



Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference

July 2014

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
<http://www.cisco.com>
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Text Part Number: OL-29318-02

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference
© 2013-2014 Cisco Systems, Inc. All rights reserved.



Preface xvii

Audience xvii

Organization xvii

Document Conventions xviii

Documentation Feedback xviii

Obtaining Documentation and Submitting a Service Request xix

CHAPTER 1

Introduction to System Messages for Cisco NX-OS 1-1

System Log Message Format 1-1

Syslog Format On a Resident Switch 1-1

Syslog Format On a Remote-Logging Server 1-3

Capturing System Messages and History 1-5

Saving the System Messages Log 1-5

Logging System Messages to a Syslog Server 1-5

CHAPTER 2

System Messages and Recovery Procedures for the Cisco MDS 9000 and Nexus 7000 Family 2-1

AAA Messages 2-1

AAA-1 2-1

AAA-2 2-1

AAA-3 2-2

AAA-6 2-2

AAM Messages 2-2

AAM-2 2-2

AAM-3 2-2

ACLLOG Messages 2-3

ACLLOG-4 2-3

ACLLOG-6 2-3

ACLMGR Messages 2-3

ACLMGR-2 2-4

ACLMGR-3 2-5

ACLMGR-4 2-6

ACLMGR-6 2-7

ACLQOS Messages 2-8

ACLQOS-SLOT#-2 2-8

ACLQOS-SLOT#-3	2-8
ACLQOS-SLOT#-4	2-9
ACLQOS-SLOT#-5	2-10
ACLTCAM Messages	2-11
ACLTCAM-2	2-11
ACLTCAM-3	2-14
ACLTCAM-4	2-16
ACLTCAM-6	2-17
ACL Messages	2-17
ACL-2	2-17
ACL-3	2-19
ACL-4	2-19
ACL-5	2-20
ACL-6	2-20
AGNI-DPP Messages	2-21
AGNI-DPP-2	2-21
AGNI-DPP-6	2-22
AGNIL2F Messages	2-22
AGNIL2F-6	2-22
ALI_LC Messages	2-23
ALI_LC-2	2-23
AMM Messages	2-23
AMM-SLOT#-0	2-23
AMM-SLOT#-2	2-24
AMM-SLOT#-6	2-24
APP EMULATOR Messages	2-24
APP EMULATOR-SLOT#-5	2-24
ARBITER Messages	2-25
ARBITER-2	2-25
ASCII-CFG Messages	2-25
ASCII-CFG-2	2-26
ASCII-CFG-3	2-27
ASCII-CFG-6	2-27
ASSOC MGR Messages	2-28
ASSOC MGR-0	2-28
ASSOC MGR-1	2-29
ASSOC MGR-2	2-29
ASSOC MGR-3	2-29
ASSOC MGR-4	2-29
ASSOC MGR-5	2-29

ASSOC MGR-6	2-30
ASSOC MGR-7	2-31
ATLANTIS_APP Messages	2-31
ATLANTIS_APP-SLOT#-2	2-31
AZUMA Messages	2-31
AZUMA-2	2-31
AZUMA-6	2-32
BET Messages	2-32
BET-6	2-32
BFDC Messages	2-32
BFDC-SLOT#-2	2-32
BFD Messages	2-33
BFD-3	2-33
BFD-4	2-33
BFD-5	2-34
BFD-6	2-35
BIOS DAEMON Messages	2-36
BIOS DAEMON-2	2-36
BIOS DAEMON-5	2-36
BIOS DAEMON-SLOT#-2	2-36
BIOS DAEMON-SLOT#-5	2-37
BLOGGERD Messages	2-37
BLOGGERD-2	2-37
BLOGGERD-3	2-37
BLOGGERD-4	2-39
BLOGGERD-6	2-39
2-39	
BOOTUP TEST Messages	2-39
BOOTUP TEST-2	2-39
BOOTVAR Messages	2-40
BOOTVAR-2	2-40
BOOTVAR-3	2-41
BOOTVAR-5	2-42
BOOTVAR-6	2-43
CALLHOME Messages	2-43
CALLHOME-2	2-44
CALLHOME-3	2-44
CALLHOME-6	2-45
CARDCLIENT Messages	2-45
CARDCLIENT-2	2-45

CARDCLIENT-3	2-46
CARDCLIENT-SLOT#-2	2-46
2-46	
CDP Messages	2-46
CDP-2	2-47
CDP-3	2-47
CDP-4	2-48
CDP-5	2-49
CDP-6	2-49
CERT_ENROLL Messages	2-50
CERT_ENROLL-2	2-50
CERT_ENROLL-3	2-51
CERT_ENROLL-6	2-51
CFGD Messages	2-51
CFGD-SLOT#-2	2-51
CFS Messages	2-51
CFS-2	2-52
CFS-3	2-53
CFS-4	2-55
CFS-6	2-55
CIMSRVPROV Messages	2-58
CIMSRVPROV-2	2-58
CIMSRVPROV-3	2-58
CIMSRVPROV-6	2-59
CLIS Messages	2-59
CLIS-5	2-59
CLIS-6	2-60
CLK_MGR Messages	2-60
CLK_MGR-2	2-60
CLK_MGR-5	2-60
CLK_MGR-6	2-60
CLOUD Messages	2-61
CLOUD-2	2-61
CLOUD-3	2-61
CLOUD-6	2-62
CLP_FWD Messages	2-62
CLP_FWD-6	2-62
CLP_L3 Messages	2-62
CLP_L3-6	2-62
CLP_MAC Messages	2-62

CLP_MAC-6	2-63
CLP_XBAR Messages	2-63
CLP_XBAR-2	2-63
CLP_XBAR-6	2-63
CLUSTER_TEST_APP Messages	2-63
CLUSTER_TEST_APP-5	2-63
CLUSTER Messages	2-64
CLUSTER-2	2-64
CLUSTER-5	2-67
CMOND Messages	2-69
CMOND-2	2-69
CMPPROXY Messages	2-70
CMPPROXY-2	2-70
CMPPROXY-5	2-70
CMPPROXY-6	2-71
COPP Messages	2-71
COPP-1	2-71
COPP-2	2-71
COPP-3	2-72
COPP-4	2-73
COPP-5	2-73
COPP-6	2-74
COPP-7	2-74
CORE-DMON Messages	2-75
CORE-DMON-2	2-75
CORE-DMON-3	2-75
CRDCFG Messages	2-75
CRDCFG-2	2-75
CRDCFG-3	2-76
CRDCFG-SLOT#-2	2-76
2-76	
CREDITMON Messages	2-76
CREDITMON-SLOT#-2	2-77
CTS Messages	2-77
CTS-2	2-77
CTS-3	2-80
CTS-5	2-80
CTS-6	2-80
CTS-7	2-83
DCEFIB Messages	2-84

DCEFIB-SLOT#-0	2-84
DCEFIB-SLOT#-2	2-84
DCEFIB-SLOT#-6	2-85
DEBUGPROXY Messages	2-85
DEBUGPROXY-6	2-85
DEVICE-ALIAS Messages	2-85
DEVICE-ALIAS-2	2-86
DEVICE-ALIAS-3	2-86
DEVICE-ALIAS-6	2-89
DEVICE_TEST Messages	2-91
DEVICE_TEST-2	2-92
DEVICE_TEST-3	2-94
DEVICE_TEST-4	2-95
DEVICE_TEST-5	2-96
DEVICE_TEST-6	2-96
DEV_LOG_SUP Messages	2-96
DEV_LOG_SUP-3	2-96
2-96	
DEV_LOG Messages	2-96
DEV_LOG-3	2-96
DEV_LOG-SLOT#-4	2-97
DFTM Messages	2-97
DFTM-SLOT#-2	2-97
DFTM-SLOT#-3	2-98
DHCP_SNOOP Messages	2-99
DHCP_SNOOP-2	2-100
DHCP_SNOOP-3	2-100
DHCP_SNOOP-4	2-102
DHCP_SNOOP-5	2-104
DHCP_SNOOP-6	2-105
DIAGCLIENT Messages	2-106
DIAGCLIENT-2	2-107
DIAGCLIENT-3	2-107
DIAGCLIENT-4	2-107
DIAGCLIENT-5	2-108
DIAGCLIENT-7	2-109
DIAGMGR Messages	2-109
DIAGMGR-2	2-109
DIAGMGR-3	2-110
DIAGMGR-4	2-110

DIAGMGR-5	2-111
DIAGMGR-6	2-112
DIAG_PORT_LB Messages	2-112
DIAG_PORT_LB-2	2-113
DIAG_PORT_LB-3	2-114
DIAG_PORT_LB-4	2-117
DIAG_PORT_LB-5	2-117
DMM Messages	2-118
DMM-SLOT#-2	2-118
DMM-SLOT#-5	2-118
DOT1X Messages	2-120
DOT1X-2	2-120
DOT1X-3	2-120
DOT1X-4	2-122
DOT1X-5	2-123
DOT1X-6	2-124
DPP_DEBUG Messages	2-124
DPP_DEBUG-2	2-125
DPVM Messages	2-125
DPVM-2	2-125
DPVM-3	2-125
DPVM-4	2-126
DPVM-6	2-126
DSTATS Messages	2-127
DSTATS-2	2-127
DSTATS-3	2-127
DT_HELPER Messages	2-129
DT_HELPER-2	2-129
ELTMC Messages	2-129
ELTMC-2	2-129
ELTM Messages	2-132
ELTM-2	2-132
ELTM-3	2-133
ELTM-5	2-133
ELTM-6	2-134
EOU Messages	2-134
EOU-2	2-134
EOU-5	2-134
EOU-6	2-134
EOU-7	2-136

EPLD_AUTO Messages	2-137
EPLD_AUTO-2	2-137
EPLD_UPGRADE Messages	2-137
EPLD_UPGRADE-2	2-137
EPP Messages	2-138
EPP-5	2-138
ETH-PORT-SEC Messages	2-138
ETH-PORT-SEC-3	2-138
ETH-PORT-SEC-5	2-140
ETHPORT Messages	2-140
ETHPORT-2	2-141
ETHPORT-3	2-141
ETHPORT-4	2-143
ETHPORT-5	2-143
ETH_PORT_CHANNEL Messages	2-154
ETH_PORT_CHANNEL-1	2-154
ETH_PORT_CHANNEL-2	2-155
ETH_PORT_CHANNEL-3	2-155
ETH_PORT_CHANNEL-4	2-158
ETH_PORT_CHANNEL-5	2-158
ETH_PORT_CHANNEL-6	2-161
ETH_PORT_CHANNEL-7	2-161
EUREKA_USD Messages	2-162
EUREKA_USD-3	2-162
EVMC Messages	2-162
EVMC-3	2-162
EVMC-4	2-162
EVMC-5	2-163
EVMED Messages	2-163
EVMED-2	2-163
EVMED-5	2-163
EVMS Messages	2-164
EVMS-2	2-164
EVMS-4	2-164
EVMS-6	2-165
EXAMPLE_TEST Messages	2-165
EXAMPLE_TEST-5	2-165
EXCEPTIONLOG Messages	2-165
EXCEPTIONLOG-SLOT#-2	2-165
EX_SYSLOG Messages	2-165

EX_SYSLOG-0	2-166
EX_SYSLOG-1	2-166
EX_SYSLOG-2	2-166
EX_SYSLOG-3	2-166
EX_SYSLOG-4	2-166
EX_SYSLOG-5	2-167
EX_SYSLOG-6	2-167
EX_SYSLOG-7	2-167
F16_CMN_USD Messages	2-167
F16_CMN_USD-6	2-167
F16_FWD_USD Messages	2-167
F16_FWD_USD-6	2-168
F16_MAC_USD Messages	2-168
F16_MAC_USD-3	2-168
F16_MAC_USD-6	2-168
F16_QUE_USD Messages	2-168
F16_QUE_USD-6	2-168
F16_XBAR_USD Messages	2-169
F16_XBAR_USD-6	2-169
FABRICPATH Messages	2-169
FABRICPATH-2	2-169
FABRICPATH-4	2-169
FABRICPATH-6	2-170
FALCON Messages	2-171
FALCON-SLOT#-2	2-171
FC-REDIRECT Messages	2-171
FC-REDIRECT-2	2-172
FC-REDIRECT-3	2-178
FC-REDIRECT-5	2-187
FC-TUNNEL Messages	2-191
FC-TUNNEL-3	2-191
FC-TUNNEL-5	2-193
FCC_LC Messages	2-194
FCC_LC-2	2-194
FCC_LC-5	2-194
FCC_LC-6	2-195
FCC Messages	2-195
FCC-2	2-195
FCC-5	2-195
FCC-6	2-196

FCDDH Messages	2-197
FCDDH-SLOT#-3	2-197
FCDDH-SLOT#-4	2-197
FCDDH-SLOT#-5	2-197
FCDD Messages	2-197
FCDD-SLOT#-3	2-197
FCDD-SLOT#-4	2-198
FCDD-SLOT#-5	2-198
FCDD-SLOT#-7	2-199
FCDOMAIN Messages	2-199
FCDOMAIN-2	2-199
FCDOMAIN-3	2-202
FCDOMAIN-4	2-204
FCDOMAIN-5	2-205
FCDOMAIN-6	2-206
FCDOMAIN-7	2-212
FCD Messages	2-214
FCD-7	2-214
FCFWD Messages	2-215
FCFWD-3	2-215
FCFWD-4	2-215
FCFWD-6	2-215
FCNS Messages	2-215
FCNS-2	2-216
FCNS-3	2-216
FCNS-4	2-217
FCNS-6	2-217
FCOE_MGR Messages	2-218
FCOE_MGR-2	2-218
FCOE_MGR-5	2-218
FCOE Messages	2-219
FCOE-5	2-219
FCSP-MGR Messages	2-220
FCSP-MGR-2	2-220
FCS Messages	2-222
FCS-2	2-222
FCS-3	2-223
FCS-5	2-224
FCS-6	2-224
FDMI Messages	2-225

FDMI-2	2-225
FDMI-3	2-226
FDMI-4	2-227
FDMI-6	2-227
FEATURE-MGR Messages	2-227
FEATURE-MGR-2	2-227
FEATURE-MGR-6	2-230
FEX Messages	2-231
FEX-2	2-231
FEX-4	2-232
FEX-5	2-232
FIB Messages	2-233
FIB-SLOT#-0	2-233
FIB-SLOT#-1	2-233
FIB-SLOT#-2	2-234
FIB-SLOT#-3	2-234
FIB-SLOT#-4	2-235
FIB-SLOT#-6	2-236
FICON Messages	2-236
FICON-2	2-237
FICON-3	2-237
FICON-5	2-239
FICON-6	2-239
FIPSM Messages	2-239
FIPSM-5	2-240
FIPS Messages	2-240
FIPS-0	2-240
FIPS-6	2-240
FLN_EM Messages	2-240
FLN_EM-6	2-241
FLN_FCP Messages	2-241
FLN_FCP-6	2-241
FLN_FCP-SLOT#-2	2-241
FLN_FCP-SLOT#-3	2-241
FLN_FCP-SLOT#-4	2-242
FLN_FWD_USD Messages	2-243
FLN_FWD_USD-2	2-243
FLN_FWD_USD-6	2-243
FLN_L3 Messages	2-243
FLN_L3-6	2-244

FLN_QUE Messages	2-244
FLN_QUE-6	2-244
FLN_XBAR Messages	2-244
FLN_XBAR-2	2-244
FLN_XBAR-6	2-244
FLOGI Messages	2-245
FLOGI-1	2-245
FLOGI-2	2-246
FLOGI-4	2-246
FLOGI-5	2-246
FS-DAEMON Messages	2-247
FS-DAEMON-2	2-247
FS-DAEMON-6	2-247
FSCM Messages	2-248
FSCM-2	2-248
FSPF Messages	2-248
FSPF-2	2-248
FSPF-2	2-249
FSPF-4	2-251
FSPF-5	2-252
FSPF-6	2-252
FSPF-7	2-254
FVP Messages	2-254
FVP-2	2-254
FVP-3	2-255
FVP-4	2-256
FVP-6	2-256
GARUDA_USD Messages	2-258
GARUDA_USD-6	2-258
GLBP Messages	2-258
GLBP-2	2-258
GLBP-3	2-258
GLBP-4	2-260
GLBP-5	2-261
HSRP_ENGINE Messages	2-263
HSRP_ENGINE-3	2-264
HSRP_ENGINE-4	2-265
HSRP_ENGINE-5	2-266
HSRP_ENGINE-6	2-268
IDEHSD Messages	2-268

IDEHSD-1	2-268
IDEHSD-2	2-268
IDEHSD-3	2-270
IDEHSD-5	2-270
IDEHSD-6	2-270
IDEHSD-7	2-271
IFTMC Messages	2-271
IFTMC-SLOT#-1	2-271
IFTMC-SLOT#-2	2-271
IKE Messages	2-274
IKE-3	2-274
IKE-4	2-276
IKE-6	2-277
ILC-SPAN Messages	2-277
ILC-SPAN-3	2-277
ILC_HELPER Messages	2-277
ILC_HELPER-2	2-277
ILC_HELPER-3	2-277
ILC_HELPER-6	2-278
IMAGE_DNLD Messages	2-278
IMAGE_DNLD-SLOT#-2	2-278
IMAGE_DNLD-SLOT#-4	2-279
IMAGE_DNLD-SLOT#-5	2-279
IMAGE_UPGRADE Messages	2-280
IMAGE_UPGRADE-SLOT#-2	2-280
IMAGE_UPGRADE-SLOT#-4	2-280
IM Messages	2-280
IM-3	2-280
IM-5	2-281
INSTALLER Messages	2-281
INSTALLER-1	2-281
INSTALLER-5	2-282
INTERFACE_VLAN Messages	2-282
INTERFACE_VLAN-4	2-282
INTERFACE_VLAN-5	2-283
IOA_LC Messages	2-285
IOA_LC-5	2-285
IPACL Messages	2-285
IPACL-0	2-285
IPACL-1	2-286

IPACL-2	2-286
IPACL-3	2-286
IPACL-4	2-286
IPACL-5	2-286
IPACL-6	2-287
IPFC Messages	2-287
IPFC-2	2-287
IPFC-3	2-287
IPFC-5	2-288
IPFC-6	2-288
IPQOSMGR Messages	2-288
IPQOSMGR-2	2-288
IPQOSMGR-3	2-289
IPQOSMGR-4	2-290
IPQOSMGR-6	2-291
IPSEC Messages	2-291
IPSEC-2	2-291
IPSEC-3	2-291
IPSEC-5	2-292
IPS_SB_MGR Messages	2-293
IPS_SB_MGR-SLOT#-2	2-294
IPS_SB_MGR-SLOT#-3	2-294
IPS_SB_MGR-SLOT#-4	2-295
IPS_SB_MGR-SLOT#-6	2-295
IPS Messages	2-295
IPS-2	2-296
IPS-3	2-296
IPS-4	2-301
IPS-5	2-302
IPS-6	2-311
IPS-7	2-311
IPV6 Messages	2-312
IPV6-2	2-312
IPV6-3	2-312
IPV6-4	2-313
IPV6-6	2-313
IP Messages	2-314
IP-1	2-314
IP-2	2-314
IP-3	2-314

IP-4	2-315
IP-6	2-315
ISAPI Messages	2-316
ISAPI-SLOT#-0	2-316
ISAPI-SLOT#-1	2-317
ISAPI-SLOT#-2	2-317
ISAPI-SLOT#-3	2-318
ISAPI-SLOT#-4	2-319
ISAPI-SLOT#-5	2-319
ISAPI-SLOT#-6	2-320
ISAPI-SLOT#-7	2-321
ISCM Messages	2-322
ISCM-2	2-322
ISCM-3	2-322
ISCM-4	2-323
ISCM-5	2-324
ISNS Messages	2-324
ISNS-2	2-324
IVR Messages	2-324
IVR-2	2-325
IVR-3	2-328
IVR-4	2-336
IVR-5	2-337
IVR-6	2-340
IVR-7	2-341
L2FMC Messages	2-341
L2FMC-SLOT#-0	2-342
L2FMC-SLOT#-2	2-342
L2FMC-SLOT#-5	2-342
L2FMC-SLOT#-6	2-343
L2FM Messages	2-344
L2FM-0	2-344
L2FM-1	2-344
L2FM-2	2-346
L2FM-4	2-346
L2FM-5	2-347
L2FM-6	2-347
L2MCAST Messages	2-347
L2MCAST-SLOT#-0	2-347
L2MCAST-SLOT#-2	2-348

L2MCAST-SLOT#-3	2-348
L2MCAST-SLOT#-6	2-349
L3VM Messages	2-349
L3VM-5	2-350
LACP Messages	2-350
LACP-3	2-350
LACP-5	2-351
LC-FCFWD Messages	2-353
LC-FCFWD-3	2-353
LC-QOS Messages	2-353
LC-QOS-3	2-353
LC-SPAN Messages	2-353
LC-SPAN-3	2-353
LC_CFG Messages	2-353
LC_CFG-SLOT#-2	2-354
LC_MNT_MGR Messages	2-354
LC_MNT_MGR-SLOT#-2	2-354
LC_PORT_CHANNEL Messages	2-354
LC_PORT_CHANNEL-SLOT#-0	2-354
LC_PORT_CHANNEL-SLOT#-1	2-355
LC_PORT_CHANNEL-SLOT#-3	2-355
LC_PORT_MGR Messages	2-355
LC_PORT_MGR-SLOT#-2	2-355
LC_RDL Messages	2-356
LC_RDL-3	2-356
LC_RDL-6	2-357
LDAP Messages	2-357
LDAP-2	2-357
LDAP-3	2-357
LDAP-5	2-358
LDAP-6	2-358
LDP Messages	2-358
LDP-5	2-358
LED_MGR Messages	2-358
LED_MGR-SLOT#-3	2-359
LIBBASE_SVC Messages	2-359
LIBBASE_SVC-2	2-359
LIBBASE_SVC-4	2-359
LIBBASE_SVC-5	2-360
LIBGD Messages	2-360

LIBGD-2	2-360
LIBGD-3	2-361
LIBGD-5	2-361
LIBGD-6	2-361
LIBIFMGR Messages	2-362
LIBIFMGR-5	2-362
LICMGR Messages	2-362
LICMGR-0	2-362
LICMGR-1	2-362
LICMGR-2	2-363
LICMGR-3	2-364
LICMGR-4	2-365
LICMGR-6	2-365
LIM Messages	2-366
LIM-2	2-366
LIM Messages	2-367
LIM-3	2-367
LIM Messages	2-368
LIM-4	2-368
LIM Messages	2-369
LIM-5	2-369
LIT Messages	2-379
LIT-6	2-380
LLDP Messages	2-380
LLDP-1	2-380
LLDP-3	2-380
LLDP-5	2-381
LLDP-6	2-381
M2FIB Messages	2-381
M2FIB-SLOT#-0	2-381
M2FIB-SLOT#-2	2-382
M2FIB-SLOT#-6	2-382
M2RIB Messages	2-383
M2RIB-0	2-383
M2RIB-2	2-383
M2RIB-6	2-384
MAC Messages	2-385
MAC-SLOT#-2	2-385
MCAST Messages	2-385
MCAST-2	2-385

- MCAST-4 2-385
- MCAST-5 2-386
- MCECTEST Messages 2-386
 - MCECTEST-3 2-386
 - MCECTEST-5 2-387
 - MCECTEST-6 2-387
- MCM Messages 2-387
 - MCM-2 2-387
 - MCM-5 2-388
 - MCM-6 2-388
- METROPOLIS_USD Messages 2-388
 - METROPOLIS_USD-3 2-388
- MFDM Messages 2-388
 - MFDM-2 2-389
- MODULE Messages 2-389
 - MODULE-2 2-390
 - MODULE-3 2-394
 - MODULE-4 2-394
 - MODULE-5 2-395
 - MODULE-6 2-396
- MONITOR Messages 2-396
 - MONITOR-3 2-397
 - MONITOR-5 2-397
- MTM Messages 2-397
 - MTM-SLOT#-0 2-398
- MTM Messages 2-398
 - MTM-SLOT#-1 2-398
- MTM Messages 2-398
 - MTM-SLOT#-2 2-398
- MTM Messages 2-400
 - MTM-SLOT#-5 2-400
- MTM Messages 2-400
 - MTM-SLOT#-6 2-400
- NFM Messages 2-401
 - NFM-2 2-401
 - NFM-3 2-402
 - NFM-4 2-403
 - NFM-5 2-404
 - NFM-6 2-404
 - NFM-7 2-405

NFP Messages	2-405
NFP-SLOT#-2	2-406
NFP-SLOT#-5	2-407
NPC Messages	2-407
NPC-SLOT#-3	2-407
NPC-SLOT#-4	2-407
NPC-SLOT#-5	2-407
NPV Messages	2-408
NPV-2	2-408
NPV-3	2-409
NPV-4	2-412
NPV-5	2-412
NPV-6	2-413
NPV-7	2-416
NTP Messages	2-417
NTP-2	2-417
NTP-3	2-417
NTP-6	2-418
NVP Messages	2-418
NVP-6	2-418
NVP-SLOT#-2	2-419
OBFL Messages	2-419
OBFL-3	2-419
OC_USD Messages	2-419
OC_USD-2	2-419
ONEP Messages	2-419
ONEP-2	2-420
ONEP-3	2-421
ONEP-4	2-423
ONEP-6	2-423
ORI_FWD Messages	2-423
ORI_FWD-2	2-423
ORI_FWD-6	2-423
ORI_MAC Messages	2-423
ORI_MAC-2	2-424
ORI_MAC-6	2-424
ORI_XBAR_USD Messages	2-424
ORI_XBAR_USD-2	2-424
ORI_XBAR_USD-4	2-425
ORI_XBAR_USD-6	2-425

OTM Messages	2-425
OTM-2	2-425
OTM-3	2-425
OTM-5	2-425
OTM-6	2-426
PHY_USD Messages	2-426
PHY_USD-SLOT#-4	2-427
PIXM Messages	2-427
PIXM-2	2-427
PIXM-3	2-427
PIXM-4	2-427
PIXM-7	2-428
PLATFORM Messages	2-428
PLATFORM-0	2-428
PLATFORM-1	2-431
PLATFORM-2	2-432
PLATFORM-3	2-444
PLATFORM-4	2-446
PLATFORM-5	2-446
PLATFORM-6	2-448
PLATFORM-7	2-448
PLOG_SUP Messages	2-449
PLOG_SUP-4	2-449
PLOG Messages	2-449
PLOG-4	2-449
PLSM Messages	2-449
PLSM-3	2-449
PLSM-6	2-450
PLTFM_CONFIG Messages	2-450
PLTFM_CONFIG-3	2-450
PLTFM_CONFIG-4	2-451
PLUGIN Messages	2-451
PLUGIN-2	2-451
PLUGIN-3	2-453
PMON Messages	2-453
PMON-2	2-453
PMON-3	2-454
PMON-5	2-454
PMON-6	2-454
POAP Messages	2-454

POAP-2	2-454
POAP-5	2-456
PONG Messages	2-456
PONG-5	2-456
PORT-CHANNEL Messages	2-457
PORT-CHANNEL-1	2-457
PORT-CHANNEL-2	2-457
PORT-CHANNEL-3	2-458
PORT-CHANNEL-4	2-459
PORT-CHANNEL-5	2-460
PORT-CHANNEL-6	2-461
PORT-CHANNEL-7	2-461
PORT-PROFILE Messages	2-462
PORT-PROFILE-2	2-462
PORT-PROFILE-3	2-462
PORT-PROFILE-6	2-464
PORT-RESOURCES Messages	2-465
PORT-RESOURCES-3	2-465
PORT-RESOURCES-5	2-466
PORT-SECURITY Messages	2-466
PORT-SECURITY-2	2-466
PORT-SECURITY-3	2-466
PORT-SECURITY-4	2-468
PORT-SECURITY-6	2-469
PORT Messages	2-469
PORT-2	2-469
PORT-3	2-469
PORT-4	2-470
PORT-5	2-471
PREFPATH Messages	2-491
PREFPATH-1	2-492
PREFPATH-2	2-492
PREFPATH-3	2-493
PREFPATH-4	2-494
PREFPATH-6	2-494
PRIVATE_VLAN Messages	2-495
PRIVATE_VLAN-2	2-495
PRIVATE_VLAN-3	2-496
PRIVATE_VLAN-5	2-497
PROC_MGR Messages	2-497

PROC_MGR-SLOT#-2	2-497
PROC_MGR-SLOT#-3	2-500
PROC_MGR-SLOT#-4	2-500
PROC_MGR-SLOT#-6	2-500
PROFILER Messages	2-500
PROFILER-0	2-501
PROFILER-1	2-501
PROFILER-2	2-501
PROFILER-3	2-501
PROFILER-4	2-501
PROFILER-5	2-502
PROFILER-6	2-502
PROFILER-7	2-502
	2-502
PSS Messages	2-502
PSS-0	2-502
PSS-1	2-503
PSS-2	2-504
PSS-4	2-505
PSS-5	2-505
PTPLC Messages	2-506
PTPLC-3	2-506
PTP Messages	2-506
PTP-5	2-506
PTP-6	2-507
PULSE Messages	2-508
PULSE-0	2-508
PULSE-1	2-508
PULSE-2	2-508
PULSE-3	2-508
PULSE-4	2-509
PULSE-5	2-509
PULSE-6	2-509
PULSE-7	2-509
QD Messages	2-509
QD-3	2-509
QOS Messages	2-510
QOS-2	2-510
QOS-3	2-511
QOS-4	2-512

QOS-6	2-513
QUACK_SMC Messages	2-515
QUACK_SMC-6	2-515
R2D2_USD Messages	2-515
R2D2_USD-2	2-515
R2D2_USD-6	2-515
RADIUS Messages	2-516
RADIUS-2	2-516
RADIUS-3	2-516
RADIUS-4	2-516
RADIUS-5	2-516
RADIUS-6	2-517
RDL Messages	2-517
RDL-2	2-517
RDL-3	2-518
RDL-6	2-518
RES_MGR Messages	2-519
RES_MGR-1	2-519
RES_MGR-2	2-520
RES_MGR-3	2-520
RES_MGR-4	2-521
RES_MGR-5	2-522
RES_MGR-6	2-522
RIB Messages	2-523
RIB-0	2-523
RIB-1	2-523
RIB-2	2-523
RIB-3	2-523
RIB-4	2-525
RIB-5	2-525
RIB-6	2-526
RLIR Messages	2-526
RLIR-2	2-526
RLIR-6	2-527
RM Messages	2-527
RM-6	2-527
RM-SLOT#-2	2-528
RM-SLOT#-4	2-529
RSCN Messages	2-529
RSCN-2	2-529

RSCN-4	2-530
RSCN-6	2-530
SABRE_APP Messages	2-530
SABRE_APP-SLOT#-2	2-531
SAC_USD Messages	2-531
SAC_USD-2	2-531
SAC_USD-3	2-532
SAC_USD-5	2-533
SAC_USD-6	2-533
SAL Messages	2-534
SAL-5	2-534
SANTAP Messages	2-534
SANTAP-SLOT#-2	2-534
SANTAP-SLOT#-4	2-541
SANTAP-SLOT#-5	2-543
SANTAP-SLOT#-6	2-543
SAN_EXT_TUNER Messages	2-545
SAN_EXT_TUNER-3	2-545
SCHEDULER Messages	2-545
SCHEDULER-2	2-546
SCHEDULER-3	2-546
SCHEDULER-4	2-547
SCHEDULER-6	2-547
SCM Messages	2-547
SCM-2	2-547
SCSI-TARGET Messages	2-547
SCSI-TARGET-2	2-548
SCSI-TARGET-3	2-548
SCSI-TARGET-7	2-550
SDV Messages	2-550
SDV-2	2-550
SDV-3	2-551
SDV-4	2-553
SDV-6	2-553
SDV-7	2-553
SECURITYD Messages	2-553
SECURITYD-2	2-553
SECURITYD-3	2-555
SECURITYD-6	2-555
SENSOR_USD Messages	2-556

SENSOR_USD-2	2-556
SENSOR_USD-3	2-557
SENSOR_USD-5	2-558
SENSOR_MGR Messages	2-558
SENSOR_MGR-2	2-558
SENSOR_MGR-3	2-558
SENSOR_MGR-4	2-559
SENSOR Messages	2-559
SENSOR-0	2-559
SENSOR-3	2-559
SESSION-MGR Messages	2-559
SESSION-MGR-2	2-559
SESSION-MGR-3	2-560
SESSION-MGR-4	2-560
SFC Messages	2-560
SFC-3	2-560
SFM Messages	2-560
SFM-2	2-560
SFM-6	2-561
SIM Messages	2-561
SIM-2	2-561
SIM-3	2-562
SIM-4	2-563
SIM-5	2-563
	2-574
SKSD Messages	2-574
SKSD-2	2-574
SKSD-3	2-574
SKSD-4	2-575
SKSD-5	2-575
SKSD-6	2-577
SKT_USD Messages	2-577
SKT_USD-2	2-577
SKT_USD-6	2-577
SKYLINE_APP Messages	2-577
SKYLINE_APP-SLOT#-2	2-577
SME_CPP Messages	2-577
SME_CPP-2	2-578
SME_CPP-3	2-579
SME_CPP-5	2-584

SME_CPP-SLOT#-2	2-588
SME_CPP-SLOT#-3	2-589
SME_CPP-SLOT#-4	2-593
SNMPD Messages	2-593
SNMPD-1	2-593
SNMPD-2	2-593
SNMPD-3	2-593
SNMPD-4	2-593
SNMPD-5	2-594
SNMPD-6	2-594
SNMPD-7	2-594
SPAN Messages	2-594
SPAN-2	2-594
SPAN-3	2-594
SPAN-5	2-595
SPAN-6	2-596
SPI Messages	2-596
SPI-SLOT#-2	2-596
STATSCLIENT Messages	2-596
STATSCLIENT-2	2-597
STATSCLIENT-3	2-597
STATSCLIENT-6	2-597
STATSINFRA Messages	2-597
STATSINFRA-3	2-597
STATSPROFILER Messages	2-598
STATSPROFILER-2	2-598
STATSPROFILER-3	2-599
STATSPROFILER-4	2-600
STATSPROFILER-5	2-601
STP Messages	2-611
STP-2	2-612
STP-3	2-619
STP-4	2-620
STP-6	2-621
SVC_BATTERY Messages	2-623
SVC_BATTERY-SLOT#-2	2-623
SVC_BATTERY-SLOT#-4	2-625
SVC_BATTERY-SLOT#-6	2-625
SVC Messages	2-626
SVC-0	2-626

SVC-1	2-626
SVC-2	2-626
SVC-3	2-627
SVC-4	2-639
SVC-5	2-648
SVC-6	2-648
SVC-7	2-663
SYSMGR Messages	2-663
SYSMGR-2	2-664
SYSMGR-3	2-687
SYSMGR-4	2-696
SYSMGR-5	2-698
SYSMGR-6	2-703
SYSMGR-7	2-705
SYSTEM HEALTH LC Messages	2-707
SYSTEM HEALTH LC-2	2-707
SYSTEM HEALTH LC-4	2-708
SYSTEM HEALTH LC-6	2-710
SYSTEMHEALTH Messages	2-710
SYSTEMHEALTH-2	2-711
SYSTEMHEALTH-4	2-714
SYSTEMHEALTH-5	2-719
SYSTEMHEALTH-6	2-721
TACACS Messages	2-723
TACACS-2	2-723
TACACS-3	2-723
TACACS-4	2-723
TACACS-5	2-723
TACACS-6	2-724
TBIRD_CMN_USD Messages	2-724
TBIRD_CMN_USD-6	2-724
TBIRD_FWD_USD Messages	2-724
TBIRD_FWD_USD-6	2-724
TBIRD_MAC_USD Messages	2-725
TBIRD_MAC_USD-3	2-725
TBIRD_MAC_USD-6	2-725
TBIRD_QUE_USD Messages	2-725
TBIRD_QUE_USD-6	2-725
TBIRD_XBAR_USD Messages	2-725
TBIRD_XBAR_USD-6	2-725

- TCAP Messages 2-726
 - TCAP-2 2-726
- TIM Messages 2-726
 - TIM-2 2-726
- TIM Messages 2-727
 - TIM-3 2-727
- TIM Messages 2-728
 - TIM-4 2-728
- TIM Messages 2-729
 - TIM-5 2-729
- TLPORT Messages 2-739
 - TLPORT-2 2-740
 - TLPORT-3 2-740
 - TLPORT-4 2-741
 - TLPORT-6 2-741
- TPC Messages 2-741
 - TPC-SLOT#-5 2-742
- TTYD Messages 2-742
 - TTYD-2 2-743
 - TTYD-3 2-743
 - TTYD-6 2-743
- TUNNEL Messages 2-743
 - TUNNEL-2 2-744
 - TUNNEL-3 2-744
 - TUNNEL-4 2-744
 - TUNNEL-5 2-745
 - TUNNEL-7 2-746
- TUSCANY_APP Messages 2-746
 - TUSCANY_APP-SLOT#-2 2-746
- U2RIB Messages 2-746
 - U2RIB-2 2-747
 - U2RIB-3 2-747
 - U2RIB-5 2-747
 - U2RIB-6 2-748
- UDLD Messages 2-748
 - UDLD-3 2-748
 - UDLD-4 2-749
 - UDLD-5 2-749
- UFDM Messages 2-750
 - UFDM-2 2-750

USBHSD Messages	2-750
USBHSD-1	2-750
USBHSD-2	2-751
USBHSD-3	2-752
USBHSD-5	2-752
USBHSD-6	2-753
USBHSD-7	2-753
USDBA Messages	2-753
USDBA-2	2-754
USDBA-6	2-754
VAJRA_USD Messages	2-754
VAJRA_USD-6	2-754
VAL_USD Messages	2-754
VAL_USD-6	2-754
VDC_MGR Messages	2-754
VDC_MGR-2	2-755
VDC_MGR-3	2-756
VDC_MGR-5	2-756
VEC Messages	2-757
VEC-SLOT#-3	2-757
VEC-SLOT#-4	2-758
VEC-SLOT#-5	2-758
VEDB_MGR Messages	2-761
VEDB_MGR-2	2-761
VEDB_MGR-6	2-761
VES Messages	2-762
VES-SLOT#-4	2-762
VES-SLOT#-5	2-762
VFC Messages	2-763
VFC-3	2-763
VFC-6	2-764
VIPER_CMN_USD Messages	2-764
VIPER_CMN_USD-6	2-764
VIPER_ICB_USD Messages	2-764
VIPER_ICB_USD-2	2-764
VIPER_ICB_USD-6	2-764
VIPER_MAC_USD Messages	2-764
VIPER_MAC_USD-6	2-765
VIPER_XBAR_USD Messages	2-765
VIPER_XBAR_USD-6	2-765

VIP_FWD Messages	2-765
VIP_FWD-6	2-765
VIP_ILK Messages	2-765
VIP_ILK-6	2-765
VLAN_MGR Messages	2-766
VLAN_MGR-2	2-766
VLAN_MGR-3	2-766
VLAN_MGR-4	2-766
VLAN_MGR-5	2-766
VLAN_MGR-6	2-767
VMAN Messages	2-767
VMAN-2	2-768
VMAN-3	2-775
VMAN-4	2-775
VMAN-5	2-775
VMM Messages	2-776
VMM-2	2-776
VNI Messages	2-777
VNI-2	2-777
VNI-3	2-777
VNI-6	2-777
VNTAGC Messages	2-777
VNTAGC-5	2-778
VNTAG_MGR Messages	2-778
VNTAG_MGR-2	2-778
VNTAG_MGR-4	2-779
VNTAG_MGR-5	2-779
	2-779
VPC Messages	2-779
VPC-2	2-780
VPC-3	2-782
VPC-4	2-784
VPC-5	2-786
VPC-6	2-789
VPM Messages	2-791
VPM-2	2-791
VPM-3	2-792
VPM-4	2-793
VPM-6	2-793
VPM-SLOT#-2	2-796

VRRP-CFG Messages	2-796
VRRP-CFG-2	2-796
VRRP-CFG-3	2-796
VRRP-CFG-5	2-797
VRRP-ENG Messages	2-797
VRRP-ENG-2	2-797
VRRP-ENG-3	2-797
VRRP-ENG-4	2-799
VRRP-ENG-5	2-799
VRRP-ENG-6	2-800
VSAN Messages	2-800
VSAN-2	2-800
VSAN-3	2-800
VSAN-6	2-801
VSC Messages	2-802
VSC-SLOT#-2	2-802
VSC-SLOT#-3	2-802
VSC-SLOT#-5	2-802
VSD Messages	2-803
VSD-SLOT#-2	2-803
VSD-SLOT#-6	2-803
VSHA Messages	2-803
VSHA-3	2-803
VSHA-SLOT#-5	2-804
VSHD Messages	2-804
VSHD-2	2-804
VSHD-3	2-805
VSHD-4	2-806
VSHD-5	2-806
VSHD-7	2-807
VTP Messages	2-807
VTP-0	2-807
VTP-1	2-807
VTP-2	2-807
VTP-3	2-808
VTP-4	2-809
VTP-5	2-810
VTP-6	2-810
VTP-7	2-811
WWN Messages	2-812

WWN-1	2-812
WWN-2	2-812
WWN-3	2-814
WWN-4	2-815
WWN-5	2-815
WWN-6	2-816
WWN-7	2-817
X2_USD Messages	2-817
X2_USD-2	2-818
X2_USD Messages	2-818
X2_USD-5	2-818
XBAR_CLIENT Messages	2-819
XBAR_CLIENT-2	2-819
XBAR_CLIENT-3	2-820
XBAR_CLIENT-SLOT#-2	2-821
XBAR_CLIENT-SLOT#-3	2-822
XBAR_DRIVER_USD Messages	2-822
XBAR_DRIVER_USD-2	2-822
XBAR_DRIVER_USD-3	2-823
XBAR_DRIVER_USD-5	2-823
XBAR_DRIVER_USD-6	2-823
XBAR Messages	2-824
XBAR-2	2-824
XBAR-3	2-825
XBAR-4	2-825
XBAR-5	2-826
XCVR_USD Messages	2-830
XCVR_USD-6	2-830
XCVR Messages	2-831
XCVR-6	2-831
XMLMA Messages	2-831
XMLMA-2	2-831
XMLMA-3	2-832
XMLMA-5	2-832
XMLMA-6	2-832
XMLSA Messages	2-832
XMLSA-2	2-833
XMLSA-5	2-833
XMLSA-6	2-833
ZBM Messages	2-834

ZBM-2	2-834
ZBM-4	2-836
ZBM-6	2-836
ZONE Messages	2-837
ZONE-2	2-838
ZONE-3	2-846
ZONE-4	2-846
ZONE-5	2-849
ZONE-6	2-850



Preface

This document lists and describes the system messages for Cisco NX-OS software. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all messages indicate a problem with your system. Some messages are purely informational, while others might help diagnose problems with links, internal hardware, or the system software.

This document includes system messages for all CiscoNX-OS software releases.

This chapter includes the following sections:

- [Audience, page 1](#)
- [Organization, page 1](#)
- [Document Conventions, page 2](#)
- [Documentation Feedback, page 2](#)
- [Obtaining Documentation and Submitting a Service Request, page 3](#)

Audience

This guide is for system administrators who are responsible for managing Cisco NX-OS systems.

Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to System Messages for Cisco NX-OS	Describes the structure of system messages and the format of system log files.
Chapter 2	System Messages and Recovery Procedures for the Cisco MDS 9000 and Nexus 7000 Family	Lists the messages that may appear in log files, and indicates suggested remedies where applicable for the Cisco MDS and Nexus 7000 Family.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

<code>screen font</code>	Terminal sessions and information that the switch displays are in screen font.
<code>boldface screen font</code>	Information that you must enter is in boldface screen font.
<i><code>italic screen font</code></i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to nexus7k-docfeedback@cisco.com. We appreciate your feedback.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.





Introduction to System Messages for Cisco NX-OS

This chapter describes system messages, as defined by the syslog protocol (RFC 3164). It describes how to understand the syslog message format and how to capture system messages for review.

This chapter contains the following sections:

- [System Log Message Format, page 1-1](#)
- [Capturing System Messages and History, page 1-5](#)

System Log Message Format

System log messages begin with a percent sign (%) and are displayed in the following formats:

- [Syslog Format On a Resident Switch, page 1-1](#)
- [Syslog Format On a Remote-Logging Server, page 1-3](#)

Syslog Format On a Resident Switch

The format for a resident syslog is:

```
month dd hh:mm:ss switchname facility-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-SLOTnumber-severity-MNEMONIC description
or
month dd hh:mm:ss switchname facility-STANDBY-severity-MNEMONIC description
```

For example:

```
Nov 1 14:07:58 excal-113 %MODULE-5-MOD_OK: Module 1 is online
Nov 1 14:07:58 excal-113 %PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface
fc1/13 is not supported
.
```

Table 1-1 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event

Table 1-1 System Log Message Format Description (continued)

Element	Description
switchname	The name of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 7 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message
%%\$VDC #%%\$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
%%\$VRF #%%\$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

FACILITY is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message SEVERITY codes range from 0 to 7 and reflect the severity of the condition. The lower the number, the more serious the situation. Table 1-2 lists the severity levels.

Table 1-2 System Message Severity Levels

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – error	Error condition
4 – warning	Warning condition
5 – notification	Normal but significant condition
6 – informational	Informational message only
7 – debugging	Appears during debugging only

MNEMONIC is a code that uniquely identifies the system message.

Message-text is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets ([]). A decimal number, for example, is represented as [dec].

Table 1-3 lists the representations of variable fields and the type of information in the fields.

Table 1-3 Representation of Variable Fields in System Messages

Representation	Type of Information
[dec]	Decimal number
[hex]	Hexadecimal number

Table 1-3 Representation of Variable Fields in System Messages

Representation	Type of Information
[char]	Single character
[chars]	Character string

The following example system message shows how the variable field might be used:

```
%MODULE-5-MOD_MINORSWFAL: Module [dec] reported a failure in service [chars]
In this example,
```

Facility code =MODULE (indicating that it is a module-specific error)

Severity =5 (notification)

Alarm/event code= MOD_MINORSWFAL

Description of the problem= Module [dec] reported a failure in service [chars]

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

System log messages begin with a percent sign (%) and are displayed in the following format (see [Table 1-4](#)).

Syslog Format On a Remote-Logging Server

The syslog format on a remote-logging server is:

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone: facility-severity-MNEMONIC
description
```

or

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone:
facility-SLOTnumber-severity-MNEMONIC description
```

or

```
month dd hh:mm:ss IP-addr-switch : year month day hh:mm:ss Timezone: facility-STANDBY-severity-MNEMONIC
description
```

For example:

```
sep 21 11:09:50 172.22.22.45 : 2005 Sep 04 18:18:22 UTC: %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
switch resident syslog 2005 Sep 4 18:18:22 switch %AUTHPRIV-3-SYSTEM_MSG: ttyS1:
togetattr: Input/output error - getty[28224]
time on switch : 2005 Sep 4 18:18:22 time on Logging Server : Sep 21 11:09:50
fc1/13 is not supported
.
```

Table 1-4 System Log Message Format Description

Element	Description
month dd	The date and month of the error or event
hh:mm:ss	The time of the error or event
IP-addr-switch	The IP address of the switch
facility	The facility of the error or event (daemon, kernel, VSHD, or other facility)
severity	Single-digit code from 0 to 3 that indicates the severity of the message
MNEMONIC	Text string that uniquely describes the system message

Table 1-4 System Log Message Format Description (continued)

Element	Description
;%\$VDC #%%\$	An optional virtual device context (VDC) ID that appears in the description for messages requiring VDC IDs
;%\$VRF #%%\$	An optional virtual routing and forwarding (VRF) ID that appears in the description for messages requiring VRF IDs
description	Text string containing detailed information about the event being reported

`FACILITY` is a code consisting of two or more uppercase letters that indicate the facility to which the system message refers. A facility is a hardware device, a protocol, a feature, or a module of the system software.

System message `SEVERITY` codes range from 0 to 3 and reflect the severity of the condition. The lower the number, the more serious the situation. [Table 1-5](#) lists the severity levels.

Table 1-5 System Log Message Format description

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – notification	Normal but significant condition

`MNEMONIC` is a code that uniquely identifies the system message.

`Message-text` is a text string that describes the condition. This portion of the message might contain detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because the information in these variable fields changes from message to message, it is represented here by short strings enclosed in square brackets (`[]`). A decimal number, for example, is represented as `[dec]`.

[Table 1-6](#) lists the representations of variable fields and the type of information in the fields.

Table 1-6 Representation of Variable Fields in System Messages

Representation	Type of Information
<code>[dec]</code>	Decimal number
<code>[hex]</code>	Hexadecimal number
<code>[char]</code>	Single character
<code>[chars]</code>	Character string

The following example system message shows how the variable field might be used:

```
%AUTHPRIV-3-SYSTEM_MSG: AUTHPRIV [dec] reported a failure in service [chars]
```

In this example,

Facility code =AUTHPRIV (indicating that it is a authpriv-specific error)

Severity =3 (notification)

Alarm/event code= SYSTEM_MSG

Description of the problem= Authpriv [dec] reported a failure in service [chars]

[dec] is the module slot number associated with this message.

[chars] is the service name that experienced this failure.

Capturing System Messages and History

The system messages are displayed instantly on the console, by default, or are redirected to an internal log file, or a syslog server. System message severity levels correspond to the keywords assigned by the **logging** global configuration commands. These keywords define where and at what level these messages appear (see to the *Cisco NX-OS System Management Configuration Guide*). Only system messages that correspond to the configured logging level or higher severity messages are logged. As an example, if you set the logging level to 3 (error), then you get error, critical, alerts, and emergency system messages, but you do not get warning, notification, informational, or debugging system messages.

For complete information about handling system messages, see the *Cisco NX-OS System Management Configuration Guide, Release 4.1*.

Saving the System Messages Log

The **logging logfile** global configuration command enables copying of system messages to an internal log file and optionally sets the size of the file. To display the messages that are logged in the file, use the **show logging EXEC** command. The first message displayed is the oldest message in the buffer. To clear the current contents of the buffer, use the **clear debug-logfile** command.

Logging System Messages to a Syslog Server

The **logging host-name** command identifies a syslog server host to receive logging messages. The *host-name* argument is the name or Internet address of the host. By issuing this command more than once, you build a list of syslog servers that receive logging messages. The **no logging host-name** command deletes the syslog server with the specified address from the list of syslog servers.



System Messages and Recovery Procedures for the Cisco MDS 9000 and Nexus 7000 Family

This chapter includes system messages for the Cisco NX-OS MDS 9000 and Nexus 7000 families of switches. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by severity and mnemonics. Each error message is followed by an explanation and a recommended action.

AAA Messages

This section contains the AAA messages.

AAA-1

Error Message AAA-1-AAA_SESSION_LIMIT_REJECT: aaa request rejected as maximum aaa sessions are in progress

Explanation Aaa request rejected as the limit for maximum concurrent aaa sessions is reached

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-2

Error Message AAA-2-AAA_NVRAM_UPGRADE_FAILURE: upgrading of accounting log failed.
[chars]

Explanation Upgrading of accounting log failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message AAA-2-AAA_PROGRAM_EXIT: aaa daemon exiting: [chars]

Explanation Aaa daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-3

Error Message AAA-3-AAA_ERR_MSG: [chars]

Explanation AAA Error Message

Recommended Action No action is required.

Error Message AAA-3-AAA_NVRAMFAILURE: nvram failure

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

AAA-6

Error Message AAA-6-AAA_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

AAA-7

Error Message AAA-7-AAA_DBG_MSG: [chars]

Explanation AAA Debug Message

Recommended Action No action is required.

AAM Messages

This section contains the AAM messages.

AAM-2

Error Message AAM-2-ELS_FC2_GL_SINDEX_LOOKUP_FAILED: Failed to lookup global port index for interface [[chars]]

Explanation Failed to lookup global port index for interface [chars]

Recommended Action No action is required.

AAM-3

Error Message AAM-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation AAM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

Error Message AAM-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]

Explanation AAM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

ACLLOG Messages

This section contains the ACLLOG messages.

ACLLOG-4

Error Message ACLLOG-4-ACLLOG_MAXFLOW_REACHED: [chars]

Explanation Max flow reached in current interval: [chars]

Recommended Action No action is required.

Error Message ACLLOG-4-ACLLOG_THRESHOLD: [chars]

Explanation Threshold Reached for Flow: [chars]

Recommended Action No action is required.

ACLOG-6

Error Message ACLOG-6-ACLOG_FLOW_INTERVAL: [chars]

Explanation Flow info in current alert interval: [chars]

Recommended Action No action is required.

Error Message ACLOG-6-ACLOG_NEW_FLOW: [chars]

Explanation New Aclog Flow: [chars]

Recommended Action No action is required.

ACLMGR Messages

This section contains the ACLMGR messages.

ACLMGR-2

Error Message ACLMGR-2-ACLMGR_COMMIT_FAIL: Commit failed: [chars]

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message ACLMGR-2-ACLMGR_NO_ERRDISABLED: [chars] event on interface [chars] ([hex]) allowed to succeed in spite of access-list failure

Explanation Although an access-list operation failed during a port event, the port event still finished successfully because errdisable is disallowed

Recommended Action No action is required.

Error Message ACLMGR-2-EXITING: Exit reason: [chars]

Explanation The ACLMGR service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message ACLMGR-2-INITFAIL: ACLMGR Service Init failed: [chars]

Explanation ACLMGR Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ACLMGR-2-MALLOC_ERROR: Size [dec] bytes

Explanation The ACLMGR service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ACLMGR-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The ACLMGR service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

ACLMGR-3

Error Message ACLMGR-3-ACLMGR_DB_LOCK_MSG: ACL database message, reason: [chars], session 0x%llx, type: [chars]

Explanation ACL PPF database lock acquire/release related message.

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_GSYNC_ERROR: Error occurred during global sync of ACL runtime database to standby, reason: [chars] , [chars]

Explanation ACL snapshot to send the copy of runtime database to standby failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_PPF_ERROR: PPF error: [chars]

Explanation The PPF generated error

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The ACLMGR service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_STAT_CONSOLIDATION_FAILURE: ACL statistic parsing or consolidation failed

Explanation A statistic update failed during the parsing or consolidation step; statistics may have been lost

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_VACL_REDIRECTION_DISABLED_REMOVAL: VACL redirection to interface [chars] ([hex]) disabled: the port has been removed

Explanation A VACL redirection to the port has been deactivated because the port has been removed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_VERIFY_FAIL: Verify failed: [chars]

Explanation The PPF Verify failed

Recommended Action No action is required.

Error Message ACLMGR-3-ACLMGR_COMMIT_FAIL: Commit failed: [chars]

Explanation The PPF commit failed

Recommended Action No action is required.

Error Message ACLMGR-3-MTSError: [chars]

Explanation ACLMGR Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

ACLMGR-4

Error Message ACLMGR-4-ACLMGR_PPF_WARNING: PPF warning: [chars]

Explanation The PPF generated warning

Recommended Action No action is required.

Error Message ACLMGR-4-ACLMGR_VACL_REDIRECTION_DISABLED_PCM: VACL redirection to interface [chars] ([hex]) disabled: the port became a portchannel member

Explanation A VACL redirection to the port has been temporarily deactivated because it is now a member in a port channel

Recommended Action No action is required.

Error Message ACLMGR-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the ACLMGR service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

ACLMGR-6

Error Message ACLMGR-6-ACLMGR_PPF_NOTIF: PPF notification: [chars]

Explanation The PPF generated notification

Recommended Action No action is required.

Error Message ACLMGR-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The ACLMGR service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message ACLMGR-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The ACLMGR service became standby from active mode.

Recommended Action No action is required.

Error Message ACLMGR-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The ACLMGR service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message ACLMGR-6-SERVICE_UP: Initialized [chars]

Explanation The ACLMGR service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message ACLMGR-6-SRVEXIT: ACLMGR Service shutting down gracefully

Explanation ACLMGR Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message ACLMGR-6-SWITCHOVER: Switching Over to other Sup.

Explanation The ACLMGR service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

ACLQOS Messages

This section contains the ACLQOS messages.

ACLQOS-SLOT#-2

Error Message ACLQOS-SLOT#-2-ACLQOS_FAILED: ACLQOS failure: [chars]

Explanation ACLQOS operation failed in the aclqos client

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_INBAND_INTERFACE_FAILURE: Inband interface lif lookup failed ([chars])

Explanation Inband interface lif lookup failed

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_MALLOC_FAILED: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-ACLQOS_OOTR: Tcam resource exhausted: [chars]

Explanation Tcam resources to program acls exhausted

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-2-PPF_FAILED: Database failure: [chars]

Explanation Database operation failed in the aclqos client

Recommended Action No DDTS.

ACLQOS-SLOT#-3

Error Message ACLQOS-SLOT#-3-ACLQOS_CC_INVALID: Invalid Congestion Control parameters: [chars]

Explanation Invalid Congestion Control parameters

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-3-ACLQOS_MCM_ERROR: MCM Message Inconsistent. Please collect MCM and ACLMgr Tech Support for all VDCs

Explanation MCM Message Inconsistent

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-3-ACLQOS_PAUSE_INVALID: Invalid Pause parameters: [chars]

Explanation Invalid Pause parameters

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-3-ACLQOS_QUEUING_ERROR: ACL/QoS queuing error: [chars]

Explanation Internal error in ACL/QoS queuing config

Recommended Action No DDTS.

ACLQOS-SLOT#-4

Error Message ACLQOS-SLOT#-4-ACLQOS_ATOMIC_ERR: [chars]

Explanation Tcam will be overused, please turn off atomic update

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_BC_OVER_THRESHOLD: Bank Chaining enabled: Inst [dec]susagehasreacheditsthreshold'

Explanation Tcam is almost full

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_FC_WARNING: Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: [hex], DID: [hex], SI:[dec], SI_MASK:[dec], RW_VSAN: [dec], RW_VSAN_FLAG: [dec], RW_SID: [hex], RW_SID_FLAG: [dec], RW_DID: [hex]. RW_DID_FLAG: [dec] Cleaning it up.

Explanation Found stale FCoE entry in instance [dec]. VSAN: [dec], SID: 0x[hex], DID: 0x[hex], SI:[dec], SI_MASK:[dec], RW_VSAN:[dec], RW_VSAN_FLAG: [dec], RW_SID: 0x[hex], RW_SID_FLAG:[dec], RW_DID: 0x[hex]. RW_DID_FLAG: [dec] Cleaning it up.

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_MATCH_ALL_MERGE_UPDATE: Warning (match_all merging): [chars]

Explanation Warning (match_all merging)

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_OVER_THRESHOLD: Inst [dec] Tcam [dec] Bank [dec] usage has reached its threshold'

Explanation Tcam is almost full

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUING_COS2Q_INVALID: ACL/QoS invalid queuing policy because of cos map change: [chars] queue [chars], interface [chars]

Explanation Attempted to configure an invalid queuing policy

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_QUEUING_INVALID: ACL/QoS invalid queuing policy: [chars]

Explanation Attempted to configure an invalid queuing policy

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_UNDER_THRESHOLD: Tcam [dec] Bank [dec]'s usage is below the threshold now

Explanation Tcam's usage is below the threshold

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-4-ACLQOS_WARNING: ACLQOS Warning: [chars]

Explanation ACLQOS Warnings

Recommended Action No DDTS.

ACLQOS-SLOT#-5

Error Message ACLQOS-SLOT#-5-ACLQOS_DISRUPTIVE_IPv6_UPDATE: Disruptive update of IPv6 compression entries

Explanation Disruptive IPv6 compression entries update

Recommended Action No DDTS.

Error Message ACLQOS-SLOT#-5-ACLQOS_NON_ATOMIC: Non atomic ACL/QoS policy update done for [chars]

Explanation Non atomic ACL/QoS policy update was done

Recommended Action No DDTS.

ACLTCAM Messages

This section contains the ACLTCAM messages.

ACLTCAM-2

Error Message ACLTCAM-2-ACL_TCAM_ADJ_EXHAUSTED: ACLTCAM failed to program route for VSAN: [dec], SID: [chars] DID: [chars], error: [chars].

Explanation ACLTCAM process experienced a failure while programming route for VSAN [dec] SID [chars] DID [chars] due to resource exhaustion. [chars] is the error code.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_ALMOST_FULL: TCAM close to FULL. [chars] TCAM Usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_CONFIG_READ_FROM_DRIVER_FAILED: [chars] [dec], Error: [hex].

Explanation Unable to read configuration from forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_CONFIG_WRITE_TO_DRIVER_FAILED: [chars] [dec], Error: [hex].

Explanation Unable to write configuration to forwarding engine ASIC driver. [chars] [dec], Error: 0x[hex].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_FLOW_STATS_READ_FAILED: Hardware flow stats read failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).

Explanation Hardware flow stats read failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INCONSISTENT_DATABASE: Database found inconsistent.

Explanation Database found inconsistent.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INCONSISTENT_TCAM_CONTENTS: TCAM contents found inconsistent.

Explanation TCAM contents are found inconsistent.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INIT_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM.

Explanation Initialization failed for forwarding engine ASIC [dec], in [chars] TCAM.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_INIT_REGIONS_FAILED: Initialization failed for forwarding engine ASIC: [dec], [chars] TCAM, [chars] Region.

Explanation Initialization of regions failed for forwarding engine ASIC [dec], in [chars] TCAM, for [chars] Region.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_MALLOC_FAILURE: Memory allocation failed for size [dec].

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message ACLTCAM-2-ACL_TCAM_MTS_FAILURE: MTS operation failed: [chars].

Explanation MTS operation failed. [chars] is the reason.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_MTS_Q_FULL: MTS queue for SAP [dec] is full

Explanation MTS queue for SAP [dec] is full

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_MTS_REGISTRATION_FAILED: MTS registration failed for opCode: [dec].

Explanation MTS registration failed for opCode: [dec].

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_NO_ROUTE: ACLTCAM failed to get route for VSAN: [dec], Rewrite: [chars] DID: [chars] DID MASK: [chars], error: [hex].

Explanation ACLTCAM process experienced a failure while getting route for VSAN [dec] Rewrite [chars] DID [chars] DID Mask [chars]. [hex] is the error code.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_NO_TCAM_LEFT: ACLTCAM resource exhausted for interface : [chars]

Explanation ACLTCAM hardware resource is completely used.

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_FAILED: [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).

Explanation [chars] read from hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_READ_INVALID: Invalid([chars], value: [dec]) TCAM entry read from hardware TCAM (FWD-Engine: [dec], [chars] TCAM, Address: [dec]), Ignoring this entry.

Explanation Invalid([chars], value: [dec]) TCAM entry from hardware TCAM(FWD-Engine: [dec], [chars] TCAM, Address: [dec]) Ignoring this entry

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PHY_TCAM_WRITE_FAILED: [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec], Error: [chars]).

Explanation [chars] write to hardware TCAM failed(ASIC: [dec], [chars] TCAM, Address: [dec], Num Entries: [dec] Error: [chars]).

Recommended Action No action is required.

Error Message ACLTCAM-2-ACL_TCAM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message ACLTCAM-2-PSS_OPEN_FAILED: PSS open failed - [hex].

Explanation Persistent database handle could not obtained for ACLTCAM. [hex] is the error.

Recommended Action No action is required.

Error Message ACLTCAM-2-RECONS_FAILED: Reconstruction of TCAM contents failed during upgrade - [hex].

Explanation During non-disruptive upgrade, the ACLTCAM contents are not properly reconstructed. [hex] is the error.

Recommended Action No action is required.

ACLTCAM-3

Error Message ACLTCAM-3-ACL_TCAM_INV_TCAM_SYNC_ATTEMPT: Attempt to write invalid shadow entry: [dec] ([dec]/[dec]) to TCAM, fwd-engine: [dec] ([chars]), change-array: [dec]/[dec], <MSG_EXPL

Explanation TL Port Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message ACLTCAM-3-ACL_TCAM_MTS_Q_LEAK: Possible MTS buffer leak for SAP [dec]

Explanation Possible MTS buffer leak for SAP [dec]

Recommended Action No action is required.

Error Message ACLTCAM-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-FC2ERROR: [chars]

Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-GENERROR: [chars]

Explanation TL Port Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message ACLTCAM-3-MTSERROR: [chars]

Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-PSSERROR: [chars]

Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message ACLTCAM-3-REGISTER_FAILED: Could not register to MTS opcode [chars] - error [hex].

Explanation ACLTCAM process could not register to the notifications mentioned by [chars]. [hex] is the error.

Recommended Action No action is required.

ACLTCAM-4

Error Message ACLTCAM-4-ACL_TCAM_BELOW_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) fell below [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] fell below [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_BEYOND_THRESHOLD: [chars] TCAM usage ([dec]/[dec]) exceeded [dec]% fwd-eng: [dec], [chars]

Explanation [chars] TCAM usage [dec]/[dec] exceeded [dec] percent on fwd-engine [dec], [chars]

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_INVALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] with statistics: frames = %llu & bytes = %llu was invalidated due to: [chars]

Explanation ACLTCAM process invalidated the flow counter for flow VSAN [dec] SID [hex] DID [hex] with collected stats of [dec] frames and [dev] bytes was invalidated because of reason [[chars]].

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_FLOW_COUNTER_VALIDATED: Flow counter for flow: vsan: [dec], sid: [hex], did: [hex] is now valid

Explanation ACLTCAM process validated the flow counter for flow VSAN [dec] SID [hex] DID [hex].

Recommended Action No action is required.

Error Message ACLTCAM-4-ACL_TCAM_MTS_Q_HIGH: MTS queue for SAP [dec] is close to full

Explanation MTS queue for SAP [dec] is close to full

Recommended Action No action is required.

Error Message ACLTCAM-4-TLPM_ALPA_CACHE_FULL: Translation Port ALPA cache is full. Some new entries may not be cached

Explanation TL Port cache is currently fully populated with active entries. Hence, there is no available cache space to be assigned any newly created alpa entry on a TL Port. This is an informational message.

Recommended Action No action is required.

ACLTCAM-6

Error Message ACLTCAM-6-ACL_TCAM_STATUS: Status: [chars].

Explanation ACLTCAM status is reported as: [chars].

Recommended Action No action is required.

Error Message ACLTCAM-6-MGRCREATED: Translation Port Manager created.

Explanation TL Port Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message ACLTCAM-6-MGREXIT: Translation Port Manager shutting down gracefully.

Explanation TL Port Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message ACLTCAM-6-PORTDOWN: Translation Port [chars] DOWN.

Explanation A port configured as TL Port is DOWN and out of operation. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

Error Message ACLTCAM-6-PORTUP: Translation Port [chars] UP.

Explanation A port configured as TL Port is UP and operational. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

ACL Messages

This section contains the ACL messages.

ACL-2

Error Message ACL-2-ACL_HA_FAILURE: Failed to do high availability operation: [chars].

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_INIT_FAILED: Initialization failed for ACL: [chars], reason: [hex].

Explanation Initialization failed for ACL due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message ACL-2-ACL_LINECARD_STATUS: Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Explanation Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action No action is required.

Error Message ACL-2-ACL_MTS_FAILURE: Failed to do MTS operation: [chars].

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_MTS_Q_FULL: MTS queue for SAP [dec] is full

Explanation MTS queue for SAP [dec] is full

Recommended Action No action is required.

Error Message ACL-2-ACL_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message ACL-2-ACL_PENDING_MSG_ARR_FULL: ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]

Explanation ACL Upgrade Pending Messages Array is Full with [dec] messages. Failing the MTS message with Opc: [dec], RR_TOKEN: [hex]

Recommended Action No action is required.

Error Message ACL-2-ACL_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message ACL-2-ACL_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message ACL-2-ACL_RUNTIME_FAILURE: [chars] [dec], Error: [hex]

Explanation ACL runtime failure is reported as [chars] [dec], reason: [hex].

Recommended Action No action is required.

Error Message ACL-2-ACL_TCAM_FAILURE: Failed to do TCAM operation: [chars].

Explanation Failed to do TCAM operation. [chars] is the reason.

Recommended Action No action is required.

ACL-3

Error Message ACL-3-ACL_MTS_Q_LEAK: Possible MTS buffer leak for SAP [dec]

Explanation Possible MTS buffer leak for SAP [dec]

Recommended Action No action is required.

ACL-4

Error Message ACL-4-ACL_MTS_Q_HIGH: MTS queue for SAP [dec] is close to full

Explanation MTS queue for SAP [dec] is close to full

Recommended Action No action is required.

Error Message ACL-4-ACL_WARNING: [chars] [dec]

Explanation ACL warning messages is reported as [chars] [dec].

Recommended Action No action is required.

ACL-5

Error Message ACL-5-ACL_ADJ_SHARING_STATUS: Successfully completed [chars] on Generation 2 linecards.

Explanation Successfully completed the command \[chars] on Generation 2 linecards.

Recommended Action No action is required.

ACL-6

Error Message ACL-6-ACL_DIAG_EVENT_STATUS: [chars] [hex].

Explanation ACL system health management event status is reported as [chars] [hex].

Recommended Action No action is required.

Error Message ACL-6-ACL_E_PORT_EVENT_STATUS: [chars] [chars].

Explanation ACL xEport event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_FCC_EVENT_STATUS: [chars] [chars].

Explanation ACL FCC event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_LINECARD_EVENT_STATUS: [chars] [hex].

Explanation ACL linecard event status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ACL-6-ACL_MCAST_EVENT_STATUS: [chars] [chars].

Explanation ACL multicast event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_NX_PORT_EVENT_STATUS: [chars] [chars].

Explanation ACL Nx Port event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_PORT_MODE_EVENT_STATUS: [chars] [chars].

Explanation ACL portmode event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_RUNTIME_STATUS: [chars] [dec]

Explanation ACL runtime status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ACL-6-ACL_SPAN_DEST_CONFIG_STATUS: [chars] [chars].

Explanation ACL SPAN destination config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_SPAN_SRC_CONFIG_STATUS: [chars] [chars].

Explanation ACL SPAN source config event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_STATUS: ACL Status: [chars].

Explanation ACL status is reported as [chars].

Recommended Action No action is required.

Error Message ACL-6-ACL_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].

Explanation ACL update SSRAM for QoS event status is reported as [chars] [chars].

Recommended Action No action is required.

AGNI-DPP Messages

This section contains the AGNI-DPP messages.

AGNI-DPP-2

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_2HEX: [chars] [hex] [hex]

Explanation Print a string and 1 value

Recommended Action No action is required.

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_HEX: [chars] [hex]

Explanation Print a string and 1 value

Recommended Action No action is required.

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_INT: [chars] [dec]

Explanation Print a string and 1 value

Recommended Action No action is required.

Error Message AGNI-DPP-2-AGNI_DPP_PRINT_STR: [chars] [chars]

Explanation Print a string and 1 value

Recommended Action No action is required.

Error Message AGNI-DPP-2-AGNI_DPP_PRINT: [chars]

Explanation Print a string

Recommended Action No action is required.

AGNI-DPP-6

Error Message AGNI-DPP-6-AGNI_DPP_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

AGNIL2F Messages

This section contains the AGNIL2F messages.

AGNIL2F-6

Error Message AGNIL2F-6-AGNIL2F_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ALI_LC Messages

This section contains the ALI_LC messages.

ALI_LC-2

Error Message ALI_LC-2-INIT_FAIL: [chars]

Explanation Initialization failed

Recommended Action No action is required.

Error Message ALI_LC-2-INTERNAL_PORT_FAILURE: Internal port [dec] reinit failed due to [chars]

Explanation An Internal port number [dec] on the board has failed due to reason [chars]. The corresponding ethernet port may become unusable

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ALI_LC-2-INTERNAL_PORT_REINIT: Internal port [dec] has been reinitialized due to [chars]

Explanation An Internal port number [dec] on the board was reinitialized due to reason [chars]. The corresponding ethernet port may experience some packet drops

Recommended Action No action is required.

Error Message ALI_LC-2-MTS_FAILURE: [chars]

Explanation MTS send/receive failed

Recommended Action No action is required.

AMM Messages

This section contains the AMM messages.

AMM-SLOT#-0

Error Message AMM-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation AMM failed to initialize CLI infrastructure\backendlibrary.Thisisafatalerror.'

Recommended Action No action is required.

Error Message AMM-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation AMM failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

AMM-SLOT#-2

Error Message AMM-SLOT#-2-AMM_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message AMM-SLOT#-2-AMM_RECOVERY_ERROR: Error in Recovery: [chars]

Explanation AMM failed to recover after a re-start. This is a fatal error.

Recommended Action No action is required.

AMM-SLOT#-6

Error Message AMM-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation AMM has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

APP EMULATOR Messages

This section contains the APP EMULATOR messages.

APP EMULATOR-SLOT#-5

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_DPP_DEAD: VSAN : [dec] VT pWWN : [chars] DPP died

Explanation The DPP associated with the Virtual Target has crashed

Recommended Action No action is required.

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_VT_ACT_FAILED: VSAN : [dec] VT pWWN : [chars] VT Activate failed

Explanation The activate step for a Virtual Target has failed

Recommended Action No action is required.

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_VT_CREATE_FAIL: VSAN : [dec] VT pWWN : [chars] VT and NPort creation FAILED !!!

Explanation The Virtual Target and nport creation failed

Recommended Action No action is required.

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_VT_DESTROYED: VSAN : [dec] Virtual Target : [chars] Deleted

Explanation The Virtual Target in the associated VSAN is being destroyed

Recommended Action No action is required.

Error Message APP EMULATOR-SLOT#-5-LOG_ERR_EMULATOR_VT_VSAN_DOWN: VSAN :[dec] VT pWWN :[chars] VSAN down

Explanation The VSAN where the Virtual Target is configured is down

Recommended Action No action is required.

ARBITER Messages

This section contains the ARBITER messages.

ARBITER-2

Error Message ARBITER-2-CATASTROPHIC_FAILURE: Arbiter Catastrophic interrupt:[chars]

Explanation Arbiter triggered Catastrophic error interrupt

Recommended Action Please contact your support representative

Error Message ARBITER-2-MBIST_FAIL: Arbiter MBIST failed:[chars]

Explanation Arbiter failed built in self test

Recommended Action Please contact your support representative

ASCII-CFG Messages

This section contains the ASCII-CFG messages.

ASCII-CFG-2

Error Message ASCII-CFG-2-ACFG_CONFIGURATION_APPLY_ERROR: Error encountered while Ascii configuration was being applied. Please use show startup-config log to view details

Explanation At least one command failed while Ascii configuration was being applied

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_LIB_INVOKE_ERR: Ascii config library invocation error: [chars]

Explanation Error encountered while library function was being invoked to display Ascii configuration

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_OPER_FAIL: Operation failed because of [chars]

Explanation Operation failed

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_ROLLBACK_FAILED: Rollback to checkpoint [chars] Failed, Going to undo the changes (atomic option)

Explanation Rollback operation failed for atomic option

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_ROLLBACK_UNDO_FAILED: Undo failed for atomic Rollback, Please correct the error manually and retry rollback

Explanation Undoing the rollback changes (for atomic behavior) Failed

Recommended Action No action is required.

Error Message ASCII-CFG-2-ACFG_SYSLOG_INIT_FAILED: Ascii config Syslog Init Error

Explanation Error encountered while Initializing Syslog for Ascii Config

Recommended Action No action is required.

Error Message ASCII-CFG-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ASCII-CFG-3

Error Message ASCII-CFG-3-ACFG_MTSERROR: [chars]

Explanation Ascii-cfg-server (rollback process) encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

ASCII-CFG-6

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_CLEAR_DATABASE: cleared all the configuration checkpoints

Explanation Cleared all the configuration checkpoints

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_CREATED: Created configuration checkpoint [chars]

Explanation Created configuration checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_CHECKPOINT_DELETED: Deleted configuration checkpoint [chars]

Explanation Deleted configuration checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_MAX_CHECKPOINTS: Maximum no of checkpoints reached, Removing the oldest checkpoint

Explanation Maximum no.of checkpoints reached, removing the oldest checkpoint

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_ROLLBACK_ATOMIC: Performing configuration rollback to checkpoint [chars] (with atomic option)

Explanation Performing configuration rollback with atomic option

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_ROLLBACK_BEST: Performing configuration rollback to checkpoint [chars] (with best-effort option)

Explanation Performing configuration rollback with best-effort option

Recommended Action No action is required.

Error Message ASCII-CFG-6-ACFG_ROLLBACK_FIRST_ERR: Performing configuration rollback to checkpoint [chars] (with stop-at-first failure option)

Explanation Performing configuration rollback with stop-at-first-failure option

Recommended Action No action is required.

Error Message ASCII-CFG-6-INFORMATION: [chars]

Explanation An event happend that affects Acfg-Rollback. [chars] indicates the event

Recommended Action No action is required.

Error Message ASCII-CFG-6-PSS_ERR: [chars]

Explanation An error occurred during an Acfg PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ASSOC MGR Messages

This section contains the ASSOC MGR messages.

ASSOC MGR-0

Error Message ASSOC_MGR-0-EMERGENCY_MSG: [chars]

Explanation Association Manager Emergency Message

Recommended Action Please file the bug for Association Manager Component thro' CDETS

ASSOC MGR-1

Error Message ASSOC_MGR-1-ALERT_MSG: [chars]

Explanation Association Manager Alert Message

Recommended Action Association Manager Internal Operation Alert

ASSOC MGR-2

Error Message ASSOC_MGR-2-CRITICAL_MSG: [chars]

Explanation Association Manager Critical Message

Recommended Action No action is required.

ASSOC MGR-3

Error Message ASSOC_MGR-3-ERROR_MSG: [chars]

Explanation Association Manager Error Message

Recommended Action No action is required.

ASSOC MGR-4

Error Message ASSOC_MGR-4-WARN_MSG: [chars]

Explanation Association Manager Warning Message

Recommended Action No action is required.

ASSOC MGR-5

Error Message ASSOC_MGR-5-NOTIF_MSG: [chars]

Explanation Association Manager Notification Message

Recommended Action No action is required.

ASSOC MGR-6

Error Message ASSOC_MGR-6-ASSOC_ACTIVATED: Association Activated for vlan id:[dec]
<--> vsan id:[dec]

Explanation Association Activated

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_CREATED: Association Created for vlan id:[dec] <--> vsan id:[dec]

Explanation Association Created

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_DEACTIVATED: Association Deactivated for vlan id:[dec] <--> vsan id: [dec]

Explanation Association Deactivated

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_DELETED: Association Deleted for vlan id: [dec] <--> vsan id: [dec]

Explanation Association Deleted

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_MGR_STATEFULL_RESTART: Association Manager Statefull Restart

Explanation Association Manager Stateful Restart

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_MGR_STATELESS_RESTART: Association Manager Stateless Restart

Explanation Association Manager Stateless Restart

Recommended Action No action is required.

Error Message ASSOC_MGR-6-ASSOC_OPER_STATUS_CHG: Association status for vlan id:[dec] <--> vsan id: [dec] changed from [chars] to [chars]

Explanation Association Operational State Change

Recommended Action No action is required.

Error Message ASSOC_MGR-6-INFO_MSG: [chars]

Explanation ASSOC Manager Informational Message

Recommended Action No action is required.

ASSOC MGR-7

Error Message ASSOC_MGR-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

ATLANTIS_APP Messages

This section contains the ATLANTIS_APP messages.

ATLANTIS_APP-SLOT#-2

Error Message ATLANTIS_APP-SLOT#-2-ATLANTIS_APP_EXITED: Atlantis driver application exited (syserr = [dec], errno = [dec])

Explanation Atlantis driver application exited

Recommended Action No action is required.

AZUMA Messages

This section contains the AZUMA messages.

AZUMA-2

Error Message AZUMA-2-DPFPGA_HW_PROG_FAIL: DPFPGA [dec] hardware initialization failed - [chars]

Explanation DPFPGA hardware initialization failure

If hardware configure fails, please do the parallel epld upgrade again.

AZUMA-6

Error Message AZUMA-6-DPFPGA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

BET Messages

This section contains the BET messages.

BET-6

Error Message BET-6-BET_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

BFDC Messages

This section contains the BFDC messages.

BFDC-SLOT#-2

Error Message BFDC-SLOT#-2-BFDC_GENERAL_FAILURE: General failure. [chars]

Explanation General failure. This is a critical failure

Recommended Action No DDTS.

Error Message BFDC-SLOT#-2-BFDC_MALLOC_FAILED: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No DDTS.

Error Message BFDC-SLOT#-2-BFDC_MTS_FAILURE: MTS failure. [chars]

Explanation MTS related failure. This is a critical failure

Recommended Action No DDTS.

BFD Messages

This section contains the BFD messages.

BFD-3

Error Message BFD-3-REACHED_CAPACITY_LIMIT: BFD session [chars] creation on interface [chars] failed due to capacity limit [dec]

Explanation BFD session [chars] creation on interface [chars] failed due to current capacity limit [dec]

Recommended Action Please remove current bfd sessions to make room for new ones

Error Message BFD-3-SESSION_ACL_INSTALL_GAVE_UP: BFD session [chars] installation failed due to ACL installation failure interface [chars]

Explanation BFD session [chars] installation failed due to ACL installation failure interface [chars]

Recommended Action Maximum acl install retries exceeded. Please to free up acl resources

Error Message BFD-3-SESSION_ACL_REMOVE_GAVE_UP: BFD session [chars] removal failed due to ACL removal failure interface [chars]

Explanation BFD session [chars] removal failed due to ACL removal failure interface [chars]

Recommended Action Maximum acl removal retries exceeded. Please manually remove bfd sessions

Error Message BFD-3-SESSION_CREATE_FAIL: Failed to create BFD session to neighbor [chars] over interface [chars]. Reason [chars]

Explanation Failed to create BFD session to neighbor [chars] over interface [chars] Reason [chars]

Recommended Action SYSLOGDPC_NO_ACTION

BFD-4

Error Message BFD-4-INVALID_NBR: Attempt to BFD session failed for application [chars].

Explanation Attempt to BFD session failed for application [chars].

Recommended Action No action is required.

Error Message BFD-4-SESSION_DELETE_FAIL: Attempt to delete BFD session for neighbor [chars] failed: Reason [chars] ([hex]).

Explanation Attempt to delete BFD session for neighbor [chars] failed: Reason [chars] (0x[hex]).

Recommended Action No action is required.

BFD-5

Error Message BFD-5-BFD_DISABLED: BFD Disabled

Explanation BFD Service Disabled

Recommended Action No action is required.

Error Message BFD-5-BFD_ENABLED: BFD Enabled

Explanation BFD Service enabled

Recommended Action No action is required.

Error Message BFD-5-SESSION_ACTIVE_PARAMS_CHANGE: Local parameter of BFD session [hex] has changed [chars]

Explanation Local parameter of BFD session 0x[hex] has changed [chars]

Recommended Action No action is required.

Error Message BFD-5-SESSION_CREATED: BFD session to neighbor [chars] on interface [chars] has been created

Explanation BFD session to neighbor [chars] on interface [chars]

Recommended Action No action is required.

Error Message BFD-5-SESSION_LOCAL_PARAMS_CHANGE: Local parameter of BFD session [hex] has changed [chars]

Explanation Local parameter of BFD session 0x[hex] has changed [chars]

Recommended Action No action is required.

Error Message BFD-5-SESSION_MOVED: BFD session [hex]: [chars]

Explanation BFD session 0x[hex]: [chars]

Recommended Action No action is required.

Error Message BFD-5-SESSION_NO_RESOURCES: No resource for session to neighbor [chars] on interface [chars]

Explanation The BFD session can not be created or modified due to lack of resources. [[[It has reached the maximum number of packets per second allowed on the linecard.]]] No resources for session to neighbor [chars]

Recommended Action Remove other BFD sessions [[[or reduce the Tx/Rx timers]]] to free resources for this session

Error Message BFD-5-SESSION_REMOVED: BFD session to neighbor [chars] on interface [chars] has been removed

Explanation BFD session to neighbor [chars] on interface [chars]

Recommended Action No action is required.

Error Message BFD-5-SESSION_STATE_DOWN: BFD session [chars] to neighbor [chars] on interface [chars] has gone down. Reason: [hex].

Explanation BFD session [chars] to neighbor [chars] on interface [chars] has gone down. Reason: 0x[hex]. This may be as a result of the forwarding path being down.

Recommended Action No action is required.

Error Message BFD-5-SESSION_STATE_UP: BFD session [chars] to neighbor [chars] on interface [chars] is up.

Explanation BFD session [chars] to neighbor [chars] on interface [chars] is up.

Recommended Action No action is required.

BFD-6

Error Message BFD-6-SESSION_ACL_INSTALL_FAILED: BFD session [chars] failed due to missing ACL resources for interface [chars]

Explanation BFD session [chars] failed due to missing ACL resources for interface [chars]

Recommended Action No action is required.

Error Message BFD-6-SESSION_ACL_REMOVE_FAILED: BFD session [chars] removal failed due to missing ACL resources for interface [chars]

Explanation BFD session [chars] removal failed due to missing ACL resources for interface [chars]

Recommended Action No action is required.

BIOS DAEMON Messages

This section contains the BIOS DAEMON messages.

BIOS DAEMON-2

Error Message BIOS_DAEMON-2-BIOS_DAEMON_FLASH_WARNING: Flash chip not supported by running image. Skipping bios upgrade.

Explanation BIOS CHIP NOT SUPPORTED

Recommended Action No action is required.

Error Message BIOS_DAEMON-2-BIOS_DAEMON_PRI_BOOT_FAIL: System booted from Alternate BIOS Flash

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

Error Message BIOS_DAEMON-2-BIOS_DAEMON_SUP_ERROR: BIOS Sector ([dec]) is write protected

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

BIOS DAEMON-5

Error Message BIOS_DAEMON-5-BIOS_DAEMON_PRI_BOOT: System booted from Primary BIOS Flash

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

BIOS DAEMON-SLOT#-2

Error Message BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_ERROR: BIOS Sector ([dec]) is write protected

Explanation BIOS WRITE PROTECTED

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message BIOS_DAEMON-SLOT#-2-BIOS_DAEMON_LC_PRI_BOOT_FAIL: System booted from Alternate BIOS Flash

Explanation Boot from Alternate

Recommended Action SYSLOGDOC_NOACTION

BIOS DAEMON-SLOT#-5

Error Message BIOS_DAEMON-SLOT#-5-BIOS_DAEMON_LC_PRI_BOOT: System booted from Primary BIOS Flash

Explanation Boot from Primary

Recommended Action SYSLOGDOC_NOACTION

BLOGGERD Messages

This section contains the BLOGGERD messages.

BLOGGERD-2

Error Message BLOGGERD-2-BLOGGERD_SYSLOG_TRANSFER_ERROR_DISABLED: [chars]

Explanation Blogger Log Transfer has been error disabled

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

BLOGGERD-3

Error Message BLOGGERD-3-BLOGGERD_INVALID_VDC: At [chars]([dec]) Invalid VDC [dec]

Explanation Invalid VDC ID

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message BLOGGERD-3-BLOGGERD_LOG_DUMP_THROTTLED: VDC [dec] Comp: [chars] Buf_uuid: [dec] Buf_inst: [dec] sap: [chars]. Please collect showsysteminternalsdwrapbufferssap[dec]detailed'frommodule[dec]Wiki:https://and-sw-web.cisco.com/twiki/bin/view/Sw/LogDumpThrottle'

Explanation Log Dump Throttled

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_MOVE_LOGS_SCRIPT_NOT_FOUND: At [chars]([dec])
Move Logs Script Not Found at [chars]`

Explanation Move Log Script Not Found

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_PATH_NOT_FOUND: At [chars]([dec]) Path [chars]
NOT found`

Explanation Required Path Not Found

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_SYSLOG_CONFIG_PULL_FAILED: At [chars]([dec])
Config Pull Failed. Returned [hex]([chars])`

Explanation Blogger Config Pull Failed

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_SYSLOG_MTS_UNDROP: MTS is not dropped by Node
[hex] SAP [dec]`

Explanation MTS not dropped

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_SYSLOG_PSS_FAILURE: At [chars]([dec]) Internal
PSS Error. Returned: [hex]([chars])`

Explanation PSS Operation Failed

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_SYSLOG_SDWRAP_INIT_FAILED: At [chars]([dec])
sdwrap initialization failed. Returned: [hex]([chars])`

Explanation SDWrap Debug Init failed

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message `BLOGGERD-3-BLOGGERD_SYSLOG_THREAD_CREATE_FAILED: At [chars]([dec])
Thread Creation Failed [hex] errno: [dec]([chars])`

Explanation Thread Creation Failed

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

BLOGGERD-4

Error Message BLOGGERD-4-BLOGGERD_FLOW_CONTROL_ENABLED: Temporarily suspending BloggerD Log Transfer from Modules due to lack of space (available: %ld MB) on Active SUP

Explanation Flow Control Enabled. Transfer from Modules temporarily suspended

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

Error Message BLOGGERD-4-BLOGGERD_FLOW_CONTROL_RESET: Revoking temporary Log Transfer Suspension from Modules. Space available now: %ld MB

Explanation Flow Control Reset. Transfer from Modules re-enabled

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

BLOGGERD-6

Error Message BLOGGERD-6-BLOGGERD_INFO: [chars]

Explanation Info

Recommended Action Please collect BloggerD tech support using showtechbloggerd-all"

BOOTUP TEST Messages

This section contains the BOOTUP TEST messages.

BOOTUP TEST-2

Error Message BOOTUP_TEST-2-EOBC_FAIL: Module [dec] has failed test [chars] on EOBC due to error [chars]

Explanation Online diagnostics EOBC test has failed

Recommended Action No action is required.

Error Message BOOTUP_TEST-2-EOBC_SKIP: Module [dec] has failed test [chars] on EOBC due to error [chars]

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

Error Message BOOTUP_TEST-2-MGMT_PORT_FAIL: Module [dec] has failed test [chars] on Management Port due to error [chars]

Explanation Online diagnostics ManagementPort test has failed

Recommended Action No action is required.

Error Message BOOTUP_TEST-2-MGMT_PORT_SKIP: Module [dec] has skipped test [chars] on Management Port due to error [chars]

Explanation Online diagnostics ManagementPort test is skipped

Recommended Action No action is required.

BOOTVAR Messages

This section contains the BOOTVAR messages.

BOOTVAR-2

Error Message BOOTVAR-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate memory.

Recommended Action Check if the system is low on memory, if so reset the switch.

Error Message BOOTVAR-2-AUTOCOPY_FAILED: Autocopy of file [chars] to standby failed. [chars] (Error-id: [hex])

Explanation The image deemed to be copied to standby via the auto-copy feature failed.

Recommended Action Check error id for specified reason.

Error Message BOOTVAR-2-AUTOSYNC_FAILED: Image autosync failed. Reason: [chars] ([hex])

Explanation Image synchronization failed.

Recommended Action Check that there is enough space on the flash, as well as system high availability status.

Error Message BOOTVAR-2-CONFIG_ERROR: Failed to update boot configuration

Explanation An error has occurred during the update of the boot configuration files

Recommended Action Check that there is enough space on the flash, show boot to check the configured image names, show loader internal configuration to compare them with the current boot loader configuration, if they are not coherent do write erase and retry to save the configuration.

Error Message BOOTVAR-2-IMAGE_NOT_COMPATIBLE: Warning: image [chars] is not compatible with the current platform in SUP [dec]

Explanation The input image name is not compatible with the current platform.

Recommended Action Make sure a right image is specified before reboot.

BOOTVAR-3

Error Message BOOTVAR-3-AUTOCOPY_FAILED_STANDBY_FULL: Autocopy of file [chars] to standby failed due to not enough disk space on standby

Explanation There is not enough disk space on the standby for the file to be copied.

Recommended Action Clear space on the standby disk.

Error Message BOOTVAR-3-INIT_FAILED: Initialization failed: Component [chars]

Explanation The service failed to start The failure occurs during initialization of the component [chars].

Recommended Action Show processes to check the status of the other processes, pay attention to the specified component.

Error Message BOOTVAR-3-LOAD_VERIFY_LIB_FAILED: Fetching library [chars] failed, reason=[chars]

Explanation Failed to load bootvar specified verification library.

Recommended Action No action is required.

Error Message BOOTVAR-3-MODULE_LOCK_FAIL: Unable to get module lock, please don't reload <error-id:[hex]>

Explanation Unable to acquire modlock to prevent user to reload during auto-sync.

Recommended Action No action is required.

Error Message BOOTVAR-3-NEIGHBOR_REJECT_AUTOCOPY: auto-copy failed - not supported by neighbor supervisor.

Explanation Standby supervisor does not support auto-copy, thus failed.

Recommended Action No action is required.

Error Message BOOTVAR-3-VERIFY_FAILED: Image [chars] for bootvar [chars] verification failed, reason=[chars]

Explanation The image set for this bootvar has failed the verification process, this is just a warning.

Recommended Action Check reason to determine actions.

BOOTVAR-5

Error Message BOOTVAR-5-AUTOCOPY_SUCCEED: auto-copy of file [chars] to standby supervisor succeed

Explanation Auto copy of the file succeed, image integrity verified by standby.

Recommended Action No action is required.

Error Message BOOTVAR-5-AUTOCOPY_VERIFY_SEND_FAILED: Unable to ask standby to verify file [chars], error = [hex]

Explanation Upon copied the image to standby, failed to send message to ask standby to verify integrity.

Recommended Action Turn auto-copy off and back on.

Error Message BOOTVAR-5-AUTOSYNC_DONE: Image autosync done

Explanation The image synchronization done successfully.

Recommended Action No action is required.

Error Message BOOTVAR-5-AUTOSYNC_REBOOT: Rebooting standby after successful autosync

Explanation Image autosync has been successful, resetting the standby supervisor to load the new image.

Recommended Action Check that the standby sup reloads correctly.

Error Message BOOTVAR-5-AUTOSYNC_START: Starting image autosync. Please wait until completion...

Explanation The standby-sup has requested the sync of the current image.

Recommended Action No action is required.

Error Message BOOTVAR-5-IMAGE_NOTEXISTS: Warning: image [chars] doesn't exist on sup[dec]

Explanation The input image name doesn't exist on the specified supervisor.

Recommended Action Check whether the input image name you entered exists and make sure that you have the image on the flash before reboot.

Error Message BOOTVAR-5-NEIGHBOR_UPDATE_AUTOCOPY: auto-copy supported by neighbor supervisor, starting...

Explanation Info log reporting standby's support of auto-copy. Auto-copy is being started.

Recommended Action No action is required.

BOOTVAR-6

Error Message BOOTVAR-6-ALREADY_IN_SYNC: Image already in sync

Explanation No need to update the image on the standby-sup.

Recommended Action No action is required.

Error Message BOOTVAR-6-AUTOCOPY_DID_NOT_START: Autocopy of file [chars] to standby did not start. [chars] (Error-id: [hex])

Explanation Autocopy of the file did not start as the remote copy location does not exist

Recommended Action No action is required.

Error Message BOOTVAR-6-CONFIG_UPDATED: Boot configuration updated

Explanation The boot-loader configuration files have been successfully updated.

Recommended Action No action is required.

Error Message BOOTVAR-6-STARTING: Boot configuration initialized

Explanation The service has successfully started.

Recommended Action No action is required.

CALLHOME Messages

This section contains the CALLHOME messages.

CALLHOME-2

Error Message CALLHOME-2-EVENT: [chars]

Explanation Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error

Error Message CALLHOME-2-PROGRAM_EXIT: callhome process ending: [chars]

Explanation Callhome process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CALLHOME-3

Error Message CALLHOME-3-CALLHOME_CFS_MERGE_OPERATION_FAILED: [chars]

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CALLHOME-3-CALLHOME_CFS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CALLHOME-3-CALLHOME_MAX_ALERT_MSG: [chars]

Explanation [chars]

Recommended Action Please check the reason for the generation of the callhome messages and rectify the problem

Error Message CALLHOME-3-EVENT_PROCESS_ERROR: error in processing callhome event [chars] reason:[chars]

Explanation Error in processing callhome event [chars] reason:[chars]

Recommended Action Please check your callhome configuration for proper configuration. Please check SMTP server address, email addresses for destination profiles and enable status of callhome. Use "show callhome" commands for displaying configuration.

Error Message CALLHOME-3-MESSAGE_SIZE_EXCEED: message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]

Explanation Message size for callhome alert:[chars] exceeds maximum limit for destination profile:[chars]

Recommended Action Please check the maximum message size for the destination profile under question. Increase it if possible to match the maximum limit allowed by your email destinations.

CALLHOME-6

Error Message CALLHOME-6-NONCRIT_EVENT: [chars]

Explanation Non-critical Callhome event [chars] occurred.

Recommended Action If you have configured your email address to receive callhome notifications, please check your email for more details about this callhome event. If callhome was not enabled, please execute CLI commands relevant to the callhome event to get more information about the error

CARDCLIENT Messages

This section contains the CARDCLIENT messages.

CARDCLIENT-2

Error Message CARDCLIENT-2-CARDCL_CRIT: [chars]

Explanation CardClient Critical Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CARDCLIENT-2-ONL: [chars]

Explanation Online Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CARDCLIENT-2-REG: [chars]

Explanation CardClient Console Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CARDCLIENT-2-SSE: [chars]

Explanation CardClient Console Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CARDCLIENT-3

Error Message CARDCLIENT-3-CARDCL_ERR: [chars]

Explanation CardClient Error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CARDCLIENT-3-CARDCL_INFO: [chars]

Explanation CardClient Flow Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CARDCLIENT-SLOT#-2

Error Message CARDCLIENT-SLOT#-2-ERR: [chars]

Explanation CardClient Remote Syslog msg

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CARDCLIENT-SLOT#-2-IMG_ERR: [chars]

Explanation CardClient Remote Syslog msg

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CDP Messages

This section contains the CDP messages.

CDP-2

Error Message CDP-2-INITFAIL: CDP Daemon Initialization failed: [chars]

Explanation CDP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

CDP-3

Error Message CDP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation CDP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CDP-3-GENERROR: [chars]

Explanation CDP Daemon encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message CDP-3-MCASTBINDFAIL: Failed to bind for CDP multicast address on interface [hex] - [chars]

Explanation An attempt to register for packets destined to the CDP multicast address failed. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-MTSError: [chars]

Explanation CDP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message CDP-3-PKTRECVFAIL: Failed to receive packet - [chars]

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-PKTSENFFAIL: Failed to send packet, interface [hex] - [chars]

Explanation Failed to send packet. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-PSSERROR: [chars]

Explanation CDP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CDP-3-SOCKBINDFAIL: Failed to bind to raw socket, interface [hex] - [chars]

Explanation Failed to bind to raw socket. [dec] identifies the interface [char] identifies the reason.

Recommended Action No action is required.

Error Message CDP-3-SOCKOPENFAIL: Failed to open socket for receiving raw 802_2 packets - [chars]

Explanation An attempt to open a socket for receiving raw 802_2 packets failed. [char] identifies the reason.

Recommended Action No action is required.

CDP-4

Error Message CDP-4-DUPLEX_MISMATCH: Duplex mismatch discovered on [chars], with [chars]

Explanation Duplex mismatch discovered from the received cdp packet This is a warning message.

Recommended Action No action is required.

Error Message CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on [chars]([dec]), with [chars]([dec])

Explanation Native VLAN mismatch discovered This is a warning message.

Recommended Action No action is required.

CDP-5

Error Message CDP-5-DISABLED: CDP is disabled

Explanation CDP is disabled on the device.

Recommended Action No action is required.

Error Message CDP-5-ENABLED: CDP is enabled

Explanation CDP is enabled on the device.

Recommended Action No action is required.

Error Message CDP-5-NEIGHBOR_ADDED: Device [chars] discovered of type [chars] with port [chars] on incoming port [chars] with ip addr [chars] and mgmt ip [chars]

Explanation Discovered a neighbor device. This is an informational message.

Recommended Action No action is required.

Error Message CDP-5-NEIGHBOR_REMOVED: CDP Neighbor [chars] on port [chars] has been removed

Explanation Deleted a neighbor device. This is an informational message.

Recommended Action No action is required.

CDP-6

Error Message CDP-6-CDPDUP: CDP Daemon Up.

Explanation CDP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-CDPEXIT: CDP Daemon shutting down gracefully.

Explanation CDP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTDISABLE: CDP disabled on port [chars]

Explanation CDP was disabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTDOWN: A CDP enabled port [chars] went down.

Explanation A CDP enabled port became un-operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTENABLE: CDP enabled on port [chars]

Explanation CDP was enabled on a given port. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

Error Message CDP-6-PORTUP: A CDP enabled port [chars] came up.

Explanation A CDP enabled port became operational. [chars] is the interface-ID string that identifies the port. This is an informational message.

Recommended Action No action is required.

CERT_ENROLL Messages

This section contains the CERT_ENROLL messages.

CERT_ENROLL-2

Error Message CERT_ENROLL-2-CERT_EN_PROGRAM_EXIT: cert_enroll daemon exiting: [chars]

Explanation Cert_enroll daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CERT_ENROLL-3

Error Message CERT_ENROLL-3-CERT_EN_ERROR_MESSAGE: [chars]

Explanation CERT_ENROLL Error Message

Recommended Action No action is required.

Error Message CERT_ENROLL-3-CERT_EN_FIPS_MODE_INIT_ERROR: Could not initialize FIPS mode : [chars]

Explanation FIPS mode initialization error

Recommended Action No action is required.

CERT_ENROLL-6

Error Message CERT_ENROLL-6-CERT_EN_MESSAGE: [chars]

Explanation CERT_ENROLL Message

Recommended Action No action is required.

CFGD Messages

This section contains the CFGD messages.

CFGD-SLOT#-2

Error Message CFGD-SLOT#-2-7: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard.

CFS Messages

This section contains the CFS messages.

CFS-2

Error Message CFS-2-CFS_REJECT: CFS reject: [chars]: Switch WWN [chars], ip [chars], reason [chars]

Explanation CFS reject: [chars] Switch WWN [chars], ip [chars], reason [chars]

Recommended Action No action is required.

Error Message CFS-2-EXITING: Exit reason: [chars]

Explanation The CFS service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message CFS-2-GENERAL_ERROR: [chars]

Explanation The CFS service has encountered an critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message CFS-2-INITFAIL: CFS Service Init failed: [chars]

Explanation CFS Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message CFS-2-LOCK_FAILED: lock failed for sap [dec] due to internal error.

Explanation Lock failed due to Unrestricted uncoordinated count is out of sync for sap [dec]

Recommended Action To recover from this state run command
cfsinternaldecrement-unrestricted<app-sap

Error Message CFS-2-MALLOC_ERROR: Size [dec] bytes

Explanation The CFS service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CFS-2-MTS_REJECT: Verification failed reject MTS message SAP [dec]:RR-token [hex]

Explanation This MTS message could have been posted by the previous active running pre 3.x; MTS structure has changed since then hence ignore the MTS message, Source SAP [dec]; RR-token [hex]

Recommended Action No action is required.

Error Message CFS-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The CFS service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message CFS-2-VDC_MGR_FAIL: Failed to get a valid switch mac from VDC Manager: [chars]

Explanation VDC manager did not respond with a proper MAC address. It could have been because of a timeout in MTS received

Recommended Action No action is required.

CFS-3

Error Message CFS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation CFS Service is out of dynamic memory. [chars] specifies the context where the failure occurred

Recommended Action No action is required.

Error Message CFS-3-APP_MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars], remote switch wwn [chars].Please check showcfsmergestatusname[chars]'formoreinformation'

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message CFS-3-CFS_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The CFS service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message CFS-3-DBERROR: [chars]

Explanation CFS Service encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-FAILURE_RESPONSE: [chars] [hex]

Explanation CFS Service failed to get response [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-FIPS_TEST_FAILED: FIPS compliance test failed

Explanation FIPS compliance test failed

Recommended Action No action is required.

Error Message CFS-3-GENERROR: [chars]

Explanation CFS Service encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message CFS-3-LICERR: [chars]

Explanation CFS Service failed to get license.

Recommended Action No action is required.

Error Message CFS-3-MERGE_FAILED: Merge failed for app [chars], local switch wwn [chars], ip [chars], remote switch wwn [chars], ip [chars]

Explanation The CFS service has detected a merge failure.

Recommended Action No action is required.

Error Message CFS-3-MTSERROR: [chars]

Explanation CFS Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message CFS-3-PSSERROR: [chars]

Explanation CFS Service encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-TIMEOUT_ERROR: [chars] [hex]

Explanation CFS Service encountered a timeout [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message CFS-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The CFS service has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

CFS-4

Error Message CFS-4-LICEXP: [chars]

Explanation CFS Service license is going to expire. [chars] gives the expected time of expiry

Recommended Action No action is required.

Error Message CFS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the CFS service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

CFS-6

Error Message CFS-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The CFS service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message CFS-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The CFS service became standby from active mode.

Recommended Action No action is required.

Error Message CFS-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.]

Recommended Action No action is required.

Error Message CFS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The CFS service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message CFS-6-GENERAL_EVENT: [chars]

Explanation The CFS service has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message CFS-6-INVALID_CHECKSUM: Received packet from peer on if-index([hex]) with corrupted checksum

Explanation This could be because of errors in the link

Recommended Action No action is required.

Error Message CFS-6-INVALID_IF_INDEX: Received packet on if-index([hex]) which is not recognized by CFS

Explanation The if-index does not match with the if-index used in discovery or we might have already recieved an adjacency cleanup message for this if-index. Check if the if-index is that of the port-channel or a physical if-index

Recommended Action No action is required.

Error Message CFS-6-LOGICAL_DISTRIBUTION_INFO: vsan [dec], source wwn [chars], ip [chars] app-id [dec], session-id [dec], user [chars], [chars]

Explanation Vsan [dec], source wwn [chars], ip [chars], app-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message CFS-6-PHY_DISTRIBUTION_INFO: source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], [chars]

Explanation Source wwn [chars], ip [chars], app-id [dec], session-id [dec], user [chars], event [chars]

Recommended Action No action is required.

Error Message CFS-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of CFS service has been recreated

Recommended Action No action is required.

Error Message CFS-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of CFS Service has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message CFS-6-REGION_CTX_REMOVED: Region info is deleted for [chars]

Explanation [chars] is in logical scope. Regions are supported only physical scope applications

Recommended Action No action is required.

Error Message CFS-6-SERVICE_UP: Initialized [chars]

Explanation The CFS service is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message CFS-6-SRVCREATED: CFS Service created

Explanation CFS Service was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message CFS-6-SRVEXIT: CFS Service shutting down gracefully

Explanation CFS Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message CFS-6-SWITCHOVER: Switching Over to other Sup.

Explanation The CFS service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

CIMSRVPROV Messages

This section contains the CIMSRVPROV messages.

CIMSRVPROV-2

Error Message CIMSRVPROV-2-CIM_SYSLOG_EXIT: Message:[chars] errcode:[dec]

Explanation Exit due to critical error

Recommended Action No action is required.

Error Message CIMSRVPROV-2-CIM_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars]
Destination URI:[chars] errcode:[dec]

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message CIMSRVPROV-2-CIM_SYSLOG_SDWRAP_ERR: Description:[chars]
errcode:[dec]

Explanation Debug infrastructure error

Recommended Action No action is required.

CIMSRVPROV-3

Error Message CIMSRVPROV-3-CIM_SYSLOG_COPY_CONFIG_ERR: Message:[chars]
URI:[chars] errcode:[dec]

Explanation Copy running startup error

Recommended Action No action is required.

Error Message CIMSRVPROV-3-CIM_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars]
errcode:[dec]

Explanation File handling error

Recommended Action No action is required.

Error Message CIMSRVPROV-3-CIM_SYSLOG_MTS_ERR: message [chars]

Explanation MTS message handling error

Recommended Action No action is required.

Error Message CIMSRVPROV-3-CIM_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars]
errcode:[dec]

Explanation PSS handling error

Recommended Action No action is required.

CIMSRVPROV-6

Error Message CIMSRVPROV-6-LOG_CIM_CERTIFICATE_CLEARED: Cleared certificate
[chars]

Explanation Cleared a certificate named [chars].

Recommended Action No action is required.

Error Message CIMSRVPROV-6-LOG_CIM_CERTIFICATE_INSTALLED: Installed certificate
[chars]

Explanation Installed a certificate named [chars].

Recommended Action No action is required.

CLIS Messages

This section contains the CLIS messages.

CLIS-5

Error Message CLIS-5-CLIS_SYSLOG_CMD_REMOVED: Command deleted from the NVDB:
[chars]

Explanation Command removal due to configuration change

Recommended Action No action is required.

CLIS-6

Error Message CLIS-6-CLIS_SYSLOG_CMD_REMOVED: Command deleted from the NVDB:
[chars]

Explanation Command removal due to configuration change

Recommended Action No action is required.

CLK_MGR Messages

This section contains the CLK_MGR messages.

CLK_MGR-2

Error Message CLK_MGR-2-CLK_MGR_FC2_CRIT: CLK_MGR critical error: [chars]

Explanation CLK_MGR fc2 clock synchronization critical error

Recommended Action No action is required.

CLK_MGR-5

Error Message CLK_MGR-5-CLK_MGR_CLI_CONFIG: CLK_MGR clock is synchronized by [chars]
from VDC [dec]

Explanation CLK_MGR clock is synchronized by [chars] from VDC

Recommended Action No action is required.

CLK_MGR-6

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_DISABLED: CLK_MGR timestamp checks
disabled: [chars]

Explanation CLK_MGR timestamp checks disabled

Recommended Action No action is required.

Error Message CLK_MGR-6-CLK_MGR_TSTAMP_CHKS_ENABLED: CLK_MGR timestamp checks
enabled

Explanation CLK_MGR timestamp checks enabled

Recommended Action No action is required.

CLOUD Messages

This section contains the CLOUD messages.

CLOUD-2

Error Message CLOUD-2-PROGRAM_EXIT: cloud-discovery process ending: [chars]

Explanation Cloud-discovery process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CLOUD-3

Error Message CLOUD-3-CLOUD_CFS_MERGE_OPERATION_FAILED: [chars]

Explanation [chars1]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_CFS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message CLOUD-3-CLOUD_FEATURE_MANAGER_ERROR: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message CLOUD-3-CLOUD_PSS_OPERATION_FAILED: [chars] : [chars]

Explanation [chars1] [chars2]

Recommended Action Please check the reason for the failure of the pss operation and rectify the problem

CLOUD-6

Error Message CLOUD-6-CLOUD_DISCOVERY_DONE: discovery over

Explanation Cloud-discovery started

Recommended Action Check cloud membership

Error Message CLOUD-6-CLOUD_DISCOVERY_STARTED: [chars] discovery started

Explanation Cloud-discovery started

Recommended Action Check cloud-discovery status after sometime

CLP_FWD Messages

This section contains the CLP_FWD messages.

CLP_FWD-6

Error Message CLP_FWD-6-CLF_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_L3 Messages

This section contains the CLP_L3 messages.

CLP_L3-6

Error Message CLP_L3-6-CLP_L3_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_MAC Messages

This section contains the CLP_MAC messages.

CLP_MAC-6

Error Message CLP_MAC-6-CLM_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLP_XBAR Messages

This section contains the CLP_XBAR messages.

CLP_XBAR-2

Error Message CLP_XBAR-2-FR_CRC: [chars]

Explanation Clipper received packets with CRC error from fabric

Recommended Action No action is required.

CLP_XBAR-6

Error Message CLP_XBAR-6-CLX_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

CLUSTER_TEST_APP Messages

This section contains the CLUSTER_TEST_APP messages.

CLUSTER_TEST_APP-5

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_DISABLED: CLUSTER_TEST_APP Disabled

Explanation CLUSTER_TEST_APP Service Disabled

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_ENABLED: CLUSTER_TEST_APP Enabled

Explanation CLUSTER_TEST_APP Service nabled

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_TEST_STARTED: Traffic test started

Explanation CLUSTER_TEST_APP Test started

Recommended Action No action is required.

Error Message CLUSTER_TEST_APP-5-CLUSTER_TEST_APP_TEST_STOPPED: Traffic test stopped

Explanation CLUSTER_TEST_APP Test stopped

Recommended Action No action is required.

CLUSTER Messages

This section contains the CLUSTER messages.

CLUSTER-2

Error Message CLUSTER-2-CLUSTER_CAP_ADD_FAIL: Failed to add cluster capability [dec]

Explanation Cluster capability addition failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_CAP_DEL_FAIL: Failed to delete cluster capability [dec]

Explanation Cluster capability deletion failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_CAP_DEL_FAIL: Failed to delete cluster capability [dec]

Explanation Cluster capability deletion failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_CONF_MGR_FAIL: Configuration manager failed to handle "[chars]" ([dec]) status=[hex]

Explanation Cluster Config Manager failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_CLIENT: Client on node 0x%llx for cluster 0x%llx application [dec] dataset [dec] received database synchronization failed, reason="[chars]" from application

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_MANAGER: Manager on node 0x%llx for cluster 0x%llx application [dec] dataset [dec] received database synchronization failed, reason="[chars]" from server on node 0x%llx

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL_SERVER: Server on node 0x%llx for cluster 0x%llx application [dec] dataset [dec] received database synchronization failed, reason="[chars]" from client on node 0x%llx

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_DB_SYNC_FAIL: Cluster 0x%llx application [dec] dataset [dec] database synchronization failed, reason="[chars]"

Explanation Cluster database synchronization failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LEAVE_RESP_FAIL: Bad response to LEAVE request for Cluster 0x%llx

Explanation Received Bad Leave response

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_LOCAL_NODE_EXIT: Local Node 0x%llx has left the Cluster 0x%llx Reason:[chars]

Explanation Node is not part of cluster

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_RGC_TRANSACTION_FAIL: Cluster 0x%llx RGC transaction application=[dec] dataset=[dec] failed reason="[chars]"

Explanation Cluster RGC transaction failed

Recommended Action No action is required.

Error Message CLUSTER-2-CLUSTER_TRANSPORT_FAIL: Cluster 0x%llx transport failed to send message from node 0x%llx to 0x%llx error=[dec]

Explanation Cluster transport failed to send message

Recommended Action No action is required.

CLUSTER-5

Error Message CLUSTER-5-CLUSTER_ADD: Cluster 0x%llx added

Explanation Cluster Added

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_DISABLED: CLUSTER Disabled

Explanation CLUSTER Service Disabled

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_ENABLED: CLUSTER Enabled

Explanation CLUSTER Service Enabled

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_ADD: Node 0x%llx added to cluster 0x%llx

Explanation Node added to cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_JOIN: Node 0x%llx joined cluster 0x%llx

Explanation Node joined cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_LEAVE_EXPLICIT: Remote Node 0x%llx has left the Cluster 0x%llx voluntarily

Explanation Remote Node Left voluntarily

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_LEAVE: Node 0x%llx not in cluster 0x%llx

Explanation Node not in cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_NODE_REMOVE: Node 0x%llx removed from cluster 0x%llx

Explanation Node removed from cluster

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_REMOVE: Cluster 0x%llx removed

Explanation Cluster removed

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_JOIN_REQ: Node 0x%llx received JOIN request from node=0x%llx

Explanation Cluster received JOIN request

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_JOIN_RESP: Node 0x%llx received JOIN response from node=0x%llx result="[chars]"

Explanation Cluster received JOIN response

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_RX_PROBE: Node 0x%llx received PROBE from node=0x%llx

Explanation Cluster received PROBE message

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_STARTED: CLUSTER 0x%llx Started

Explanation CLUSTER Started

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_STOPPED: CLUSTER 0x%llx Stopped

Explanation CLUSTER Stopped

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TRANSPORT_DOWN: Cluster 0x%llx transport down for node=0x%llx for Remote Port :[dec] Local Port :[dec]

Explanation Cluster Transport Connection DOWN

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TRANSPORT_UP: Cluster 0x%llx transport up for node=0x%llx

Explanation Cluster Transport Connection UP

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TX_JOIN_REQ: Node 0x%llx sending JOIN request to node=0x%llx

Explanation Cluster sending JOIN request

Recommended Action No action is required.

Error Message CLUSTER-5-CLUSTER_TX_JOIN_RESP: Node 0x%llx sending JOIN response to node=0x%llx result="[chars]"

Explanation Cluster sending JOIN request

Recommended Action No action is required.

CMOND Messages

This section contains the CMOND messages.

CMOND-2

Error Message CMOND-2-CMOND_ALERT_MSG: [chars]

Explanation Alert message

Recommended Action No action is required.

Error Message CMOND-2-CMOND_ERROR_MSG: [chars]

Explanation Error message

Recommended Action No action is required.

CMPPROXY Messages

This section contains the CMPPROXY messages.

CMPPROXY-2

Error Message CMPPROXY-2-LOG_CMP_IS_NOT_UP: Connectivity Management processor (on module [dec]) did not come up

Explanation Connectivity Management processor is not sending heartbeats on this module

Recommended Action No action is required.

Error Message CMPPROXY-2-LOG_CMP_UP: Connectivity Management processor (on module [dec]) is now UP

Explanation Connectivity Management processor has come up and is exchanging heartbeats with CP on this SUP slot

Recommended Action No action is required.

Error Message CMPPROXY-2-LOG_CMP_WENT_DOWN: Connectivity Management processor (on module [dec]) went DOWN

Explanation Connectivity Management processor has either gone down or is not sending heartbeats for a long time

Recommended Action No action is required.

CMPPROXY-5

Error Message CMPPROXY-5-LOG_CMP_AAA_FAILURE: Authentication failed for a login from CMP (on module [dec])

Explanation A login attempt has been denied access from Connectivity management processor (CMP) as authentication did not succeed

Recommended Action No action is required.

Error Message CMPPROXY-5-MALLOC_FAILURE: Memory allocation failure

Explanation Memory allocation in a call to malloc/calloc has failed.

Recommended Action No action is required.

CMPPROXY-6

Error Message CMPPROXY-6-LOG_CMP_AAA_SUCCESS: Authentication succeeded for a login from CMP (on module [dec])

Explanation A login attempt has succeeded from Connectivity management processor (CMP) in getting access as AAA succeeded

Recommended Action No action is required.

COPP Messages

This section contains the COPP messages.

COPP-1

Error Message COPP-1-COPP_DROPS1: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

COPP-2

Error Message COPP-2-COPP_DROPS2: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

Error Message COPP-2-COPP_INIT_FAIL: CoPP Initialization failed: [chars]

Explanation CoPP Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-2-COPP_MTS_FAIL: Failed to do MTS operation: [chars]

Explanation Failed to do MTS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-2-COPP_NO_POLICY: Control-plane is unprotected.

Explanation There is no policy to configured to protect the control-plane.'

Recommended Action When such a syslog appears, the user should protect the control plane by giving the appropriate CoPP commands, either of:

```
conf> copp profile <copp-system-profile-name>
      or
conf> control-plane
conf> service-policy input <user-copp-policy-name>
```

Error Message COPP-2-COPP_POLICY: Control-Plane is protected with policy [chars].

Explanation There is a policy configured to protect the control-plane.

Recommended Action No action is required.

Error Message COPP-2-COPP_PROFILE_DIFF: CoPP Default Profile may have changed, please check the diffs using show copp diff profile <profile-type>

Explanation CoPP Default Profile may have changed, please check the diffs using show copp diff profile <profile-type>

Recommended Action No action is required.

COPP-3

Error Message COPP-3-COPP_ALLOC_FAIL: Memory allocation failure: [chars]

Explanation Failed to alloc required memory. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-3-COPP_DROPS3: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

Error Message COPP-3-COPP_PPF_FAIL: Error during PPF operation: [chars]

Explanation Failed to do PPF operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message COPP-3-COPP_PSS_FAIL: Error during PSS operation: [chars]

Explanation Failed to do PSS operation. [chars] explains the reason for the failure.

Recommended Action No action is required.

COPP-4

Error Message COPP-4-COPP_DROPS4: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

COPP-5

Error Message COPP-5-COPP_DISABLED: COPP Disabled

Explanation COPP Service Disabled

Recommended Action No action is required.

Error Message COPP-5-COPP_DROPS5: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

Error Message COPP-5-COPP_ENABLED: COPP Enabled

Explanation COPP Service nabled

Recommended Action No action is required.

Error Message COPP-5-COPP_INIT: COPP initialized

Explanation COPP Service Initialized

Recommended Action No action is required.

COPP-6

Error Message COPP-6-COPP_DROPS6: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

Error Message COPP-6-COPP_POLICY_ATTACHED: CoPP policy has been attached to control plane interface.

Explanation CoPP policy has been attached to control plane interface.

Recommended Action No action is required.

Error Message COPP-6-COPP_POLICY_DETACHED: CoPP policy has been detached from control plane interface.

Explanation CoPP policy has been detached from control plane interface.

Recommended Action No action is required.

COPP-7

Error Message COPP-7-COPP_DROPS7: CoPP drops exceed threshold in class: [chars], check show policy-map interface control-plane for more info.

Explanation There are CoPP drops, [chars] tell which class has dropped packets.

Recommended Action No action is required.

Error Message CORE-DMON-2-MODULE_COREDUMP_DONE: kernel coredump completed on module: [dec]

Explanation Kernel coredump finishing on a module

Recommended Action No action is required.

Error Message CORE-DMON-2-MODULE_COREDUMP_STARTED: kernel coredump started on module: [dec]

Explanation Kernel coredump starting on a module

Recommended Action No action is required.

CORE-DMON Messages

This section contains the CORE-DMON messages.

CORE-DMON-2

Error Message **Error Message** CORE-DMON-2-MODULE_COREDUMP_DONE: kernel coredump completed on module: [dec]

Explanation **Explanation** Kernel coredump finishing on a module

Recommended Action **Recommended Action** No action is required.

Error Message **Error Message** CORE-DMON-2-MODULE_COREDUMP_STARTED: kernel coredump started on module: [dec]

Explanation **Explanation** Kernel coredump starting on a module

Recommended Action **Recommended Action** No action is required.

CORE-DMON-3

Error Message CORE-DMON-3-NO_SPACE: Failed to save core file [chars]. Try removing existing core files.

Explanation Not enough space to save new core files

Recommended Action No action is required.

CRDCFG Messages

This section contains the CRDCFG messages.

CRDCFG-2

Error Message CRDCFG-2-CRDCFG_SRV_CRIT: [chars]

Explanation CardConfig CRITICAL ERROR

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CRDCFG-3

Error Message CRDCFG-3-CRDCFG_ERR: [chars]

Explanation CardConfig error message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CRDCFG-3-CRDCFG_MSG: [chars]

Explanation CardConfig log message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CRDCFG-3-CRDCFG_SRV_ERR: [chars]

Explanation CardConfigServer error message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message CRDCFG-3-CRDCFG_SRV_MSG: [chars]

Explanation CardConfigServer log message

Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CRDCFG-SLOT#-2

Error Message CRDCFG-SLOT#-2-CONFIG_ERR: [chars]

Explanation CardConfig Failed to find matching cardid, pnun in database

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

CREDITMON Messages

This section contains the CREDITMON messages.

CREDITMON-SLOT#-2

Error Message CREDITMON-SLOT#-2-SYSERR_CREDITMON_APP_EXITED: [chars]

Explanation Credit Monitor application exited

Recommended Action No action is required.

Error Message CREDITMON-SLOT#-2-SYSERR_CREDITMON_MTS_INIT_ERR: [chars]

Explanation Credit Monitor error binding to MTS

Recommended Action No action is required.

CTS Messages

This section contains the CTS messages.

CTS-2

Error Message CTS-2-CTS_AUTHENT_FAILURE: CTS Authentication failure on Port [chars] (CTS Failure Reason: [chars] [chars])

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message CTS-2-CTS_FIPS_BYPASS_TEST_FAILED: FIPS bypass test failed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-2-CTS_SAP_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-CTS_SAP_REKEY_FAILED: SAP exchange failed on interface [chars]. (Reason: [chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ([chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ([chars])

Explanation CTS Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message CTS-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ([chars])

Explanation CTS Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message CTS-2-FC2_UNKNOWN_FRM_REC'D_CRIT: Received an unexpected/unknown FC-2 frame on [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ([chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ([chars])

Explanation CTS Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message CTS-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message CTS-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes

Explanation .

Recommended Action No action is required.

Error Message CTS-2-POST_INIT_FAILED: Post-Initialization failed ([chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ([chars])

Explanation .

Recommended Action No action is required.

Error Message CTS-2-RBACL_ENFORCEMENT_FAILED: Failed to [chars] RBACL enforcement on [chars] %lu

Explanation .

Recommended Action No action is required.

Error Message CTS-2-RBACL_LC_INSERT_FAILED: RBACL programming failed for inserted module [dec]

Explanation .

Recommended Action No action is required.

Error Message CTS-2-RBACL_TCAM_SPACE_NOT_ENOUGH: Not enough free space left on TCAM

Explanation .

Recommended Action No action is required.

Error Message CTS-2-RBACL_UNABLE_PARSE_ACE: Unable to parse RBACL ACE substring: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-2-RBACL_UPDATE_FAILED: Failed to [chars] RBACL [chars]

Explanation .

Recommended Action No action is required.

CTS-3

Error Message CTS-3-DOT1X_AUTHC_FAILED: DOT1X authentication failed on port: [chars]

Explanation DOT1X authentication failed on the port

Recommended Action No action is required.

CTS-5

Error Message CTS-5-CTS_IP_SGT_MAP_DELETE: IP-SGT mapping deleted for [chars] on [chars] %lu

Explanation .

Recommended Action No action is required.

Error Message CTS-5-CTS_IP_SGT_MAP_UPDATE: [chars] assigned SGT [chars]

Explanation .

Recommended Action No action is required.

CTS-6

Error Message CTS-6-CTS_FIPS_BYPASS_TEST_PASSED: FIPS bypass test passed for interface: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_BIND_FAIL: CTS SXP socket bind failed for [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_CONFIG_MODE_MISMATCH: CTS SXP config mode mis-match with peer [chars] during [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_CONFIG_VER_MISMATCH: CTS SXP config version mis-match with peer [chars] during [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_CONN_PURGED: CTS SXP connection purged: vrf [dec], peer: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_CONN_STATE_CHG_OFF: CTS SXP connection state for peer [chars] changed to off

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_DEFAULT_PASSWORD_RESET: CTS SXP default password reset

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_DEFAULT_PASSWORD_SET: CTS SXP default password set

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_DEFAULT_SRC_IP_RESET: CTS SXP default source IP address reset to [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_DEFAULT_SRC_IP_SET: CTS SXP default source IP address set to [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_INTERNAL_FAIL: CTS SXP internal failure

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_LISTEN_FAIL: CTS SXP socket listen failed

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_RX_UNKNOWN_MSG_TYPE: CTS SXP received unknown message type [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_RX_UNKNOWN_OPC_TYPE: CTS SXP received unknown opcode type [dec] for peer [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-6-SXP_STATE_CHANGE: CTS SXP [chars]

Explanation .

Recommended Action No action is required.

CTS-7

Error Message CTS-7-CTS_PACE: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-7-CTS_PPF_RBACL_ENABLE: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-7-CTS_PPF_SESS_STATE: [chars] Session id [dec] ([hex])

Explanation .

Recommended Action No action is required.

Error Message CTS-7-CTS_PPF_SGT_DGT: [chars] rbacl [chars] sgt [dec] dgt [dec]

Explanation .

Recommended Action No action is required.

Error Message CTS-7-CTS_PPF: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-7-CTS_SAL: CTS: [chars]

Explanation .

Recommended Action No action is required.

Error Message CTS-7-SGT_MAP_INIT: CTS: [chars]

Explanation .

Recommended Action No action is required.

DCEFIB Messages

This section contains the DCEFIB messages.

DCEFIB-SLOT#-0

Error Message DCEFIB-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2mp unicast fib failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2mp unicast fib failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

DCEFIB-SLOT#-2

Error Message DCEFIB-SLOT#-2-DCEFIB_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-2-DCEFIB_RECOVERY_ERROR: Error in Recovery: [chars]

Explanation L2mp unicast fib failed to recover after a re-start. This is a fatal error.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-2-U2FIB_ERR: [chars]

Explanation L2mp unicast fib encountered an error:

Recommended Action No action is required.

DCEFIB-SLOT#-6

Error Message DCEFIB-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation L2mp unicast fib has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-U2FIB_INFO: [chars]

Explanation L2mp unicast fib notice:

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in l2mp unicast fib was successful.

Recommended Action No action is required.

Error Message DCEFIB-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation L2mp unicast fib has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

DEBUGPROXY Messages

This section contains the DEBUGPROXY messages.

DEBUGPROXY-6

Error Message DEBUGPROXY-6-SSM_DEBUG_PROXY_COMMON: SSM debug proxy [chars] [dec]

Explanation General SSM debug proxy information

Recommended Action No action is required.

DEVICE-ALIAS Messages

This section contains the DEVICE-ALIAS messages.

DEVICE-ALIAS-2

Error Message DEVICE-ALIAS-2-ALLOC_FAILED: Memory allocation failed for size: [dec] type: [dec]

Explanation Memory allocation failed for size [dec] type [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-2-INIT_FAILED: [chars]

Explanation An error occurred during initialization. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-3

Error Message DEVICE-ALIAS-3-CFS_OPER_FAILED: [chars]

Explanation An error occurred while performing a CFS operation. [chars] indicates the CFS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the session. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-LOCK_REJECTED: [chars]

Explanation Lock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_ACTIVATION_REJECTED: [chars]

Explanation Merge activation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_FAILED: [chars]

Explanation An error occurred during merge operation. [chars] indicates the reason for failure.

Recommended Action Compare device-alias configuration with the other switches in the fabric, resolve the conflicts if any and commit the changes.

Error Message DEVICE-ALIAS-3-MERGE_MREQ_REJECTED: [chars]

Explanation MREQ received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_MRESP_REJECTED: [chars]

Explanation MRESP received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the merged database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MERGE_VALIDATION_REJECTED: [chars]

Explanation Merge validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-MTS_OPER_FAILED: [chars]

Explanation An error occurred during MTS operation. [chars] indicates the MTS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-PSS_OPER_FAILED: [chars]

Explanation An error occurred during PSS operation. [chars] indicates the PSS operation and the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-UNLOCK_REJECTED: [chars]

Explanation Unlock request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-VALIDATION_FAILED: [chars]

Explanation An error occurred while validating the database. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-3-VALIDATION_REJECTED: [chars]

Explanation Validation request received from remote switch is rejected. [chars] indicates the reason for failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DEVICE-ALIAS-6

Error Message DEVICE-ALIAS-6-CLEAR_FAILED_INFO: [chars]

Explanation An error occurred while clearing the session. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-COMMIT_FAILED_INFO: [chars]

Explanation An error occurred while committing the database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-IMPORT_DEFINITION_CONFLICT: Fcalias [chars] could not be imported due to definition conflict

Explanation Fcalias [chars] could not be imported due to definition conflict. Either there is already a device-alias configuration present with the same definition OR another VSAN specified in the import VSAN range has an fcalias with the same definition.

Recommended Action Resolve the conflict and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_MEMBER_TYPE_CONFLICT: Fcalias [chars] could not be imported due to having unsupported member type

Explanation Fcalias [chars] could not be imported due to having unsupported member types. Fcalias can be imported only if it has Port WWN based members..

Recommended Action Make sure that the fcalias has Port WWN based members and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_NAME_CONFLICT: Fcalias [chars] could not be imported due to name conflict

Explanation Fcalias [chars] could not be imported due to name conflict. Either there is already a device-alias configuration present with the same name OR another VSAN specified in the import VSAN range has an fcalias with the same name.

Recommended Action Resolve the conflict and issue the import command again.

Error Message DEVICE-ALIAS-6-IMPORT_NUM_MEMBERS_CONFLICT: Fcalias [chars] could not be imported due to having unsupported number of members

Explanation Fcalias [chars] could not be imported due to having unsupported number of members. Fcalias can be imported only if it has exactly one member..

Recommended Action Make sure that the fcalias has exactly one member and issue the import command again.

Error Message DEVICE-ALIAS-6-LOCK_FAILED_INFO: [chars]

Explanation An error occurred while acquiring the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-MERGE_ACTIVATION_FAILED_INFO: [chars]

Explanation An error occurred while activating the merged database. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-MERGE_VALIDATION_FAILED_BUSY: [chars]

Explanation Merged database could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message DEVICE-ALIAS-6-MERGE_VALIDATION_REJECTED_BUSY: [chars]

Explanation Merged database received from the remote switch could not be validated as some of the applications returned busy. [chars] indicates information about the application returned busy. There is no user intervention necessary. The validation would be automatically retried after some time.

Recommended Action No DDTS.

Error Message DEVICE-ALIAS-6-UNLOCK_FAILED_INFO: [chars]

Explanation An error occurred while releasing the lock. [chars] indicates the additional information regarding failure.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DEVICE-ALIAS-6-VALIDATION_ABORTED: [chars]

Explanation Local validation is aborted. [chars] indicates the reason why validation is aborted.

Recommended Action No DDTS.

DEVICE_TEST Messages

This section contains the DEVICE_TEST messages.

DEVICE_TEST-2

Error Message DEVICE_TEST-2-ASIC_REG_CHECK_FAIL: Module [dec] has failed test [chars] [dec] times on device [chars] [chars] [dec] [chars] due to error [chars]

Explanation Online diagnostics ASICRegisterCheck test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-COMPACT_FLASH_FAIL: Module [dec] has failed test [chars] [dec] times on device Compact Flash due to error [chars]

Explanation Online diagnostics CompactFlash test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-CRYPTO_DEVICE_FAIL: Module [dec] has failed test [chars] [dec] times on Crypto device due to error [chars]

Explanation Online diagnostics CryptoDevice test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-DEVICE_TEST_FAIL_NO_ACTION: Module [dec] has failed test [chars] [dec] times but no action taken due to [chars]

Explanation Online diagnostics device test detected failure but no action taken

Recommended Action No action is required.

Error Message DEVICE_TEST-2-DEVICE_TEST_MODULE_FAILURE: Module [dec] has failed test [chars] [dec] times due to error [chars]

Explanation Online diagnostics device test detected module failure

Recommended Action No action is required.

Error Message DEVICE_TEST-2-EOBC_FAIL: Module [dec] has failed test [chars] on EOBC due to error [chars]

Explanation Online diagnostics EOBC test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-FAN_MOD_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-MALLOC_FAILURE: Memory allocation failed

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

Error Message DEVICE_TEST-2-MGMT_PORT_SKIP: Module [dec] has skipped test [chars] on Management Port due to error [chars]

Explanation Online diagnostics ManagementPort test is skipped

Recommended Action No action is required.

Error Message DEVICE_TEST-2-NVRAM_FAIL: Module [dec] has failed test [chars] [dec] times on device NVRAM due to error [chars]

Explanation Online diagnostics NVRAM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-OBFL_FAIL: Module [dec] has failed test [chars] [dec] times on device OBFL due to error [chars]

Explanation Online diagnostics OBFL test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-POWER_SUPPLY_FAIL: Module [dec] has failed test [chars] [dec] times on System Mgmt Bus for chassis [chars] instance [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SystemMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PRIMARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Primary BootROM due to error [chars]

Explanation Online diagnostics PrimaryBootROM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-PWR_MGMT_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Power Mgmt Bus on slot [dec] due to error [chars] error number [hex]

Explanation Online diagnostics PwrMgmtBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-RTC_FAIL: Module [dec] has failed test [chars] [dec] times on device RealTimeClock due to error [chars]

Explanation Online diagnostics RealTimeClock test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SECONDARY_BOOTROM_FAIL: Module [dec] has failed test [chars] [dec] times on device Secondary BootROM due to error [chars]

Explanation Online diagnostics SecondaryBootROM test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-SPINE_CONTROL_BUS_FAIL: Module [dec] has failed test [chars] [dec] times on device Spine Control Bus on slot [dec] due to error [chars] error number [hex]

Explanation Online diagnostics SpineControlBus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-STANDBY_LOOPBACK_TEST_FAIL: Module [dec] has failed test [chars] [dec] times on [chars] [dec] due to error [chars]

Explanation Online diagnostics StandbyFabricLoopback test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-TWOWIRE_STW_FAIL: Module [dec] has failed test [chars] [dec] times on Status Bus on slot [dec] due to error [chars]

Explanation Online diagnostics Status bus test has failed

Recommended Action No action is required.

Error Message DEVICE_TEST-2-USB_FAIL: Module [dec] has failed test [chars] [dec] times on device USB due to error [chars]

Explanation Online diagnostics USB test has failed

Recommended Action No action is required.

DEVICE_TEST-3

Error Message DEVICE_TEST-3-STANDBY_TEST_GET_DIAG_VQI_FAIL: Standby test get diag vqi failed due to error [hex]

Explanation Device Test StandbyLoopback Test failed get vqi

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_GET_SPINE_FAIL: Standby test get spines failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test get spine failed

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_INIT_FAIL: Init for standby test failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test failed init process

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_MTS_FAIL: Mts Init for standby test failed due to error [hex]

Explanation Device Test StandbyFabricLoopback Test failed mts init

Recommended Action No action is required.

Error Message DEVICE_TEST-3-STANDBY_TEST_SOCKET_FAIL: Standby test socket error [chars]: [hex]

Explanation Device Test StandbyFabricLoopback Test Socket error

Recommended Action No action is required.

DEVICE_TEST-4

Error Message DEVICE_TEST-4-THREAD_CREATE_FAIL: Thread creation failed

Explanation Device Test process could not create threads

Recommended Action No action is required.

Error Message DEVICE_TEST-4-TIMER_CREATE_FAIL: Timer creation failed

Explanation Device Test process could not create timer

Recommended Action No action is required.

Error Message DEVICE_TEST-4-TIMER_START_FAIL: Timer start failed

Explanation Device Test process could not start timer

Recommended Action No action is required.

DEVICE_TEST-5

Error Message DEVICE_TEST-5-NOTICE_TEST: Memory allocation failed notice

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

DEVICE_TEST-6

Error Message DEVICE_TEST-6-INFO_TEST: Memory allocation failed info

Explanation Device Test process could not allocate memory

Recommended Action No action is required.

DEV_LOG_SUP Messages

This section contains the DEV_LOG_SUP messages.

DEV_LOG_SUP-3

Error Message DEV_LOG_SUP-3-ERROR: [chars]

Explanation Dev_log_sup encountered an error

Recommended Action No action is required.

DEV_LOG Messages

This section contains the DEV_LOG messages.

DEV_LOG-3

Error Message DEV_LOG-3-ERROR: [chars]

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DEV_LOG-SLOT#-4

Error Message DEV_LOG-SLOT#-4-DEV_LOG_LC_ERROR: [chars]

Explanation Dev_log_lc encountered an error

Recommended Action No action is required.

DFTM Messages

This section contains the DFTM messages.

DFTM-SLOT#-2

Error Message DFTM-SLOT#-2-DFTM_INTF_NOT_FOUND: Interface [chars] not found in DFTM database [chars]

Explanation DFTM database doesn't have the interface.'

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_INVALID_FTAG_NUM: DFTM received invalid number of FTags [dec] from M2RIB

Explanation DFTM recvd invalid number of FTags from M2RIB.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_INVALID_INTF_NUM: DFTM has invalid number of interfaces [dec] in the DB

Explanation DFTM has invalid number of interfaces in the DB.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_PC_NUM_MEMB_INVALID: DFTM received invalid number of PC members [dec] from ELTM

Explanation DFTM recvd invalid number of PC members from ELTM.

Recommended Action No action is required.

Error Message DFTM-SLOT#-2-DFTM_VLAN_NOT_FOUND: VLAN [dec] not found in DFTM database [chars]

Explanation DFTM database doesn't have the VLAN.'

Recommended Action No action is required.

DFTM-SLOT#-3

Error Message DFTM-SLOT#-3-DFTM_BDDB_PROG_FAILED: DFTM failed to program BDDB Entry

Explanation DFTM failed to program BDDB Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_BDT_PROG_FAILED: DFTM failed to program BD Table Entry

Explanation DFTM failed to program BD Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_LAYER: Invalid Port Layer Received for interface: [chars]

Explanation Invalid Port Layer Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_MODE: Invalid Port Mode Received for interface: [chars]

Explanation Invalid Port Mode Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_INVALID_PORT_TYPE: Invalid Port Type Received for interface: [chars]

Explanation Invalid Port Type Received for interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_IFIDX_TYPE_ERROR: Failed to get type for interface: [chars]

Explanation Failed to get type for the interface

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_INVALID_PRIM_SEC_VLAN_REQ: DFTM received prim-sec request for a non-existing sec vlan [dec] on primary [dec]

Explanation DFTM recvd prim-sec vlan mapping request for a non-existing sec vlan on prim vlan

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_L2L3CT_PROG_FAILED: DFTM failed to program L2L3 Consistency Table Entry

Explanation DFTM failed to program L2L3 Consistency Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_MFT_PROG_FAILED: DFTM failed to program Multicast FTag Table Entry

Explanation DFTM failed to program Multicast Ftag Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_SDT_PROG_FAILED: DFTM failed to program SGT DGT Table Entry

Explanation DFTM failed to program SGT DGT Table Entry

Recommended Action No action is required.

Error Message DFTM-SLOT#-3-DFTM_VTT_PROG_FAILED: DFTM failed to program VLAN Translation Table Entry for vlan [dec], xlt_vlan [dec] on fe [dec]

Explanation DFTM failed to program VLAN Translation Table

Recommended Action No action is required.

DHCP_SNOOP Messages

This section contains the DHCP_SNOOP messages.

DHCP_SNOOP-2

Error Message DHCP_SNOOP-2-DHCP_SNOOP_PROGRAM_EXIT: [chars]

Explanation DHCP snoop process did an abnormal exit

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-HWPGMFAILURE: Hardware programming has failed: [chars]

Explanation Hardware programming has failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-INITFAIL: DHCP Daemon Initialization failed: [chars]

Explanation DHCP Daemon Initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-PSSERROR: [chars]

Explanation DHCP Daemon encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-2-REGPARTREE: Unable to register par tree: [chars]

Explanation Could not register par tree. [chars] explains the reason for the failure.

Recommended Action No action is required.

DHCP_SNOOP-3

Error Message DHCP_SNOOP-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation DHCP Daemon is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-ASSERTION_FAILED: [chars]:[dec]

Explanation DHCP Snoop process has hit an assert condition at file [chars] line number [dec]

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-DHCPDENIEDARP: ARP frame denied due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been denied. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-DHCPRATELIMIT: Interface [chars] has been error disabled due to excessive ingress rate [dec] of DHCP packets.

Explanation [chars] identifies the interface which has been error disabled due to excessive ingress rate [dec].

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-HWPGMFAILURE: Hardware programming has failed: [chars]

Explanation Hardware programming has failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-INVDHCPPKTS: Validation errors while processing DHCP packet received on interface [chars] vlan [dec] Reason:[chars]. Dropping the packet

Explanation Validation errors DHCP packet received on the interface [chars] vlan [[dec]]. Reason:[chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-MTSERROR: [chars]

Explanation DHCP Daemon encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-PKTDROP: Packet dropped. Reason - [chars]

Explanation Dropping the packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-PKTRECVFAIL: Failed to receive packet - [chars]

Explanation Failed to receive packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-PKTSENDFAIL: Failed to send packet, - [chars]

Explanation Failed to send packet. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-SOCKBINDFAIL: Failed to bind to raw socket - [chars]

Explanation Failed to bind to socket. [char] identifies the reason.

Recommended Action No action is required.

Error Message DHCP_SNOOP-3-SOCKOPENFAIL: Failed to open socket for receiving DHCP packets - [chars]

Explanation An attempt to open a socket for receiving DHCP packets failed. [char] identifies the reason.

Recommended Action No action is required.

DHCP_SNOOP-4

Error Message DHCP_SNOOP-4-ACL_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-DHCP_SNOOPING_DENY: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-ERROR_DISABLED: Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets

Explanation Interface [chars] has moved to error disabled state due to excessive rate [dec] of ingress ARP packets

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-INVALID_ARP: [dec] Invalid ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] Invalid ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXIPADDR: Smart relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SMARTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which smart relay supported [chars] identifies the interface. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SMARTRELAYMAXLMT: Smart relay MAX limit [dec] reached. All subsequent DHCP packets will be relayed with primary address of inbound interface as relay agent address.

Explanation Smart relay MAX limit reached. [dec] is the number of smart relay bindings This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-4-SUBNETBCASTRELAYMAXIPADDR: subnet-broadcast relay is supported only on first [dec] IP addresses of the interface [chars].

Explanation There are more than SUBNETBCASTRELAYMAXIPADDR addresses configured on the interface. [dec] is the number of IP addresses with which subnet-broadcast relay supported [chars] identifies the interface. This is an informational message.

Recommended Action No action is required.

DHCP_SNOOP-5

Error Message DHCP_SNOOP-5-ACL_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-5-DHCPHOSTADD: A new Host is [chars] connected to interface [chars] in VLAN [dec] and is allocated IP address [chars] for [dec] secs.

Explanation A Host identified by [chars] has been added. [chars] identifies the interface. [dec] identifies the VLAN. [chars] identifies IP address. [dec] identifies the lease time in secs. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-5-DHCPLEASEEXPIRE: Lease expired for host [chars] having IP address [chars] connected to interface [chars] in VLAN [dec] for lease [dec] secs.

Explanation The lease for host identified by [chars] with IP address [chars] connected to interface [chars] in VLAN [dec] with lease [dec] has expired.

Recommended Action No action is required.

Error Message DHCP_SNOOP-5-DHCP_SNOOPING_PERMIT: [dec] ARP messages ([chars]) on [chars], vlan [dec]. ([[chars]/[chars]/[chars]/[chars]/[chars]])

Explanation Packet-count [dec] ARPs (arp-type [chars]) on interface [chars], vlan [dec]. ([sender-mac [chars]/sender-ip [chars]/ target-mac [chars]/target-ip [chars]/ time-of-day [chars]])

Recommended Action No action is required.

Error Message DHCP_SNOOP-5-VLANDISABLE: DHCP Snooping disabled on vlan [dec]

Explanation DHCP Snooping was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-5-VLANENABLE: DHCP Snooping enabled on vlan [dec]

Explanation DHCP Snooping was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

DHCP_SNOOP-6

Error Message DHCP_SNOOP-6-DAIVLANDISABLE: DAI disabled on vlan [dec]

Explanation Dynamic ARP Inspection was disabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DAIVLANENABLE: DAI enabled on vlan [dec]

Explanation Dynamic ARP Inspection was enabled on a given vlan. [dec] is the VLAN-ID that identifies the vlan. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPBINDSYNC: Binding entry with MAC [chars] interface [chars] VLAN [dec] IP address [chars] and lease time [dec] secs is synced.

Explanation Binding entry identified by [chars] has been synced. [chars] identifies the interface. [dec] identifies the VLAN. [chars] identifies IP address. [dec] identifies the lease time in secs. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPEXIT: DHCP Daemon shutting down gracefully.

Explanation DHCP Daemon is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPPERMITTEDARP: ARP frame permitted due to DHCP snooping binding on interface [chars] vlan [dec] sender mac [chars] sender ip [chars] target mac [chars] target ip [chars].

Explanation [chars] identifies interface and [dec] identifies the vlan on which ARP packets have been permitted. [chars] identifies sender mac and [chars] identifies the sender ip. [chars] identifies the target mac and [chars] identifies the target ip.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPPKTFWD: Gracefully forwarding DHCP packet. Reason: [chars]

Explanation Gracefully forwarding DHCP packet. reason [chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-DHCPUP: DHCP Daemon Up.

Explanation DHCP Daemon was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INFO: [chars]

Explanation An event during switchover. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INTFDISABLE: IP Src Guard disabled on intf [chars]

Explanation IP Src Guard was disabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-INTFENABLE: IP Src Guard enabled on intf [chars]

Explanation IP Src Guard was enabled on a given intf. [chars] is the intf-ID string that identifies the intf. This is an informational message.

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-NONDHCPPKTFWD: Non DHCP packet with src port:[dec] dst port:[dec] on intf:[chars] vlan:[dec]. Forwarding on [chars]

Explanation Non DHCP packet arrived with UDP src/dst ports [dec], [dec] on interface [chars], vlan [dec]. Forwarding the packet on [chars]

Recommended Action No action is required.

Error Message DHCP_SNOOP-6-OPT82INSTFAIL: [chars] [chars]

Explanation Insertion of Option82 suboptions failed. [chars] tells the failure. [chars] explains the reason for failure. This is an informational message.

Recommended Action No action is required.

DIAGCLIENT Messages

This section contains the DIAGCLIENT messages.

DIAGCLIENT-2

Error Message DIAGCLIENT-2-DIAG_BOOTUP_COMPLETE: Module <[dec]

Explanation Bootup Test completed

Recommended Action Nothing to be done if the test reports SUCCESS otherwise copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

Error Message DIAGCLIENT-2-EEM_ACTION_HM_SHUTDOWN: Test <[chars]

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PSS_READ_FAILURE: Read from PSS failed on Module <[dec]

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message DIAGCLIENT-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGCLIENT-3

Error Message DIAGCLIENT-3-ONDEMAND_FAIL_EXCESS: Module <[dec]

Explanation Ondemand test has failed more than configured number of times

Recommended Action Copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information

DIAGCLIENT-4

Error Message DIAGCLIENT-4-LC_OFFLINE_FOR_CURR_SLOT: Received LC offline event for the current slot:[dec]. Ignoring it

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-4-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]

Explanation MTS send reports failure

Recommended Action No action is required.

DIAGCLIENT-5

Error Message DIAGCLIENT-5-CALLOC_FAILURE: Memory allocation failed

Explanation DiagClient process could not allocate memory

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_ONDEMAND_TEST_FINISH: Module [dec]: Ondemand test [chars] finished

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_ONDEMAND_TEST_START: Module [dec]: Ondemand test [chars] started

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_ONDEMAND_TEST_STOP: Module [dec]: Ondemand test [chars] stopped

Explanation Informational Syslog

Recommended Action No action is required.

Error Message DIAGCLIENT-5-DIAG_SCHED_COMPLETE: Module <[dec]

Explanation A scheduled Test was completed

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_FAIL: Module <[dec]

Explanation The specified test has reported FAILURE in this Iteration

Recommended Action No action is required.

Error Message DIAGCLIENT-5-ONDEMAND_SUCCESS: Module <[dec]

Explanation The specified test has reported SUCCESS in this Iteration

Recommended Action No action is required.

DIAGCLIENT-7

Error Message DIAGCLIENT-7-DIAG_HM_FAIL: Module <[dec]

Explanation A Health Monitoring Test has reported failure

Recommended Action Ensure the line card is firmly in the slot, reseal if necessary, and attempt to run the test again if the line card is not seated properly in the slot. If the line card was properly seated in the slot, copy the error message exactly as it appears on the console, gather the output of show tech-support, and contact your Cisco technical support representative with the gathered information.

Error Message DIAGCLIENT-7-PER_PORT_TEST_FAIL: Module <[dec]

Explanation Per Port Test has failed on the above all ports

Recommended Action No action is required.

DIAGMGR Messages

This section contains the DIAGMGR messages.

DIAGMGR-2

Error Message DIAGMGR-2-MTS_SEND_FAILURE: MTS send failed, mts_opc: [chars], dest slot: [dec], dest SAP: [dec], error-id: [hex]

Explanation MTS send reports failure

Recommended Action No action is required.

Error Message DIAGMGR-2-PSS_DELETE_FAILURE: Read from PSS failed on Module <[dec]

Explanation Read operation from PSS store failed

Recommended Action No action is required.

Error Message DIAGMGR-2-PSS_WRITE_FAILURE: Write to PSS failed on Module <[dec]

Explanation Write operation on PSS store failed

Recommended Action No action is required.

DIAGMGR-3

Error Message DIAGMGR-3-DIAG_MAJOR_DEFECT: Module <[dec]

Explanation A major error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information.

Error Message DIAGMGR-3-DIAG_MINOR_DEFECT: Module <[dec]

Explanation A minor error was detected during diagnostic testing

Recommended Action Re-seat the card and retry the test. If the same result occurs after reseating the card and retrying the test, copy the error message exactly as it appears on the screen and gather the output of show tech-support and any other relevant information. Contact your technical support representative with the gathered information

Error Message DIAGMGR-3-GET_CURR_SLOT_FAIL: Failed to get the current slot for the process. Error:[chars]

Explanation The process initialization failed to get the current slot.

Recommended Action This is an informational message stating that a process initialization failure.

DIAGMGR-4

Error Message DIAGMGR-4-CURR_SLOT_OFFLINE: Received an LC offline event for the current slot:[dec]. Ignoring it

Explanation The process received an offline event for the slot it is running. Ignoring it.

Recommended Action This is an informational message stating that an unexpected event has been encountered.

Error Message DIAGMGR-4-DISRPT_TST_START: Starting Test <[chars]

Explanation Starting a Disruptive Test can disturb the systems normal functionality'

Recommended Action Reset target module

Error Message DIAGMGR-4-FIXED_INTRVL_CHANGED: The users are not allowed to change monitoring interval of Test <[chars]

Explanation The specified health monitoring test interval is not user-configurable and therefore cannot be changed

Recommended Action Nothing. The specific health monitoring interval is not user- configurable by design so nothing can be done to change the interval

DIAGMGR-5

Error Message DIAGMGR-5-BOOTUP_CONF: Diagnostic Bootup Level: <[chars]

Explanation Current Diagnostic BootUp Level being configure or changed

Recommended Action No action is required.

Error Message DIAGMGR-5-CALLOC_FAILURE: Memory allocation failure

Explanation Memory allocation in a call to malloc/calloc has failed

Recommended Action No action is required.

Error Message DIAGMGR-5-CHANGE_ALWAYS_HM: Health Monitoring test <[chars]

Explanation The specified health monitoring test must be run and cannot be disabled

Recommended Action Nothing. The specific health monitoring test cannot be disabled by design. The system is working properly.

Error Message DIAGMGR-5-HM_START: Health monitoring test <[chars]

Explanation Health Monitoring Test started

Recommended Action No action is required.

Error Message DIAGMGR-5-HM_STOP: Disabling health monitoring test <[chars]

Explanation Health Monitoring Test has been stopped It can be enabled through the diagnostic monitor..... command

Recommended Action No action is required.

Error Message DIAGMGR-5-INTRVL_INCORRECT: Monitoring Interval is less than minimum of [dec] seconds required for Module <[dec]

Explanation Health Monitoring cannot be enabled for the specified test because the interval for the test has been incorrectly set

Recommended Action The system is working properly and no user action is required. If you want to specify a smaller testing interval, the error message text provides the lowest possible configurable interval for the specified monitoring interval

Error Message DIAGMGR-5-MODULE_MISSING: Diagnostic command issued on non-existing Module <[dec]

Explanation A line card could not be located in a slot where a diagnostic action was requested

Recommended Action Ensure the targeted line card is properly seated in the specified slot. If the line card is properly seated, ensure the correct slot was indicated in the command-line interface. If the line card is well-seated and the correct slot was specified, copy the error message exactly as it appears on the screen as well as the output of show tech-support and paste the output into a separate file. Contact your technical support representative with the gathered information

Error Message DIAGMGR-5-NONHM_AS_HM: The Test <[chars]

Explanation Non-HM test cannot be scheduled to run as a Health Monitoring test

Recommended Action No action is required.

DIAGMGR-6

Error Message DIAGMGR-6-BOOTUP_DIAG_OK: Module <[dec]

Explanation The diagnostic tests did not detect any error on the card.

Recommended Action This is an informational message stating that the line card passed the diagnostic tests.

Error Message DIAGMGR-6-BOOTUP_TEST_STARTED: Module <[dec]

Explanation Starting bootup testing for above module

Recommended Action No action is required.

DIAG_PORT_LB Messages

This section contains the DIAG_PORT_LB messages.

DIAG_PORT_LB-2

Error Message DIAG_PORT_LB-2-DIAG_PORT_LB_FABRIC_FAILURE: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty fabric [dec]. Error:[chars]

Explanation GOLD test detected faulty fabric

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-DIAG_PORT_LB_FAIL_NO_ACTION: Module:[dec] Test:[chars] failed [dec] consecutive times. No action taken due to [chars]

Explanation GOLD test failed due to faulty ports.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-DIAG_PORT_LB_PORT_FAILURE: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty port(s):[chars] Error:[chars]. Error disabling ports

Explanation GOLD test failed due to faulty ports.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-DIAG_PORT_LB_SUP_SWOVR_FAIL: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. Supervisor switchover failed due to [hex]

Explanation GOLD test failed due to faulty supervisor. Recovery not possible

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-DIAG_PORT_LB_SUP_SWOVR: Module:[dec] Test:[chars] failed [dec] consecutive times due to faulty supervisor. Error:[chars]. Triggering supervisor switchover to recover

Explanation GOLD test failed due to faulty supervisor. Doing Switchover to recover

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-FIPS_RANDOM_ERROR: Random Number Generation Failure

Explanation Random Number generation failed in FIPS module

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-INT_PORT_LOOPBACK_TEST_FAIL: Module:[dec]
Test:Internal PortLoopback failed [dec] consecutive times. Faulty module:[chars]
[chars] Error:[chars]

Explanation Internak PortLoopback test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-LCM_RESP_SEND_FAILURE: LC Inserted request response
send to Module Manager failed . Error:[chars]

Explanation Failed to send the response for LC insertion to Module Manager.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-LIF_GET_ERROR: [chars]([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed to get Diagnostic LIF id

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-MALLOC_FAILURE: [chars]([dec]) Memory allocation
failed.

Explanation Port Loopback test process could not allocate memory

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-PORTLOOPBACK_TEST_FAIL: Module:[dec]
Test:PortLoopback failed [dec] consecutive times. Faulty module:[chars] [chars]
Error:[chars]

Explanation PortLoopback test failed on the module consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-PROC_INIT_FAILURE: [chars]([dec]) [chars]
Error:[chars]

Explanation Port Loopback test process failed in process initialization

Recommended Action No action is required.

Error Message DIAG_PORT_LB-2-REWRITE_ENGINE_LOOPBACK_TEST_FAIL: Module:[dec] Test:RewriteEngine Loopback failed [dec] consecutive times. Faulty module:[chars] [chars] Error:[chars]

Explanation Rewrite Engine Loopback test failed on the module consecutively

Recommended Action No action is required.

DIAG_PORT_LB-3

Error Message DIAG_PORT_LB-3-DIAG_FWD_PATH_SETUP_FAILURE: [chars]. Module:[dec] Error:[chars].

Explanation Forwarding path setup for port loopback tests failed

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-DIAG_PKT_SEND_FAILURE: [chars]([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed to send loopback packets.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-FSM_LIB_ERROR: [chars]([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-GET_DIAG_BD_FAIL: [chars]([dec]) Failed to get the BD for Diag VLAN:[dec]. Error:[chars].

Explanation Failed to get the BD corresponding to the Diag VLAN

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-IFINDEX_LIB_FAILURE: [chars]([dec]) [chars] [chars]:[hex] [chars] [chars]

Explanation Port Loopback test process failed in if_index library API

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-INVALID_TEST_REQUEST: [chars]([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to get test request info.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-INVALID_TEST_RUN: [chars]([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to get the current test run information

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PDB_LIB_API_ERROR: Failed to [chars]. Error:[dec].

Explanation The port loopback test was not able to get chassis info

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PIXM_LIB_ERROR: [chars]([dec]) Failed to convert [chars]:[hex] to [chars]. Error:[chars]

Explanation Port Loopback test process failed to convert port ifindex <-

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-PORT_CLIENT_LIB_ERROR: [chars]([dec]) [chars]. Error:[chars]

Explanation Port Loopback test process failed in Port Client API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-RESULT_ADD_FAILURE: [chars]([dec]) [chars]:[dec]

Explanation Port Loopback test process failed to add the port test result

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-RESULT_SEND_FAILURE: [chars]([dec]) [chars]

Explanation Port Loopback test process failed to send the test results

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-RW_ENGINE_LOOPBACK_TEST_SPINE_PATH_FAIL: Module:[dec] Test:RewriteEngine Loopback Spine path:[dec] failed [dec] consecutive times. Error:[chars]

Explanation Rewrite Engine Loopback test failed on the spine path consecutively

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-SOCKET_ERROR: [chars]([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed in socket operations

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-STATS_LIB_ERROR: [chars]([dec]) [chars]:[dec]

Explanation Port Loopback test process failed in stats infra lib API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-TEST_RES_SEND_FAIL: Failed to send [chars] test results back to Diagnostics Infrastructure. Error:[chars].

Explanation The port loopback test was not able to send the test results

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-TIMER_LIB_ERROR: [chars]([dec]) [chars]

Explanation Port Loopback test process timer handling failure.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-VLAN_ERROR: [chars]([dec]) [chars] Error:[chars]

Explanation Port Loopback test process failed to get Diagnostic VLAN info

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-VQI_GET_FAIL: Failed to get the Diag VQi from XBM. Error:[chars]

Explanation Rewrite Engine Loopback test failed to get the Diag VQi from XBAR Mgr

Recommended Action No action is required.

Error Message DIAG_PORT_LB-3-XBM_CFG_REQ_FAIL: Failed to configure the XBAR mask while running the RewriteEngineLoopback test. Error:[chars]. Module:[dec] could have gone offline

Explanation Rewrite Engine Loopback test failed to set the XBAR mask while running the test. The target module could have gone offline

Recommended Action No action is required.

DIAG_PORT_LB-4

Error Message DIAG_PORT_LB-4-MTS_LIB_ERROR: [chars]([dec]) [chars].
Warning:[chars]

Explanation Port Loopback test process failed in MTS API.

Recommended Action No action is required.

Error Message DIAG_PORT_LB-4-PORT_CFG_REQ_SEND: [chars]([dec]) Failed to send request to configure port ifindex:[dec] for port loopback test

Explanation Failed to configure/restore the port to do/cleanup port loopback testing

Recommended Action No action is required.

DIAG_PORT_LB-5

Error Message DIAG_PORT_LB-5-DIAG_PORT_LB_DISABLED: DIAG_PORT_LB Disabled

Explanation DIAG_PORT_LB Service Disabled

Recommended Action No action is required.

Error Message DIAG_PORT_LB-5-DIAG_PORT_LB_ENABLED: DIAG_PORT_LB Enabled

Explanation DIAG_PORT_LB Service nabled

Recommended Action No action is required.

DMM Messages

This section contains the DMM messages.

DMM-SLOT#-2

Error Message DMM-SLOT#-2-DMM_LOG: [chars]

Explanation Temp main log

Recommended Action No action is required.

DMM-SLOT#-5

Error Message DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_SRVR_ZONE: Job Id:%Ld VSAN : [dec]
New N-Port FCID : [hex] Server FCID: [hex] are in the same zone. ALERT!!

Explanation A New N-Port has come up which is zoned in the same zone as the Server

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_ERR_DMM_NEW_NPORT_STG_ZONE: Job Id:%Ld VSAN : [dec]
New N-Port FCID : [hex] Storage FCID: [hex] are in the same zone. ALERT!!

Explanation A New N-Port has come up which is zoned in the same zone as the Storage

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_ERR_DMM_SRVR_RSCN: Job Id:%Ld Server N-Port
pWWN: 0x%Lx [chars]

Explanation An RSCN event was received for the Server associated with a Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_ERR_DMM_STG_RSCN: Job Id:%Ld N-Port pWWN: 0x%Lx
Storage: [chars] [chars]

Explanation An RSCN event was received for the Storage associated with a Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_COMPLETE: Job Id:%Ld NumSession: [dec]

Explanation Event indicating the completion of a Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR_LOST_SSM_PEER_CONNECTION: Job
Id:%Ld NumSession: [dec]

Explanation Event indicating the Suspension of Data Migration Job due to loss in ip connectivity to peer ssm

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_ERROR: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_FINISH: Job Id:%Ld NumSession:[dec]

Explanation Event indicating Finish-request for a Method-2 Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_START: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the start of a Data Migration Job

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_STOP: Job Id:%Ld NumSession:[dec]

Explanation Event indicating that the Data Migration Job was stopped by Administrator

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_TCP_CONNECTION_DOWN: Job Id:%Ld lost connection to peer [chars]. Job may be RESET

Explanation Event indicating IP Connectivity loss to peer SSM. Affected Job maybe be RESET

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_COMPLETE: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the completion of a Data Migration Job Verification

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_ERROR: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job Verification due to an error

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_START: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the start of a Data Migration Job Verification

Recommended Action No action is required.

Error Message DMM-SLOT#-5-LOG_EV_DMM_JOB_VERIFY_STOP: Job Id:%Ld NumSession:[dec]

Explanation Event indicating the Suspension of Data Migration Job Verification by the user

Recommended Action No action is required.

DOT1X Messages

This section contains the DOT1X messages.

DOT1X-2

Error Message DOT1X-2-DOT1X_INIT: Dot1x unable to start

Explanation The system failed to create the Dot1x process

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DOT1X-3

Error Message DOT1X-3-DOT1X_ENABLE_STATIC_MAC_FOUND: Static mac found on an interface [chars], dot1x enable failed in ethpm pre-cfg

Explanation Dot1x is not supported on an interface which is configured with static mac entries

Recommended Action Remove the static mac entry on the interface

Error Message DOT1X-3-ERR_SPANDST: It is configured as a SPAN Dest port.

Explanation Dot1x and SPAN Dest ports are mutually exclusive features.

Recommended Action Disable SPAN destination port configuration first before reconfiguring Dot1x on the port.

Error Message DOT1X-3-INVALID_INPUT: Invalid on interface [chars].

Explanation The Dot1x interface parameter is out of the specified range or is invalid.

Recommended Action Refer to the CLI help documentation to determine the valid 802.1x parameters.

Error Message DOT1X-3-MEM_UNAVAIL: perform the 802.1X action.

Explanation Insufficient system memory is available to perform the Dot1x Authentication.

Recommended Action Reduce other system activity to ease memory demands. If conditions warrant, upgrade to a larger memory configuration.

Error Message DOT1X-3-NOT_DOT1X_CAPABLE: [chars].

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

Error Message DOT1X-3-SECURE_MAC_INSERT_FAILED: address [chars] could not be secured on interface [chars]

Explanation The interface specified in the error message could not secured supplicant mac. The port has been Error disabled.

Recommended Action Mac address could not be added into mac address table. Enter the <Cmd

Error Message DOT1X-3-SECURITY_VIOLATION: New MAC address [chars] is seen on interface [chars] in [chars] mode

Explanation The port on the interface specified in the error message is configured in single host mode. Any new host that is detected on the interface is treated as a security violation. The port has been Error disabled.

Recommended Action Ensure that the port is configured to use only one host. Enter the <Cmd

Error Message DOT1X-3-SM_INIT: Internal error while initializing state machine [chars], state [chars]: [chars]

Explanation An attempt was made to initialize an invalid state machine.

Recommended Action Initialize dot1x state machine

DOT1X-4

Error Message DOT1X-4-BADEVENT: Event [chars] is invalid for the current state [chars]: [chars] [chars]

Explanation An attempt was made to post an event to a state machine that is invalid for the current state.

Recommended Action Initialize dot1x state machine

Error Message DOT1X-4-MAB_DISABLED_ON_PCM: Interface [chars] is a member of portchannel, MAB is not supported on this port

Explanation MAB is not supported on portchannel member port

Recommended Action To enable MAB make sure that port is not member of portchannel

Error Message DOT1X-4-MAB_DISABLED: Interface [chars] is in Trunk mode, MAB is not supported on this port

Explanation MAB is not supported on Trunk port

Recommended Action To enable MAB make sure that port is not in trunk mode

Error Message DOT1X-4-MULTIHOST_ON_PCM: Interface [chars] is a member of portchannel, dot1x host mode will be multi-host and changing it to single-host mode wontbesupported'

Explanation Current Port is a member of portchannel, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not a member of portchannel

Error Message DOT1X-4-PSEC_ON_PCM: Interface [chars] is a member port or portchannel interface with port security configuration

Explanation Dot1x is not supported on member ports or port channel with port security configuration

Recommended Action Remove port security configuration on the member port or port channel interface

Error Message DOT1X-4-STOPPED: Event [chars] ignored because the state machine is stopped: [chars] [chars]

Explanation An attempted was made to post an event to a state machine that has already been stopped.

Recommended Action An internal error has occurred with the state machine. The traceback should indicate the guilty party.

Error Message DOT1X-4-TO_MULTIHOST: Interface [chars] is in trunk mode, dot1x host mode will be multi-host and changing it to single-host mode wontbesupported'

Explanation Current Port is in trunk mode, so dot1x host mode has to be in multi-host mode.

Recommended Action To change host mode, ensure that port is not in trunk mode

DOT1X-5

Error Message DOT1X-5-DOT1X_DISABLED: dot1x Disabled

Explanation Dot1x Service Disabled

Recommended Action No action is required.

Error Message DOT1X-5-DOT1X_ENABLED: dot1x Enabled

Explanation Dot1x Service Enabled

Recommended Action No action is required.

Error Message DOT1X-5-DOT1X_NOTIF: [chars]

Explanation Dot1x Notification

Recommended Action No action is required.

Error Message DOT1X-5-INVALID_MAC: broadcast or multicast mac address) [chars] is trying to authenticate.

Explanation Authentication using 802.1x is not allowed for zero, broadcast, and multicast source MAC addresses.

Recommended Action Connect a Dot1x supported Host to the Dot1x enabled port.

Error Message DOT1X-5-PAC_STATUS: PAC provisioning for the server [chars] through the vrf [chars] [chars]

Explanation PAC provisioning status

Recommended Action No action is required.

Error Message DOT1X-5-SESSION_CREATION: Dot1x authentication session initiated in interface [chars] using authentication method [chars]

Explanation Dot1x authentication session has been created after successful authentication of supplicant

Recommended Action No action is required.

Error Message DOT1X-5-SESSION_TERMINATION: Dot1x authentication session in interface [chars] using authentication method [chars] is terminated because of [chars] and port moved to [chars] state

Explanation Dot1x authentication session has been terminated

Recommended Action No action is required.

Error Message DOT1X-5-STATUS: Dot1x interface [chars] status changed from [chars] to [chars]

Explanation Dot1x authenticator has changed its internal state

Recommended Action No action is required.

DOT1X-6

Error Message DOT1X-6-NOT_DOT1X_CAPABLE_SAT_FABRIC: [chars].

Explanation Dot1x Authentication can only be enabled on physical Ethernet interfaces.

Recommended Action Enable Dot1x Authentication on physical Ethernet interfaces only.

DPP_DEBUG Messages

This section contains the DPP_DEBUG messages.

DPP_DEBUG-2

Error Message DPP_DEBUG-2-DPP_CRIT: [DPP[dec]] [chars]

Explanation A DPP generated a critical message

Recommended Action No action is required.

DPVM Messages

This section contains the DPVM messages.

DPVM-2

Error Message DPVM-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-2-DPVM_DUPL_REJECT: [chars]

Explanation Rejected duplicate pwwn query

Recommended Action Dpvm overwrite-duplicate-pwwn

DPVM-3

Error Message DPVM-3-DB_ERR: [chars]

Explanation An error occurred during an DPVM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-DDAS_MODE_INVALID: [chars]

Explanation DDAS mode Invalid. [chars]

Recommended Action Flip DDAS mode

Error Message DPVM-3-INIT_FAIL: [chars]

Explanation An error happened during DPVM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message DPVM-3-PSS_ERR: [chars]

Explanation An error occurred during an DPVM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

DPVM-4

Error Message DPVM-4-ACTIVATION_FAIL: [chars]

Explanation Activation of DPVM device mappings failed due to [chars]

Recommended Action Correct the error and reactivate database again

Error Message DPVM-4-FEATURE_DISABLED: [chars]

Explanation DPVM is unavailable and disabled now

Recommended Action No action is required.

DPVM-6

Error Message DPVM-6-FEATURE_ENABLED: [chars]

Explanation DPVM is available and enabled now

Recommended Action No action is required.

Error Message DPVM-6-INFO: [chars]

Explanation An event happened that affects DPVM. [chars] indicates the event

Recommended Action No action is required.

DSTATS Messages

This section contains the DSTATS messages.

DSTATS-2

Error Message DSTATS-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]

Explanation Dstats process pss initialization failure due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

DSTATS-3

Error Message DSTATS-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]

Explanation Dstats process pss create runtime database failure due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

Error Message DSTATS-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]

Explanation Dstats process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]

Explanation Dstats process pss set runtime max key failure due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]

Explanation Dstats process pss set runtime max value failure due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]

Explanation Dstats process pss open runtime database failure due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]

Explanation Dstats process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]

Explanation Dstats process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command `showflash'.Seepssystemerrorcodesforreason.'`

Error Message DSTATS-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]

Explanation Dstats process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

Error Message DSTATS-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]

Explanation Dstats process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

DT_HELPER Messages

This section contains the DT_HELPER messages.

DT_HELPER-2

Error Message DT_HELPER-2-MALLOC_FAILURE: Memory allocation failed

Explanation GOLD Test Helper process could not allocate memory

Recommended Action No action is required.

ELTMC Messages

This section contains the ELTMC messages.

ELTMC-2

Error Message ELTMC-2-MAX_PORT_PER_VLAN: Hit max ports per vlan [dec] count [dec]

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_GENERIC_DEBUG: [chars]

Explanation Logging some generic debugging info

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]

Explanation ELTM database doesnthavetheinterface.'

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]

Explanation ELTM doesntupporttheinterfaceforthespecifiedoperation'

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_INTF_TO_SLOT: Failed to get slot for interface [chars] return status [chars]

Explanation ELTM Failed to get Slot for interface. Port-channels and L2 Learning might be effected

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_INTF: Failed to allocate L2 LIF entries in forwarding engine for interfac [chars]

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_VDC: Failed to allocate L2 LIF entries in forwarding engine

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding in this VDC

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L2_LIF_REALLOC_FAIL_INTF: Failed to realloc L2 LIF entries in forwarding engine for interface [chars]

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface. ISSU failed for certain interfaces

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_L3_INGRESS_LIF_ALLOC_FAIL_INTF: Failed to allocate L3 Ingress LIF entries in forwarding engine for interfac [chars]

Explanation ELTM Failed to allocate L3 Ingress LIF entries in forwarding engine. This will effect Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_LDB_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for interface [chars] for non-XL linecard

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Shutdown the interfaces

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_LTL_ISSUE_EXT_COMP: Critical LTL clean-up issue (either ETHPM/PIXM) [chars]

Explanation LTL didnt get cleaned-up either becos of ETHPM not sending DELETE or PIXM issuing a duplicate LTL

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_NONXL_LDB_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for certain interfaces for non-XL linecard

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Shutdown the interfaces

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_PVLAN_XLT_ADD_FAIL: Failed to apply translation table add [chars]

Explanation ELTM Failed to apply vlan translation table on an interface add

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_PVLAN_XLT_DEL_FAIL: Failed to apply translation table del [chars]

Explanation ELTM Failed to apply vlan translation table on an interface del

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_RSVD_VLAN: Failed to get the reserved vlans. Failed with error [chars]

Explanation ELTM Failed to get the reserved vlans. This will effect multicast forwarding on SVI interfaces'

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_VDC_LIF_REALLOC_FAIL: Failed to realloc LDB in forwarding engine for vdc [dec]. Reload VDC after config reduction

Explanation ELTM Failed to allocate L2 LIF entries in forwarding engine. ISSU failed for this VDC. Remove the interfaces and then reload VDC

Recommended Action No action is required.

Error Message ELTMC-SLOT#-2-ELTMC_VLAN_INTERNAL_ERROR: Internal error: VLAN [dec]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for further analysis.

Recommended Action No action is required.

ELTM Messages

This section contains the ELTM messages.

ELTM-2

Error Message ELTM-2-INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm

Explanation ELTM hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message ELTM-2-INTF_NOT_FOUND: Interface [chars] not found in ELTM database [chars]

Explanation ELTM database doesnthavetheinterface.'

Recommended Action No action is required.

Error Message ELTM-2-INTF_NOT_SUPP: Interface [chars] not supported by ELTM [chars]

Explanation ELTM doesntupporttheinterfaceforthespecifiedoperation'

Recommended Action No action is required.

Error Message ELTM-2-INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]

Explanation ELTM Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

ELTM-3

Error Message ELTM-3-OTV_FEATURE_FAIL: Feature OTV failed : [chars]

Explanation Error in ELTM while handling feature OTV request from OIM

Recommended Action No action is required.

ELTM-5

Error Message ELTM-5-EXT_COMP_ERR: [chars] component error [chars]

Explanation Recently applied Multicast config on the interface was unsuccessful, so reverting to the old state (before config)

Recommended Action No action is required.

ELTM-6

Error Message ELTM-6-ELTM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]

Explanation No action is required.

Recommended Action Eltm

EOU Messages

This section contains the EOU messages.

EOU-2

Error Message EOU-2-PBACL_APPLICATION_FAILURE: [chars] of host [chars] to/from pbacl group [chars] failed. Error : [chars]

Explanation Failure of host addition/deletion to/from pbacl group

Recommended Action Please verify the addition/deletion of the host using the cli "show object-group". If it was a delete request that failed, manual deletion of the host from the group is recommended

EOU-5

Error Message EOU-5-L2NAC_DISABLED: EOU Disabled

Explanation Service EOU Disabled

Recommended Action No action is required.

Error Message EOU-5-L2NAC_ENABLED: EOU Enabled

Explanation Service EOU enabled

Recommended Action No action is required.

EOU-6

Error Message EOU-6-AAA_DOWN: Default Policy ip: [chars]:retained

Explanation Policy retained

Recommended Action No action is required.

Error Message EOU-6-AUTHTYPE: Authtype: ip: [chars] Authtype:[chars]

Explanation Authentication type

Recommended Action No action is required.

Error Message EOU-6-BAD_PKT: Bad Packet: ip: [chars] Why: [chars]

Explanation Bad Packet because of reason specified

Recommended Action No action is required.

Error Message EOU-6-CTA: CTA: ip: [chars] status(detected/not detected): [chars]

Explanation CTA detected or not

Recommended Action No action is required.

Error Message EOU-6-IDENTITY_MATCH: Identity Match: ip: [chars] Policy: [chars]

Explanation Identity Matched or not

Recommended Action No action is required.

Error Message EOU-6-PBACL_APPLICATION_STATUS: [chars] of host [chars] to/from pbacl group [chars] succeeded

Explanation Status of host addition/deletion to pbacl group

Recommended Action No action is required.

Error Message EOU-6-POLICY: Policy on ip: [chars]: [chars]: [chars]

Explanation Policy applied

Recommended Action No action is required.

Error Message EOU-6-POSTURE: Posture:ip: [chars] Status: [chars], Interface: [chars]

Explanation Posture of host

Recommended Action No action is required.

Error Message EOU-6-SESSION: Session ip: [chars] Action:[chars] , Interface: [chars]

Explanation Session detected

Recommended Action No action is required.

Error Message EOU-6-SOCKET: Service eou on port: [dec]

Explanation Eou using above port

Recommended Action No action is required.

Error Message EOU-6-SQ_EAP_MSG: Status Query: ip: [chars] status: [chars]

Explanation Status query state

Recommended Action No action is required.

Error Message EOU-6-UNKN_EVENT_ERR: Unknow Event Err: ip: [chars] Message: [chars]

Explanation Error due to unknown event

Recommended Action No action is required.

Error Message EOU-6-VERSION_MISMATCH: Eou version mismatch ip: [chars] and version [dec]

Explanation Eou version mismatch

Recommended Action No action is required.

EOU-7

Error Message EOU-7-EOU_DISABLED_INTF: eou disabled on interface [chars]

Explanation Eou service disabled on interface

Recommended Action No action is required.

Error Message EOU-7-EOU_ENABLED_INTF: eou enabled on interface [chars]

Explanation Eou service enabled on interface

Recommended Action No action is required.

EPLD_AUTO Messages

This section contains the EPLD_AUTO messages.

EPLD_AUTO-2

Error Message EPLD_AUTO-2-AUTO_UPGRADE_CHECK: Automatic EPLD upgrade check for module [dec]: [chars]

Explanation Automatic upgrade pre upgrade notice.

Recommended Action No action is required.

Error Message EPLD_AUTO-2-AUTO_UPGRADE_ENDED: Automatic EPLD Upgrade completed for module [dec]

Explanation Automatic upgrade of module completed.

Recommended Action No action is required.

Error Message EPLD_AUTO-2-AUTO_UPGRADE_STARTED: Automatic EPLD Upgrade started for module [dec]

Explanation Automatic upgrade of module started.

Recommended Action No action is required.

Error Message EPLD_AUTO-2-AUTO_UPGRADE_STATUS: [chars]

Explanation Automatic upgrade status notice.

Recommended Action No action is required.

EPLD_UPGRADE Messages

This section contains the EPLD_UPGRADE messages.

EPLD_UPGRADE-2

Error Message EPLD_UPGRADE-2-ACTIVE_SINGLE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec].

Explanation Install all epld does not upgrade Active Supervisor in a switch with a single supervisor.

Recommended Action No action is required.

Error Message EPLD_UPGRADE-2-ACTIVE_SUP_UPGRADE: install all epld does not upgrade Active Supervisor module [dec]. Please do a switchover and upgrade the EPLDs on module [dec].

Explanation Install all epld did not upgrade Active Supervisor.

Recommended Action No action is required.

EPP Messages

This section contains the EPP messages.

EPP-5

Error Message EPP-5-EPP_FAILURE: Interface [chars] EPP Failure

Explanation Trunk protocol failed

Recommended Action showeppinternalevent-historyerr'willindicatetheerrorsencountered'

Error Message EPP-5-EPP_LOOPBACK: Interface [chars] is looped back to the same switch

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message EPP-5-EPP_TRUNK_PROTOCOL_STATUS: epp trunk protocol is [chars] on switch

Explanation Epp trunk protocol enabled/disabled on the switch

Recommended Action No action is required.

ETH-PORT-SEC Messages

This section contains the ETH-PORT-SEC messages.

ETH-PORT-SEC-3

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_CONFIG_MAC_FAILED: Failed to configure MACs

Explanation Failed to configure MACs

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_INVALID_VLAN: Invalid VLAN configuration

Explanation Invalid VLAN configuration

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_SECURITY_VIOLATION_ANOTHER_PORT: Host [chars] bound to Port [chars] in Vlan [dec] is trying to access Port [chars] in Vlan [dec]

Explanation Moved the port to violation state due to a mac address seen on one port being seen on another

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_SECURITY_VIOLATION_MAX_MAC_VLAN: Port [chars] moved to [chars] state as host [chars] is trying to access the port in vlan [dec]

Explanation Moved the port to violation state due to exceeding address count

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_DISABLE: Unable to disable eth_port_sec [chars].

Explanation Unable to disable eth_port_sec Service

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_UNABLE_TO_ENABLE: Unable to enable eth_port_sec [chars].

Explanation Unable to enable eth_port_sec Service

Recommended Action No action is required.

Error Message ETH-PORT-SEC-3-ETH_PORT_SEC_VIOL_UPDATE_FAILED: Failed to update violation mode

Explanation Failed to update violation mode

Recommended Action No action is required.

ETH-PORT-SEC-5

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_AGE_TIME_EXPIRY: Age Time expired for host [chars] in VLAN [dec] in port [chars]

Explanation Age time expired for host

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DISABLED: eth_port_sec Disabled on if_index: [hex]

Explanation Eth_port_sec Service Disabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_DYNAMIC_MAC_ADDRESS_CLEARED: Dynamic MAC addresses for port [chars] cleared

Explanation Dynamic MAC address for port cleared

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_ENABLED: eth_port_sec Enabled on if_index: [hex]

Explanation Eth_port_sec Service Enabled

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_ADDITION: A new Host [chars] learnt on Port [chars] in Vlan [dec]

Explanation A new host is learnt on a port

Recommended Action No action is required.

Error Message ETH-PORT-SEC-5-ETH_PORT_SEC_HOST_DELETION: Host [chars] bound to secure port [chars] in Vlan [dec] has been removed

Explanation A host has been removed

Recommended Action No action is required.

ETHPORT Messages

This section contains the ETHPORT messages.

ETHPORT-2

Error Message ETHPORT-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message ETHPORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command showportinternalallinterface[char]'.Inmostcases,youcanrecoverusinga'shutdown'followeda'noshutdown'ontheinterfaceorremovingandre-insertingthefibreopticcable.'

Error Message ETHPORT-2-IF_SEQ_ERROR: Error ([chars]) communicating with [chars] for opcode [chars] ([chars])

Explanation Some component returned system error as a response to one of the port event sequence.

Recommended Action None

Error Message ETHPORT-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message ETHPORT-2-SYSLOG_ETHPM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

ETHPORT-3

Error Message ETHPORT-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform shut'and'noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message ETHPORT-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message ETHPORT-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message ETHPORT-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message ETHPORT-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message ETHPORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message ETHPORT-3-IF_XCVR_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message ETHPORT-3-IF_XCVR_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

ETHPORT-4

Error Message ETHPORT-4-IF_DOWN_NOT_PC_MEMBER: Interface [chars] is down (Not PC Member)

Explanation Port needs to be port-channel member for current configuration

Recommended Action No action is required.

Error Message ETHPORT-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message ETHPORT-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message ETHPORT-4-IF_XCVR_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

ETHPORT-5

Error Message ETHPORT-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform noshutdown"

Error Message ETHPORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message ETHPORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message ETHPORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message ETHPORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action

showportinternalevent-historymsgswillindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message ETHPORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of

showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message ETHPORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message ETHPORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message ETHPORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message ETHPORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message ETHPORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module hardware has failed'

Recommended Action Collect more information about failed module using command show module internal all module"

Error Message ETHPORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a show port internal info 'to determine the list of modes supported on this interface'

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from show port internal info"

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from show port internal info"

Error Message ETHPORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a show port internal info 'to determine the range of speeds supported on this interface'

Error Message ETHPORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of showportinternalevent-history'todeterminewhatitiswaitingfor'

Error Message ETHPORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message ETHPORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command attachmodule'toconnecttomodule'

Error Message ETHPORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message ETHPORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command showportinternalinfo/event-history'todeterminewhyitwentdown'

Error Message ETHPORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PARENT_DOWN: Interface [chars] is down (Parent interface is down)

Explanation The physical link on the parent interface has gone down

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message ETHPORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message ETHPORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannelmembers'

Error Message ETHPORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message ETHPORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down (Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message ETHPORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message ETHPORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message ETHPORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message ETHPORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message ETHPORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message ETHPORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message ETHPORT-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action No action is required.

Error Message ETHPORT-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action No action is required.

Error Message ETHPORT-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message ETHPORT-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message ETHPORT-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message ETHPORT-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message ETHPORT-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

ETH_PORT_CHANNEL Messages

This section contains the ETH_PORT_CHANNEL messages.

ETH_PORT_CHANNEL-1

Error Message ETH_PORT_CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed
[[chars]]

Explanation Module configuration failed

Recommended Action Module will be automatically reset

Error Message ETH_PORT_CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size
[dec])

Explanation No enough memory

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for
[chars] [[chars]]

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message ETH_PORT_CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast
[chars]: [chars]

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

ETH_PORT_CHANNEL-2

Error Message ETH_PORT_CHANNEL-2-RESET_MODULE: reset module [dec] for not
responding or returning error

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

ETH_PORT_CHANNEL-3

Error Message ETH_PORT_CHANNEL-3-ADD_REM_MEMBERS_FAILURE: [chars]

Explanation Some service(s) failed to add or remove ports to port-channel

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-ALL_DROP_TIMEOUT: Some component(s) (sap:[chars]) timed out on dropping notif:[chars] (for:[chars]); Please collect <show system internal mts buffers details

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

Error Message ETH_PORT_CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-NUM_ACTIVE_PORTS_ERROR: Port-channel:[chars] active_nports [dec]; No member is active; Please collect <show tech-support port-channel/ethpm

Explanation Port-channel num active ports error

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-PCM_HWCFG_FAIL_ERROR: Port-channel:[chars] mbr:[chars] SAP [dec] returned error [chars] for opc [chars]; if lacp port-channel please collect <show tech-support lacp all

Explanation Port-channel hwcfg fail error

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-PCM_INTERNAL_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all

Explanation Port-channel internal error

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-PCM_PORT_DEL_IN_PC_UP_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all

Explanation Port-channel port del in pc_up. Shut resp recvd before bundle member down

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-PCM_PORT_DOWN_IN_PC_UP_ERROR: Port-channel:[chars] mbr:[chars]; if lacp port-channel please collect <show tech-support lacp all

Explanation Port-channel port down in pc_up. No bundle member down

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-3-RESOURCE_ALLOC_FAILED_PORT_CHANNEL_DELETED: [chars] deleted

Explanation Port-channel deleted from running config

Recommended Action May need to re-configure the port-channel and its members

Error Message ETH_PORT_CHANNEL-3-RSP_TIMEOUT: Component [chars] timed out on response to opcode:[chars] (for:[chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

Error Message ETH_PORT_CHANNEL-3-SHADOW_MBR_CHANGE_FAILURE: [chars]

Explanation Some service failed shadow member change to port-channel

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-SHADOW_PC_CREATE_FAILURE: [chars]

Explanation Some service failed shadow port-channel create

Recommended Action None

Error Message ETH_PORT_CHANNEL-3-SHADOW_PC_DELETE_FAILURE: [chars]

Explanation Some service failed shadow port-channel delete

Recommended Action None

ETH_PORT_CHANNEL-4

Error Message ETH_PORT_CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars] (different module inserted)

Explanation Port is removed from a port-channel because a different module was inserted to the same slot

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message ETH_PORT_CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message ETH_PORT_CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-4-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

ETH_PORT_CHANNEL-5

Error Message ETH_PORT_CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-CREATED: [chars] created

Explanation A port-channel is created

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-DELETED: [chars] deleted

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

Error Message ETH_PORT_CHANNEL-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation Operational compatibility check failed on the port in a port-channel

Recommended Action Make sure the compatibility parameters are consistent between the ports and the port-channel

Error Message ETH_PORT_CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number>

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface>

Error Message ETH_PORT_CHANNEL-5-PORT_ADDED: [chars] added to [chars]

Explanation Ports are added to a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_DOWN: [chars]: [chars] is down

Explanation Port goes down in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY_DOWN: [chars]: hot-standby port [chars] is down

Explanation Port-channel hot-standby member goes down

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_HOT_STANDBY: [chars]: [chars] goes to hot-standby

Explanation Port goes to hot-standby in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_INDIVIDUAL_DOWN: individual port [chars] is down

Explanation Port-channel member operating in individual mode goes down

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_SUSPENDED: [chars]: [chars] is suspended

Explanation Port is suspended in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-PORT_UP: [chars]: [chars] is up

Explanation Port comes up in a port-channel

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-5-SUBGROUP_ID_CHANGE: Interface [chars] in port-channel[dec] subgroup-id changed from [dec] to [dec]

Explanation The portssubgroup-idgotchanged'

Recommended Action No action is required.

ETH_PORT_CHANNEL-6

Error Message ETH_PORT_CHANNEL-6-RESYNC: resyncing [chars] with all modules

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

ETH_PORT_CHANNEL-7

Error Message ETH_PORT_CHANNEL-7-GSYNC_DONE: global synchronization is done

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-GSYNC_REQ: requesting global synchronization

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_ACTIVE: started in active mode

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_DEFAULT: started with default configuration

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STANDBY: started in standby mode

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STATEFUL: started statefully

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message ETH_PORT_CHANNEL-7-START_STATELESS: started statelessly

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

EUREKA_USD Messages

This section contains the EUREKA_USD messages.

EUREKA_USD-3

Error Message EUREKA_USD-3-MSG1: [chars]

Explanation Eureka log message

Recommended Action No action is required.

EVMC Messages

This section contains the EVMC messages.

EVMC-3

Error Message EVMC-3-MTS_OPERATION_FAILED: [chars]([dec]): [chars]

Explanation Internal IPC operation failed in Event Manager Client

Recommended Action No action is required.

EVMC-4

Error Message EVMC-4-ACTION_CFG_MONITOR_COLLECT: [chars]([dec]): Action configuration disallowed for Monitor Collect Policy

Explanation Configuring Policy Action for Monitor Collect Policy is not allowed and hence, has been rejected

Recommended Action No action is required.

EVMC-5

Error Message EVMC-5-AVL_CREATE_FAIL: [chars]([dec]): AVL Tree creation failure

Explanation Event Manager could not initialize local policy store

Recommended Action No action is required.

Error Message EVMC-5-MALLOC_FAILURE: [chars]([dec]): Memory allocation failure

Explanation Event Manager Client process could not allocate memory

Recommended Action No action is required.

Error Message EVMC-5-RT_PSS_OP_FAILURE: [chars]([dec]): Failed to [chars].
Error:[chars]

Explanation Event Manager Client could not access HA store

Recommended Action No action is required.

EVMED Messages

This section contains the EVMED messages.

EVMED-2

Error Message EVMED-2-EVMED_PSS_DELETE_FAILURE: Delete from PSS failed

Explanation Delete from PSS failed

Recommended Action No action is required.

Error Message EVMED-2-EVMED_PSS_WRITE_FAILURE: Write to PSS failed

Explanation Write to PSS failed

Recommended Action No action is required.

EVMED-5

Error Message EVMED-5-EVMED_DISABLED: Event Detectors Disabled

Explanation Event manager event detector service disabled

Recommended Action No action is required.

Error Message EVMED-5-EVMED_ENABLED: Event Detectors Enabled

Explanation Event manager event detector service enabled

Recommended Action No action is required.

EVMS Messages

This section contains the EVMS messages.

EVMS-2

Error Message EVMS-2-EVMS_PSS_DELETE_FAILURE: Delete from PSS failed

Explanation Delete from PSS failed

Recommended Action No action is required.

Error Message EVMS-2-EVMS_PSS_WRITE_FAILURE: Write to PSS failed

Explanation Write to PSS failed

Recommended Action No action is required.

Error Message EVMS-2-EVMS_SHOW_POLICY_ALLOC_FAILURE: Insufficient memory: policy information shown will be incomplete

Explanation Memory allocation failed. so complete requested information is not being shown

Recommended Action No action is required.

EVMS-4

Error Message EVMS-4-EVMS_APPLET_NO_ACTION_DEFAULT: WARNING: The default system policy actions are being skipped

Explanation The default system policy actions are being skipped

Recommended Action No action is required.

EVMS-6

Error Message EVMS-6-EVMS_LOGGING_NO_SPACE: logflash full, so deleting first event archive file

Explanation As the logflash is full, first of the present event archive files is deleted

Recommended Action No action is required.

EXAMPLE_TEST Messages

This section contains the EXAMPLE_TEST messages.

EXAMPLE_TEST-5

Error Message EXAMPLE_TEST-5-EXAMPLE_TEST_DISABLED: EXAMPLE_TEST Disabled

Explanation EXAMPLE_TEST Service Disabled

Recommended Action No action is required.

Error Message EXAMPLE_TEST-5-EXAMPLE_TEST_ENABLED: EXAMPLE_TEST Enabled

Explanation EXAMPLE_TEST Service nabled

Recommended Action No action is required.

EXCEPTIONLOG Messages

This section contains the EXCEPTIONLOG messages.

EXCEPTIONLOG-SLOT#-2

Error Message EXCEPTIONLOG-SLOT#-2-LC_EXP_MSG: Linecard exception: [chars] is the affected Port bit map. [dec] Additional information - [chars]

Explanation LC Exception event.

Recommended Action No action is required.

EX_SYSLOG Messages

This section contains the EX_SYSLOG messages.

EX_SYSLOG-0

Error Message EX_SYSLOG-0-EMER_MSG: Emergency Message - [dec]

Explanation A Dummy emergency message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-1

Error Message EX_SYSLOG-1-ALERT_MSG: Alert Message - [chars] [dec]

Explanation A Dummy alert message to test syslogd from ex_syslog. [chars] is the a dummy text. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-2

Error Message EX_SYSLOG-2-CRIT_MSG: Critical Message - [dec]

Explanation A Dummy critical message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-3

Error Message EX_SYSLOG-3-ERR_MSG: Error Message - [dec]

Explanation A Dummy error message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-4

Error Message EX_SYSLOG-4-WARNING_MSG: Warning Message - [dec]

Explanation A Dummy warning message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-5

Error Message EX_SYSLOG-5-NOTICE_MSG: Notice Message - [dec]

Explanation A Dummy notice message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-6

Error Message EX_SYSLOG-6-INFO_MSG: Info Message - [dec]

Explanation A Dummy info message to test syslogd from ex_syslog. [dec] is the message count

Recommended Action No action is required.

EX_SYSLOG-7

Error Message EX_SYSLOG-7-DEBUG_MSG: Debug Message - [dec]

Explanation A Dummy debug message to test syslogd from ex_syslog. [dec] is the message count
No action is required.

F16_CMN_USD Messages

This section contains the F16_CMN_USD messages.

F16_CMN_USD-6

Error Message F16_CMN_USD-6-F16_CMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_FWD_USD Messages

This section contains the F16_FWD_USD messages.

F16_FWD_USD-6

Error Message F16_FWD_USD-6-F16_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_MAC_USD Messages

This section contains the F16_MAC_USD messages.

F16_MAC_USD-3

Error Message F16_MAC_USD-3-F16_MAC_ERR_MSG: [chars]

Explanation Error log message

Recommended Action No action is required.

F16_MAC_USD-6

Error Message F16_MAC_USD-6-F16_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_QUE_USD Messages

This section contains the F16_QUE_USD messages.

F16_QUE_USD-6

Error Message F16_QUE_USD-6-F16_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

F16_XBAR_USD Messages

This section contains the F16_XBAR_USD messages.

F16_XBAR_USD-6

Error Message F16_XBAR_USD-6-F16_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FABRICPATH Messages

FABRICPATH-2

Error Message FABRICPATH-2-FABRICPATH_LINK_BRINGUP_STALLED_STATIC: Link bringup stalled due to conflicts

Explanation Interface is disabled due to conflicts

Recommended Action No action is required.

FABRICPATH-4

Error Message FABRICPATH-4-FABRICPATH_ES_REMOTE_CONFLICT: Remote ES Switch-id collides with local/remote switch-id in database

Explanation Conflict between Remote ES switch-id and non ES switch-id in database

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_INVALID_FTAG: Invalid ftag [dec] received

Explanation Invalid ftag is received from remote

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_INVALID_SWITCH_ID: Invalid switch-id [dec] received

Explanation Invalid switch-id is received from remote

Recommended Action No action is required.

Error Message FABRICPATH-4-FABRICPATH_LOCAL_SWID_UNKNOWN: Local Switch-id is not known to Resource Allocation manager

Explanation Resource Allocation Manager was not able to recover the local switch-id

Error Message No action is required.

FABRICPATH-6

Error Message FABRICPATH-6-FABRICPATH_LINK_BRINGUP_RESOLVE_COLLISION: Resolving Collision for switch-id [dec]

Explanation Resolving Collision for switch-id

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_LINK_BRINGUP_STALLED_CLEARED: LINK bringup cleared for [chars] after collision resolution

Explanation Link bringup temporarily suspended due to conflicts

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_LINK_BRINGUP_STALLED: LINK bringup suspended for [chars] due to conflicts

Explanation Link bringup temporarily suspended due to conflicts

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_NEW_ES_SWITCH_ID: New Emulated switch-id [chars] received

Explanation New Emulated switch-id received

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_NEW_SWITCH_ID: New switch-id [chars] received

Explanation New switch-id received

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_CHANGED: Switch-id [dec] is assigned with [chars] state

Explanation Local switch-id is changed

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_CONFLICTS: Switch-id [dec] is in conflict with device [chars]

Explanation Local switch-id collision with other device

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_PRI_SEC_CHANGED: Switch-id [dec] is changed to [chars]

Explanation Local switch-id status changed

Recommended Action No action is required.

Error Message FABRICPATH-6-FABRICPATH_SWID_STATE_CHANGED: Switch-id [dec] status changed to [chars]

Explanation Local switch-id status changed

Recommended Action No action is required.

FALCON Messages

This section contains the FALCON messages.

FALCON-SLOT#-2

Error Message FALCON-SLOT#-2-FALCON_EXITED: Falcon exited (syserr = [dec], errno = [dec])

Explanation Falcon exited

Recommended Action No action is required.

FC-REDIRECT Messages

This section contains the FC-REDIRECT messages.

FC-REDIRECT-2

Error Message FC-REDIRECT-2-ACL_ERR_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_TRUNK_PORT_UP: Unable to program trunk port I/F [chars] because of ACL module error: [hex] ([chars]) on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION1_V1: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION2_V1: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION2_V2: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected.

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_ERR_UPG_MODULE_REGION3: Unable to program ACL entries on module [dec] because of ACL error: [hex] ([chars]). Hitless Upgrade for Module Rejected

Explanation FC-Redirect is unable to program ACL entries. ACL module returned an error. Hitless upgrade for the module rejected. The module will reload now.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because of insufficient TCAM resources on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied as Maximum Allowable Configuration Reached on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch or more ISLs are co-located on a single line card or more than normal Host(s) are zoned with the Storage Port'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because of insufficient TCAM Resources on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_MAX_REACHED_TRUNK_PORT_UP: Maximum Allowable Configuration Reached, Unable to program trunk port I/F [chars] on Module [dec]

Explanation FC-Redirect is unable to program ACL entries possible cause can be more than allowed re-directable targets on the same switch and more than normal Host(s) are zoned with the Storage Port

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_ADD_HOST: Unable to FC-Redirect Host [chars] traffic going to Target [chars] for application [chars] on Switch [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_FLOGI_NOT_ALLOWED: FLOGI from device [chars] connected at interface [chars] is denied because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_NEW_CFG: Unable to Process Configuration Created by [chars] on Switch [chars] for Target [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-ACL_TIMEOUT_TRUNK_PORT_UP: Unable to program trunk port I/F [chars] because ACL module timed out on Module [dec]

Explanation FC-Redirect is unable to program ACL entries. Possible cause can be linecard is being upgraded/rebooted.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_ACTIVE_CONFIG:
FC-Redirect Active Config Exists. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.2 and lower is not supported, if Active Configs Exist. Hitfull Downgrade for the module is rejected. Please use showfc-redirectconfigs'andremoveappropriateconfigsfromtheapplications'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_PASSIVE_CONFIG:
FC-Redirect Configs Exist. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.2 and lower is not supported, if Configs Exist on this switch. Hitful Downgrade for the module is rejected. Before doing a HITFUL downgrade to any version lower than 3.2.1, Please use clearfc-redirectdecommission-switch"

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL_V2_CONFIG:
FC-Redirect V2 Configs Exist. Hitful Downgrade Rejected

Explanation FC-Redirect Downgrade to versions 3.3.1 and lower is not supported, if Version-2 Configs Exist. Hitfull Downgrade for the module is rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FC_REDIRECT_SYSMGR_INSTALL_FAIL: Hitful Downgrade
Rejected. Reason: [chars]

Explanation FC-Redirect Downgrade to NXOS 4.x or lower is not allowed if the following is true:
1) IVR support is enabled IVR is enabled locally or if FCR app has crested some configurations on local switch
2) FCR has some configs for local FPC devices Hitfull Downgrade for the module is rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FLOGI_REJECTED_DEV_ONLINE_WITH_DIFFERENT_FCID: Vsan:
[dec], Interface: [chars] on Module [dec], Device PWWN: [chars], Existing fcid:
[hex], New_fcid: [hex]

Explanation FC-Redirect Rejected FLOGI request as it already has the pwwn with a different FCID in its database.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-FLOGI_REJECTED_FCR_IVR_FLOW_LC1_USED: [chars]
[chars], Vsan: [dec], Interface: [chars] on Module [dec], fcr_cfg_vsan: [dec],
other_dev_in_flow: [chars] [chars]

Explanation FC-Redirect Rejected FLOGI request as the port is on a Gen-1 Line Card and is part of IVR flow with FC-Redirect configuration in vsan fcr_cfg_vsan.'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-INCOMPATIBLE_SWITCH_IN_FABRIC: An Incompatible Switch
[chars] added to fabric when FC-Redirect is configured in Version 2 Mode.

Explanation FC-Redirect is Configured in Version 2 Mode. A switch with FC-Redirect version 3.2.x in the fabric is NOT supported in this mode. FC-Redirect has locked the Fabric. No more FC-Redirect configuration changes would be allowed till this switch is disconnected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-IVR_DEV_UP_REJECTED_DEV_ONLINE_WITH_DIFFERENT_FCID:
Vsan: [dec], Device PWWN: [chars], Existing fcid: [hex], New_fcid: [hex]

Explanation FC-Redirect Rejected Device UP request from IVR as it already has the pwn with a different FCID in its database.

Recommended Action No action is required.

Error Message

FC-REDIRECT-2-IVR_SUPPORT_ENABLE_REJECTED_IVR_FCR_CFG_ALREADY_EXISTS: Req Src:
[chars]

Explanation FC-Redirect service rejected a request to enable support for IVR flows as it received an error when registering with AAM module. FCR config for IVR virtual devices already exists though IVR support is not enabled. This is not supported. Please remove the appropriate FCR application config and retry again.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-IVR_SUPPORT_ENABLE_REJECTED: Req Src: [chars], Error
Code: [hex] ([chars])

Explanation FC-Redirect service rejected a request to enable support for IVR flows as it received an error when registering with AAM module.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-PCMAP_ERR_TRUNK_PORT_UP: PORT_UP request for first member of Port-channel [chars]'FailedduetoPCMAPErrorseenbyFC-Redirect'

Explanation FC-Redirect encountered a PCMAP Error (Internal Error) when processing PORT_UP request for the first member in port channel. The PORT_UP request was rejected.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-TGT_NOT_ATTACHED_TO_FCR_SWITCH: FC-Redirect Configuration vsan: [dec], Tgt: [chars] VT: [chars] - Tgt is online, but not connected to a switch running FC-Redirect.

Explanation FC-Redirect requires that targets must be connected to a switch running FC-Redirect. Please Check Config.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-TRUNK_PORT_UP_REJ_FCR_IVR_FLOW_LC1_USED: Vsan: [dec], trunk port I/F [chars] on Module [dec], dev: [chars], dev_type: [chars], dev_vsan: [dec]

Explanation FC-Redirect Rejected Port Bringup request as the port is on a Gen-1 Line Card and the Vsan is used by FC-Redirect/IVR flow FC-Redirect does NOT support Gen-1 LineCards for IVR virtual devices with FC-Redirect Configuration.

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_CFG_CHG_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to change all configurations to Version 2 Mode.

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttoupdateallconfigurationstoVersion2mode.AttempttoconfigureVersion2modeFailed.AllFC-RedirectswitchesarenowinErrorMode.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'fc-redirectversion2enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_UNLOCK_V1_TO_V2_DONE_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations after configuring Version 2 Mode.

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttounlockFC-RedirectconfigurationsafterconvertingthemtoVersion2mode.AttempttoconfigureVersion2modeFailed.AllFC-RedirectswitchesarenowinErrorMode.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'fc-redirectversion2enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-2-V2_ENABLE_UNLOCK_V2_TO_V1_DONE_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations after disabling Version 2 Mode.

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttounlockFC-RedirectconfigurationsafterdisablingVersion2mode.AttempttodisableVersion2modeFailed.AllFC-RedirectswitchesarenowinErrorMode.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'nofc-redirectversion2enable"

Recommended Action No action is required.

FC-REDIRECT-3

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_APPL_SW_LOWER_VER: vsan: [dec], Tgt: [chars], VT: [chars], Appl_Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars], appl_sw_ver: [dec]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as the application switch has NXOS lower than 5.x. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command) 3) All IVR enabled switches and FC-Redirect application switches must be running NXOS version 5.x or higher.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_IVR_AAM_NOT_REGISTERED: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as IVR-Support is disabled. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command)

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFG_REQ_REJECTED_IVR_SUPPORT_DISABLED: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), ivr_dev: [chars], req_type: [chars]

Explanation FC-Redirect rejected configuration request for IVR Virtual device as IVR-Support is disabled. FC-Redirect requires the following to be configured before FC-Redirect based applications can create configuration for IVR Virtual devices: 1) IVR AAM register be enabled (config command) 2) FC-Redirect ivr-support enable (Config command) 3) All IVR enabled switches and FC-Redirect application switches must be running NXOS version 5.x or higher.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_PRE_CHK_FCR_ERR: Pre-chk request Rejected by FC-Redirect on Peer Switch: Err Sw: [chars], status: [dec] ([chars])

Explanation The Pre-Chk message is currently used when enabling/disabling Version 2 or ivr-support in fc-redirect. An appropriate syserr would be generated for the purpose.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_PRE_CHK_SW_ERR: FC-Redirect did not recv. rsp from Peer switch. Error Switch: [chars], CFS rc: [dec], rsp size: [dec]

Explanation The Pre-Chk message is currently used when enabling/disabling Version 2 or ivr-support in fc-redirect. An appropriate syserr would be generated for the purpose.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_REQ_SEND_ERR: req_type: [dec], req_size = [dec], Error = [dec] ([chars])

Explanation FC-Redirect Failed to send CFS request.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_RSP_SEND_ERR: req_type: [dec], rrtoken = [dec], rsp_size = [dec], error = [dec] ([chars])

Explanation FC-Redirect Failed to send CFS response.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-CFS_SEND_REGISTER_ERR: syserr: [hex] ([chars])

Explanation FC-Redirect Failed to send register request to CFS.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch Error_Switch'rejecteddelete_configbroadcastasitisin'Error'state.FC-Redirectconfigurationisoutofsyncacrossthefabric.Ifthisdelete_cfgwasdonetoresolvetherrorstate,ignorethiserror.Ifnot,resolvetherrorstateandforce'Error_Switch'tosyncwiththefabricagainusing'testfc-redirectonfigsync-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch

Error_Switch'rejecteddelete_configbroadcast.Ignorethiserrorifthiswascausedby'testfc-redirectconfigsync-with-fabric'command.Ifnot,FC-Redirectconfigurationisoutofsyncacrossthefabric.Pleaseforce'Error_Switch'tosyncwiththefabricagainusing'testfc-redirectconfigsync-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-DELETE_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from

Error_Switch'fordelete_cfgCFSbroadcast.FC-Redirectconfigurationisoutofsyncacrossthefabric.Pleasedeletethisconfigurationandretryit.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars]

Explanation FC-Redirect on switch

Error_Switch'rejectedConfigPRE_CHECKbroadcastfornew_configasitisin'Error'state.CreateFailoverConfigrequestfromtheapplicationwasrejected.Pleaseresolvetheconflictthatcausedtheerrorstateandforce'error-switch'tosyncwiththefabricagainusing'testfc-redirectconfigsync-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_FCR_ERR: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch

Error_Switch'rejectedConfigpre-checkbroadcastforCreateConfig.Create_Failover_Configrequestfromapplicationwasrejected.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FAILOVER_CFG_PRE_CHK_CFS_SW_ERR: Tgt: [chars], Old VT: [chars], New VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from

Error_Switch'forConfigPreCheckCFSbroadcastforCreateFailoverConfig.CreateFailoverConfigrequestwasrejected.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_CFG_REJECTED_DEFAULT_ZONE_ENTRY_PERMIT:
CFG Rejected: Application: [chars], Target: [chars], vsan: [dec]

Explanation FC-Redirect rejected configuration request from the Application as default zone entry for the VSAN is configured as PERMIT. FC-Redirect requires that the default zone entry be DENY for all VSANs with FC-Redirect configuration. FC-Redirect will reject all further FC-Redirect configurations in this vsan till default zone entry is set to DENY. Please set default zone entry to DENY.

Recommended Action No action is required.

Error Message

FC-REDIRECT-3-FC_REDIRECT_CFS_NEW_CFG_REJECTED_ZONE_DEFAULT_ENTRY_PERMIT:
Default Zone Entry is permit in vsan [dec]. New CFG from switch [chars] rejected.
App: [chars], tgt: [chars], vt: [chars].

Explanation FC-Redirect requires the default zone entry be configured as DENY for vsans with devices that have FC-Redirect configurations. But the specified vsan has default entry permit. FC-Redirect rejected new cfg request from app'onthespecifiedswitch.PleasechangetheDefaultzoneentrytoDENYforthevsan.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_FC2_UNEXPECTED_FRAME_FRM_AAM: Unexpected
FC2 Frame received by FC-Redirect SID: [hex], DID: [hex], VSAN: [dec], IFindex:
[chars]

Explanation FC-Redirect received a FC2 frame for some unknown WWN, which it is not expecting. FC-Redirect cannot handle this frame and hence dropping it. This is an internal AAM Error and shouldnt have been forwarded to Fc-Redirect.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_FCR_VIRT_DEV:
Vsan: [dec], IVR Virtual Device: [chars], FCR Virtual Dev Type: [chars].

Explanation IVR is trying to bring up a Virtual device whose PWWN is same as FC-Redirect Virtual Device. This is a mis-configuration.

Recommended Action No action is required.

Error Message

FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_IVR_SUPPORT_DISABLED:
Vsan: [dec], IVR Virtual Device: [chars]

Explanation IVR is trying to bring up a Virtual device. FC-Redirect already has a configuration for that device - But FC-Redirect IVR-Support is currently disabled. This is a mis-Configuration. FC-Redirect IVR-Support must be enabled before configuring FC-Redirect based applications to use IVR Virtual devices. FC-Redirect rejected IVR device bring-up. Please delete the relevant application configuration before proceeding further.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_REJECT_IVR_VIRT_DEV_BRINGUP_SANITY_ERR:
Vsan: [dec], IVR Virtual Device: [chars], Action: [dec].

Explanation IVR is trying to bring up a Virtual device - But the Message has some Sanity Errors. FC-Redirect failed IVR Device Bringup.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-FC_REDIRECT_ZONE_DEFAULT_ENTRY_PERMIT: Default zone entry set to PERMIT in vsan [dec]. This vsan has FC-Redirect configs. FC-redirect requires Default Zone be DENY. All further FC-Redirect configuration requests in this vsan will be rejected till default zone entry is configured as DENY.

Explanation FC-Redirect requires the default zone entry be configured as DENY for vsans with devices that have FC-Redirect configurations. But the specified vsan has default zone entry configured as permit. FC-Redirect will reject all further FC-Redirect configuration in this vsan till default entry is configured as DENY. Please set default zone entry to DENY.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-GCD_CFS_SW_ERR: CFS Error. Error_Switch: [chars], VT: [chars], CFS swresp_reason_code: [chars]([dec]), swresp_size: [dec], cfs_sanity_error_code: [dec], attempt: [dec]/[dec]

Explanation CFS failure. FC-Redirect moved peer to Error state

Recommended Action No action is required.

Error Message FC-REDIRECT-3-GCS_CFS_SW_ERR: CFS Error. Error_Switch: [chars], CFS swresp_reason_code: [chars]([dec]), swresp_size: [dec], cfs_sanity_error_code: [dec], attempt: [dec]/[dec]

Explanation CFS failure. FC-Redirect moved peer to Error state

Recommended Action No action is required.

Error Message FC-REDIRECT-3-INTERNAL_ERROR: [chars]

Explanation FC-Redirect Encountered an Internal Error.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJECTED_PEER_SW_ERR_STATE:
Failed to Disable IVR Support - Error_Switch: [chars], peer_in_err_state: [chars]

Explanation The command
nofc-redirectivr-supportenable'Failed.FC-Redirectonswitch'Error_Switch'rejectedpre-checkforIVR
SupportDisablerequestasithasoneofitspeerswitches'peer_in_err_state'inErrorstate.Pleaseresolve
theconflicthatcausedtheerrorstateandforce'error-switch'tosyncwiththefabricagainusing'testfc-redirect
onfigsync-with-fabric'command.'

Recommended Action No action is required.

Error Message

FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PEER_WITH_CFG_FOR_IVR_VIRT_DEV: Failed to
Disable IVR Support - Error_Switch: [chars]

Explanation The command
nofc-redirectivr-supportenable'Failed.FC-Redirectonswitch'Error_Switch'rejectedpre-checkforIVR
SupportDisablerequestasithasFC-RedirectconfigurationforIVRVirtualDevices.Pleaseremovethecon
cernedapplicationconfigurationandretrythecommand'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PRECHK_CFS_FCR_ERR: Failed to
Disable IVR Support - Error_Switch: [chars]

Explanation The command
nofc-redirectivr-supportenable'Failed.FC-Redirectonswitch'Error_Switch'rejectedthepre-chkreq
uest.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_SUPPORT_DISABLE_REJ_PRECHK_CFS_SW_ERR: Failed to
Disable IVR Support - Error_Switch: [chars]

Explanation The command
nofc-redirectivr-supportenable'Failed.FC-Redirectonswitch'Error_Switch'didnotrespondtopre-
checkforIVRSupportDisablerequest'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-IVR_VIRT_DEV_BRINGUP_REJECTED_LC1_ACTIVE: Curr_Vsan: [dec], IVR Virtual Device: [chars], vsan_with_gen1_ISL: [dec]

Explanation IVR is trying to bring up a Virtual device in Curr_Vsan for which FC-Redirect configuration exists on this switch. This is a mis-configuration. FC-Redirect does NOT support ports (FX or ISLs) on Gen-1 Cards if there is configuration for IVR Virtual Devices. Please shut down the gen-1 ports involved in FCR-IVR flows and retry again.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch Error_Switch rejected modify_config broadcast as it is in 'Error' state. FC-Redirect configuration is out of sync across the fabric. Please resolve the conflict that caused the error state and force 'Error_Switch' to sync with the fabric again using 'testfc-redirect-config-sync-with-fabric' command.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch Error_Switch rejected modify_config broadcast. FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MODIFY_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from Error_Switch for modify_cfg CFS broadcast. FC-Redirect configuration is out of sync across the fabric. Please delete this configuration and retry it.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-MTS_RSP_SEND_ERR: MTS Opcode: [dec], rrtoken = [dec], rsp_size = [dec], errno = [dec] ([chars])

Explanation FC-Redirect Failed to send MTS response.

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch

Error_Switch'rejectednew_configbroadcastasitisin'Error'state.FC-Redirectconfigurationisoutofsyncacrossthefabric.Pleaseresolveetheconflictthatcausedtheerrorstateandforce'error-switch'tosyncwiththefabricagainusing'testfc-redirectconfigsnc-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch

Error_Switch'rejectednew_configbroadcast.FC-Redirectconfigurationisoutofsyncacrossthefabric.Pleasedeletethisconfigurationandretryit.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_CFS_SW_ERR: vsan: [dec], Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars], Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from

Error_Switch'fornew_cfgCFSbroadcast.FC-Redirectconfigurationisoutofsyncacrossthefabric.Pleasedeletethisconfigurationandretryit.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars]

Explanation FC-Redirect on switch

Error_Switch'rejectedConfigPRE_CHECKbroadcastfornew_configasitisin'Error'state.NEW_CONFIGrequestfromtheapplicationwasrejected.Pleaseresolveetheconflictthatcausedtheerrorstateandforce'error-switch'tosyncwiththefabricagainusing'testfc-redirectconfigsnc-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_FCR_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], FCR CFS error code = [dec] ([chars])

Explanation FC-Redirect on switch

Error_Switch'rejectedConfigpre-checkbroadcastforCreate_Config.Create_configrequestfromapplicationwasrejected.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-NEW_CFG_PRE_CHK_CFS_SW_ERR: Tgt: [chars], VT: [chars], Switch: [chars], Slot: [dec], Service: [chars] ([dec]), Error_Switch: [chars], CFS error code = [dec]

Explanation FC-Redirect did not receive a response from Error_Switch'forConfigPreCheckCFSbroadcastfornewconfig.CreateConfigrequestwasrejected.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-REPLACE_VT_CFG_CFS_FCR_ERR_PEER_IN_ERR_STATE: Tgt: [chars], VT: [chars], Switch [chars], Slot: [dec], Service: [chars], Error_Switch: [chars]

Explanation FC-Redirect on switch Error_Switch'rejectedreplace_vtrequestasitisin'Error'state.FC-Redirectconfigurationisoutofsyncacrosssthefabric.Pleaseresolveconflictthatcausedtheerrorstateandforce'Error_Switch'tosyncwiththefabricagainusing'testfc-redirectconfigsync-with-fabric'command.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-UNKNOWN_CFS_REQ_ERR: CFS req_type: [dec], Error_Switch: [chars]

Explanation FC-Redirect on switch Error_Switch'rejectedCFSRequestoftype'req_type'.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_ERR_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to abort fc-redirectversion2enable'command.'

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttoabort'fc-redirectversion2enable'command.AttempttoconfigureVersion2modeFailed.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'fc-redirectversion2enable'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_LOCK_CFS_SW_ERR: Error_Switch: [chars] did not respond to lock FC-Redirect configurations.

Explanation FC-Redirect did not receive a response from Error_Switch'forCHG_MODE_LOCKCFSbroadcast.AttempttoconfigureVersion2modeFailed.'

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_PRECHK_CFS_SW_ERR: Error_Switch: [chars] did not respond to pre-check request for fc-redirectversion2enable'command.'

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttocheckiffc-redirectversion2enable'commandcanbeexecuted.AttempttoconfigureVersion2modeFailed.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'fc-redirectversion2enable"

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_UNLOCK_V1_TO_V2_ABORT_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations.

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttounlockFC-RedirectconfigurationswhenabortingtheattempttoconfigureVersion2Mode.AttempttoconfigureVersion2modeFailed.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'fc-redirectversion2enable"

Recommended Action No action is required.

Error Message FC-REDIRECT-3-V2_ENABLE_UNLOCK_V2_TO_V1_ABORT_CFS_SW_ERR: Error_Switch: [chars] did not respond to request to unlock FC-Redirect Configurations

Explanation FC-Redirect did not receive a response from Error_Switch'foraCFSbroadcasttounlockFC-RedirectconfigurationswhenabortingtheattempttodisableVersion2Mode.AttempttodisableVersion2modeFailed.PleasemakesurethefabricisstableandretrytheConfigurationcommand:'nofc-redirectversion2enable"

Recommended Action No action is required.

FC-REDIRECT-5

Error Message FC-REDIRECT-5-ADD_HOST_APPL_REQ: FC-Redirect Configuration Host added for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars] Host: [chars] Vi: [chars] vsan: [dec]

Explanation Redirect Service requested for the Host / Tgt Pair

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DECOMMISSIONED_SWITCH: FC-Redirect Decommissioned [chars] on Local Switch

Explanation FC-Redirect Service has been decommissioned on this Switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_HOST_APPL_REQ: Service [chars] enabled on Switch [chars] Slot [dec] no longer requires FC-Redirect services for Host [chars] Tgt [chars] pair, vsan: [dec]

Explanation Redirect Service removed for the Host / Tgt Pair

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_APPL_REQ: FC-Redirect Configuration vsan: [dec], Tgt: [chars] VT: [chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec] on application request

Explanation Application has requested this deletion

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_CLI_CLEAR_CFG: FC Redirect Configuration deleted. vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted because of the cli command clearfc-redirectconfigvt<vt-pwwn

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_DECOM_SW: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted because FC Redirect on this switch was decommissioned

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_LOCAL_CFG_REQ_FROM_PEER: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch: [chars], Slot: [dec], Peer Switch : [chars].

Explanation FC Redirect Configuration deleted because of request from peer.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_PENDING_DEL: FC Redirect Configuration deleted. vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch: [chars], Slot: [dec], Peer Switch: [chars].

Explanation

Peer_Switch'haddeletedtheconfigurationwhenitlostconnectivitywiththisswitch.ConfigurationonthisswitchisnowdeletedwhenconnectionwasrestoredandFCRedirectsyncedwiththePeer_Switch.'

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_REMOTE_CFG_REQ: FC Redirect Configuration deleted: vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration created by a peer deleted because of local application request.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_SYNC_UP_WITH_PEER: FC Redirect Configuration deleted. vsan: [dec], Tgt: [chars], VT: [chars], Service: [chars], Switch [chars], Slot [dec].

Explanation FC Redirect Configuration deleted as the peer switch that created the configuration has deleted it. This happened when FC Redirect synced with the peer switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_TIMEOUT: FC-Redirect Configuration vsan: [dec], Tgt:[chars] VT:[chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec] because of Timeout

Explanation Application has not become online within configured timeout value

Recommended Action No action is required.

Error Message FC-REDIRECT-5-DEL_VT_VSAN_DEL: FC-Redirect Configuration Tgt: [chars] VT: [chars] Deleted for Service [chars] Created by Switch [chars] Slot [dec] because of VSAN [dec] deletion

Explanation Required Vsan for this configuration deleted in this switch

Recommended Action No action is required.

Error Message FC-REDIRECT-5-INFO: [chars]

Explanation FC-Redirect informational message.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_DISABLED: IVR Support Disabled in FC_Redirect. Source: [chars]

Explanation Admin has Disabled FC_Redirect support for IVR flows.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_DISABLE_REJECTED: Req Src: [chars], Reason: [chars]

Explanation FC-Redirect service rejected a request to disable support for IVR flows

Recommended Action No action is required.

Error Message FC-REDIRECT-5-IVR_SUPPORT_ENABLED: IVR Support Enabled in FC_Redirect. Source: [chars]

Explanation Admin has enabled FC_Redirect support for IVR flows.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-REPLACE_VT_APPL_REQ: FC Redirect delete configuration request: vsan: [dec], Tgt: [chars], VT: [chars], Created by Switch: [chars], Slot: [dec], for Service: [chars] requested by app on switch [chars].

Explanation FC Redirect has received a request from local Application to delete a config created by a remote switch.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_BY_APP: FC-Redirect started Syncing with peers in Fabric because of request by Service [chars]

Explanation A local Service request FC-Redirect to sync FC-Redirect Configuration with the peer switches.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_CLI_CMD: FC-Redirect started Syncing with peers in Fabric on CLI Command

Explanation testfc-redirectconfigsync-with-fabric'commandwasissuedonthisswitch.'

Recommended Action No action is required.

Error Message FC-REDIRECT-5-SYNC_WITH_FABRIC_REQ_FROM_PEER: FC-Redirect started Syncing with peers in Fabric because of request from peer Switch [chars].

Explanation FC-Redirect on Peer switch requested FC-Redirect to sync FC-Redirect Configuration with peer switches.

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_APPL_REQ: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created because of Application Request

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_POWER_UP: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after Power-Up

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_PROCESS_RESTART: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after Process Restart

Recommended Action No action is required.

Error Message FC-REDIRECT-5-VT_CREATE_SWITCHOVER: FC-Redirect Configuration created for Service [chars] enabled on Switch [chars] Slot [dec] Tgt: [chars] Vt: [chars], vsan: [dec]

Explanation Configuration created after SUP Switchover

Recommended Action No action is required.

FC-TUNNEL Messages

This section contains the FC-TUNNEL messages.

FC-TUNNEL-3

Error Message FC-TUNNEL-3-INTERNAL_ERROR: Internal error: [chars]

Explanation FCMPPLS tunnel process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FC-TUNNEL-3-IPFC_ERROR: IPFC API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked IPFC API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation FCMPPLS tunnel process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec]

Recommended Action No action is required.

Error Message FC-TUNNEL-3-NS_ERROR: FCNS API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PM_ERROR: Port Manager API, [chars], failed with error [hex]

Explanation FCMPPLS tunnel invoked Port Manager API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]

Explanation FCMPPLS tunnel read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_ERROR: PSS operation [chars] returned error: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation FCMPLS tunnel read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code

Recommended Action No action is required.

Error Message FC-TUNNEL-3-RIB_ERROR: RIB API, [chars], failed with error [hex]

Explanation FCMPLS tunnel invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FC-TUNNEL-3-RSVP_PROTO_ERROR: RSVP protocol error: [chars]

Explanation RSVP-TE protocol error is encountered. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FC-TUNNEL-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation FCMPLS tunnel process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

FC-TUNNEL-5

Error Message FC-TUNNEL-5-MSG_INTERFACE_DOWN: Interface [chars] is down

Explanation The logical fc tunnel interface is down. This may be due to a reconfiguration on the fc tunnel, or issues on the underlying physical interface

Recommended Action If this is not due to a known reconfiguration, you should verify connectivity at the physical port level, and then on then on the fc tunnel interface. Furthermore, verify the physical ports along the fc tunnel path operate in the TE mode

Error Message FC-TUNNEL-5-MSG_INTERFACE_UP: Interface [chars] is up

Explanation The fc interface is up

Recommended Action No action is required.

FCC_LC Messages

This section contains the FCC_LC messages.

FCC_LC-2

Error Message FCC_LC-2-ERROR_SENDING_HEART_BEAT: Error sending heart beat [dec]

Explanation FCC_LC has error sending heart beat

Recommended Action No action is required.

Error Message FCC_LC-2-EXITING: Exiting fcc_lc: [chars]

Explanation FCC_LC exiting

Recommended Action No action is required.

Error Message FCC_LC-2-HEART_BEAT_NOT_SENT: Heart beat not sent for [dec] millisecs

Explanation FCC_LC has not sent heart beat

Recommended Action No action is required.

Error Message FCC_LC-2-SHUTDOWN: Process shutting down: [chars]

Explanation FCC_LC Process is shutting down

Recommended Action No action is required.

Error Message FCC_LC-2-UNABLE_READ_DATA: Unable to read fcc data ([chars])

Explanation FCC is unable to read and process relevant FCC data

Recommended Action No action is required.

FCC_LC-5

Error Message FCC_LC-5-BAD_MSG: Received bad message: [chars]

Explanation FCC_LC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message FCC_LC-5-DISABLE: FCC_LC has been disabled

Explanation FCC_LC has been disabled

Recommended Action No action is required.

Error Message FCC_LC-5-ENABLE: FCC_LC has been enabled

Explanation FCC_LC has been enabled

Recommended Action No action is required.

Error Message FCC_LC-5-STARTING: FCC_LC process started

Explanation Process started successfully

Recommended Action No action is required.

FCC_LC-6

Error Message FCC_LC-6-PRIO_UPDATE: Updated enable priority to [dec]

Explanation FCC_LC is active for packets with priority <= [threshold]

Recommended Action No action is required.

FCC Messages

This section contains the FCC messages.

FCC-2

Error Message FCC-2-SHUTDOWN: Process shutting down: [chars]

Explanation FCC Process is shutting down

Recommended Action No action is required.

FCC-5

Error Message FCC-5-BAD_MSG: Received bad message: [chars]

Explanation FCC has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message FCC-5-CONGESTION_STATE_CHANGE_NOTIF: Received Congestion State Change notification to state: [dec]

Explanation FCC has received a Contestion State Change Notification

Recommended Action No action is required.

Error Message FCC-5-DISABLE: FCC has been disabled

Explanation FCC has been disabled

Recommended Action No action is required.

Error Message FCC-5-ENABLE: FCC has been enabled

Explanation FCC has been enabled

Recommended Action No action is required.

Error Message FCC-5-RATE_LIMIT_END_NOTIF: Received Rate Limit End notification

Explanation FCC has received a Rate Limit End Notification

Recommended Action No action is required.

Error Message FCC-5-RATE_LIMIT_START_NOTIF: Received Rate Limit Start notification

Explanation FCC has received a Rate Limit Start Notification

Recommended Action No action is required.

Error Message FCC-5-STARTING: FCC process started

Explanation Process started successfully

Recommended Action No action is required.

FCC-6

Error Message FCC-6-PRIO_UPDATE: Updated enable priority to [dec]

Explanation FCC is active for packets with priority <= [threshold]

Recommended Action No action is required.

FCDDH Messages

This section contains the FCDDH messages.

FCDDH-SLOT#-3

Error Message FCDDH-SLOT#-3-LOG_FCDDH_ERR: Nonrecoverable error - exiting: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

FCDDH-SLOT#-4

Error Message FCDDH-SLOT#-4-LOG_FCDDH_WARNING: Serious error: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

FCDDH-SLOT#-5

Error Message FCDDH-SLOT#-5-LOG_FCDDH_DEBUG: Unexpected error: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message FCDDH-SLOT#-5-LOG_FCDDH_NOTICE: [chars]

Explanation Major configuration changes

Recommended Action No action is required.

FCDD Messages

This section contains the FCDD messages.

FCDD-SLOT#-3

Error Message FCDD-SLOT#-3-LOG_FCDD_ERR: Nonrecoverable error - exiting: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

FCDD-SLOT#-4

Error Message FCDD-SLOT#-4-LOG_FCDD_WARNING: Warning!: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

FCDD-SLOT#-5

Error Message FCDD-SLOT#-5-LOG_FCDD_GCONF_FSM: [chars]

Explanation Illegal event received in Global Configuration FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_NOTICE: [chars]

Explanation Major configuration changes

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_RESCAN_FSM: [chars]

Explanation Illegal event received in Rescan FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_TZONE_FSM: [chars]

Explanation Illegal event received in Twilight Zone Remover FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_VCONF_FSM: [chars]

Explanation Illegal event received in VSAN Configuration FSM

Recommended Action No action is required.

Error Message FCDD-SLOT#-5-LOG_FCDD_VNO_FSM: [chars]

Explanation Illegal event received in VSAN Normal Operation FSM

Recommended Action No action is required.

FCDD-SLOT#-7

Error Message FCDD-SLOT#-7-LOG_FCDD_DEBUG: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

FCDOMAIN Messages

This section contains the FCDOMAIN messages.

FCDOMAIN-2

Error Message FCDOMAIN-2-DOMS_CONFLICT: Conflict detected: ([dec]) domain ID [dec] WWN [chars]

Explanation Conflict detected ([dec]) domain ID [dec] with WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-EPORT_ISOLATED: Isolation of interface [chars] (reason: [chars])

Explanation Fcdomain has isolated interface [chars] (reason: [chars].) Perform a show interface. Based on the reason specified, you might have to ensure domains are adequate and unique in the VSAN and perform a disruptive restart [fcdomain restart disruptive vsan <vsan-id>] or to reinitialize the port.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2BIND_FAILED: Bind to FC2 Service failed

Explanation Fcdomain has not been able to contact the FC2 module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2_INITIALIZATION_FAILED: FC initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the Fibre Channel subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FC2_SET_SOCKET_DM_SOCKET_FAILED: set sockopt to FC2 Service failed

Explanation Fcdomain has not been able to setsockopt to the FC2 module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-FCID_PERSISTENT_TBL_COMPLETELY_FULL: FCID persistent table is completely full

Explanation The FCID persistent table is full. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table. No more entries can be saved as persistent FCIDs across reboots.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries OR disable the feature on certain VSANs which are not critical enough [no fcdomain fcid persistent].

Error Message FCDOMAIN-2-HIGH_PRIORITY_MTSBIND_FAILED: Bind for high priority IPC failed

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module for its high priority queue.

Recommended Action No action is required.

Error Message FCDOMAIN-2-INITIALIZATION_FAILED: Initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTSBIND_FAILED: Bind to IPC failed

Explanation Fcdomain has not been able to contact the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTSREGISTRATION_FAILED: Registration of opcodes with IPC Service failed

Explanation Fcdomain has not been able to register its messages with the Inter Process Communication (IPC) module.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MTS_INITIALIZATION_FAILED: IPC initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the IPC (Inter Process Communication) subsystem. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

Error Message FCDOMAIN-2-MY_NON_VIRTUAL_DOM_CONFLICTS: During VSAN merge detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch

Explanation It has been detected that the local switch has the same domain ID [dec] and WWN [chars] of another switch.

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-NON_VIRTUAL_DOMS_CONFLICTS: During VSAN merge detected conflict between two switches having the same non-virtual domain ID [dec] and the same WWN [chars]

Explanation It has been detected that two switches have the same non-virtual domain ID [dec] and the same WWN [chars].

Recommended Action Check which switches have the same WWN and change either one; then change either's domain ID.

Error Message FCDOMAIN-2-PSSBIND_FAILED: Bind to Persistent Storage Service failed

Explanation Fcdomain has not been able to contact the Persistent Storage Service (PSS).

Recommended Action No action is required.

Error Message FCDOMAIN-2-RDIRJT: Rejected request for domain ID [dec], WWN requestor [chars] (reason code [dec])

Explanation An invalid request for domain IDs has been rejected by fcdomain.

Recommended Action Perform [show fcdomain vsan <vsan-id>] for all the switches in the affected VSAN; if a switch does not have a valid current domain ID, configure preferred domain ID zero, then perform [fcdomain restart vsan <vsan-id>] in the affected VSAN.

Error Message FCDOMAIN-2-SYSBIND_FAILED: Bind to System Manager service failed

Explanation Fcdomain has not been able to contact the System Manager.

Recommended Action No action is required.

Error Message FCDOMAIN-2-SYSMGR_INITIALIZATION_FAILED: System Manager initialization sequence failed

Explanation The fcdomain has not been able to complete the initialization sequence with the System Manager. fcdomain depends on resources not available at the moment: the switch might be short in memory or some other component might be unable to provide the necessary information to fcdomain.

Recommended Action No action is required.

FCDOMAIN-3

Error Message FCDOMAIN-3-COMMITERRORLOCALINVALIDALLOWEDDOMS: A remote switch attempted to locally apply an illicit allowed domains configuration

Explanation A remote switch attempted to locally apply an allowed domains configuration that doesn't include all currently assigned domains or the locally configured domain.

Recommended Action No action is required.

Error Message FCDOMAIN-3-COMMITERRORREMOTEINVALIDALLOWEDDOMS: A remote switch (domain ID [dec], WWN [chars]) refuses to locally apply the proposed allowed domains

Explanation The remote switch with domain ID [dec] and WWN [chars] refuses to locally apply the proposed allowed domains probably due to incompatibility with its local configured domain or the domain ID list.

Recommended Action Check the configuration on the remote switch, and make sure that the proposed allowed domains include it. Also, make sure that the the proposed allowed domains include all the domains in the domain ID list.

Error Message FCDOMAIN-3-MTSOPENTRX_FAILED: IPC failure (opening of a transaction failed)

Explanation Fcdomain was not able to open a transaction(HA Purposes.)

Recommended Action No action is required.

Error Message FCDOMAIN-3-MTSRECV_FAILED: IPC failure (receiving of a message failed)

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-MTSRESP_FAILED: IPC failure replying to a request message (error [hex])

Explanation Fcdomain has not been able to reply to a request coming from the Inter Process Communication (IPC) module (error [hex]).

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive).

Error Message FCDOMAIN-3-MTSSENDREQ_FAILED: IPC failure (sending of a request failed)

Explanation Fcdomain was not able to send a request using the Inter Process Communication module.

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-MTSSEND_FAILED: IPC failure (sending of a message (syserr [hex], opc [dec], mtsq [dec], sap.node [hex], sap_addr [dec]) failed)

Explanation Fcdomain has not been able to send a message to the Message Transactional Service (MTS).

Recommended Action Please perform [fcdomain restart vsan <vsan-id>] in the affected VSAN (non disruptive).

Error Message FCDOMAIN-3-MTS_H_RECV_FAILED: IPC failure (receiving of a message failed)

Explanation Fcdomain has not been able to receive a message from the Inter Process Communication (IPC) module.

Recommended Action Please perform fcdomain restart in the affected VSAN (non disruptive.)

Error Message FCDOMAIN-3-NVRAMFAILURE: NVRAM open failed

Explanation Reading the last assigned runtime domain IDs from Non Volatile RAM (NVRAM) failed.

Recommended Action Fcdomain is able to continue without access to the Non Volatile RAM (NVRAM.)

Error Message FCDOMAIN-3-PORT_SUSPENDED: Response (Cmd Code [hex]) for SWILS [hex] intended for [chars] is received on [chars]

Explanation An FC2 response frame (Command Code [hex]) for SWILS [hex] that was intended for interface [chars] has been received on [chars] instead.

Recommended Action Check the configuration of both interfaces on the local switch and the interfaces on the other side of their corresponding links. In particular, check whether they should all belong to the same port-channel.

Error Message FCDOMAIN-3-SDWRAPBIND_FAILED: Bind to debug server failed

Explanation Fcdomain feature has not been able to contact the debug service. Any problems occurring in the fcdomain feature will not be logged.

Recommended Action No action is required.

Error Message FCDOMAIN-3-SDWRAPHISTINIT_FAILED: Initialization of history message list failed.

Explanation Fcdomain feature has not been able to contact the debug history service. Any problems occurring in the fcdomain feature will not be logged to this debug history.

Recommended Action No action is required.

Error Message FCDOMAIN-3-VSAN_MERGE_DETECTED: Merge detected with VSAN [dec] (Common Fabric Name [chars])

Explanation The local VSAN and VSAN [dec] have the same principal switch [chars], hence are connected in the same logical fabric.

Recommended Action No action is required.

FCDOMAIN-4

Error Message FCDOMAIN-4-DM_ALLOWED_DM_LIST_MOD_ON_SUBORDINATE: Allowed domain list for vsan [dec] modified on subordinate switch with fcdomain distribution enabled

Explanation When distribution is enabled, it is recommended to modify the allow domain list on the principal switch only.

Recommended Action Abort the current session on the local switch and start a new one on the principal switch.

Error Message FCDOMAIN-4-FABRICCONFSTARTRCF: Disruptive reconfiguration started

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has started. This can happen when two or more fabrics merge disruptively, or when the user manually triggers a disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-4-FC2_CORRUPTED: Received malformed FC2 [chars] frame

Explanation Fcdomain received a malformed FC2-SWILS frame.

Recommended Action No action is required.

Error Message FCDOMAIN-4-FCID_PERSISTENT_TBL_ALMOST_FULL: FCID persistent table is almost full

Explanation Fcdomain has 80% or more of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action Purge stale entries [purge fcdomain fcid] to obtain more free entries.

FCDOMAIN-5

Error Message FCDOMAIN-5-DOMAIN_TYPE_IS_PREFERRED: The domain ID type is currently configured as preferred in all the existing VSANs

Explanation All the currently existing VSANs have the domain ID type configured as preferred. This means that with a low probability the domain ID of the local VSAN might change after a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message FCDOMAIN-5-FCIDP_DISABLED: FCID persistency feature is currently not enabled in any of the existing VSANs

Explanation All the currently existing VSANs have the FCID persistency feature disabled.

Recommended Action Type [fcdomain fcid persistent vsan <vsan-id>] to enable FCID persistency in an existing VSAN. Type [fcdomain fcid persistent global-enable] to automatically enable the FCID persistency feature on all newly created VSANs.

Error Message FCDOMAIN-5-FCID_PERSISTENT_TBL_HALF_FULL: FCID persistent table is half full

Explanation Fcdomain has 50% of the FCID persistent table full with entries. Perform [show fcdomain fcid persistent vsan <vsan-id>] to view the entries currently in the table.

Recommended Action You may want to purge stale entries [purge fcdomain fcid] to obtain more free entries.

Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSDATAREQUEST: Received CFS Data request from unknown domain [dec].

Explanation A CFS Data request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSLLOCKREQUEST: Received CFS Lock request from unknown domain [dec].

Explanation A CFS Lock request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message FCDOMAIN-5-UNKNOWNDOMAININCFSSRELEASEREQUEST: Received CFS Release request from unknown domain [dec].

Explanation A CFS Release request from the unknown domain [dec] has been received.

Recommended Action No action is required.

Error Message FCDOMAIN-5-UNKNOWNDOMAININUNKNOWNCFSREQUEST: Received CFS request from unknown domain [dec].

Explanation A CFS request from the unknown domain [dec] has been received.

Recommended Action No action is required.

FCDOMAIN-6

Error Message FCDOMAIN-6-BF_STARTED: BF started by [chars]

Explanation Build Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message FCDOMAIN-6-CANNOTFREESINGLEFCID: Impossible to free single FCIDs

Explanation Impossible to free single FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-CLEARLOCKNOTIFICATIONRECEIVED: Implicit lock release.

Explanation Lock has been implicitly released due to a clear session operation.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DEVICEALREADYOWNSDIFFERENTFCIDS: The device already owns different FCIDs

Explanation Requested different FCIDs without any freeing in between.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DOMAINID_INVALID: Local domain ID invalid

Explanation The local domain ID is invalid.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DOMAINID_VALID: Local domain ID [dec] available

Explanation The domain ID [dec] is available.

Recommended Action No action is required.

Error Message FCDOMAIN-6-DOWNSTREAM_SWITCHED: Downstream interface has been fast-switched from [chars] to [chars]

Explanation Because of a link failure the downstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_ALREADY_CREATED: Interface [chars] already created

Explanation Interface [chars] already created.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_ALREADY_DOWN: Interface [chars] is already down

Explanation Interface [chars] already down.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CLEANUP: Interface [chars] received cleanup request

Explanation Fcdomain on interface [chars] has received a cleanup request.

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_CREATED: Creation of interface [chars]

Explanation Fcdomain is going to create interface [chars].

Recommended Action No action is required.

Error Message FCDOMAIN-6-EPORT_DOWN: Interface [chars] is down

Explanation Fcdomain is going to remove interface [chars] from its database.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICCONFSTARTBF: Non disruptive reconfiguration started

Explanation A non disruptive reconfiguration (BF phase) of the VSAN has started. This can happen when two or more fabrics merge, or when the user manually triggers a non disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICNAME_INVALID: Fabric name not available

Explanation Fabric name not available.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FABRICNAME_VALID: Fabric name [chars] available

Explanation Fabric name [chars] available.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDALREADYFREE: FCIDs already free

Explanation FCIDs already free.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDNOTSTORED: FCIDs not stored

Explanation FCIDs not stored.

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDP_ENABLED_DOM_TYPE_PREFERRED: FCID persistency is enabled, but the domain ID type is configured as preferred

Explanation The FCID persistency feature is enabled, but the domain ID type is configured as preferred. This means that with a low probability the domain ID of the local VSAN might change after a reconfiguration. A reconfiguration can happen when two or more VSANs are merged or a principal link flaps. A principal link is either an upstream or a downstream link. Should the domain ID change, all the FCIDs associated with it would be invalidated.

Recommended Action Type [fcdomain domain <dom-id> static vsan <vsan-id>] to configure as static the domain ID type in an existing VSAN.

Error Message FCDOMAIN-6-FCIDS_ASSIGNED: Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]

Explanation Assigned a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCIDS_FREED: Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex]

Explanation Freed a sequence of 256 contiguous FCIDs starting from FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCID_ASSIGNED: Assigned single FCID [hex]:[hex]:[hex]

Explanation Assigned single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-FCID_FREED: Freed single FCID [hex]:[hex]:[hex]

Explanation Freed single FCID [hex]:[hex]:[hex].

Recommended Action No action is required.

Error Message FCDOMAIN-6-INCORRECTDOMAINRANGE: Requested FCIDs with domain field not in expected range

Explanation Requested FCIDs with domain field not in expected range.

Recommended Action No action is required.

Error Message FCDOMAIN-6-INCORRECTDOMAIN: Requested FCIDs with domain field different from local domain

Explanation Requested FCIDs with domain field different from local domain.

Recommended Action No action is required.

Error Message FCDOMAIN-6-INVALIDARG: Requested FCID of type 00.00.YY, but specifying an entire area

Explanation Requested FCID of type 00.00.YY, but specifying an entire area.

Recommended Action No action is required.

Error Message FCDOMAIN-6-MY_SAME_WWN_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected local WWN [chars] is already in use by another switch (the two switches have different domain IDs: [dec] (local) and [dec])

Explanation It has been detected that the local switch has the same WWN [chars] of another switch, and that they have different domain IDs: [dec] (local) and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message FCDOMAIN-6-NODOMAIN: Local domain not available

Explanation The local domain is not available yet.

Recommended Action No action is required.

Error Message FCDOMAIN-6-NOFREEFCID: No free FCIDs

Explanation No free FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-NOTOWNER: Feature [dec] cannot free FCID [dec]:[dec]:[dec] (feature [dec] is the actual owner)

Explanation Feature UUID [dec] cannot free FCID [dec]:[dec]:[dec] because it is not its owner (UUID actual owner is [dec]).

Recommended Action No action is required.

Error Message FCDOMAIN-6-OTHER_SIDE_VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with virtual IVR domain ID [dec] from across the link

Explanation It has been detected an overlap with the virtual IVR domain ID [dec] from across the link during an attempt to merge the local VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-6-PSWSSTARTED: Principal Switch Selection started

Explanation Fcdomain started a principal switch selection phase to elect a principal switch in this VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-6-RCF_STARTED: RCF started by [chars]

Explanation Reconfigure Fabric has been started in this VSAN

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQSINGLEFCIDWITHINRESERVEDRANGE: Requested single FCIDs in area [dec] within the reserved range

Explanation Requested single FCIDs in area [dec] within the reserved range.

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQUESTEDFCIDNOTFREE: Requested FCIDs not free

Explanation Requested FCIDs not free.

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQUESTEDFCIDRESERVED: Requested reserved FCIDs

Explanation Requested reserved FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-REQUESTEDRESERVEDFCIDMISMATCH: Requested persistent FCIDs, but there is a mismatch

Explanation Requested persistent FCIDs, but there is a mismatch.

Recommended Action No action is required.

Error Message FCDOMAIN-6-SAME_WWNS_DIFFERENT_DOMS_CONFLICTS: During VSAN merge detected two switches with same WWN [chars] and different non-virtual domain IDs [dec] and [dec]

Explanation It has been detected that two switches have the same WWN [chars], but different non-virtual domain IDs: [dec] and [dec].

Recommended Action Check which switches have the same WWN and change either one.

Error Message FCDOMAIN-6-TIMER_UNKNOWN: fcdomain has received a notification for an unknown timer expiration

Explanation A timer unknown to fcdomain has expired.

Recommended Action No action is required.

Error Message FCDOMAIN-6-UPSTREAM_SWITCHED: Upstream interface has been fast-switched from [chars] to [chars]

Explanation Because of a link failure the upstream interface has been fast-switched from [dec] to [dec].

Recommended Action No action is required.

Error Message FCDOMAIN-6-UUIDNOSPACEFOUND: No available space to store the identity of the requestor the FCIDs

Explanation No available space to store the identity of the requestor the FCIDs.

Recommended Action No action is required.

Error Message FCDOMAIN-6-UUIDNOTFOUND: Universal Unique ID (UUID) not found

Explanation Universal Unique ID (UUID) not found.

Recommended Action No action is required.

Error Message FCDOMAIN-6-VIRTUAL_IVR_DOMS_OVERLAPPING: During VSAN merge detected overlap with local virtual IVR domain ID [dec]

Explanation It has been detected an overlap with the local virtual IVR domain ID [dec] during an attempt to merge the local VSAN.

Recommended Action No action is required.

FCDOMAIN-7

Error Message FCDOMAIN-7-EPORT_ALREADY_ISOLATED: Interface [chars] is already isolated or down

Explanation Fcdomain was going to isolate interface [chars], but the interface is already isolated.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FABRICCONFCOMPLETEDBF: Non disruptive reconfiguration completed

Explanation A non disruptive reconfiguration (BF phase) completed. This can happen when two or more fabrics merged, or when the user manually triggered a non disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FABRICCONFCOMPLETEDRCF: Disruptive reconfiguration completed

Explanation A disruptive reconfiguration (RCF phase) of the VSAN has completed. This can happen when two or more fabrics merged disruptively, or when the user manually triggered a disruptive reconfiguration of the VSAN.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FC2_RETRY: Retransmission of FC2 frame on interface [chars] (Cmd Code: [hex])

Explanation Fcdomain is retrying an FC2 frame on interface [chars] due to loss/no response. The Command Code of the frame is [hex].

Recommended Action No action is required.

Error Message FCDOMAIN-7-FCID_IN_USE_PURGING_FOR_FICON_MGR: FICON needs to purge the persistent FCID table, but at least one FCID is still in use, preventing this purge from completely remove all entries belonging to the VSAN.

Explanation There may be a problem in the sequence that shuts down all interfaces before fcdomain receives a request from FICON Manager to purge the persistent FCID table.

Recommended Action No action is required.

Error Message FCDOMAIN-7-FSM_FAILED: FSM transition failed on interface [chars] (current state [chars])

Explanation Fcdomain state machine generated an invalid event on interface [chars], for which no proper action was defined (current state [chars].)

Recommended Action No action is required.

Error Message FCDOMAIN-7-FSM_FORBIDDEN_TRANSITION: fcdomain state machine has hit a forbidden transition

Explanation Fcdomain state machine has tried to execute a forbidden transition.

Recommended Action No action is required.

Error Message FCDOMAIN-7-INTERFACERDY: Interface [chars] ready

Explanation Interface [chars] is ready.

Recommended Action No action is required.

Error Message FCDOMAIN-7-PREACTIONTYPE_UNKNOWN: fcdomain state machine has hit an unknown pre-action type

Explanation An undefined pre-action type has been used.

Recommended Action No action is required.

Error Message FCDOMAIN-7-PSWSCOMPLETED: Principal Switch Selection completed

Explanation A Principal Switch Selection (PSwS phase) completed.

Recommended Action No action is required.

Error Message FCDOMAIN-7-RDIACC: Assigned domain ID [dec], WWN of requestor [chars] (requested domain ID [dec])

Explanation Domain ID [dec] has been received by VSAN with WWN [chars] (requested domain ID was [dec].)

Recommended Action No action is required.

FCD Messages

This section contains the FCD messages.

FCD-7

Error Message FCD-7-SB3_ABTS_EXCHANGE: sb3 aborted exchange [hex] from vsan:[dec] ch:[hex] chi:[hex] ccw:[hex] token:[hex] cmd:[hex] reason:[chars] state:[chars]:[dec]

Explanation SB3 aborted exchange due to reason given. Aborts are caused by either the channel or control unit detecting a device protocol error. Recovery actions are performed to restore communication. In certain circumstances aborts occur in normal operations.

Recommended Action No action is required if communication with CUP device is still operational.

Error Message FCD-7-SB3_UCS_PER_FILE_FN: VSAN:[dec] Unit Check for perform file function, reason: [chars]

Explanation SB3 failed perform file function. Failure is caused by error in the file main frame sent to director.

Recommended Action No action is required if communication with CUP device is still operational.

FCFWD Messages

This section contains the FCFWD messages.

FCFWD-3

Error Message FCFWD-3-ERROR: [chars]

Explanation Fcfwd encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FCFWD-4

Error Message FCFWD-4-WARNING: [chars]

Explanation Fcfwd is generating a relevant notification

Recommended Action No action is required.

FCFWD-6

Error Message FCFWD-6-INFO: [chars]

Explanation An fcfwd event occurred

Recommended Action No action is required.

FCNS Messages

This section contains the FCNS messages.

FCNS-2

Error Message FCNS-2-DB_FULL: the database; max entries [dec] exceeded

Explanation Name server database is full. The max number of entries, [dec], of ports is already present in the database

Recommended Action No action is required.

Error Message FCNS-2-INIT_FAILURE: : [chars]

Explanation Fcns initialisation has failed due to [chars].

Recommended Action No action is required.

Error Message FCNS-2-NO_RESPONSE: for query [chars] from domain [dec]

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

Error Message FCNS-2-PSS_VERSION_MISMATCH: : for [chars]

Explanation Version mismatch for pss of type [chars].

Recommended Action No action is required.

Error Message FCNS-2-RELOAD_FAILURE: : [chars]

Explanation Failed to reload information from PSS: [chars].

Recommended Action No action is required.

FCNS-3

Error Message FCNS-3-BAD_FRAME: : [chars]

Explanation Received a bad frame from the network: [chars].

Recommended Action No action is required.

Error Message FCNS-3-CFG_FAILURE: : [chars]

Explanation A failure related to fcns configuration: [chars].

Recommended Action No action is required.

Error Message FCNS-3-CHUNK_FAILURE: : [chars]

Explanation Chunk memory failure: [chars].

Recommended Action No action is required.

Error Message FCNS-3-DB_FAILURE: : [chars]

Explanation A failure occurred in fcns database: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MALLOC_FAILURE: : [chars]

Explanation Malloc failed: [chars].

Recommended Action No action is required.

Error Message FCNS-3-MTS_FAILURE: : [chars] [chars]

Explanation Failure occurred trying to do an MTS operation: [chars] [chars].

Recommended Action No action is required.

Error Message FCNS-3-PSS_FAILURE: : [chars]

Explanation Pss failure: [chars].

Recommended Action No action is required.

FCNS-4

Error Message FCNS-4-QUERY_NO_RESPONSE: for query [chars] from domain [dec]

Explanation No response for query [chars] from domain [dec].

Recommended Action No action is required.

FCNS-6

Error Message FCNS-6-DB_INFO: : [chars] [hex]

Explanation Database modification:[chars] for entry [hex].

Recommended Action No action is required.

Error Message FCNS-6-STATUS_INFO: : [chars]

Explanation A change in fcns status: [chars].

Recommended Action No action is required.

FCOE_MGR Messages

This section contains the FCOE_MGR messages.

FCOE_MGR-2

Error Message FCOE_MGR-2-FCOE_MGR_MODULE_NOT_LICENSED: FCoE Manager Module:[dec] not licensed

Explanation FCOE_MGR Line Card not licensed

Recommended Action No action is required.

Error Message FCOE_MGR-2-FCOE_MGR_PSS_RESTORE_FAILED: FCoE Manager PSS Restore operation failed, error: [chars]

Explanation FCoE Manager PSS Restore operation failed

Recommended Action No action is required.

FCOE_MGR-5

Error Message FCOE_MGR-5-FCOE_MGR_DISABLED: FCOE_MGR Disabled

Explanation FCOE_MGR Service Disabled

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_ENABLED: FCOE_MGR Enabled

Explanation FCOE_MGR Service nabled

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_INFO: [chars]

Explanation FCoE Manager general info

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKIN: FCoE Manager License Checkin: [dec]

Explanation FCOE_MGR Line Card license checked in

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_MODULE_LICENSE_CHECKOUT: FCoE Manager License Checkout: [dec]

Explanation FCOE_MGR Line Card license checked out

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_SOLICITATION_FROM_SAME_MAC: FCoE Manager received Multicast Solicitation from same MAC: [chars]

Explanation FCoE Manager received Multicast Solicitation from same MAC

Recommended Action No action is required.

Error Message FCOE_MGR-5-FCOE_MGR_VE_DUPLICATE_PEER_MAC: FCoE Manager has already received unicast advertisement from MAC [chars] on a different VE link. Bringing down this link

Explanation FCoE Manager has already received unicast advertisement from same MAC on a different VE link

Recommended Action No action is required.

FCOE Messages

This section contains the FCOE messages.

FCOE-5

Error Message FCOE-5-FCOE_DISABLED: FCOE Disabled

Explanation FCOE Service Disabled

Recommended Action No action is required.

Error Message FCOE-5-FCOE_ENABLED: FCOE Enabled

Explanation FCOE Service Enabled

Recommended Action No action is required.

FCSP-MGR Messages

This section contains the FCSP-MGR messages.

FCSP-MGR-2

Error Message FCSP-MGR-2-DBG_INIT_FAILED: Debug Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_E_INIT_FAILED: Fibre-Channel Initialization of an E_Port failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the FC-2 E-Port infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_F_INIT_FAILED: Fibre-Channel Initialization of an F_Port failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the FC-2 F-Port infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FC2_UNKNOWN_FRM_REC'D_CRIT: Received an unexpected/unknown FC-2 frame on [chars]

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-FCSP_AUTHENT_FAILURE: FC-SP Authentication failure on Port [chars] (FC-SP Failure Reason: [chars] [chars])

Explanation Fibre-Channel Authentication failure on Port [chars].(Reason Code [chars] Detail [chars]). Please check password configurations and ensure appropriate security modes on this port as well as peer port

Recommended Action No action is required.

Error Message FCSP-MGR-2-FCSP_ESP_MISMATCH: ESP parameters mismatch failure on Port [chars] (reason:[chars])

Explanation Fibre-Channel ESP parameters mismatch with the peer on Port [chars].(Reason: [chars]). Please check ESP configurations on both side of the link and ensure appropriate ESP mode on this port as well as peer port

Recommended Action No action is required.

Error Message FCSP-MGR-2-FSMU_INIT_FAILED: State Machine Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-IPC_INIT_FAILED: IPC (Inter Process Communication) Initialization failed ([chars])

Explanation FC-SP Manager has been unable to initialize with the IPC infrastructure.

Recommended Action No action is required.

Error Message FCSP-MGR-2-LICENSE_UNAVAILABLE: License:[chars] unavailable, service exiting

Explanation License of [chars] is unavailable. Service will exit now

Recommended Action Please install the license file to continue using the feature.

Error Message FCSP-MGR-2-MEM_FAILED: Memory operations failed File: [chars] Line [dec] for size [hex] bytes

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-POST_INIT_FAILED: Post-Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message FCSP-MGR-2-PSS_INIT_FAILED: PSS Infrastructure Initialization failed ([chars])

Explanation The system has detected an error.

Recommended Action No action is required.

FCS Messages

This section contains the FCS messages.

FCS-2

Error Message FCS-2-ALLOC_FAILED: Memory allocation failed for size:[dec]

Explanation Memory allocation failed for size [dec]

Recommended Action Restart the process

Error Message FCS-2-CHUNK_ALLOC_FAILED: Chunk memory allocation failed for [chars] chunk

Explanation Chunk memory allocation failed. [chars] indicates the chunk name

Recommended Action Restart the process

Error Message FCS-2-NO_RESPONSE: Retried maximum number of times for [chars] to domain [dec] in VSAN [dec]

Explanation Maximum number of retries completed for [chars] form domain [dec] in VSAN [dec].

Recommended Action No action is required.

Error Message FCS-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-2-RANDNUM_FAIL: [chars]

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action No action is required.

FCS-3

Error Message FCS-3-DB_ERR: [chars]

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-INIT_FAIL: [chars]

Explanation An error happened during FCS Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-MTS_API_ERR: [chars] : [chars]

Explanation An error occurred in send or receive of an MTS message. [chars] indicates the error that occurred and [chars] indicates the error number

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-NO_MTS_RESP: [chars]

Explanation There was no response to an MTS request. [chars] indicates details of the MTS message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-NO_REMOTE_RESP: No response for request [chars] from domain [dec] in VSAN [dec]

Explanation There was no response to an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-OTHER_ERR: [chars]

Explanation An FCS generic error occurred. [chars] indicates the description of the error

Recommended Action No action is required.

Error Message FCS-3-PSS_ERR: [chars]

Explanation An error occurred during an FCS PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FCS-3-SOCK_ERR: sd: [dec], [chars]

Explanation An FC-2 Socket error occurred on socket-ID [dec]. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FCS-5

Error Message FCS-5-API_FAIL: [chars]: [chars]

Explanation An API called by FCS failed. [chars] indicates the API name failed and [chars] the reason for failure

Recommended Action If this message is seen during a cold boot, it means that the queried module came up after FCS and this case can be ignored

Error Message FCS-5-DB_NOTICE: [chars]

Explanation An error occurred during an FCS database operation. [chars] indicates the reason for the error

Recommended Action No action is required.

FCS-6

Error Message FCS-6-BAD_CT_FRAME: Invalid FCS frame: [chars] received from [hex]

Explanation An invalid FCS FC-CT frame with [chars] received from FC-ID [hex].

Recommended Action No action is required.

Error Message FCS-6-INFORMATION: [chars]

Explanation An event happend that affects FCS. [chars] indicates the event

Recommended Action No action is required.

Error Message FCS-6-REXMIT_PKT: Retransmitting request [chars] to domain [dec] in VSAN [dec]

Explanation There was a retransmission of an FC2 request. [chars] indicates FCS request [dec] indicates the remote domain and [dec] the VSAN ID

Recommended Action No action is required.

FDMI Messages

This section contains the FDMI messages.

FDMI-2

Error Message FDMI-2-FDMI_INIT_FAILED: FDMI initialization failed : [chars]

Explanation Fdmi process encountered error while starting

Recommended Action No action is required.

Error Message FDMI-2-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation Fdmi process unsuccessfully tried to send a MTS message. MTS erro number is specified in [dec]

Recommended Action No action is required.

Error Message FDMI-2-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex] for key type [dec]

Explanation Fdmi read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

Error Message FDMI-2-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation Fdmi read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system err code

Recommended Action No action is required.

FDMI-3

Error Message FDMI-3-BAD_FRAME: Malformed frame received: [chars]

Explanation Fdmi process received malformed frame. [chars] describes the malformation

Recommended Action No action is required.

Error Message FDMI-3-BAD_RESPONSE: response with command code: [hex]

Explanation Fdmi process received bad payload in response

Recommended Action No action is required.

Error Message FDMI-3-INTERNAL_ERROR: Internal err: [chars]

Explanation Fdmi process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message FDMI-3-MTS_API_ERROR: API, [chars] returned [hex]

Explanation Fdmi invoked API [chars], received the error code specified in 0x[hex]

Recommended Action No action is required.

Error Message FDMI-3-MTS_FORMAT_ERROR: Unknown MTS message format in opcode [dec] from module [chars]

Explanation Fdmi received message from module [chars] which contains unknown message format. MTS opcode is specified in [dec]

Recommended Action No action is required.

Error Message FDMI-3-NO_RESPONSE: No response from switch whose domain id is [dec]

Explanation Fdmi process sends a inter-switch packets to switches and has not received the response

Recommended Action No action is required.

Error Message FDMI-3-PSS_ERROR: PSS operation [chars] returned err: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error

Recommended Action No action is required.

Error Message FDMI-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation Fdmi process received unexpected MTS event. MTS opcode is specified in [dec]

Recommended Action No action is required.

FDMI-4

Error Message FDMI-4-SW_REJ_RESPONSE: Reject response [chars] from switch whose domain id is [dec]

Explanation Fdmi process sends inter-switch packets to switches and has received the reject response with reason code in [chars]

Recommended Action No action is required.

FDMI-6

Error Message FDMI-6-DEBUG_INFO: [chars]

Explanation Fdmi process debug info

Recommended Action No action is required.

FEATURE-MGR Messages

This section contains the FEATURE-MGR messages.

FEATURE-MGR-2

Error Message FEATURE-MGR-2-FM_AUTOCKPT_FAILED: AutoCheckpoint [chars] failed to be created for reason: [chars] ([hex])

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message FEATURE-MGR-2-FM_FEATURE_LICENSE_ERROR: the license operation for feature failed [hex] [chars]

Explanation License operation was not successful, check license validity for the feature

Recommended Action Please contact FM team

Error Message FEATURE-MGR-2-FM_FEATURE_LICENSE_ERROR: license [chars] checkout failure for [chars], error [hex] ([chars])

Explanation License operation was not successful, check license validity for the feature

Recommended Action Please contact FM team

Error Message FEATURE-MGR-2-FM_FEATURE_OP_TIMEOUT_ERROR: feature [chars] operation failed on response timeout from service: [chars] with uuid ([hex])

Explanation The error seen at FM and service communication

Recommended Action Please contact service owner with given uuid and FM team

Error Message FEATURE-MGR-2-FM_FSET_ADD_CONFHECK_ERROR: failed to add confcheck [hex] ([chars]) at installing feature-set [chars]

Explanation Failed to add confcheck at enabling feature-set

Recommended Action Please contact FM/systemgr team

Error Message FEATURE-MGR-2-FM_FSET_CFG_ALLOW_ERROR: Potential vdc_mgr issue: the allow request failed [hex] ([chars])

Explanation Vdc_mgr failed to response the allow request

Recommended Action Please contact FM/vdc_mgr team

Error Message FEATURE-MGR-2-FM_FSET_CKPT_ERROR: Checkpoint issue: failed on checkpoint with error [hex] ([chars]) at feature-set [chars]

Explanation Checkpoint did not response

Recommended Action Please contact FM/vdc_mgr and rollback team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_ERROR: Potential systemgr issue: disable feature-set [chars] on sup failed with error [hex] ([chars])

Explanation Some issues while disabling feature-set

Recommended Action Please contact FM/systemgr team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_FEATURES_ERROR: features failed to disable at feature-set [chars] with error [hex] ([chars])

Explanation Failed to disable feature at disabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_DISABLE_FEATURES_TIMEOUT: Potential [chars] issue: feature [chars] did not complete its disabling

Explanation Failed to disable feature at disabling feature-set

Recommended Action Please contact FM/sysmgr team and the feature owner

Error Message FEATURE-MGR-2-FM_FSET_INSTALL_ERROR: install feature-set [chars] returns error 0X[hex] ([chars])

Explanation Some issues during install feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_LCS_DISABLE_ERROR: Potential sysmgr issue: disable feature-set [chars] failed on module [dec] with error [hex] ([chars])

Explanation Some issues on the lc while disabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_LCS_ENABLE_ERROR: enabling feature-set [chars] on module [dec] returns error 0X[hex] ([chars])

Explanation Some issue on the lc while enabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_PRESEQ_REJECT: It rejects pre-sequence due to a service with sap [dec]: [chars]

Explanation The message seen when an application rejects feature-set disable request

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_SUP_ENABLE_ERROR: enabling feature-set [chars] on sup returns error 0X[hex] ([chars])

Explanation Some issues during enabling feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNGRACEFUL_DISABLE_ERROR: Potential sysmgr issue: ungraceful disable feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while ungraceful disable feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNGRACEFUL_UNINSTALL_ERROR: Potential sysmgr issue: ungraceful uninstall feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while ungraceful uninstall feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_UNINSTALL_ERROR: Potential sysmgr issue: uninstall feature-set [chars] failed with error [hex] ([chars])

Explanation Some issues while uninstall feature-set

Recommended Action Please contact FM/sysmgr team

Error Message FEATURE-MGR-2-FM_FSET_VMM_OP_ERROR: [chars]

Explanation The error seen at FM and VMM interaction

Recommended Action Please contact FM/VMM team

Error Message FEATURE-MGR-2-MODULE_FM_DONE: feature manager completed

Explanation Feature manager completed

Recommended Action No action is required.

Error Message FEATURE-MGR-2-MODULE_FM_STARTED: feature manager started

Explanation Feature manager started

Recommended Action No action is required.

FEATURE-MGR-6

Error Message FEATURE-MGR-6-FM_AUTOCKPT_IN_PROGRESS: AutoCheckpoint [chars]screationinprogress...'

Explanation AutoCheckpoint creation has been requested and it should be in progress

Recommended Action No action is required.

Error Message FEATURE-MGR-6-FM_AUTOCKPT_SUCCEEDED: AutoCheckpoint [chars] created successfully

Explanation AutoCheckpoint with the given name has been created successfully

Recommended Action No action is required.

Error Message FEATURE-MGR-6-FM_FCOE_AUTOINSTALL_ON_NOT_ISOLA: auto-install feature-set fcoe on non-isola

Explanation Auto-install feature-set fcoe could be done on isola only

Recommended Action Please contact FM team

Error Message FEATURE-MGR-6-FM_FSET_ENABLED_AT_UNINSTALL: Uninstall aborted because feature set is still enabled in vdc [dec]

Explanation Feature set is in enabled state

Recommended Action No action is required.

FEX Messages

This section contains the FEX messages.

FEX-2

Error Message FEX-2-FEX_NOT_ONLINE_SUP_ISSU: FEX [dec] did not come online after SUP ISSU

Explanation FEX did not come online after sup ISSU

Recommended Action No action is required.

Error Message FEX-2-FEX_OFFLINE: FEX [dec] has gone OFFLINE

Explanation FEX has gone OFFLINE

Recommended Action No action is required.

Error Message FEX-2-FEX_ONLINE: FEX [dec] has come ONLINE

Explanation FEX has come ONLINE

Recommended Action No action is required.

Error Message FEX-2-FEX_PORT_STATUS_CRIT: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]

Explanation Fex [decimal-digit] changed port status

Recommended Action No action is required.

Error Message FEX-2-NOHMS_ENV_FEX_OFFLINE: [chars]

Explanation Fex off-line

Recommended Action Show inventory

Error Message FEX-2-NOHMS_ENV_FEX_ONLINE: [chars]

Explanation Fex on-line

Recommended Action Show inventory

FEX-4

Error Message FEX-4-FEX_SCALING_LIMITS_REACHED: You have exceeded the advisable FEX scaling limits.

Explanation More FEX/FEX ports in the system than recommended by Cisco.

Recommended Action No action is required.

FEX-5

Error Message FEX-5-FEX_DISABLED: FEX Disabled

Explanation FEX Service Disabled

Recommended Action No action is required.

Error Message FEX-5-FEX_ENABLED: FEX Enabled

Explanation FEX Service Enabled

Recommended Action No action is required.

Error Message FEX-5-FEX_PORT_STATUS_NOTI: Uplink-ID [dec] of Fex [dec] that is connected with [chars] changed its status from [chars] to [chars]

Explanation Fex [decimal-digit] changed port status

Recommended Action No action is required.

Error Message FEX-5-PINNING_CHANGED: Fex [dec] pinning information is changed

Explanation Fex pinning information changed

Recommended Action No action is required.

Error Message FEX-5-SATMGR_DISABLE_FAILED: Disabling of feature FEX failed. Please remove FEX related configs from interfaces

Explanation Disabling of FEX feature failed

Recommended Action No action is required.

FIB Messages

This section contains the FIB messages.

FIB-SLOT#-0

Error Message FIB-SLOT#-0-EMERG: [chars]

Explanation Fib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FIB-SLOT#-1

Error Message FIB-SLOT#-1-ALERT: [chars]

Explanation Fib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FIB-SLOT#-1-HW_RESOURCE: [chars]

Explanation Hardware resources are approaching limit.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FIB-SLOT#-2

Error Message FIB-SLOT#-2-CRIT: [chars]

Explanation Fib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FIB-SLOT#-2-FIB_TCAM_HA_ERROR: FIB recovery errors, please capture showtechforwardingl3unicast'and'showtechforwardingl3multicast''

Explanation FIB had some HA recovery failures for certain prefixes/labels.

Recommended Action No action is required.

Error Message FIB-SLOT#-2-FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

Recommended Action No action is required.

FIB-SLOT#-3

Error Message FIB-SLOT#-3-ERR: [chars]

Explanation Fib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FIB-SLOT#-3-FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s)

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action No action is required.

Error Message FIB-SLOT#-3-HW_FAIL: [chars]

Explanation Failed to program route into the hardware.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FIB-SLOT#-3-NO_MEM: Out of memory

Explanation Fib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FIB-SLOT#-3-SEND_SUP: Cannot talk to supervisor

Explanation Fib to supervisor IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FIB-SLOT#-4

Error Message FIB-SLOT#-4-CPU_HOG: Inactive or busy

Explanation Either fib was not scheduled to run, or fib was busy, and fib did not service the message or timer queue for an extended period.

Recommended Action Please perform debugfiberror',thenrecreatetheoperationscenario,tofindoutmoredetails.'

Error Message FIB-SLOT#-4-FIB_ADJ_UTIL_WARNING: Adjacency memomry utilization is at [dec] percent

Explanation Adjacency memory utilization has is above its threshold

Recommended Action No action is required.

Error Message FIB-SLOT#-4-FIB_TCAM_ADJ_EXHAUSTED: Adjacency allocation failed for [chars]

Explanation Failed to allocate an adjacency. Adjacency memory could have been exhausted

Recommended Action No action is required.

Error Message FIB-SLOT#-4-FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion fail for [chars]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message FIB-SLOT#-4-FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion fail for [chars]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold.

Recommended Action No action is required.

Error Message FIB-SLOT#-4-FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] [chars]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message FIB-SLOT#-4-FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at 90 percent for [chars]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

Error Message FIB-SLOT#-4-WARN: [chars]

Explanation Fib encountered a possible error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FIB-SLOT#-6

Error Message FIB-SLOT#-6-FIB_INFO: [chars]

Explanation Information that a corrective action was taken by FIB

Recommended Action Message is informational only

FICON Messages

This section contains the FICON messages.

FICON-2

Error Message FICON-2-E_DUPLICATE_PN_BRINGUP_FAIL: [chars]

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port with duplicate port number can be up in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN

Error Message FICON-2-E_PN_PA_NOT_IN_BOUND: [chars]

Explanation Port number or port address in startup-configure is out of bound.

Recommended Action Change ficon port number assign configuration and save to startup-configure.

Error Message FICON-2-E_SAVE_FILE: [chars]

Explanation Failed to save file. Possibly due to asymmetric pdcm matrix. Look for retval for actual reason.

Recommended Action Configure port prohibits in symmetrically.

Error Message FICON-2-SHUTDOWN: FICON Manager process shutting down: [chars]

Explanation FICON Manager shutting down

Recommended Action This is a severe error. Provide the reason given in the message.

FICON-3

Error Message FICON-3-E_ASSIGN_BINDING_PN_FAIL: [chars]

Explanation Port number has fcip or port channle binding can not be removed nor changed.

Recommended Action Remove port number binding of the logical interface first.

Error Message FICON-3-E_ASSIGN_INVALID_PN_PARAM: [chars]

Explanation Invalid port number parameters in command.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-E_ASSIGN_OVERLAP_PN_FAIL: [chars]

Explanation Port number assigned to physical and logical can not overlap.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-E_ASSIGN_PN_NOT_DOWN_FAIL: [chars]

Explanation Only port number assigned to a port in down state can be removed or changed.

Recommended Action Bring down the port first.\n

Error Message FICON-3-E_ASSIGN_PROHIBIT_PN_FAIL: [chars]

Explanation Logical port address can not be prohibited.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-E_DUPLICATE_PN_ASSIGN_WARNING: [chars]

Explanation This port has the same port number assigned to other port in the same FICON VSAN. No more than one port should have the same port number in each FICON VSAN

Recommended Action Avoid duplicate number assignment in each FICON VSAN\n

Error Message FICON-3-E_INVALID_PA_BRINGUP_FAIL: [chars]

Explanation This port either has an invalid port address assigned or has no port address assigned.

Recommended Action Assign a valid ficon port number to the port.\n

Error Message FICON-3-E_PORT_PROHIBIT_BRINGUP_FAIL: [chars]

Explanation This port has been prohibited. Prohibiting E or TE ports is not allowed. This port can not be configured in E mode or TE mode until the prohibit mask configuration is changed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring it up as an E or TE port in a FICON VSAN\n

Error Message FICON-3-E_UNASSIGN_NO_PN_FAIL: [chars]

Explanation Only port number already assigned can be removed.

Recommended Action Check port numbers in the command.\n

Error Message FICON-3-PDCM_CHANGE_REJ_E_PORT: [chars]

Explanation The FICON Prohibit Dynamic Connectivity Mask(PDCM) change rejected because an E or TE port is being prohibited. Prohibiting an E or TE port in not allowed

Recommended Action Correct the prohibit mask (PDCM) for this port if you wish to bring the port up as an E or TE port in a FICON VSAN.

FICON-5

Error Message FICON-5-STARTING: FICON Manager process starting

Explanation FICON Manager process is being started

Recommended Action No action is required.

FICON-6

Error Message FICON-6-PDCM_CHANGE: VSAN [dec] port-address [dec] prohibit mask set to [chars]

Explanation The FICON Prohibit Dynamic Connectivity Mask (PDCM) for this port has changed. VSAN [dec], port address [dec] prohibit mask (PDCM) is now set to [chars]

Recommended Action No action is required.

Error Message FICON-6-PORT_SWAP: port number [dec] [dec] swapped

Explanation FICON portnumbers swapped

Recommended Action No action is required.

Error Message FICON-6-VSAN_DISABLED: FICON disabled on VSAN [dec]

Explanation FICON has been disabled on the given VSAN

Recommended Action No action is required.

Error Message FICON-6-VSAN_ENABLED: FICON enabled on VSAN [dec]

Explanation FICON has been enabled on the given VSAN

Recommended Action No action is required.

FIPSM Messages

This section contains the FIPSM messages.

FIPSM-5

Error Message FIPSM-5-SPLITTER_DISABLED: SPLITTER Disabled

Explanation SPLITTER Service Disabled

Recommended Action No action is required.

Error Message FIPSM-5-SPLITTER_ENABLED: SPLITTER Enabled

Explanation SPLITTER Service nabled

Recommended Action No action is required.

FIPS Messages

This section contains the FIPS messages.

FIPS-0

Error Message FIPS-0-FIPS_POST_CLEANUP_FAILED: Error cleaning up keys in FIPS mode : [chars]

Explanation FIPS cleanup failed [chars]

Recommended Action No action is required.

Error Message FIPS-0-SET_FIPS_MODE_FAILED: Error when setting FIPS mode : [chars]

Explanation FIPS mode failed [chars]

Recommended Action No action is required.

FIPS-6

Error Message FIPS-6-SET_FIPS_MODE: FIPS mode is [chars] for service [chars]

Explanation FIPS mode is changed [chars] [chars]

Recommended Action No action is required.

FLN_EM Messages

This section contains the FLN_EM messages.

FLN_EM-6

Error Message FLN_EM-6-FLN_EM_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_FCP Messages

This section contains the FLN_FCP messages.

FLN_FCP-6

Error Message FLN_FCP-6-FLN_FCP_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_FCP-SLOT#-2

Error Message FLN_FCP-SLOT#-2-FLN_FIB_TCAM_RESOURCE_EXHAUSTION: FIB TCAM exhausted for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC has reached its system limits.

No action is required.

FLN_FCP-SLOT#-3

Error Message FLN_FCP-SLOT#-3-FLN_FIB_URPF_RESOURCE_EXHAUSTION: uRPF memory exhausted - Failed to add uRPF interface(s) on instance [dec]

Explanation The URPF memory in the L3 forwarding ASIC has reached its system limits.

Recommended Action No action is required.

FLN_FCP-SLOT#-4

Error Message FLN_FCP-SLOT#-4-FLN_FIB_ADJ_EXHAUSTED: Adjacency allocation failed on instance [dec]

Explanation Failed to allocate an adjacency. Adjacency memory could have been exhausted

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_LSMET_EXHAUSTED: ls-met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a ls-met entry. LS-MET table region for this entry could have been exhausted

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_MCASTMET_EXHAUSTED: Met entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a multicast met entry. Met table region for this entry could have been exhausted

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_MCAST_OIFLIST_INSERT_FAIL: oiflist insertion failed [chars]

Explanation L3 oiflist insertion failed because Max supported l3 oiflist size is 4k

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_MDT_EXHAUSTED: mdt entry allocation from [chars] failed on instance [dec]

Explanation Failed to allocate a mdt entry. Mdt table region for this entry could have been exhausted

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_TCAM_AF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization above threshold.

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_TCAM_PF_INSERT_FAIL: FIB TCAM prefix insertion failed for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC failed to install prefix. Utilization below threshold.

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_TCAM_RESOURCE_EXCEP_CLRD: FIB TCAM resource usage exception cleared for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is within system limits.

Recommended Action No action is required.

Error Message FLN_FCP-SLOT#-4-FLN_FIB_TCAM_RESOURCE_WARNING: FIB TCAM usage is at [dec] percent for [chars] on instance [dec]

Explanation The TCAM device in the L3 forwarding ASIC is reaching its system limits.

Recommended Action No action is required.

FLN_FWD_USD Messages

This section contains the FLN_FWD_USD messages.

FLN_FWD_USD-2

Error Message FLN_FWD_USD-2-CRIT_MSG: [chars]

Explanation Critical log message

Recommended Action No action is required.

FLN_FWD_USD-6

Error Message FLN_FWD_USD-6-FLN_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_L3 Messages

This section contains the FLN_L3 messages.

FLN_L3-6

Error Message FLN_L3-6-FLN_L3_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_QUE Messages

This section contains the FLN_QUE messages.

FLN_QUE-6

Error Message FLN_QUE-6-FLN_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLN_XBAR Messages

This section contains the FLN_XBAR messages.

FLN_XBAR-2

Error Message FLN_XBAR-2-FLN_XBAR_FR_CRC: [chars]

Explanation Flanker received packets with CRC error from fabric

Recommended Action No action is required.

FLN_XBAR-6

Error Message FLN_XBAR-6-FLN_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

FLOGI Messages

This section contains the FLOGI messages.

FLOGI-1

Error Message FLOGI-1-MSG_FDISC_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FDISC rejected - this interface has reached the max num of N-Ports ([dec])

Explanation An FDISC was rejected because the F-Port has reached the maximum allowed number of devices.

Recommended Action Check the configuration of the NPIV device connected to the port.

Error Message FLOGI-1-MSG_FLOGI_REJECT_TOO_MANY_LOGINS: [VSAN [dec], Interface [chars]] FLOGI rejected - this interface has reached the max num of NL-Ports ([dec])

Explanation An FLOGI was rejected because the FL-Port has reached the maximum allowed number of devices.

Recommended Action Reduce the number of devices on the loop.

Error Message FLOGI-1-MSG_NPIV_NOT_SUPPORTED_WITH_TRUNKING: [VSAN [dec], Interface [chars]] NPIV not supported - on this platform, NPIV is not supported on trunking interfaces

Explanation The N_Port requested NPIV, but this platform does not support NPIV on trunking F_Ports.

Recommended Action Disable NPIV, or move the N_Port to a switch that supports NPIV on trunking F_Ports

FLOGI-2

Error Message FLOGI-2-MSG_FLOGI_REJECT_NO_ACL_TCAM_AVAILABLE: [VSAN [dec], Interface [chars]] FLOGI rejected - ACLTCAM resource exhausted

Explanation An FLOGI was rejected because the ACLTCAM hardware resource is completely used.

Recommended Action Reduce the number of nodes.

FLOGI-4

Error Message FLOGI-4-MSG_VF_FLOGI_FROM_NON_CISCO_OUI: [VSAN [dec], Interface [chars]] FLOGI with VF bit set from OUI [hex]:[hex]:[hex] (nwwn: [chars])

Explanation This interface received an FLOGI with VF bit set from a non CISCO OUI; in this release Virtual Fabrics are not supported on interfaces connected to third-party devices

Recommended Action Set the trunk mode of this interface to off

FLOGI-5

Error Message FLOGI-5-MSG_FLOGI_DROP_DUE_TO_SUSPENDED_VSAN: [VSAN [dec], Interface [chars]] FLOGI (pwwn: [chars]) has been dropped because the VSAN is suspended on this trunking interface

Explanation The switch received an FLOGI from a trunking interface on a VSAN which has been suspended; the FLOGI frame has been dropped.

Recommended Action To bring up the VSAN again on the trunking port, remove it from the allowed VSAN list and add it again

Error Message FLOGI-5-MSG_FLOGI_DUPLICATE_WWPN: [VSAN [dec], Interface [chars]] FLOGI (pwwn: [chars]) has been dropped because the host has a duplicate WWPN

Explanation The switch received an FLOGI from the interface, which has a duplicate PWWN value.

Recommended Action No action is required.

Error Message FLOGI-5-MSG_IF_REINIT_ALPA_CONFLICT: [VSAN [dec], Interface [chars]] FL/TL interface [chars] re-initialized as ALPA - PWWN map conflict occurred.

Explanation The FL/TL interface is re-initialized as ALPA used by device conflicts with an existing FLOGI session after the Loop Initialization Protocol (LIP). All the devices will re-login with new ALPA and PWWN mapping

Recommended Action No action is required.

Error Message FLOGI-5-MSG_PORT_LOGGED_IN: [VSAN [dec], Interface [chars]] Nx Port [chars] with FCID [chars] logged IN.

Explanation Nx port logged in with the specified information.

Recommended Action No action is required.

Error Message FLOGI-5-MSG_PORT_LOGGED_OUT: [VSAN [dec], Interface [chars]] Nx Port [chars] logged OUT.

Explanation Nx port logged out. The following commands will help determine why this Nx port logged out: 'show interface, show VSAN, show module'

Recommended Action No action is required.

FS-DAEMON Messages

This section contains the FS-DAEMON messages.

FS-DAEMON-2

Error Message FS-DAEMON-2-FSD_ENOSPC_BOOTFLASH: Due to insufficient space, [chars] image could not be copied to standby bootflash. [chars] image is not present on standby. Please copy \"[chars]\" manually.'

Explanation Move system images from RAM to bootflash to free up some memory

Recommended Action Please remove some unnecessary files on bootflash using `\delete\CLIcommandandcopyimagesfromactivesupervisororfromremotelocation'`

FS-DAEMON-6

Error Message FS-DAEMON-6-FSD_ENOSPC_LOGFLASH: System logflash usage has reached [dec]%. You may delete some old files on logflash to free up space

Explanation System logflash space is almost full

Recommended Action Use 'clear core archived' or 'delete' CLI to free up space on logflash

Error Message FS-DAEMON-6-FSD_ENOSPC_ROOT: System root usage has reached [dec]%. You may delete some old files from root or /var/log to free up space

Explanation System root space is almost full

Recommended Action Use 'clear core archived' or 'delete' CLI to free up space on root dir or /var/log

Error Message FS-DAEMON-6-FSD_ENOSPC_TMP: System temporary directory usage has reached [dec]%.

Explanation System /tmp space usage.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FS-DAEMON-6-FSD_REEXPORT_NFS: Re-exported NFS mounts

Explanation Exported NFS mounts are not visible in kernel and had to be reexported

Recommended Action Please use `showsysteminternalflash` to make sure there are no stale NFS handles'

FSCM Messages

This section contains the FSCM messages.

FSCM-2

Error Message FSCM-2-FABRIC_START_CFG_MGR_PROGRAM_EXIT: Fabric Start Cfg Mgr daemon exiting: [chars]

Explanation FABRIC_START_CFG_MGR daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

FSPF Messages

This section contains the FSPF messages.

FSPF-2

Error Message FSPF-2-SHUTDOWN: Routing daemon shutting down : [chars]

Explanation FSPF routing daemon is shutting down because of [chars] reason.

Recommended Action This is a severe bug. Provide the reason provided and the log files for FSPF.

FSPF-2

Error Message FSPF-3-BAD_FC2_PKT: Received bad FC2 packet on interface [chars] : [chars]

Explanation FSPF received a bad FC2 packet on [chars] interface , error description is [chars].

Recommended Action FSPF daemon has received a bad FC frame. Provide the output of `'debug fc2 pkt'`.

Error Message FSPF-3-CHECKSUM_FAIL: Checksum test failed for LSR domain [dec]

Explanation Periodic database checksum test failed for LSR for domain [dec]

Recommended Action This indicates that the internal database got corrupted because of some memory corruption bug. Provide output of 'show fspf database '. May need to power cycle the switch

Error Message FSPF-3-FC2_PROC_ERR: Error in processing [chars] packet on interface [chars], Error = [chars]

Explanation An error occurred in processing a [chars] FC2 packet on [chars] interface. The internal error code is [chars].

Recommended Action Turn on 'debug fspf error' to get more information. Make sure there is no misconfiguration of FSPF parameters on the two ends of the interface. Provide output of 'show fspf vsan x' 'show fspf vsan x interface' and 'debug fspf fc pkt ' for the specific interface

Error Message FSPF-3-FLOOD_ERR: Error in flooding the local LSR , Error = [chars]

Explanation FSPF had an error in flooding the local LSR , error description is [chars].

Recommended Action Provide output of 'debug fspf flood' , 'debug fspf error'. If error is reported in transmitting packet check if interface is up and turn on 'debug fc2 error'

Error Message FSPF-3-HELLO_MISMATCH: Mismatch in [chars] in the Hello packet on interface [chars]

Explanation There is a mismatch in the [chars] entry in the hello packet received on interface [chars]. The packet will be dropped.

Recommended Action Check the configuration of hello or dead interval on the switches on the two ends of the interface to see if there is a mismatch.

Error Message FSPF-3-INTF_TIMER_ERR: Error in processing interface timer event [chars] for interface [chars] , error = [chars]

Explanation FSPF had an error in processing timer event for interface chars, error is [chars].

Recommended Action Provide output of 'debug fspf error'

Error Message FSPF-3-IPC_PROC_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation FSPF had an error in processing message of [dec] opcode , the internal error code is [dec].

Recommended Action Possibly some wrong IPC message is received by FSPF . Provide output of 'debug fspf mts pkt' and 'debug fspf error ' trace.

Error Message FSPF-3-LOCK_FAIL: FSPF failure in gaining lock

Explanation There is a software failure in gaining lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

Error Message FSPF-3-MTS_MSG_BEFORE_GSYNC: FSPF in standby received MTS message opcode = [hex] before GSYNC

Explanation FSPF in standby received an MTS message of opcode [dec] before receiving the GSYNC message.

Recommended Action Provide output of 'debug fspf mts pkt '

Error Message FSPF-3-RIB_ERR: Error in RIB : [chars]

Explanation FSPF had an error in interacting with RIB, error description is [chars].

Recommended Action Check if rib application is running using 'show processes'. Provide output of 'debug fspf route' and RIB debug traces.

Error Message FSPF-3-ROUTE_COMPUTE_ERR: Error in computing or sending routes : Error = [chars]

Explanation FSPF had an error in computing routes , error description is [chars].

Recommended Action Provide the error code and output of 'debug fspf error' and 'debug fspf route' if problem is reproducible

Error Message FSPF-3-UNLOCK_FAIL: FSPF failure in releasing lock

Explanation There is a software failure in releasing lock of the shared resource between FSPF threads.

Recommended Action Provide output of 'debug fspf all '

Error Message FSPF-3-VSAN_TIMER_ERR: Error in processing VSAN timer event [chars], error description = [chars]

Explanation FSPF had an internal error in processing timer event , error description is [chars].

Recommended Action Provide output of 'debug fspf error'

FSPF-4

Error Message FSPF-4-FC2_DOWN_INTF: Received FC2 packet on DOWN interface [chars]

Explanation FSPF received a FC2 packet on inactive interface [chars] .

Recommended Action This message may be printed for the first FSPF packet when an interface is brought up. If the message is seen continuously check if FSPF is disabled on one end for the interface or the VSAN. Otherwise check 'show interface ' output to see if interface is physically up only on one side. Also check if there is any error message printed for IPC_PROC_ERR

Error Message FSPF-4-FC2_DOWN_VSAN: Received FC2 packet on inactive vsan

Explanation FSPF received a FC2 packet on inactive vsan.

Recommended Action If message seen continuously check if FSPF is disabled on the VSAN Investigate if VSAN is active and valid domain has been assigned on the switch Also check if IPC_PROC_ERR message is printed in the syslog

Error Message FSPF-4-ILLEGAL_FSM_EVENT: Illegal FSM event for state [chars] in interface [chars]

Explanation An illegal protocol event has occurred for the FSPF state machine. The old state was [chars] for the interface [chars].

Recommended Action It is possible to get this message if some protocol packet gets dropped but the it should recover and move back to FULL state. Do 'show fspf interface' to check the state of the interface. If it is stuck in state other than FULL provide output of 'debug fspf event' and 'debug fspf fc pkt ' for the interfaces involved.

Error Message FSPF-4-LSR_DROPPED: [chars], Dropping LSR [dec] received on interface [chars]

Explanation A LSR packet is dropped due to [chars] reason. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action Provide the reason given for dropping the LSR and output of 'debug fspf fc pkt' If the reason is checksum failure investigate possible packet corruption or truncation

Error Message FSPF-4-LSR_MIN_LS_ARRIVAL: Packet arrived before MIN_LS_ARRIVAL, Dropping LSR [dec] on interface [chars]

Explanation A LSR packet is dropped as it arrived before MIN_LS_ARRIVAL. LSR belonged to domain [dec] and was received on interface [chars].

Recommended Action This can occur in transient situation and protocol recovers by retransmitting the LSR. If the message is seen continuously provide output of 'debug fspf flood ', 'debug fspf retrans' and 'debug fspf error '. The message may be seen more often when interoperating with other vendors

Error Message FSPF-4-LSU_RX_INIT: Dropping LSU received in state INIT on interface [chars]

Explanation A LSU packet is dropped as interface [char] is in INIT state when it received the LSU.

Recommended Action This can occur in some transient situation. If the problem persists provide output of 'show fspf vsan x interface' and 'debug fspf fc pkt ' and 'debug fspf event vsan x'

FSPF-5

Error Message FSPF-5-STARTING: Routing daemon started

Explanation FSPF routing daemon has been started.

Recommended Action No action is required.

FSPF-6

Error Message FSPF-6-ADD_LSR: New LSR added for domain [dec]

Explanation A new LSR is added to the database for domain [dec] .

Recommended Action No action is required.

Error Message FSPF-6-DELETE_LSR: LSR deleted for domain [dec]

Explanation The LSR for domain [dec] is deleted from the database.

Recommended Action No action is required.

Error Message FSPF-6-INTF_OPER_DOWN: Down on interface [chars]

Explanation FSPF has become operationally down on interface [chars].

Recommended Action No action is required.

Error Message FSPF-6-INTF_OPER_UP: Up on interface [chars]

Explanation FSPF has become operational on interface [chars].

Recommended Action No action is required.

Error Message FSPF-6-MAX_AGE: LSR [dec] reached Maxage

Explanation The LSR for domain [dec] reached the maximum age and will be deleted from all the connected switches .

Recommended Action No action is required.

Error Message FSPF-6-ROLLOVER: Rolling over the incarnation number of Local LSR

Explanation The incarnation number of local LSR reached the maximum value and is rolling over.

Recommended Action No action is required.

Error Message FSPF-6-SELF_ORIGINATED: Received local LSR with higher incarnation number

Explanation A LSR for the local domain was received with incarnation number higher than the one in database. This situation should only occur initially on a topology change. If this situation persists the domain assignment of switches may not be unique

Recommended Action If this message is received continuously check if domain assignment is unique in the fabric.

Error Message FSPF-6-STATE_CREATED: Internal state created [chars]

Explanation FSPF has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message FSPF-6-VSAN_OPER_DOWN: Down on vsan

Explanation FSPF has become operationally down on VSAN.

Recommended Action No action is required.

Error Message FSPF-6-VSAN_OPER_UP: Up with local domain [dec]

Explanation FSPF has started with local domain [dec].

Recommended Action No action is required.

FSPF-7

Error Message FSPF-7-ROUTE_THREAD_STARTED: Thread number [dec] started

Explanation Route computation thread number [dec] has been started for FSPF.

Recommended Action No action is required.

FVP Messages

This section contains the FVP messages.

FVP-2

Error Message FVP-2-GENERAL_ERROR: [chars]

Explanation The FVP Manager has encountered a critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message FVP-2-MALLOC_ERROR: Size [dec] bytes

Explanation The FVP Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message FVP-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free

Explanation This FVP Manager detected a discrepancy between the information on the chassis and that in its persistent information databases. The persistent information database has been updated with the information on the chassis.

Recommended Action No action is required.

Error Message FVP-2-PSS_ERROR: [chars]

Explanation The FVP Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

FVP-3

Error Message FVP-3-FVPD_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The FVP Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message FVP-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.]

Recommended Action No action is required.

Error Message FVP-3-RELEASE_ERR_FREE: Already free FVP [chars]

Explanation A client of FVP Manager attempted to remove a FVP [char] which is not present. This information is for debugging only.

Recommended Action No action is required.

Error Message FVP-3-RELEASE_ERR_UNKNOWN: Unknown FVP [chars]

Explanation FVP Manager received a request to release a FVP [char] that could not have been allocated by this FVP Manager.

Recommended Action No action is required.

Error Message FVP-3-RELEASE_ERR: Cant Rel. FVP [chars]

Explanation FVP Manager received a request to remove a FVP that cannot be removed.

Recommended Action No action is required.

Error Message FVP-3-TOOMANY_REQ_REL: FVPs [chars] = [dec]

Explanation The FVP Manager received a request to allocate [dec] more than the maximum number of FVPs that can be allocated/released in a single request.

Recommended Action No action is required.

Error Message FVP-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec] Opcode=[dec]

Explanation The FVP Manager has received an unknown message from [dec]].[dec] with opcod [dec]. This information is for debugging only.

Recommended Action No action is required.

FVP-4

Error Message FVP-4-EXITING: Exited due to [chars]

Explanation The FVP Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message FVP-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the FVP Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

FVP-6

Error Message FVP-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The FVP Manager on the standby supervisor became active and it is ready to serve client requests for FVPs.

Recommended Action No action is required.

Error Message FVP-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The FVP Manager became standby from active mode.

Recommended Action No action is required.

Error Message FVP-6-CREATED_FV_PORT: ifIndex: [dec]

Explanation The FVP Manager has created a new fv port with ifIndex= [dec].

Recommended Action No action is required.

Error Message FVP-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.]

Recommended Action No action is required.

Error Message FVP-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The FVP Manager was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message FVP-6-GENERAL_EVENT: [chars]

Explanation The FVP Manager has generated an important event. The description of the event is [str.]

Recommended Action No action is required.

Error Message FVP-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database os FVP Manager has been recreated

Recommended Action No action is required.

Error Message FVP-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message FVP-6-REMOVED_FV_PORT: IfIndex: [dec]

Explanation The FVP Manager has removed an fv port with ifIndex= [dec].

Recommended Action No action is required.

Error Message FVP-6-SERVICE_UP: Initialized [chars]

Explanation The FVP Manager is up and ready to accept client requests for FVPs. The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message FVP-6-SWITCHOVER: Switching Over to other Sup.

Explanation The FVP Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

FW_APP Messages

This section contains the FW_APP messages.

FW_APP-2

Error Message FW_APP-2-FIRMWARE_IMAGE_LOAD_ERROR: Firmware extraction and load error: [chars]

Explanation Firmware extraction error

Recommended Action Please examine showssysteminternalfirmwareboot-log"

Error Message FW_APP-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation FW_APP process has failed initialization.

Recommended Action Please examine showssysteminternalfirmwareevent-historyerrors"

FW_APP-6

Error Message FW_APP-6-FIRMWARE_IMAGE_LOAD_SUCCESS: [chars]

Explanation Firmware extraction success

Recommended Action No action is required.

GARUDA_USD Messages

This section contains the GARUDA_USD messages.

GARUDA_USD-6

Error Message GARUDA_USD-6-GARUDA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

GLBP Messages

This section contains the GLBP messages.

GLBP-2

Error Message GLBP-2-GLBP_URIB_INIT_ERROR: [chars]

Explanation Unicast routing initialization failed and the GLBP process terminated

Recommended Action Please check syslog messages for URIB failures and rectify the problem

GLBP-3

Error Message GLBP-3-GLBP_ARP_ADD_FAILED: failed to add [chars]/[chars] in arp table

Explanation The system was unable to add the GLBP vIP into the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message GLBP-3-GLBP_ARP_DEL_FAILED: failed to delete [chars]/[chars] in arp table

Explanation The system was unable to delete the GLBP vIP from the arp table

Recommended Action Please check syslog messages for ARP failures and rectify the problem

Error Message GLBP-3-GLBP_FEATURE_MANAGER_ERROR: [chars]: [chars]

Explanation There was a problem in GLBP interaction with feature manager.

Recommended Action Please check the reason for error using feature manager and rectify the problem

Error Message GLBP-3-GLBP_IP_JOIN_GROUP_FAILED: [chars]: failed to join glbp multicast address group

Explanation The system was unable to perform a join to start receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message GLBP-3-GLBP_IP_LEAVE_GROUP_FAILED: [chars]: failed to leave glbp multicast address group

Explanation The system was unable to perform a leave to stop receiving GLBP protocol packets.

Recommended Action Please check syslog messages for IP failures and rectify the problem

Error Message GLBP-3-GLBP_MAC_ADD_FAILED: fwd [dec] failed to add [chars] in mac table (error [hex])

Explanation The system was unable to add the GLBP mac address into the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

Error Message GLBP-3-GLBP_MAC_DEL_FAILED: fwd [dec] failed to delete [chars] in mac table (error [hex])

Explanation The system was unable to delete the GLBP mac address from the mac addresss table

Recommended Action Please check syslog messages for L2FM failures and rectify the problem

Error Message GLBP-3-GLBP_ROUTE_ADD_FAILED: failed to add [chars] in routing table

Explanation The system was unable to add the GLBP vIP address into the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

Error Message GLBP-3-GLBP_ROUTE_DEL_FAILED: failed to delete [chars] in routing table

Explanation The system was unable to delete the GLBP vIP address from the unicast routing table

Recommended Action Please check syslog messages for URIB failures and rectify the problem

GLBP-4

Error Message GLBP-4-BADAUTH: Bad authentication received from [chars]

Explanation Two routers participating in a Gateway Load Balancing Protocol group have a valid authentication string that does not match.

Recommended Action Use the `glbp authentication interface` command to repair the Gateway Load Balancing Protocol authentication discrepancy between the local system and the one whose IP address is reported

Error Message GLBP-4-BADVIP1: address [chars] is in the wrong subnet for this interface

Explanation The Gateway Load Balancing Protocol virtual IP address is not within the subnet configured on this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be within the subnet configured on this interface.

Error Message GLBP-4-BADVIP2: address [chars] in the wrong subnet for this interface is not learned

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is not within the subnet configured on this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message GLBP-4-BADVIP3: address [chars] is the broadcast address for this interface

Explanation The Gateway Load Balancing Protocol virtual IP address is a broadcast address for this interface.

Recommended Action Configure the virtual IP address of Gateway Load Balancing Protocol to be a non broadcast address.

Error Message GLBP-4-DIFFVIP1: active router virtual IP address [chars] is different from the locally configured virtual IP address [chars]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message GLBP-4-DUPADDR: Duplicate address on [chars]

Explanation The IP address in a Gateway Load Balancing Protocol message received on the interface is the same as the IP address of its own router. This condition may be caused by a misconfiguration or because of a malfunctioning switch.

Recommended Action Check the configurations on all the Gateway Load Balancing Protocol routers, and ensure that any switches are functioning properly

Error Message GLBP-4-DUPVIP1: address [chars] already assigned to interface [chars] grp [dec]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to a different Gateway Load Balancing Protocol group.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers

Error Message GLBP-4-DUPVIP2: address [chars] already assigned to this interface

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to this interface.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message GLBP-4-DUPVIP3: address [chars] already assigned to another interface [chars]

Explanation The Gateway Load Balancing Protocol virtual IP address contained in the hello message cannot be learned. It is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all Gateway Load Balancing Protocol routers.

Error Message GLBP-4-GLBP_ARP_RESP_FAILED: failed to send arp response [chars]/[chars]

Explanation The system was unable to send the arp response for vIP

Recommended Action Please check syslog messages for ARP failures and rectify the problem

GLBP-5

Error Message GLBP-5-ACTIVE_CHANGE: Active gateway is [chars]

Explanation The Gateway Load Balancing Protocol has changed active gateway.

Recommended Action No action is required

Error Message GLBP-5-FWDSTATECHANGE: fwd [dec] state changed from [chars] to [chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed state.

Recommended Action No action is required

Error Message GLBP-5-FWD_CREATE: fwd [dec] created

Explanation The Gateway Load Balancing Protocol forwarder has been created.

Recommended Action No action is required

Error Message GLBP-5-FWD_DELETE: fwd [dec] deleted

Explanation The Gateway Load Balancing Protocol forwarder has been removed.

Recommended Action No action is required

Error Message GLBP-5-FWD_OWNER: fwd [dec] owner mac is [chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed the owner MAC address.

Recommended Action No action is required

Error Message GLBP-5-FWD_VMAC: fwd [dec] virtual mac is [chars]

Explanation The Gateway Load Balancing Protocol forwarder has changed the virtual MAC address.

Recommended Action No action is required

Error Message GLBP-5-FWD_WEIGHTING: fwd [dec] weighting is [dec]

Explanation The Gateway Load Balancing Protocol forwarder has changed the weighting.

Recommended Action No action is required

Error Message GLBP-5-GRPSTATECHANGE: state changed from [chars] to [chars]

Explanation The Gateway Load Balancing Protocol gateway has changed state.

Recommended Action No action is required

Error Message GLBP-5-MEMBER_ADD: member [chars] [chars] added

Explanation The Gateway Load Balancing Protocol gateway has added a member.

Recommended Action No action is required

Error Message GLBP-5-MEMBER_REMOVE: member [chars] [chars] removed

Explanation The Gateway Load Balancing Protocol gateway has removed a member.

Recommended Action No action is required

Error Message GLBP-5-PRIORITY: [chars] gateway priority changed to [dec]

Explanation The Gateway Load Balancing Protocol gateway has changed priority.

Recommended Action No action is required

Error Message GLBP-5-STANDBY_CHANGE: Standby gateway is [chars]

Explanation The Gateway Load Balancing Protocol has changed standby gateway.

Recommended Action No action is required

Error Message GLBP-5-TIMER: [chars] timer changed to [chars]

Explanation The Gateway Load Balancing Protocol gateway has learnt timers.

Recommended Action No action is required

Error Message GLBP-5-VIPLEARN: learnt virtual ip address [chars]

Explanation The Gateway Load Balancing Protocol gateway has learnt virtual IP address.

Recommended Action No action is required

Error Message GLBP-5-VIPUNLEARN: unlearned virtual ip address [chars]

Explanation The Gateway Load Balancing Protocol gateway has unlearned virtual IP address.

Recommended Action No action is required

Error Message GLBP-5-WEIGHTING: weighting changed to [dec]

Explanation The Gateway Load Balancing Protocol gateway has changed the weighting.

Recommended Action No action is required

HSRP_ENGINE Messages

This section contains the HSRP_ENGINE messages.

HSRP_ENGINE-3

Error Message HSRP_ENGINE-3-BFD_GLOBAL_SESSION_REMOVAL_ERROR: Failed to remove all the HSRP-BFD sessions([hex] [hex]), Refer logs

Explanation Refer logs for more details

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove few HSRP-BFD sessions([hex] [hex]), Refer logs

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-BFD_SESSION_ADD_ERROR: Failed to add few HSRP-BFD sessions([hex] [hex]), Refer logs

Explanation TRefer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information([hex] [hex]), Refer logs

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove few HSRP-BFD sessions([hex] [hex]), Refer logs

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-ERROR_IN_ADD_VIP_TO_U6RIB: Failed to Add VIP [chars] to U6RIB (errno [hex]), Refer logs

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-ERROR_IN_DEL_VIP_FROM_U6RIB: Failed to delete VIP [chars] from U6RIB (errno [hex]), Refer logs

Explanation Refer logs for more details.

Recommended Action No action is required.

Error Message HSRP_ENGINE-3-NOSOCKET: Unable to open socket

Explanation The system was unable to initialize an IP connection for the Hot Standby protocol.

Recommended Action Make sure that there is at least one interface configured to run IP.

HSRP_ENGINE-4

Error Message HSRP_ENGINE-4-BADAUTH2: Bad authentication from [chars]

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

Error Message HSRP_ENGINE-4-BADAUTH: Bad authentication from [chars], group [dec], remote state [chars]

Explanation Two routers participating in HSRP disagree on the valid authentication string.

Recommended Action Use the HSRP authentication command to repair the HSRP authentication discrepancy between the local system and the one whose IP address is reported.

Error Message HSRP_ENGINE-4-DIFFVIP1: [chars] Grp [dec] active routers virtual IP address [chars] is different to the locally configured address [chars]

Explanation The HSRP virtual IP address contained in the Hello message from the Active router is different to that configured locally.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPADDR: Duplicate address %i on [chars], sourced by %e

Explanation The IP address in an HSRP message received on the interface is the same as the routers own IP address. This may be because of misconfiguration, or because of a malfunctioning switch.

Recommended Action Check the configurations on all the HSRP routers, and make sure that any switches you have are functioning properly.

Error Message HSRP_ENGINE-4-DUPVIP1: [chars] Grp [dec] address [chars] is already assigned to a HSRP group on this interface

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to a different HSRP group.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPVIP2: [chars] Grp [dec] address [chars] is already assigned on this interface

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to this interface.

Recommended Action Check the configuration on all HSRP routers.

Error Message HSRP_ENGINE-4-DUPVIP3: [chars] Grp [dec] address [chars] is already assigned to, or overlaps with, an address on another interface or application

Explanation The HSRP virtual IP address contained in the Hello message cannot be learnt as it is already assigned to, or overlaps with, an address on another interface or application.

Recommended Action Check the configuration on all HSRP routers.

HSRP_ENGINE-5

Error Message HSRP_ENGINE-5-ACTIVEROUTERPRIORITY: Interface [chars] [chars] Grp [dec] Active router priority changed to [dec]

Explanation The priority of the Active router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-ACTIVE_CHANGE: Interface [chars] [chars] Grp [dec] Active router is [chars]

Explanation The Active router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-AUTOCONFIG_VIPLEARN: Interface [chars] grp [dec] learnt autoconfig virtual ip address [chars]

Explanation The local router has generate virtual ip address

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-GRPSTATECHANGE: Interface [chars] [chars] Grp [dec] state changed from [chars] to [chars] reason [chars]

Explanation The HSRP router has changed state

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-MACADDRESS_CHANGE: Interface [chars] [chars] Grp [dec] mac-address changed to [chars]

Explanation The mac address of the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-PRIORITY: Interface [chars] [chars] Grp [dec] priority changed to [dec]

Explanation The current priority of the HSRP group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-STANDBYROUTERPRIORITYCHANGE: Interface [chars] [chars] Grp [dec] Standby router priority changed to [dec]

Explanation The priority of the Standby router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-STANDBY_CHANGE: Interface [chars] [chars] Grp [dec] Standby router is [chars]

Explanation The Standby router for the group has changed.

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-TIMER: Interface [chars] [chars] Grp [dec] [chars] timer changed to [dec] [chars]

Explanation The hello/hold timer value for the HSRP group has changed

Recommended Action No action is required.

Error Message HSRP_ENGINE-5-VIPLEARN: Interface [chars] [chars] Grp [dec] learnt virtual ip address [chars]

Explanation The local router has learnt virtual ip address from the incoming HSRP packet.

Recommended Action No action is required.

HSRP_ENGINE-6

Error Message HSRP_ENGINE-6-STATECHANGE2: [chars] [chars] Grp [dec] state moving from [chars]

Explanation The router has changed state

Recommended Action No action is required.

Error Message HSRP_ENGINE-6-STATECHANGE: [chars] [chars] Grp [dec] state move to [chars]

Explanation The router has changed state

Recommended Action No action is required.

IDEHSD Messages

This section contains the IDEHSD messages.

IDEHSD-1

Error Message IDEHSD-1-MANUAL_FORMAT: logflash needs to be formatted

Explanation Logflash is not accessible; use format logflash: to format it

Recommended Action No action is required.

IDEHSD-2

Error Message IDEHSD-2-AUTO_FORMAT: logflash auto-format [chars]

Explanation Logflash auto-format event

Recommended Action No action is required.

Error Message IDEHSD-2-DISK_BUSY_FAILED: Cannot unmount [chars],

Explanation The specified disk interface is in use it can not be unmounted, The user may experience file system corruption

Recommended Action Make sure slot0 is not being used either by mounting or by any command and re-insert the disk again

Error Message IDEHSD-2-DISK_FSCK_FAIL: file system check returned error on slot [dec]

Explanation Flash filesystem may be corrupted, the flash was taken while it was being accessed

Recommended Action Reformat the external flash

Error Message IDEHSD-2-DISK_MOUNT_FAIL: disk mount unsuccessful on [chars]

Explanation Unknown flash filesystem or not cleanly unmounted

Recommended Action Use vfat flash only and make sure external slot is not being accessed then re-insert flash

Error Message IDEHSD-2-DISK_RESCAN_FAIL: disk rescan unsuccessful on [chars]

Explanation Flash filesystem was not cleanly unmounted

Recommended Action Make sure external slot is not being accessed and re-insert the flash

Error Message IDEHSD-2-DISK_UMOUNT_FAIL: disk unmount unsuccessful for [chars]

Explanation Flash filesystem is busy the system could not un-mount it

Recommended Action Make sure external slot is not being accessed and re-insert the flash

Error Message IDEHSD-2-FORK: fork failed ([chars] process)

Explanation The flash daemon failed to fork

Recommended Action No action is required.

Error Message IDEHSD-2-INTERNAL_ERROR: Internal Error [dec]

Explanation The flash daemon interface returns error

Recommended Action Restart the idehsd daemon

Error Message IDEHSD-2-MOUNT: [chars] online

Explanation Flash daemon mounting slot

Recommended Action No action is required.

Error Message IDEHSD-2-UMOUNT: [chars] offline

Explanation Flash daemon un mounting slot

Recommended Action No action is required.

Error Message IDEHSD-2-USB_SWAP: USB insertion or removal detected

Explanation USB swap event

Recommended Action No action is required.

IDEHSD-3

Error Message IDEHSD-3-DEVICEOPEN_FAILED: device open failed. Component [chars]

Explanation The flash daemon device open failed The failure is due to the sub-component [chars]

Recommended Action No action is required.

IDEHSD-5

Error Message IDEHSD-5-DISK_SWAP: [chars] [chars]

Explanation Compact flash swap event

Recommended Action No action is required.

IDEHSD-6

Error Message IDEHSD-6-DISK_BUSY: trying to un mount disk [chars]

Explanation Flash daemon trying to unmount busy slot

Recommended Action No action is required.

Error Message IDEHSD-6-DISK_EVENT: slot [dec] [chars]

Explanation Flash daemon found a disk hotswap handler event

Recommended Action No action is required.

Error Message IDEHSD-6-IDEHSD_INFO: [chars]

Explanation Flash daemon informational message

Recommended Action No action is required.

Error Message IDEHSD-6-IOCTL: ioctl: [chars] returns [dec]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message IDEHSD-6-STARTING: daemon started

Explanation The compact flash swap daemon successfully started

Recommended Action No action is required.

IDEHSD-7

Error Message IDEHSD-7-IDEHSD_TRACE: [chars] () [chars]:[dec] disk=[dec]

Explanation Flash daemon debug message to trace code path

Recommended Action No action is required.

IFTMC Messages

This section contains the IFTMC messages.

IFTMC-SLOT#-1

Error Message IFTMC-SLOT#-1-IFTMC_GENERIC_ERROR: [chars]

Explanation [chars]

Recommended Action No action is required.

IFTMC-SLOT#-2

Error Message IFTMC-SLOT#-2-ELTMC_INTERFACE_INTERNAL_ERROR: Internal error: [chars]:[chars], collect output of show tech-support eltm

Explanation IFTMC hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support eltm

Explanation IFTMC hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INTF_NOT_FOUND: Interface [chars] not found in IFTMC database [chars]

Explanation IFTMC database doesnthavetheinterface.'

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INTF_NOT_SUPP: Interface [chars] not supported by IFTMC [chars]

Explanation IFTMC doesntupporttheinterfaceforthespecifiedoperation'

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INTF_TO_LTL: Failed to get LTL for interface [chars] return status [chars]

Explanation IFTMC Failed to get LTL for interface. Packets received on this interface might not be handled correctly by the forwarding engine

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INTF_TO_SLOT: Failed to get slot for interface [chars] return status [chars]

Explanation IFTMC Failed to get Slot for interface. Port-channels and L2 Learning might be effected

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_INVALID_FTAG_NUM: IFTMC received INVALID Number of FTAGs in the message.. [chars]

Explanation IFTMC Failed: Received INVALID Ftags

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_INTF: Failed to allocate L2 LIF entries in forwarding engine for interfac [chars]

Explanation IFTMC Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_L2_LIF_ALLOC_FAIL_VDC: Failed to allocate L2 LIF entries in forwarding engine

Explanation IFTMC Failed to allocate L2 LIF entries in forwarding engine. This will effect Layer 2 and Layer 3 forwarding in this VDC

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_L3_INGRESS_LIF_ALLOC_FAIL_INTF: Failed to allocate L3 Ingress LIF entries in forwarding engine for interfac [chars]

Explanation IFTMC Failed to allocate L3 Ingress LIF entries in forwarding engine. This will effect Layer 3 forwarding for the interface

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_RSVD_VLAN: Failed to get the reserved vlans. Failed with error [chars]

Explanation IFTMC Failed to get the reserved vlans. This will effect multicast forwarding on SVI interfaces'

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-ELTMC_VLAN_INTERNAL_ERROR: Internal error: VLAN [dec]:[chars], collect output of show tech-support eltm

Explanation IFTMC hit a internal error. Collect show tech-support eltm for futher analysis.

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_BD_NULL_WARN: IFTMC BD is zero: [chars]

Explanation IFTMC BD is zero, SVI create beafore vlan create

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_FCOE_FEATURE_REQ_FAIL: FCOE feature request for interface [chars] cannot be processed

Explanation FCOE feature request cannot be processed with ILM sharing, failure status does not get returned to calling app. Possible ACLQOS verify/commit fail prior to this feature request.

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_FTAG_PROG_FAIL: Failed to program ftag list as it exceeds the platform limit [dec]

Explanation IFTM Failed to apply ftag list on an interface

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_PVLAN_XLT_FAIL: Failed to apply translation table [chars]

Explanation IFTM Failed to apply vlan tranlation table on an interface

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_RES_ALLOC_FAIL: IFTMC resource allocation failure: [chars]

Explanation IFTMC failed resource allocation

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_RES_ALLOC_WARN: IFTMC resource allocation warning: [chars]

Explanation IFTMC resource usage has exceeded a preset threshold

Recommended Action No action is required.

Error Message IFTMC-SLOT#-2-IFTMC_RSVD_VLAN: FEX_RESERVED_VLAN_ERR: [chars]

Explanation VLAN_MGR SDB call returned FAILURE for FEX

No action is required.

IKE Messages

This section contains the IKE messages.

IKE-3

Error Message IKE-3-CRYPTO_INIT_ERROR: IKEv2 crypto init error: [chars]

Explanation Crypto initialization error

Recommended Action No action is required.

Error Message IKE-3-ENABLE_ERROR: Unable to store enable flag in configuration (error-id [hex]).

Explanation Service failed to store the enable flag in configuration. As a result, it will exit

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IKE-3-FIPS_MODE_ERROR: Could not set FIPS mode

Explanation The FIPS mode could not be set by IKE

Recommended Action No action is required.

Error Message IKE-3-IKE_PROGRAM_EXIT: [chars]

Explanation IKE process did an abnormal exit

Recommended Action No action is required.

Error Message IKE-3-MAX_HALF_CONN_LIMIT_REACHED: IKEv1 : Exceeded the limit for number of half open Phase 1 connections

Explanation The number of half open connections has exceeded the maximum limit

Recommended Action No action is required.

Error Message IKE-3-PHASE1_NEGOTIATION_FAILED: IKEv1: Phase 1 negotiation failed for peer [chars]

Explanation IKE policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message IKE-3-PHASE1_PROPOSAL_MISMATCH: IKEv1: No matching phase 1 proposal found for peer [chars]

Explanation There is a IKE policy mismatch for the peer.

Recommended Action No action is required.

Error Message IKE-3-PHASE2_NEGOTIATION_FAILED: IKEv1: Phase 2 negotiation failed for peer [chars]

Explanation IPsec policy negotiation failed for peer [chars].

Recommended Action No action is required.

Error Message IKE-3-PHASE2_PROPOSAL_MISMATCH: IKEv1: No matching phase 2 proposal found for peer [chars]

Explanation There is a IPsec policy mismatch for the peer.

Recommended Action No action is required.

Error Message IKE-3-UNSUPPORTED_EXCHANGE: IKEv1: Unsupported exchange [dec] received from [chars]

Explanation A unsupported IKE exchange type [digits] was received from [chars]

Recommended Action No action is required.

IKE-4

Error Message IKE-4-INVALID_PAYLOAD_APPEAR: IKEv2 received message (from [chars]) with payload ([chars]) appeared in [chars]([chars])

Explanation Received a payload in an inappropriate exchange

Recommended Action No action is required.

Error Message IKE-4-MESSAGE_ERROR: IKEv2 message (from [chars]) message error: [chars]

Explanation Received a malformed message which does not adhere to the protocol.

Recommended Action No action is required.

Error Message IKE-4-PARSING_ERROR: IKEv2 message (from [chars]) parsing error: [chars]

Explanation Received a malformed message which can not be parsed appropriately.

Recommended Action No action is required.

Error Message IKE-4-UNKNOWN_PAYLOAD: IKEv2 received message (from [chars]) with un-recognized payload ([chars])

Explanation Received an invalid payload.

Recommended Action No action is required.

Error Message IKE-4-UNSUPPORT: [chars] is not supported (message from [chars])

Explanation Received something unsupported.

Recommended Action No action is required.

IKE-6

Error Message IKE-6-POLL_START_DONE: IKE is exiting since it is not enabled.

Explanation IKE is exiting since it is not enabled in the configuration.

Recommended Action No action is required.

ILC-SPAN Messages

This section contains the ILC-SPAN messages.

ILC-SPAN-3

Error Message ILC-SPAN-3-ERROR: [chars]

Explanation Ilc_span_mgr encountered an error.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

ILC_HELPER Messages

This section contains the ILC-HELPER messages.

ILC_HELPER-2

Error Message ILC_HELPER-2-NO_LICENSE_REBOOT: Linecard [dec] will reboot now.

Explanation SSE License has expired, hence the linecard will be rebooted.

Recommended Action Install appropriate SSE license to be able to use SSM features normally

ILC_HELPER-3

Error Message ILC_HELPER-3-INVALID_SSI: [chars]

Explanation The ssi boot variable is configured to an invalid image. So, the linecard will be brought online in basic mode instead of advanced SSI mode

Recommended Action Configure a proper image for the ssi boot variable

ILC_HELPER-6

Error Message ILC_HELPER-6-LICENSE_VALID: A valid license for linecard [dec] has been obtained

Explanation A valid license has been obtained for the SSM

Recommended Action No action is required.

Error Message ILC_HELPER-6-UPGRADE_DELAY: The SSI upgrade on slot [dec] is delayed by [dec] secs.

Explanation The SSI upgrade is delayed due to the configured ssm upgrade delay command

Recommended Action No action is required.

IMAGE_DNLD Messages

This section contains the IMAGE_DNLD messages.

IMAGE_DNLD-SLOT#-2

Error Message IMAGE_DNLD-SLOT#-2-ADDON_IMG_DNLD_FAILED: Module image download process failed. [chars]

Explanation Addon image download to module failed. This module is not operational until an addon image has been successfully installed.

Recommended Action Verify the location and version of your module image. Use the install module cli command to download a new module image.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_COMPLETE: Module image download process. [chars]

Explanation Image download completed. Module image is being installed.

Recommended Action No action is required.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_FAILED: Module image download process. [chars]

Explanation Image download failed. Module may be inoperable.

Recommended Action Use show module cli command to verify the state of this module. Retry image download with install module cli command.

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_FILE_SYSTEM_CHECK_ERROR: File System check failed: [chars]

Explanation File system consistency check failed

Recommended Action File-system repair is needed using fsck

Error Message IMAGE_DNLD-SLOT#-2-IMG_DNLD_STARTED: Module image download process. [chars]

Explanation Image download started. Module image downloads are non-disruptive to module operation.

Recommended Action No action is required.

IMAGE_DNLD-SLOT#-4

Error Message IMAGE_DNLD-SLOT#-4-IMG_DNLD_FILE_SYSTEM_RECREATION: [chars].
Partition was erased and successfully recreated.

Explanation File system checking and recreation if necessary for /images.

Recommended Action No action is required.

IMAGE_DNLD-SLOT#-5

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_COMPLETE: Addon module image
download process completed. [chars]

Explanation Addon image download to module has completed. The module should now be installing
this new image.

Recommended Action This message is informational only.

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_STARTED: Addon module image
download process started. [chars]

Explanation Addon image download to module has started. This is a disruptive download and this
module will be inoperable until this download process is complete.

Recommended Action This message is informational only.

Error Message IMAGE_DNLD-SLOT#-5-ADDON_IMG_DNLD_SUCCESSFUL: Addon module image
download and install process successful. [chars]

Explanation Addon image download and install to module is successful.

Recommended Action Use the show module cli command to verify the modulesoperationalstatus.'

IMAGE_UPGRADE Messages

This section contains the IMAGE_UPGRADE messages.

IMAGE_UPGRADE-SLOT#-2

Error Message IMAGE_UPGRADE-SLOT#-2-IMAGE_UPGRADE_ERROR: [chars]

Explanation Image Upgrade Error

Recommended Action No action is required.

IMAGE_UPGRADE-SLOT#-4

Error Message IMAGE_UPGRADE-SLOT#-4-IMAGE_UPGRADE_INFO: [chars]

Explanation Image Upgrade Info

Recommended Action No action is required.

IM Messages

This section contains the IM messages.

IM-3

Error Message IM-3-IM_IF_FEATURE_BIND_FAILURE: Interface feature bind failed [chars]

Explanation Interface feature bind failed, so applications in that feature set may not behave correctly.

Recommended Action No action is required.

Error Message IM-3-IM_LC_OFFLINE_ERROR: LC Offline could not be sent to vdc:[dec]

Explanation LC Offline was not relayed to some vdc, so applications may not behave correctly.

Recommended Action No action is required.

Error Message IM-3-IM_RESP_ERROR: Component [chars] opcode:[chars] in vdc:[dec] returned error:[chars]

Explanation Some component returned an error.

Recommended Action No action is required.

Error Message IM-3-IM_SEQ_ERROR: Error ([chars]) while communicating with component [chars] opcode:[chars] (for:[chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action No action is required.

IM-5

Error Message IM-5-IM_DEMUX_ERROR: [chars]

Explanation Demux function returned error

Recommended Action No action is required.

Error Message IM-5-IM_INTERNAL_ERROR: [chars]

Explanation Internal error occurred

Recommended Action No action is required.

Error Message IM-5-IM_INTF_STATE: [chars] [chars] in vdc [dec]

Explanation Management interface state changed.

Recommended Action No action is required.

Error Message IM-5-IM_UNKNOWN_INTERFACE: [chars]

Explanation Interface is not supported or not found

Recommended Action No action is required.

INSTALLER Messages

This section contains the INSTALLER messages.

INSTALLER-1

Error Message INSTALLER-1-UPGRADE_EXCEEDED_DOWNTIME: Switch control plane down more than 80 seconds.

Explanation This message indicates that control plane was down for more than 80 seconds.

Recommended Action No action is required.

INSTALLER-5

Error Message INSTALLER-5-UPGRADE_ABORTED: System upgrade aborted.

Explanation This message indicates that system wide upgrade has aborted.

Recommended Action No action is required.

Error Message INSTALLER-5-UPGRADE_COMPLETED: System upgrade completed.

Explanation This message indicates system wide upgrade has completed.

Recommended Action No action is required.

Error Message INSTALLER-5-UPGRADE_INITIATED: System upgrade initiated.

Explanation System wide upgrade has been initiated by the user.

Recommended Action No action is required.

Error Message INSTALLER-5-UPGRADE_STOPPED: System upgrade stopped.

Explanation This message indicates that system wide upgrade has been stopped by the user.

Recommended Action No action is required.

INTERFACE_VLAN Messages

This section contains the INTERFACE_VLAN messages.

INTERFACE_VLAN-4

Error Message INTERFACE_VLAN-4-SVI_IF_CONFIG_DELETED_NOTIF_DELAYED_DROPPED:
Interface VLAN Delete Notification Not Processed on Time by SAP [dec] ([chars])

Explanation This SAP took long time in processing Interface VLAN delete notification and caused timeout

Recommended Action No action is required.

Error Message INTERFACE_VLAN-4-SVI_IF_CONFIG_REMOVED_NOTIF_DELAYED_DROPPED:
Interface VLAN Remove Notification Not Processed on Time by SAP [dec] ([chars])

Explanation This SAP took long time in processing Interface VLAN remove notification and caused timeout

Recommended Action No action is required.

Error Message INTERFACE_VLAN-4-SVI_VLAN_DOES_NOT_EXIST: Vlan [dec] does not exist

Explanation Vlan not created before assignment

Recommended Action Interface-vlan

Error Message INTERFACE_VLAN-4-SVI_WARN_SVI_UP_IN_NON_ROUTABLE_VDC: Interface VLAN [dec] is being kept up in non-routable VDC. Reason: management configuration enabled. Please disable all the routing protocols

Explanation Keeping Interface VLAN up in non-routable VDC may cause potential traffic blackhole

Recommended Action No action is required.

INTERFACE_VLAN-5

Error Message INTERFACE_VLAN-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down(Administratively Down)

Explanation Interface has been configured to be administratively down

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-IF_DOWN_ERROR_DISABLED: Interface [chars] is down. Reason [dec]

Explanation The interface encountered an error while configuring it

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation Interface VLAN has been suspended or deleted

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_DISABLED: SVI Disabled

Explanation SVI Service Disabled

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_ENABLED: SVI Enabled

Explanation SVI Service Enabled

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_GET_MAC_FAILED: Failed to acquire MAC address for SVI [hex]

Explanation SVI failed to acquire MAC address

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_INIT: SVI initialization failed with error [hex]

Explanation SVI initialization error

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_IOD_RELEASE_ERROR_RESPONSE: IM failed to release SVI IOD error [hex]

Explanation IM failed to release SVI IOD

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_MTS_SEND_FAILURE: MTS send failure for opcode [dec], error [hex]

Explanation SVI encountered an error in with MTS message

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_MTS_TIME_OUT: MTS send timed out

Explanation SVI did not receive response for mts message

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_RSRVD_VLAN_FAILED: Failed to get list of reserved vlans [hex]

Explanation SVI failed to get the list reserved vlans

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

Explanation SDB updated failed for SVI

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-SVI_SEC_VLAN_FAILED: Failed to get list of secondary vlans [hex]

Explanation SVI failed to get the list of secondary vlans

Recommended Action No action is required.

Error Message INTERFACE_VLAN-5-UPDOWN: Line Protocol on Interface [chars], changed state to [chars]

Explanation Line protocol status changed for an interface

Recommended Action No action is required.

IOA_LC Messages

This section contains the IOA_LC messages.

IOA_LC-5

Error Message IOA_LC-5-IOA_DISABLED: IOA Disabled

Explanation IOA Service Disabled

Recommended Action No action is required.

Error Message IOA_LC-5-IOA_ENABLED: IOA Enabled

Explanation IOA Service nabled

Recommended Action No action is required.

IPACL Messages

This section contains the IPACL messages.

IPACL-0

Error Message IPACL-0-EMERG: [chars]

Explanation Ipacl caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-1

Error Message IPACL-1-ALERT: [chars]

Explanation Ipacl caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-2

Error Message IPACL-2-CRIT: [chars]

Explanation Ipacl encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-3

Error Message IPACL-3-ERR: [chars]

Explanation Ipacl encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPACL-4

Error Message IPACL-4-WARN: [chars]

Explanation Ipacl ignored the unexpected condition

Recommended Action Please perform debug ipacl all, then recreate the operations scenario, to find out more details.'

IPACL-5

Error Message IPACL-5-NOTE: [chars]

Explanation Ipacl does not support this operation

Recommended Action Please perform debug ipacl all, then recreate the operations scenario, to find out more details.'

IPACL-6

Error Message IPACL-6-INFO: [chars]

Explanation Ipacl event occurred

Recommended Action No action is required.

IPFC Messages

This section contains the IPFC messages.

IPFC-2

Error Message IPFC-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IPFC-3

Error Message IPFC-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message IPFC-3-IOCTL_FAILED: IOCTL failed

Explanation An IOCTL to the character device failed.

Recommended Action Show IPFC internal interface VSAN <number

Error Message IPFC-3-PSSERROR: [chars]

Explanation IPFC manager encountered a PSS error.

Recommended Action No action is required.

IPFC-5

Error Message IPFC-5-CONFIG_EVENT: VSAN interface [dec] [chars]

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message IPFC-5-STATE_CHANGE: VSAN interface [dec] [chars]

Explanation The specified VSAN Interface is [chars].

Recommended Action No action is required.

IPFC-6

Error Message IPFC-6-STARTING: IP Over Fiber Channel service started

Explanation The service has successfully started.

Recommended Action No action is required.

IPQOSMGR Messages

This section contains the IPQOSMGR messages.

IPQOSMGR-2

Error Message IPQOSMGR-2-QOSMGR_DCBXP_PFC_CMP_FAIL_MSG: [chars] - qos config [chars] not compatible with the peer

Explanation Port_id [chars] has qos config [chars] which is incompatible with the peer.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_HA_FAILURE: Failed to do high availability operation: [chars].

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_INIT_FAILED: Initialization failed for QoS Manager: [chars], reason: [hex].

Explanation Initialization failed for QoS Manager due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_MTS_FAILURE: Failed to do MTS operation: [chars].

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_NETWORK_QOS_POLICY_CHANGE: Policy [chars] is now active

Explanation [chars] is the new active network-qos policy

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-2-QOSMGR_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

IPQOSMGR-3

Error Message IPQOSMGR-3-QOSMGR_CONFIG_ERROR: Configuration error: [chars].

Explanation Configuration error. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-3-QOSMGR_NVDC_PFF_ERROR: PPF verify/commit failed in vdc [dec] error: [hex] for global qos command

Explanation For global qos command, PPF verify/commit failed in vdc [dec] with reason [hex].

Recommended Action No action is required.

Error Message IPQOSMGR-3-QOSMGR_PFF_ERROR: PPF library error: [chars].

Explanation PPF library errors. [chars] is the reason.

Recommended Action No action is required.

IPQOSMGR-4

Error Message IPQOSMGR-4-QOSMGR_LC_ERROR_MSG: Linecard [dec] returned an error: [chars]

Explanation Linecard [dec] returned an error message which is reported as [chars].

Recommended Action No action is required.

Error Message IPQOSMGR-4-QOSMGR_POLICIES_PRESENT_ON_DELETED_VLANS: Some VLANs (id: [chars]) which are getting deleted now are still having qos service-policy attached. These policies will be effective only when the VLANs get created again.

Explanation VLAN(s) [chars] is(are) getting deleted now. This is an informational message to notify that qos service-policies are present when the vlan is deleted. If the service-policies are not needed, please detach them from the vlans

Recommended Action No action is required.

Error Message IPQOSMGR-4-QOSMGR_PPF_WARNING: PPF library warning: [chars].

Explanation PPF library warning. [chars] is the reason.

Recommended Action No action is required.

Error Message IPQOSMGR-4-QOSMGR_WARNING_MSG: [chars] [dec]

Explanation QOSMGR warning messages is reported as [chars] [dec].

Recommended Action No action is required.

IPQOSMGR-6

Error Message IPQOSMGR-6-QOSMGR_DCBXP_CMP_FAIL_MSG: [chars] - qos config [chars] not compatible with the peer

Explanation Dcbxp warning: Port_id [chars] has qos config [chars] which is incompatible with the peer.

Recommended Action No action is required.

Error Message IPQOSMGR-6-QOSMGR_STATUS: QOSMGR Status: [chars].

Explanation QOSMGR status is reported as [chars].

Recommended Action No action is required.

IPSEC Messages

This section contains the IPSEC messages.

IPSEC-2

Error Message IPSEC-2-IPSEC_INIT: IPsec initialization of [chars] [chars]

Explanation IPsec initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPSEC-2-IPSEC_SPD_OVERFLOW_DUE_TO_ACL: SPD Overflow on interface due to IP ACL [chars] bound to crypto map [chars] [dec]

Explanation Modifying IP ACL caused Security Policy Database on the interface to overflow, IP ACL filter not applied to security policy database

Recommended Action Undo IP ACL change

IPSEC-3

Error Message IPSEC-3-14_2_MODULE_PACKETS_DROPPED: [chars]: packets were dropped in the module

Explanation Packets dropped in the 14/2 module. Please collect drop statistics using show ipsec internal crypto-acc interface gigabit <slot/port

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPSEC-3-IPSEC_FIPS_TEST_FAILED: IPSEC FIPS compliance test failed

Explanation IPSEC FIPS compliance test failed

Recommended Action No action is required.

Error Message IPSEC-3-IPSEC_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

IPSEC-5

Error Message IPSEC-5-IPSEC_CMS_IF_ACL_UPDATED: IP ACL [chars] updated while Crypto map [chars] [dec] bound to interface(s)

Explanation IP ACL updated while it is mapped to a crypto map that is bound to interface(s)

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_DISABLED_LIC_EXPIRED: IPsec Disabled due to License Expiry

Explanation IPsec Disabled due to License Expiry

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_DISABLED: IPsec Disabled

Explanation IPsec Disabled

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_ENABLED: IPsec Enabled

Explanation IPsec Enabled

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_CREATED: [chars]: IPsec SA created: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation IPsec SA created

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_DELETED: [chars]: IPsec SA deleted: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex]), reason: [chars]

Explanation IPsec SA deleted

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_SA_REKEYED: [chars]: IPsec SA rekeyed: local_ip: [chars], peer_ip: [chars], [chars] SPI: [dec] ([hex])

Explanation IPsec SA rekeyed

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_TUNNEL_CREATED: [chars]: IPsec tunnel created:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], port: [chars], remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel created

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_TUNNEL_DELETED: [chars]: IPsec tunnel deleted:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars], traffic::
local: [chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel deleted

Recommended Action No action is required.

Error Message IPSEC-5-IPSEC_TUNNEL_REKEYED: [chars]: IPsec tunnel rekeyed:
local_ip: [chars], peer_ip: [chars], id: [dec], protocol: [chars] traffic:: local:
[chars]/[chars], ports: [chars] remote: [chars]/[chars], ports: [chars]

Explanation IPsec tunnel rekeyed

Recommended Action No action is required.

IPS_SB_MGR Messages

This section contains the IP_SB_MGR messages.

IPS_SB_MGR-SLOT#-2

Error Message IPS_SB_MGR-SLOT#-2-NODE_CORE_NOT_RESPONDING: [Node [dec], Core [dec]]: Not responding to heartbeats, state=[hex]

Explanation Node is not incrementing heartbeats periodically

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-NODE_NOT_RESPONDING: [Node [dec], Core [dec]] :
Not responding to heartbeats

Explanation Node manager is not receiving heartbeat responses from the node

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-NODE_REIMAGE_PREPARE_FAIL: [Node [dec]]: Disk formatting failed during node install

Explanation There was a problem during the partitioning of disk and creation of file systems during node install.

Recommended Action Potential node software issue. Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-2-PORT_SOFTWARE_FAILURE: Port software failure, module [dec] port [dec]

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-3

Error Message IPS_SB_MGR-SLOT#-3-COMP_FAILURE: Heartbeat failure in compression engine (error [hex])

Explanation The compression engine did not respond to heartbeats, due to some failure. SAN-OS will restart the compression engine to clear the problem.

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-3-CRYPTO_FAILURE: Heartbeat failure in encryption engine (error [hex])

Explanation The encryption engine did not respond to heartbeats, due to some failure. SAN-OS will restart the encryption engine to clear the problem.

Recommended Action No action is required.

Error Message IPS_SB_MGR-SLOT#-3-FIPS_SELF_TEST_FAILURE: [chars] Restarting the octeon...

Explanation FIPS self test failed for the algorithm. Restarting the octeon.

Recommended Action No action is required.

IPS_SB_MGR-SLOT#-4

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_ADD_ON: svc-node[dec] image is not compatible with svclc image

Explanation The svc image on the node is not compatible with the add on image running on the linecard.

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_CURRENT: svc-node[dec] image is not compatible with current node image

Explanation The new svc image is not compatible with the svc image currently running on the node

Recommended Action Please contact your support representative

Error Message IPS_SB_MGR-SLOT#-4-NODE_NOT_COMPAT_WITH_SUP: svc-node[dec] image is not compatible with system image

Explanation The svc image on the node is not compatible with the supervisor image.

Recommended Action Please contact your support representative

IPS_SB_MGR-SLOT#-6

Error Message IPS_SB_MGR-SLOT#-6-SBMGR_EVENT: Sbmgr event: [chars]

Explanation This is an event log of sb_mgr relating to a port/node

Recommended Action No action is required.

IPS Messages

This section contains the IPS messages.

IPS-2

Error Message IPS-2-ISCSI_IPS_INIT: IPS initialization of [chars] [chars]

Explanation IPS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPS-3

Error Message IPS-3-DUP_IPV4_ADDR_DETECTED: duplicate IP address ([chars]) sent from link address ([chars])

Explanation Duplicate IPv4 address is configured in the network

Recommended Action No action is required.

Error Message IPS-3-FCIP_FTA_ACCEL_CHAIN_ABORTED: Exch Aborted FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] (Internal [hex]:[hex])

Explanation FTA Exch being aborted

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_DATA_SENSE: Sense data with ERA [hex] sent to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Sense data with ERA sent

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message IPS-3-FCIP_FTA_ERA_35: ERA 0x35 presented to CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP got an ERA 35

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message IPS-3-FCIP_FTA_ERA_38: ERA 0x38 received CH FCID: [hex] CHI: [hex] from FCIP CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] at tape capacity: [dec] MB

Explanation FCIP got an ERA 38

Recommended Action SYSLOGDOC_CONTACT_TAC

Error Message IPS-3-FCIP_FTA_LOCATE_RBID_MISMATCH: Permanent Error due to Locate RBID Mismatch, CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_PERM_ERR: Permanent Error, ERA [hex] rcvd CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] sense_byte[2,6]: [[hex], [hex]]

Explanation FCIP-FTA got a Permanent Error

Recommended Action Informational no action required

Error Message IPS-3-FCIP_FTA_RETRY_ERROR: [chars] retries [dec] FC oxid [hex] My oxid [hex] State [chars] Event [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FTA Command timed out

Recommended Action Informational no action required

Error Message IPS-3-FCIP_LINK_STAT_LOSS_OF_SYNC: [chars]: Loss of Sync ([chars])

Explanation FCIP Link Failed with Loss of Sync.

Recommended Action No action is required.

Error Message IPS-3-IPS_CRYPTOFIPS_FAILED: IPS module [dec] has failed FIPS tests. FIPS info - [chars]

Explanation FIPS error occurred in the IPS module.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-IPS_EGRESS_PERR: Parity error on dma-bridge egress. Count: [dec]

Explanation Parity error occurred in dma-bridge egress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-IPS_FIPS_MODE_ERROR: IPS FIPS error: [chars]

Explanation IPS module FIPS mode error

Recommended Action No action is required.

Error Message IPS-3-IPS_FIPS_TEST_FAILED: IPS FIPS compliance test failed

Explanation IPS FIPS compliance test failed

Recommended Action No action is required.

Error Message IPS-3-IPS_INGRESS_PERR: Parity error on dma-bridge ingress. Count: [dec]

Explanation Parity error occurred in dma-bridge ingress direction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_COMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while committing the cfs config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_CONFIG_FAILED: [chars]; [chars]

Explanation An error occurred while distributing the CFS config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_ACTIVATION_FAILED: [chars]; [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_CLEARED: [chars]

Explanation Merge cleared, reason: [chars]

Recommended Action No action is required.

Error Message IPS-3-ISLB_CFS_MERGE_COMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while committing the cfs merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_CONFIG_FAILED: [chars]; [chars]

Explanation An error occurred while distributing the CFS merge config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_FAILED: [chars]; [chars]

Explanation An error occurred while merging the iSLB CFS fabrics. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommitting merge data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_MERGE_REQ_REJECTED: [chars]

Explanation Merge requested rejected, reason: [chars]

Recommended Action No action is required.

Error Message IPS-3-ISLB_CFS_MERGING_CONFIG_DB_FAILED: [chars]; [chars]

Explanation An error occurred while merging the config data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PRECOMMIT_FAILED: [chars]; [chars]

Explanation An error occurred while precommitting data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_CLAIM_FAILED: [chars]

Explanation PWWN reservation claim failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_PWWN_RESV_RELEASE_FAILED: [chars]

Explanation PWWN reservation release failed. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the CFS lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_CFS_VRRP_DIST_FAILED: [chars]

Explanation An error occurred while distributing the VRRP CFS runtime data. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_ZONE_ACTIVATION_FAILED: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IPS-3-ISLB_ZONE_ACTIVATION_RETRY: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed. Zone server busy.

Recommended Action Retry the iSLB zonest activation.

Error Message IPS-3-ISLB_ZONE_NO_ACTIVE_ZONESET: iSLB zoneset activation returned [hex] for VSAN [dec]

Explanation ISLB zoneset activation failed. No active zoneset.

Recommended Action Activate a zoneset in the specified VSAN and retry

Error Message IPS-3-RED_PACKET_DROPS: Congestion detected on GigabitEthernet port (buffer pool size: [dec])

Explanation Congestion detected on GigabitEthernet port due to RED threshold limit

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IPS-4

Error Message IPS-4-FCIP_FTA_CFG_MISMATCH: [chars]: Mismatch in FCIP Ficon Tape Acceleration configuration with peer

Explanation The FCIP Ficon Tape Acceleration configuration does not match with peersconfiguration'

Recommended Action Fix the FCIP Ficon Tape Acceleration configuration to be consistent with the peer

Error Message IPS-4-FCIP_FTA_VSAN_UPDATE_WARNING: FCIP FICON tape acceleration VSAN update had an error ([chars]) on interface [chars] causing a flap of the interface

Explanation The FCIP FICON tape acceleration VSAN configuration experienced an error when disabling and enabling the VSAN over the FCIP tunnel. The FCIP tunnel was disabled and re-enabled as a result of this error to ensure data integrity.

Recommended Action No action is required.

Error Message IPS-4-FCIP_LICENSE_BIND_FAILED: Bind failed for [chars] due to [chars] for license failure; configuration accepted but bind failed

Explanation The FCIP configuration was accepted, but the FCIP interface did not bind to a physical interface because the appropriate license was not available. If a license becomes available in the future, this FCIP interface will bind to a physical interface automatically.

Recommended Action Check the license state with "show license usage" and acquire the necessary FCIP license

Error Message IPS-4-FCIP_XRCE_LICENSE_FAILED: XRC Acceleration deactivated due to license failure

Explanation The XRC Acceleration configuration was accepted, but will remain inactive until a valid license is available. When the appropriate license is installed, XRC acceleration will be activated.

Recommended Action Check the license state with "show license usage" and acquire the necessary XRC_ACCL license

Error Message IPS-4-FCIP_XRCE_LICENSE_INSTALLED: XRC Acceleration activated due to valid license

Explanation The XRC Acceleration configuration is activated as a valid license has been installed.

Recommended Action No action is required.

IPS-5

Error Message IPS-5-FCIP_BIND_FAILED: Bind failed for [chars] due to [chars] for [chars]

Explanation FCIP/ISCSI Interface bind to Ethernet port failed

Recommended Action No action is required.

Error Message IPS-5-FCIP_BPORT_KEEPAIVES_NOT_SUPPORTED: Bport Keepalives not supported for FCIP [chars]

Explanation Bport Keepalives not supported in this release

Recommended Action Informational no action required

Error Message IPS-5-FCIP_BPORT_NOT_SUPPORTED: Bport not supported for FCIP [chars]

Explanation Bport not supported in this release

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_OFF: FTA Already Off, [chars] VSAN: [dec]

Explanation FTA Already Off

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_ALREADY_ON: FTA Already ON, [chars] VSAN: [dec]

Explanation FTA Already ON

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_DOWN: FTA [chars] is DOWN

Explanation FTA is DOWN

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_CB_UP: FTA [chars], is UP

Explanation FTA is UP

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_DISBAND_GRP_CMD: Disband Group message processed
PGID: [chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN:
[dec]

Explanation FCIP Disbanded a Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_EST_GRP_CMD: Path Group established for PGID: [chars]
CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP established a Path Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS1: RSCN Cleanup Pass1
[chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation Doing RSCN Cleanup, Pass 1

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_NPORT_PATH_RSCN_CLNUP_PASS2: RSCN Cleanup Pass2
[chars] FCID1: [hex] FCID2: [hex] VSAN: [dec]

Explanation Doing RSCN Cleanup, Pass 2

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESIGN_GRP_CMD: Resign group processed for PGID:
[chars] CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP Resigned a Group

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_3490: 3490 device discovered by FCIP CH FCID:
[hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Device type discovered is 3490

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_3590: 3590 device discovered by FCIP CH FCID:
[hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation Device type discovered is 3590

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_RESP_NOT_TAPE: Non-tape device discovered by FCIP CH
FCID: [hex] CHI: [hex] device at CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP discovered a non-tape device

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_TURN_OFF_LAST_VSAN: FTA turned off for the Last VSAN,
[chars] VSAN: [dec]

Explanation FTA turned off for the Last Vsan

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_TURN_OFF_NONLAST_VSAN: FTA turned off for the
Non-Last VSAN, [chars] VSAN: [dec]

Explanation FTA turned off for the Non-Last Vsan

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_TURN_ON: Turn ON FTA, [chars] VSAN: [dec]

Explanation FTA turned ON

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTA_WARNING: FTA Warning :[chars]

Explanation Generic FTA Warning

Recommended Action Informational no action required

Error Message IPS-5-FCIP_FTRA_CFG_MISMATCH: [chars]: Mismatch in FCIP FICON Tape Read Accelerator configuration with peer

Explanation The FCIP FICON Tape Read Accelerator configuration does not match with peersconfiguration'

Recommended Action Fix the FCIP FICON Tape Read Accelerator configuration to be consistent with the peer

Error Message IPS-5-FCIP_IF_CR_DEL: Interface [chars] [chars]

Explanation FCIP Interface was Created or Deleted

Recommended Action No action is required.

Error Message IPS-5-FCIP_MODE1_CHANGED_TO_MODE2: Changing mode1 compression to mode2 for [chars], on a MSM/SSN-16 linecard

Explanation Change mode1 compression to mode2 on a MSM/SSN-16 linecard

Recommended Action Informational no action required

Error Message IPS-5-FCIP_NUM_TCP_CONNS_MISMATCH: [chars]: configured for 2 tcp connections but currently operating with 1 connection

Explanation Number of configured tcp connections dontmatchnumberofconnectionscurrentlyup'

Recommended Action No action is required.

Error Message IPS-5-FCIP_PEER_CAVIUM: Peer FCIP [chars] is a MSM/SSN-16 linecard

Explanation Peer linecard is a MSM/SSN-16

Recommended Action Informational no action required

Error Message IPS-5-FCIP_PEER_NON_CAVIUM: Peer FCIP [chars] is a non MSM/SSN-16 linecard

Explanation Peer linecard is non MSM/SSN-16

Recommended Action Informational no action required

Error Message IPS-5-FCIP_RA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Read Acceleration capability with peer

Explanation The FCIP Tape Read Acceleration capability does not match with peersconfiguration'

Recommended Action Fix the FCIP Tape Read Acceleration capability to be consistent with the peer

Error Message IPS-5-FCIP_SF_NOT_SUPPORTED: Special-Frame not supported for FCIP [chars]

Explanation Spl-Frame not supported in this release

Recommended Action Informational no action required

Error Message IPS-5-FCIP_TA_CFG_MISMATCH: [chars]: Mismatch in FCIP Tape Acceleration configuration with peer

Explanation The FCIP Tape Acceleration configuration does not match with peersconfiguration'

Recommended Action Fix the FCIP Tape Acceleration configuration to be consistent with the peer

Error Message IPS-5-FCIP_TA_ITL_MISMATCH: [chars]: Mismatch in FCIP Write/Tape Acceleration software capability with peer

Explanation The FCIP Write/Tape Acceleration software capability does not match with peerssoftwarecapability'

Recommended Action Fix the FCIP software to be consistent with the peer

Error Message IPS-5-FCIP_TSTAMP_CHK_FAILED: [chars]: Timestamp check failed on ingressing frames

Explanation Timestamp between local and remote side exceeds the configured tolerance

Recommended Action No action is required.

Error Message IPS-5-FCIP_UNBIND_FAILED: UNBIND failed for [chars] due to [chars] for [chars]

Explanation FCIP/ISCSI Interface UNBIND from Ethernet port failed

Recommended Action No action is required.

Error Message IPS-5-FCIP_WA_CFG_MISMATCH: [chars]: Mismatch in FCIP Write Acceleration configuration with peer

Explanation The FCIP Write Acceleration configuration does not match with peersconfiguration'

Recommended Action Fix the FCIP Write Acceleration configuration to be consistent with the peer

Error Message IPS-5-FCIP_WA_XFER_RDY_ERR: [chars]: FCIP Write Acceleration received XFER-RDY after exhcnage cleanup. Host [hex] Target [hex]

Explanation FCIP Write/Tape Acceleration received XFER-RDY after exchange cleanup

Recommended Action No action is required.

Error Message IPS-5-FCIP_XRCE_CFG_MISMATCH: [chars]: Mismatch in FCIP XRC Emulator configuration with peer

Explanation The FCIP XRC Emulator configuration does not match with peersconfiguration'

Recommended Action Fix the FCIP XRC Emulator configuration to be consistent with the peer

Error Message IPS-5-IPS_IPACL_LOG_MSG: [chars]

Explanation Details of the packet dropped due to ACLs

Recommended Action No action is required.

Error Message IPS-5-IPS_MGR_FEATURE_ENABLE: ips:[dec] iscsi:[dec] fcip:[dec] iscsi-intf-vsan:[dec] ips-lc:[dec]

Explanation IPS Manager feature enabled/disabled

Recommended Action No action is required.

Error Message IPS-5-IPS_TCP_PORT_IN_USE: Cannot bringup interface [chars], local port already in use

Explanation FCIP and iSCSI interface are trying to use the same local port, please use different ports

Recommended Action No action is required.

Error Message IPS-5-ISCSI_BAD_DATA_DIGEST_CRC: iSCSI ingress data digest error from initiator [chars] alias [chars] S_ID [hex] to D_ID [hex]

Explanation iSCSI Ingress Data Digest CRC failed

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_DOWN_BATCH: [chars]: [dec] iSCSI sessions failed in last [chars], reason: [chars]

Explanation Number of iSCSI session down during the last time interval

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_DOWN: [chars]: iSCSI session down from initiator [chars] alias [chars] ip [chars] to target [chars], reason: [chars]

Explanation iSCSI session goes down

Recommended Action No action is required.

Error Message IPS-5-ISCSI_CONN_UP: [chars]: iSCSI session up from initiator [chars] alias [chars] ip [chars] to target [chars]

Explanation iSCSI session comes up and reaches Full-Feature phase

Recommended Action No action is required.

Error Message IPS-5-ISCSI_PORT_FAILOVER: [chars]: iSCSI initiator [chars] alias [chars] ip [chars] target [chars]. FC session failed over to port [chars]

Explanation FC session for the iSCSI session failed over to newly active port

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SB_GET_TGT: iSCSI SB get [dec] targets, initiator [chars] alias [chars] ip [chars]

Explanation iSCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_CREATE_FAILURE: [chars]: iSCSI Session initiator [chars] target [chars] create failed. [chars]

Explanation iSCSI Session Create failed

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_CREATE_REDIRECT: [chars]: iSCSI Session initiator [chars] target [chars] redirected to [chars]/[chars]

Explanation iSCSI Session Create redirected

Recommended Action No action is required.

Error Message IPS-5-ISCSI_SESSION_REDIRECT_TIMEOUT: iSCSI Session initiator [chars] to [chars] redirected to [chars] timeout

Explanation iSCSI Session Redirect timeout

Recommended Action No action is required.

Error Message IPS-5-ISLB_CFS_SESSION_CLEARED: CFS Session Cleared

Explanation CFS Session Cleared by user

Recommended Action No action is required.

Error Message IPS-5-LRTP_HDR_FCID_MISMATCH: LRTP header s_id([hex]) d_id([hex]) do not match Inner header s_id([hex]) d_id([hex]) Initiator ([chars]) Target([chars])

Explanation The s_id and/or the d_id field in the framesLRTPheaderdoesnotmatchthes_idord_idfieldintheinnerheader'

Recommended Action No action is required.

Error Message IPS-5-PORT_IPCFG_FAILED: Cannot configure IP address for interface [chars]

Explanation Cannot configure IPS port IP address

Recommended Action No action is required.

Error Message IPS-5-SB_MGR_CORE_FAILED: Ethernet Processing core [chars] failed due to [chars]

Explanation Ethernet Processing Core failed

Recommended Action No action is required.

Error Message IPS-5-SFRAME_ENTITY_ID_MISMATCH: [chars]: special frame profile ID mismatch

Explanation Special frame received and destination profile ID does not match local profile ID

Recommended Action No action is required.

Error Message IPS-5-SFRAME_FABRIC_WWN_MISMATCH: [chars]: special frame fabric wwn mismatch

Explanation Special frame received and source/destination fabric wwn does not match local destination/ source fabric wwn

Recommended Action No action is required.

Error Message IPS-5-SFRAME_IF_ADMIN_DOWN: [chars]: special frame received if down

Explanation Special frame received and interface is admin down

Recommended Action No action is required.

Error Message IPS-5-SFRAME_IF_NOT_ENABLED: [chars]: special frame not enabled

Explanation Special frame received and interface special frame configuration is disabled

Recommended Action No action is required.

Error Message IPS-5-SFRAME_INVALID_NONCE: [chars]: special frame response has invalid nonce for FCIP

Explanation Special frame response has a different nonce than was originally sent in the special frame

Recommended Action No action is required.

Error Message IPS-5-SFRAME_NOT_RECV: [chars]: special frame was not received by passive-side FCIP

Explanation Special frame was not received by the passive-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

Error Message IPS-5-SFRAME_RESP_MISMATCH: [chars]: special frame response has byte mismatch for FCIP

Explanation Special frame response has a mismatch in one of the bytes from what was sent from the FCIP special frame sender

Recommended Action No action is required.

Error Message IPS-5-SFRAME_RESP_NOT_RECV: [chars]: special frame response was not received by active-side FCIP

Explanation Special frame response was not received by the active-side of the FCIP TCP tunnel within given time period

Recommended Action No action is required.

IPS-6

Error Message IPS-6-FCIP_FTA_READ_ACCEL_STARTED: Read Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA Read Acceleration started

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_READ_ACCEL_STOPPED: Read Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB reads

Explanation FCIP-FTA Read Acceleration stopped

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_WRITE_ACCEL_STARTED: Write Acceleration started for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec]

Explanation FCIP-FTA Write Acceleration started

Recommended Action Informational no action required

Error Message IPS-6-FCIP_FTA_WRITE_ACCEL_STOPPED: Write Acceleration stopped for CH FCID: [hex] CHI: [hex] CU FCID [hex] CUI: [hex] DA [hex] VSAN: [dec] due to [chars] after [dec] MB writes

Explanation FCIP-FTA Write Acceleration stopped

Recommended Action Informational no action required

IPS-7

Error Message IPS-7-ISCSI_FCNS_QUERY_REQ: return [hex], wait [dec], VSAN [dec], Init: [chars]

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message IPS-7-ISCSI_FCNS_QUERY_RESP: result [hex], [dec] targets, wait [dec], Init: [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_REQ: return [hex], VSANs [chars], Init: [chars]

Explanation ISCSI FCNS query

Recommended Action No action is required.

Error Message IPS-7-ISCSI_NEW_FCNS_QUERY_RESP: result [hex], [dec] entries, [dec] targets, [dec] total targets Init: [chars]

Explanation ISCSI FCNS query response

Recommended Action No action is required.

Error Message IPS-7-ISNS_SVR_ERR_RESPONSE: iSNS server returned following error code on iSNS request for interface [chars] : [dec]

Explanation iSNS server returned an error for register/deregister request. For select error codes iSNS client would retry and re-register all target nodes corresponding to the interface

Recommended Action No action is required.

IPV6 Messages

This section contains the IPV6 messages.

IPV6-2

Error Message IPV6-2-ALLOC_MEMORY: Memory allocation failed

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IPV6-3

Error Message IPV6-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action Ipv6

Error Message IPV6-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

IPV6-4

Error Message IPV6-4-DAD_FAILED_EVENT: Duplicate address detection failed for [chars] on [chars]

Explanation Duplicate address detection for IP address failed.

Recommended Action Ipv6

IPV6-6

Error Message IPV6-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message IPV6-6-INTERFACE_DELETED: The interface [chars] has been deleted

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message IPV6-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message IPV6-6-ROUTE_NOT_ACTIVE: The [chars] is not active

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message IPV6-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

IP Messages

This section contains the IP messages.

IP-1

Error Message IP-1-DHCP_CLIENT_FAILED: dhcp-client failed to get the ip address

Explanation Dhcp-client failed to get the ip from server, probably due to server lease unavailability or cable disconnectivity.

Recommended Action Ip

IP-2

Error Message IP-2-ALLOC_MEMORY: Memory allocation failed

Explanation The IP Configuration Manager failed to allocate a block of dynamic memory.

Recommended Action No action is required.

IP-3

Error Message IP-3-FILE_WRITE_FAILED: Writing to file [chars] failed - error: [chars]

Explanation Writing to a file failed probably due to no space.

Recommended Action Ip

Error Message IP-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

IP-4

Error Message IP-4-DAD_FAILED_EVENT: Duplicate address detected for [chars] on [chars]

Explanation Duplicate address detected for IP address.

Recommended Action Ip

IP-6

Error Message IP-6-CONFIG_EVENT: IP Configuration Msg: [chars]

Explanation Configuration message that needs to be logged.

Recommended Action No action is required.

Error Message IP-6-DHCP_CLIENT_SUCCESS: dhcp_client got ip address:[chars],netmask:[chars] for mgmt interface,got from server:[chars]

Explanation Dhcp-client is able to get the ip address from server,

Recommended Action No action is required.

Error Message IP-6-INTERFACE_DELETED: The interface [chars] has been deleted

Explanation The specified interface has been deleted. The service will delete all the configuration on that interface.

Recommended Action No action is required.

Error Message IP-6-INTERFACE_EVENT: IP address [chars] [chars] on interface [chars]

Explanation The IP address [chars] has been successfully [chars] on the interface [chars].

Recommended Action No action is required.

Error Message IP-6-ROUTE_NOT_ACTIVE: The [chars] is not active

Explanation The specified route is successfully configured but currently is not active.

Recommended Action Check that the route is correct and the outgoing interface is operationally up.

Error Message IP-6-STARTING: IP configuration Manager started

Explanation The IP Configuration Manager service has successfully started.

Recommended Action No action is required.

ISAPI Messages

This section contains the ISAPI messages.

ISAPI-SLOT#-0

Error Message ISAPI-SLOT#-0-INVISTA_EMERG: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-MSM_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-NSP_EMERG: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-SSM_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-0-SSN_EMERG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-1

Error Message ISAPI-SLOT#-1-INVISTA_ALERT: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-MSM_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-NSP_ALERT: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-SSM_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-1-SSN_ALERT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-2

Error Message ISAPI-SLOT#-2-INVISTA_CRIT: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-MSM_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-NSP_CRIT: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-SSM_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-2-SSN_CRIT: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-3

Error Message ISAPI-SLOT#-3-INVISTA_ERROR: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-MSM_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-NSP_ERROR: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-SSM_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-3-SSN_ERROR: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-4

Error Message ISAPI-SLOT#-4-INVISTA_WARN: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-MSM_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-NSP_WARN: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSM_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-4-SSN_WARN: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-5

Error Message ISAPI-SLOT#-5-INVISTA_NOTICE: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-MSM_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-NSP_NOTICE: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSM_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-5-SSN_NOTICE: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-6

Error Message ISAPI-SLOT#-6-INVISTA_INFO: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-MSM_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-NSP_INFO: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-SSM_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-6-SSN_INFO: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISAPI-SLOT#-7

Error Message ISAPI-SLOT#-7-INVISTA_DEBUG: [chars]

Explanation Isapi-invista software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-MSM_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-NSP_DEBUG: [chars]

Explanation Isapi-nsp software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSM_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

Error Message ISAPI-SLOT#-7-SSN_DEBUG: [chars]

Explanation Isapi software messages

Recommended Action No action is required.

ISCM Messages

ISCM-2

Error Message ISCM-2-APBR_CORRUPT: RISE APBR: in Corrupt State, RS IP: [chars], port: [dec], Proto: [dec], nhop IP: [chars], slot ID: [dec], vlan: [dec]. Reason: [chars].

Explanation RMAP

Recommended Action ACL cannot be completely deleted.

Error Message ISCM-2-ITD_LICENSE_EXPIRED: ITD License: license grace-period expired. Please install ENHANCED_LAYER2_PKG.

Explanation License or grace-period has expired.

Recommended Action Take steps to renew license. Feature will be disabled.

Error Message ISCM-2-ITD_LICENSE_MISSING: Feature ITD license missing: ENHANCED_LAYER2_PKG

Explanation License does not exist when attempting to enable ITD feature.

Recommended Action Acquire license or grace-period permission.

Error Message ISCM-2-LICENSE_EXPIRED: RISE License: LAN_ENTERPRISE_SERVICES_PKG license has expired. RISE feature is being disabled.

Explanation License or grace-period has expired.

Recommended Action Take steps to renew license. Feature will be disabled.

Error Message ISCM-2-LICENSE_MISSING: RISE License: LAN_ENTERPRISE_SERVICES_PKG does not exist.

Explanation License does not exist when attempting to enable RISE feature.

Recommended Action Acquire license or grace-period permission.

ISCM-3

Error Message ISCM-3-APBR_ACLMGR_ERROR: RISE APBR: ACL was not [chars], apbr payload: [chars].

Explanation Acl was not created/deleted.

Recommended Action Check TCAM resource limit, and the sys admin.

Error Message ISCM-3-APBR_INGRESS_INT_NOT_FOUND: RISE APBR: cantfindtheingressinterfaceforRSIP:[chars].'

Explanation 7K cannot find a route to the real server.

Recommended Action Check real server network reachability in the current switch.

Error Message ISCM-3-APBR_PURGE_ERROR: RISE APBR: Purge failure, slot id: [dec].

Explanation PBR entriels for RISE cannot be deleted cleanly.

Recommended Action Manually delete pbr entries.

Error Message ISCM-3-APBR_RPM_ERROR: RISE APBR: RPM returns internal error, rpm resp status: [dec], apbr payload: [chars].

Explanation Rmap step was not completed.

Recommended Action Check TCAM resource limit, or rmap collision on the same interface, and the sys admin.

Error Message ISCM-3-RHI_ROUTE_ISSUE: RISE RHI: slot [dec] route [chars] cannot be [chars]. Reason:[chars].

Explanation URIB dropped this RHI request. See reason string with the following possibilities: 1. SVI for data vlan [dec] does not exist. 2. SVI for data vlan [dec] is down. 3. urib issues.

Recommended Action Take corrective action per the reason.

ISCM-4

Error Message ISCM-4-APBR_MAX_LIMIT: RISE APBR: Reached max apbr entries [dec] per RISE. slot id: [dec].

Explanation PBR entriels for RISE cannot be deleted cleanly.

Recommended Action Manually delete pbr entries.

Error Message ISCM-4-APBR_PBR_DISABLED: RISE APBR: feature PBR Disabled.

Explanation APBR will not function correctly without pbr feature.

Recommended Action Manually enable pbr feature.

Error Message ISCM-4-DISCOVERY_CHANNEL_DOWN: RISE Channel down, slot id: [dec], Reason: [chars]

Explanation See reason string in the error message with the following possibilities: 1. Error in bootstrap/health-monitoring response. 2. Timed out while waiting for bootstrap/health-monitoring response. 3. Failed to send bootstrap/health-monitoring message. 4. Control VLAN interface is not operational. 5. RISE interface [chars] is not operational. 6. RISE interface [chars] does not have control VLAN [dec] as trunk member. 7. Control VLAN ([dec]) interface does not have valid IP. 8. RISE port channel po [dec] has no member ports. 9. Failed to send vlan-group. 10. RISE IP [chars] is already assigned to another service, slot id [dec].

Recommended Action Take corrective action per the reason

Error Message ISCM-4-ISSU_PRE_UPGRADE_TIMEOUT: RISE ISSU: pre-upgrade timed out, reason: [chars].

Explanation See the reason.

Recommended Action Try again with the upgrade.

Error Message ISCM-4-ISSU_UNEXPECTED_SLOT_MSG: RISE ISSU: unexpected msg from slot [dec], opcode: [dec].

Explanation Application should not send msg during ISSU. iSCM will ignore.

Recommended Action No action is required.

Error Message ISCM-4-LICENSE_EXPIRING: RISE License: LAN_ENTERPRISE_SERVICES_PKG license will expiry in [dec] days [dec] hours [chars]econds.

Explanation License or grace-period expiration warning.

Recommended Action Take steps to renew license. Prepare for feature disable.

ISCM-5

Error Message ISCM-5-TRANSPORT_ISSUE: RISE Transport: slot [dec] failed to send, reason : [chars].

Explanation See the reason.

Recommended Action Check the network connectivity and the appliance status.

ISNS Messages

This section contains the ISNS messages.

ISNS-2

Error Message ISNS-2-ISNS_CFS_OPERATION_FAILED: iSNS CFS [chars] failed

Explanation ISNS CFS operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ISNS-2-ISNS_INIT: iSNS initialization of [chars] [chars]

Explanation ISNS initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

IVR Messages

This section contains the IVR messages.

IVR-2

Error Message IVR-2-AUTOLEARN_ACTION_FAIL: failure happens during constructing virtual dynamic pfcid table

Explanation This can happen if failure happens during building, distributing or committing the virtual dynamic pfcid table

Recommended Action Please 1. check the fabric connection or 2. check current virtual user-configured pfcid entries and internally assigned virtual fcid entries for possible conflict

Error Message IVR-2-AUTOLEARN_FEATURE_NOT_SUPPORT: some switches:[chars] dontsupportautolearn'

Explanation This can happen if some switches doesntsupportthevirtualpfcidautolearnfeature'

Recommended Action Please upgrade the unsupported switches

Error Message IVR-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of IVR was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. Also, IVR auto topology could be out of sync. with this peer. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message IVR-2-DEVICE_FCID_REWRITE_FAILURE: Failure while programming FCID rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices, failure reason code: [hex]

Explanation Failed to program FCID rewrite entries probably because the hardware ran out of FCID rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of devices involved in IVR in the active IVR zoneset. Also, reduce the number of redundant transit VSANs, if any

Error Message IVR-2-DEVICE_STATE_INCOMPATIBLE_WITH_NAT_MODE: State for device with port WWN [chars] could not be restored because it was incompatible with the current NAT mode([dec]). This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset

Explanation This probably happened because NAT mode was modified without completely deactivating the active IVR zoneset

Recommended Action The switch needs to be rebooted

Error Message IVR-2-DEVICE_VSAN_REWRITE_FAILURE: Failure while programming VSAN rewrite entries for pWWN [chars] on incoming VSAN [dec]. Device may not be able to communicate with its peer devices

Explanation Failed to program VSAN rewrite entries probably because the hardware ran out of VSAN rewrite entries. This can happen if there are too many devices in Inter-VSAN zone or too many local VSANs in VSAN topology

Recommended Action Reduce the number of domains involved in IVR by moving the members of active IVR zoneset to fewer switches. Also, reduce the number of redundant transit VSANs, if any

Error Message IVR-2-INTEROP_MODE_2_OR_3_BF_FAILED: [chars] VSAN [dec] Virtual Domain [chars]

Explanation Build Fabric (BF) failed in VSAN [dec]. The BF was initiated in order to remove an unused virtual domain [dec] from the fcdomain list in that VSAN. The virtual domain still remains in the fcdomain list and hence it would not be available in that VSAN for assignment.

Recommended Action Perform a manual build fabric using fcdomainsinterfaceifyouwouldliketoremovetheunusedvirtualdomain(s)fromthefcdomainlist.'

Error Message IVR-2-INTEROP_MODE_2_OR_3_RDI_FAILED: VSAN [dec], requested domain [chars], received domain [chars] sWWN [chars]. Return Code [chars]

Explanation Request Domain Identifier (RDI) command to allocate virtual domain [dec] failed in VSAN [dec]. Received another domain [chars] instead. IVR-members connected to third-party switch may not participate in IVR communications. It is likely that the domain requested in the RDI command is already in use.

Recommended Action Reassign the domains so that the domain requested via RDI does not overlap with any existing domain in that VSAN.

Error Message IVR-2-IVR_DISABLE_FAILED: Inter-VSAN Routing disable failed for reason: [chars]

Explanation Inter-VSAN Routing disable failed for reason: [chars]. Cleanup might not have completed

Recommended Action Deactivate ivr zoneset and disable ivr again. If that fails, then the ivr process would terminate itself in 5 minutes

Error Message IVR-2-IVZS_ACTIVATION_FAILED_RETRYING: Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. retrying after [dec] seconds

Explanation Inter-VSAN zoneset activation failed in VSAN [dec] : [chars]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message IVR-2-NO_LICENSE_SHUTDOWN: Inter-VSAN Routing is shutting down.

Explanation License required for continued IVR operation is not available. Hence IVR is shutting down

Recommended Action Install appropriate license for IVR services and then enable IVR again.

Error Message IVR-2-NO_LICENSE_WARNING: Inter-VSAN Routing would shutdown in [dec] seconds.

Explanation License required for continued IVR operation is not available. Unless the required license is installed IVR would shutdown in [dec] seconds. IVR configurations would be lost.

Recommended Action Install appropriate license for IVR services to continue to operate uninterrupted within [dec] seconds

Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_CONFLICT_WITH_AUTOLEARN: Persistent virtual fcid and dynamic pfcid entries

Explanation This can happen if conflict happens during persistent virtual domain, or virtual fcid entry configuration.

Recommended Action Please assign a non-conflict persistent virtual domain or fcid entry with current dynamic entries

Error Message IVR-2-PERSISTENT_VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the configured persistent virtual domain/fcid could not be assigned

Explanation This can happen if the virtual domain/fcid configured by the user is - a) Already in use (either by IVR or a real switch) b) Not allowed due to interop mode or allowed domain list

Recommended Action Please make sure that the configured virtual domain/fcid is allowed and available for use

Error Message IVR-2-VIRTUAL_DOMAIN_CONFLICT: In VSAN [dec] virtual domain [dec] from native VSAN [dec] conflicts with native VSAN [dec] for the same virtual domain

Explanation Currently advertised virtual domain [dec] in VSAN [dec] is native to VSAN [dec]. This switch has learned of a device that is member of active IVR zone and has the same domain ID, but belongs to a different native VSAN. This device would not be advertised in that VSAN until the domain conflict is resolved.

Recommended Action No action is required.

Error Message IVR-2-VIRTUAL_FCID_UNAVAILABLE: to vsan [dec] because the internally generated FCID conflicts with fcid assigned to WWN [chars]. Please configure fcid for WWN [chars] too

Explanation This can happen if the virtual domain/fcid internally configured is already in use by another active device

Recommended Action Please assign a different persistent virtual fcid by CLI command

IVR-3

Error Message IVR-3-AAM_MODE_CANNOT_CHANGE: AAM mode cannot be changed. Might cause the fabric NAT mode inconsistency

Explanation Could be caused by ivr NAT is not enable

Recommended Action No action is required.

Error Message IVR-3-AAM_MODE_DEREGISTERED_FAILED: Abstract ACL Manager (AAM) mode deregister failed. Error code is [chars].

Explanation Abstract ACL Manager (AAM) mode deregister failed

Recommended Action No action is required.

Error Message IVR-3-AAM_MODE_REGISTERED_FAILED: Abstract ACL Manager (AAM) register failed. Error code is [chars].

Explanation Abstract ACL Manager (AAM) register failed

Recommended Action No action is required.

Error Message IVR-3-ACL_ERROR: ACL API, [chars], failed with error [chars]

Explanation IVR invoked ACL API and received the error code. [chars] describes the API and [chars] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-ACL_PERMIT_ENTRY_ERROR: ACL permit entry update on interface [chars] failed for reason: [chars]

Explanation ACL could not program permit entries for IVR traffic. [chars] describes the interface named and [chars] describes the system error message from ACL. IVR traffic coming from the interface may be dropped.

Recommended Action If the problem persists, please contact TAC, or your reseller for support.

Error Message IVR-3-ACL_PLOGI_ENTRY_ERROR: PLOGI capture entry update in slot [dec] failed for reason: [chars]

Explanation ACL could not program IVR PLOGI could not be programmed. slot[dec] describes the line card slot number and [chars] describes the system error message. PLOGI and its response may be dropped because ivr process cannot capture those frames.

Recommended Action No action is required.

Error Message IVR-3-AFID_CONFLICT: [chars]

Explanation AFID configuration is different at different ivr-enabled switches in the same VSAN. Change AFID configuration (auto mode) or vsan topology configuration (user mode) to make it consistent

Recommended Action No action is required.

Error Message IVR-3-CFS_INVALID_PAYLOAD_RECEIVED: Inter-VSAN process received invalid payload from CFS

Explanation Inter-VSAN process received invalid payload from CFS.

Recommended Action No action is required.

Error Message IVR-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-COMMIT_PARTIALLY_FAILED: [chars]

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-DDAS_LOCK_TIMER_EXPIRED: IVR database lock is released, as device-alias commit/abort notification is not received in the expected time frame.

Explanation When device-alias sends the validation request, IVR database is locked and a timer is started. For any reason, if device-alias commit/abort notification is not received within the expected time frame, the lock timer gets expired and the lock is released. If device-alias commit notification is received after the lock is released, the changes are not applied and this could cause inconsistency between IVR and device-alias.

Recommended Action No action is required.

Error Message IVR-3-DEVICE_NOT_PRESENT_IN_FB_DB_FICON: Device with port WWN [chars] could not be exported to VSANs [chars] because its native switch is not present in the current active fabric binding database of those VSANs.

Explanation This happens if ficon is enabled on VSANs [chars] and native switch of device with port WWN [chars] is not present in the current active fabric binding database of those VSANs. This is a requirement for ficon compliance.

Recommended Action No action is required.

Error Message IVR-3-DEVICE_ON_WRONG_NATIVE_AFID_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec] native AFID [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because it has come online in VSAN [dec] AFID [dec]

Explanation Device has come online on a AFID/VSAN different from the configured native AFID/VSAN

Recommended Action No action is required.

Error Message IVR-3-DEVICE_ON_WRONG_NATIVE_VSAN: Device with port WWN [chars] (FCID:[chars], native VSAN [dec]) may not be exported to other VSANs (for Inter-VSAN zoning) because domain [hex] exists in VSAN [dec]

Explanation Device has come online on a VSAN different from the configured native VSAN or the device does not satisfy unique domain criteria.

Recommended Action No action is required.

Error Message IVR-3-DM_ERROR: Domain Manager API, [chars], failed with error [hex]

Explanation IVR invoked DM API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-DOMAIN_DISALLOWED_IN_INTEROP: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is disallowed in the interop mode for VSAN [dec]

Explanation VSAN interop modes place restrictions on what domain ranges are allowed. This domain is out of the range allowed for this interop mode. See the Cisco MDS 9000 Family Configuration Guide for details on the domain range limitations.

Recommended Action Change the domain of the switch to which this IVR zone member is connected to so that it is within the allowed domain list for the interop mode. The domain identifier can be statically assigned using fcdomain interface. You can also configure a range of domains allowed in a VSAN using the fcdomains'allowed-domains'interface.'

Error Message IVR-3-DOMAIN_UNAVAILABLE: Device with port WWN [chars] and FCID [chars] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec]

Explanation Device with port WWN [chars] and FCID [dec] may not be able to participate in Inter-VSAN zone since domain [dec] is already assigned in VSAN [dec].

Recommended Action No action is required.

Error Message IVR-3-FC2_ERROR: FC2 API [chars] failed with error [hex] for [chars]

Explanation IVR invoked FC2 API for [chars] socket and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-FCID_NAT_MODE_CANNOT_CHANGE: IVR NAT mode cannot be changed. Might cause the fabric NAT mode inconsistency

Explanation Could be caused by active zoneset, pending activation /deactivation or non-empty device list

Recommended Action No action is required.

Error Message IVR-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]).

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-3-INTERNAL_ERROR: Internal error: [chars]

Explanation IVR process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message IVR-3-INVALID_ZONE_MEMBER_PROP_INTEROP_MODE_2_3: unsupported member/zone properties in interop mode 2 or 3 [chars]

Explanation Inter-VSAN member properties incompatible with interop mode vsan

Recommended Action No action is required.

Error Message IVR-3-IVR_NAT_OFF_IS_SAB: Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.

Explanation Fcid-nat must be enabled before IVR zoneset activation for Sabre platform.

Recommended Action No action is required.

Error Message IVR-3-IVR_DU_VSAN_IS_SEGMENTED: AFID [dec] VSAN [dec] is segmented, VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Explanation DU Vsan Segmented, ivr traffic may be impact by du vsan segmentation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-IVZ_ACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] activation failed in VSAN [dec]

Explanation Inter-VSAN zoneset activation failed in VSAN.

Recommended Action No action is required.

Error Message IVR-3-IVZ_ACTIVATION_FAILED: Inter-VSAN zoneset [chars] activation failed

Explanation Inter-VSAN zoneset activation failed.

Recommended Action No action is required.

Error Message IVR-3-IVZ_DEACTIVATION_FAILED_VSAN: Inter-VSAN zoneset [chars] deactivation failed in VSAN [dec]

Explanation Inter-VSAN zoneset deactivation failed in VSAN.

Recommended Action No action is required.

Error Message IVR-3-IVZ_DEACTIVATION_FAILED: Inter-VSAN zoneset [chars]
deactivation failed

Explanation Inter-VSAN zoneset deactivation failed.

Recommended Action No action is required.

Error Message IVR-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MERGE_FAILED: reason is [chars]

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-MTS_ERROR: MTS message transmission failed with error [dec]

Explanation IVR process unsuccessfully tried to send a MTS message. MTS error number is specified in [dec].

Recommended Action No action is required.

Error Message IVR-3-NS_ERROR: FCNS API, [chars], failed with error [hex]

Explanation IVR invoked FCNS API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-PSS_CFG_RESTORE_ERROR: Configuration restoration for [chars] failed with error [hex]

Explanation IVR read the saved configuration and encountered an error while rebuilding the runtime configuration. [chars] describes the configuration which the process tried to restore and 0x[hex] is the system err code.

Recommended Action No action is required.

Error Message IVR-3-PSS_ERROR: PSS operation [chars] returned error: [hex]

Explanation [chars] specifies the context where the failure occurred and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-PSS_RTDB_RESTORE_ERROR: Runtime database restoration for [chars] failed with error [hex]

Explanation IVR read the saved runtime database and encountered an error while rebuilding the runtime database. [chars] describes the runtime database which the process tried to restore and 0x[hex] is the system error code.

Recommended Action No action is required.

Error Message IVR-3-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED: qos iod undrop request vsan [dec] did [chars] failed:[chars].

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-3-RIB_ERROR: RIB API, [chars], failed with error [hex]

Explanation IVR invoked RIB API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message IVR-3-ROUTE_REQUEST_TO_ACL_FAILED: route [chars] request vsan [dec] domain [dec] failed:[chars].

Explanation This happens when either after IVR retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-3-TOPOLOGY_COMPUTATION_FAILED: Inter-VSAN Topology computation has failed due to: [chars]

Explanation Inter-VSAN Topology has failed due to [chars]. Possible reasons are (a) Number of AFID/VSAN combination is more than the maximum supported value of 128, or (b) Number of ivr-enabled switches is more than the maximum supported value of 128

Recommended Action No action is required.

Error Message IVR-3-UNEXPECTED_MTS_MSG: Unexpected MTS message, opcode [dec], is received

Explanation IVR process received unexpected MTS event. MTS opcode is specified in [dec].

Recommended Action No action is required.

Error Message IVR-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-VSAN_SEGMENTED: [chars]

Explanation VSAN is segmented. VSAN is removed from the topology graph and hence no Inter-VSAN traffic can flow through this VSAN.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message IVR-3-ZS_POLICY_IS_DENY_NO_ACTIVE_ZS: Default zone behavior policy is deny on VSAN [dec] and there is no active zoneset

Explanation Default zone behavior is deny and there is no active zoneset. Inter-VSAN zone members may not be able communicate in this VSAN.

Recommended Action No action is required.

Error Message IVR-3-ZS_POLICY_IS_PERMIT_NO_FORCE: Default zone behavior policy is permit on VSAN [dec] and the force option is off

Explanation Default zone behavior is permit and the force option is off. Inter-VSAN zoneset activation on this VSAN has failed.

Recommended Action No action is required.

Error Message IVR-3-ZS_POLICY_IS_PERMIT_ZS_DEACTIVATED: Default zone behavior policy is permit on VSAN [dec] and regular zoneset deactivated

Explanation Default zone behavior is permit and regular zoneset is deactivated. Inter-VSAN zone members may not be able to communicate.

Recommended Action No action is required.

IVR-4

Error Message IVR-4-AUTO_TOPOLOGY_UPDATE_DISCARDED: [chars]

Explanation Received auto topology update is discarded due to conflicts

Recommended Action No action is required.

Error Message IVR-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING: fcid rewrite [chars] request vsan [dec] did [chars] sid [chars] failed:[chars]([hex]). Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-4-PERSISTENT_VIRTUAL_DOMAIN_MERGE_CONFLICT: [chars]

Explanation Merge failed due to conflict in the persistent virtual domain configuration

Recommended Action No action is required.

Error Message IVR-4-IVR_VDC_FORCEFUL_CLEANUP: IVR was removed with VDC delete/reload/suspend, Forceful cleanup was triggered.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup.

Recommended Action No action is required.

Error Message IVR-4-IVR_REMOVED_PENDING_CFG: IVR was removed while there were still pending IVR configurations. Forceful cleanup was triggered and the pending configurations were not saved.

Explanation IVR was removed from an N7K switch via VDC delete/reload, which triggered a forceful cleanup. The pending IVR configurations were not saved.

Recommended Action No action is required.

Error Message IVR-4-PERSISTENT_VIRTUAL_FCID_MERGE_CONFLICT: [chars]

Explanation Merge failed due to conflict in the persistent virtual fcid configuration

Recommended Action No action is required.

Error Message IVR-4-QOS_IOD_UNDROP_REQUEST_TO_ACL_FAILED_AND_RETRYING: qos iod undrop request vsan [dec] did [chars] failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-4-ROUTE_REQUEST_TO_ACL_FAILED_AND_RETRYING: route [chars] request vsan [dec] domain [dec] failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message IVR-4-UNKNOWN_NATIVE_VSAN: Unknown native VSAN for the virtual domain [dec] in VSAN [dec] local native VSAN for the same virtual domain is [dec]

Explanation Could not determine native VSAN of the currently advertised virtual domain [dec] in VSAN [dec]. This switch has learned of a device that is member of active IVR zone has the same domain ID, and belongs to native VSAN [dec]. This device would not be advertised in that VSAN until the native VSAN information is resolved.

Recommended Action No action is required.

IVR-5

Error Message IVR-5-AAM_MODE_DEREGISTERED: Abstract ACL Manager (AAM) mode has been deregistered

Explanation Abstract ACL Manager (AAM) mode has been deregistered

Recommended Action No action is required.

Error Message IVR-5-AAM_MODE_REGISTERED: Abstract ACL Manager (AAM) mode has been registered

Explanation Abstract ACL Manager (AAM) mode has been registered

Recommended Action No action is required.

Error Message IVR-5-FCID_NAT_MODE_ACTIVATED: FCID network address translation (NAT) mode has been activated

Explanation FCID network address translation (NAT) mode has been activated

Recommended Action No action is required.

Error Message IVR-5-FCID_NAT_MODE_DEACTIVATED: FCID network address translation (NAT) mode has been deactivated

Explanation FCID network address translation (NAT) mode has been deactivated

Recommended Action No action is required.

Error Message IVR-5-IVR_ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]

Explanation An assertion failed in IVR code

Recommended Action No action is required.

Error Message IVR-5-IVR_DU_VSAN_NO_LONGER_SEGMENTED: AFID [dec] VSAN [dec] is no longer segmented

Explanation VSAN is no longer segmented. VSAN is added back to the topology graph and hence Inter-VSAN traffic can now flow through this VSAN.

Recommended Action No action is required.

Error Message IVR-5-IVZS_ACTIVATION_RETRYING: Inter-VSAN zoneset activation did not go through because of [chars], retrying in VSAN [dec] after [dec] seconds

Explanation Inter-VSAN zoneset activation failed because of [chars] in VSAN [dec]. This could be an intermittent regular zoneset activation error. The activation will be retried in [dec] seconds.

Recommended Action No action is required.

Error Message IVR-5-IVZS_WAITING_FOR_LOWEST_SWWN: Waiting for lowest switch WWN Inter-VSAN enabled switch in VSAN [dec]

Explanation Only lowest switch WWN Inter-VSAN enabled switch adds the Inter-VSAN zones to the regular active zoneset in a VSAN. This local switch is not the lowest sWWN switch in VSAN [dec]

Recommended Action No action is required.

Error Message IVR-5-IVZ_ACTIVATED_VSAN: Inter-VSAN zoneset [chars] activated in VSAN [dec]

Explanation Inter-VSAN zoneset activated in VSAN[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_ACTIVATED: Inter-VSAN zoneset [chars] activated

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_CLEANUP_DONE_BY_TIMER: Inter-VSAN clean-up is not done after waiting for 5 minutes

Explanation Inter-VSAN related configuration might not be cleaned up before the ivr process is terminated

Recommended Action If the problem persists, you may have to reboot your switch to clean up the old IVR configuration

Error Message IVR-5-IVZ_CLEANUP_DONE: Inter-VSAN clean-up is done

Explanation Inter-VSAN related configuration is cleaned up before exiting.

Recommended Action No action is required.

Error Message IVR-5-IVZ_DEACTIVATED_VSAN: Inter-VSAN zoneset [chars] deactivated in VSAN [dec]

Explanation Inter-VSAN zoneset deactivated in VSAN[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_DEACTIVATED: Inter-VSAN zoneset [chars] deactivated

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action No action is required.

Error Message IVR-5-IVZ_PARTIALLY_ACTIVATED: Inter-VSAN zoneset [chars] partially activated

Explanation Inter-VSAN zoneset activated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message IVR-5-IVZ_PARTIALLY_DEACTIVATED: Inter-VSAN zoneset [chars] partially deactivated

Explanation Inter-VSAN zoneset deactivated[dec].

Recommended Action Check if it is successful in all VSANs by doing show IVR zoneset status.

Error Message IVR-5-LICENSE_CHECKIN_FAILED: Failed to checkin [chars] license: Err=[chars]

Explanation Failed to checkin [chars] license

Recommended Action No action is required.

Error Message IVR-5-SERVICE_GROUP_ACTIVATED: Inter-VSAN Service Group has been activated

Explanation Inter-VSAN Service Group has been activated.

Recommended Action No action is required.

Error Message IVR-5-SERVICE_GROUP_DEACTIVATED: Inter-VSAN Service Group has been deactivated

Explanation Inter-VSAN Service Group has been deactivated.

Recommended Action No action is required.

Error Message IVR-5-VSAN_NO_LONGER_SEGMENTED: [chars]

Explanation VSAN is no longer segmented. VSAN is added back to the topology graph and hence Inter-VSAN traffic can now flow through this VSAN.

Recommended Action No action is required.

Error Message IVR-5-VSAN_TOPOLOGY_ACTIVATED: Inter-VSAN Topology has been activated

Explanation Inter-VSAN Topology has been activated.

Recommended Action No action is required.

IVR-6

Error Message IVR-6-DRAV_ASYNC_DOMAIN_RELEASE: [chars]

Explanation DRAV FSM has unconditionally released a domain due to conflict after a fabric merge. The details are in [chars]

Recommended Action No action is required.

Error Message IVR-6-DRAV_CRITICAL_RETRY_EXCEED: [chars]

Explanation DRAV FSM frames are attempted to be resent. The details are in [chars]

Recommended Action No action is required.

Error Message IVR-6-DRAV_DOMAIN_ALLOC: Virtual domain [dec] for Native AFID: [dec]
Native VSAN [dec]

Explanation A virtual domain indicated by [dec] has been reserved for a device with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message IVR-6-DRAV_DOMAIN_RELEASE: Virtual domain [dec] for Native AFID:
[dec] Native VSAN [dec]

Explanation A virtual domain indicated by [dec] has been released used by devices with native AFID [dec] and native VSAN [dec]

Recommended Action No action is required.

Error Message IVR-6-DRAV_TOPO_UPDATE: [chars]

Explanation DRAV FSM Topology has been updated as indicated by [chars]

Recommended Action No action is required.

Error Message IVR-6-LICENSE_VALID: A valid license for Inter-VSAN Routing has been
obtained

Explanation A valid license for Inter-VSAN Routing has been obtained

Recommended Action No action is required.

IVR-7

Error Message IVR-7-CFS_REQ_RCVD: [chars]

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message IVR-7-CFS_RESP_SENT: [chars]

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

L2FMC Messages

This section contains the L2FMC messages.

L2FMC-SLOT#-0

Error Message L2FMC-SLOT#-0-L2FMC_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2FMC failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-0-L2FMC_TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2FMC failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

L2FMC-SLOT#-2

Error Message L2FMC-SLOT#-2-L2FMC_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message L2FMC-SLOT#-2-L2FMC_VLAN_NOT_FOUND: VLAN [dec] not found in L2FMC database!

Explanation L2FMC failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

L2FMC-SLOT#-5

Error Message L2FMC-SLOT#-5-L2FMC_GLBL_AGE_CONFIG_FAIL: Global age value configuration to [dec] seconds failed!

Explanation L2FMC failed to configure global default age to [dec] seconds.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-5-L2FMC_VLAN_AGE_CONFIG_FAIL: VLAN Age configuration to [dec] seconds failed!

Explanation L2FMC failed to configure age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

L2FMC-SLOT#-6

Error Message L2FMC-SLOT#-6-L2FMC_GLBL_AGE_CONFIGURED: Global age value configured to [dec] seconds.

Explanation L2FMC has successfully configured global default age to [dec] seconds.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_INITIALIZED: Internal state created [chars]

Explanation L2FMC has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in L2FMC was successful.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_REMOVED: VDC [dec] Removed

Explanation L2FMC has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_VLAN_CREATED: VLAN [dec] created

Explanation L2FMC has added VLAN [dec].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation L2FMC has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

Error Message L2FMC-SLOT#-6-L2FMC_VLAN_AGE_CONFIGURED: Age configured for VLAN [dec] to [dec] seconds.

Explanation L2FMC has successfully configured age for VLAN [dec] to [dec] seconds.

Recommended Action No action is required.

L2FM Messages

This section contains the L2FM messages.

L2FM-0

Error Message L2FM-0-L2FM_CLI_INITIALIZATION_FAILED: CLI library initialization failed!

Explanation Failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message L2FM-0-L2FM_VDC_GWMAC_GET_FAILED: Failed to get gwmac for VDC

Explanation Failed to get gwmac for VDC.

Recommended Action No action is required.

Error Message L2FM-0-L2FM_WRITE_TO_PSS_FAILED_IN_PREVIOUS_INCARNATION: PSS Write Failed in pervious incarnation. Stateful restart not possible

Explanation PSS Write Failed in pervious incarnation. Stateful restart not possible

Recommended Action No action is required.

L2FM-1

Error Message L2FM-1-L2FM_CRDCFG_ERROR: L2fm queried Card config for slot info and it has returned error. The slot may not have been added correctly

Explanation No action is required.

Recommended Action L2fm

Error Message L2FM-1-L2FM_LINE_FULL_CONDITION_STRING: Unable to insert the MAC as hardware lines are full

Explanation No action is required.

Recommended Action L2fm

Error Message L2FM-1-L2FM_LINE_FULL_CONDITION: Unable to insert the MAC as hardware lines are full

Explanation No action is required.

Recommended Action L2fm

Error Message L2FM-1-L2FM_ORIB_SENDS_INCORRECT_IFIDX: Incorrect ifidx received from Orib. Please check mac [chars] vlan [dec]

Explanation L2fm has received a mac insert/delete from Orib with incorrect ifidx. Please check oiv mac entries

Recommended Action No action is required.

Error Message L2FM-1-L2FM_OWNER_NOT_FOUND: Error : fe owner not found for mac entry [chars] in age notif sent from slot = [dec], fe = [dec]

Explanation L2fm has received an age notification from the linecard but does not have the mac owner in its database

Recommended Action No action is required.

Error Message L2FM-1-L2FM_SDB_NOT_FLUSHED: Error : [dec] mac entries have not flushed from l2fm sdb

Explanation Due to an internal error l2fm has not written mac entries to its sdb

Recommended Action No action is required.

Error Message L2FM-1-L2FM_SMAC_DUP_FOUND: Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Explanation Duplicate static mac found in secondary vlan. P-VLAN:[dec] S-VLAN:[dec] MAC:[chars]

Recommended Action No action is required.

Error Message L2FM-1-L2FM_WRITE_TO_PSS_FAILED: Failed to write to PSS err [chars]

Explanation Failed to write to PSS err [chars]

Recommended Action No action is required.

L2FM-2

Error Message L2FM-2-L2FM_AGING_TIME_SET_FAILED: Failed to set age time [dec] for vlan [dec]

Explanation Failed to set age time [dec] for vlan [dec].

Recommended Action No action is required.

Error Message L2FM-2-L2FM_CFS_OUT_OF_ORDER: Error: Received Message for STATIC MAC INSERT/DELETE as Out Of Order from vpc peer due to congestion. Please check mac programming for Router macs.Fl原因 if necessary to correct the programming

Explanation Messages over peer-link could be received out of order due to congestion

Recommended Action No action is required.

Error Message L2FM-2-L2FM_GLBL_AGING_TIME_SET_FAILED: Failed to set global age time [dec]

Explanation Failed to set global age time [dec]

Recommended Action No action is required.

Error Message L2FM-2-L2FM_SMAC_INS_FAILED: Failed to insert static mac for VLAN:[dec] MAC:[chars] IfIndex:[hex] Slot:[dec]

Explanation No action is required.

Recommended Action L2fm

Error Message L2FM-2-L2FM_UPDATE_LOST_HINTS: mac [hex]:[hex]:[hex]:[hex]:[hex]:[hex] updated by slot [dec] fe_index [dec], from [hex] to [hex], with [hex] new hints and loosing %08 old_hints. stack trace: [chars]

Explanation An update from MTM looks inconsistent with the previous state

Recommended Action No action is required.

L2FM-4

Error Message L2FM-4-L2FM_MAC_MOVE: Mac [chars] in vlan [dec] has moved from [chars] to [chars]

Explanation Mac [string] in vlan [dec] has moved from [string] to [string]

Recommended Action No action is required.

L2FM-5

Error Message L2FM-5-L2FM_VLAN_MODE_CHANGE_TO_NON_CONV: Vlan [dec] has been internally changed to non conversational mode on SVI CREATE

Explanation Change vlan learning mode to non conversational mode on SVI CREATE

Recommended Action No action is required.

Error Message L2FM-5-L2FM_VLAN_MODE_REVERTED_BACK: Vlan [dec] has been internally changed to user configured learning mode on SVI DELETE. Mac entries installed non-optimally due to SVI up will get removed from all FEs once ages out

Explanation Change vlan learning mode to user configured value on SVI DELETE

Recommended Action No action is required.

L2FM-6

Error Message L2FM-6-L2FM_DYN_MAC_INS_FAILED: Dynamic mac insertion failure!fail_cnt: [dec] Slot:[dec]

Explanation Failed to insert dynamic macs fail_cnt:[dec] for Slot:[Slot]

Recommended Action No action is required.

Error Message L2FM-6-L2FM_MTS_SEND_FAILED: Failed to send MTS message errno [hex] opcode [dec]

Explanation No action is required.

Recommended Action L2fm

L2MCAST Messages

This section contains the L2MCAST messages.

L2MCAST-SLOT#-0

Error Message L2MCAST-SLOT#-0-L2MCAST_CLI_INIT_FAILED: CLI library initialization failed!

Explanation L2MCAST failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-0-L2MCAST_TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation L2MCAST failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

L2MCAST-SLOT#-2

Error Message L2MCAST-SLOT#-2-L2MCAST_MAC_FULL_LC: Failed to insert entry in MAC table for FE [dec] swidx [dec] ([hex]) with err ([chars]). To avoid possible multicast traffic loss, disable OMF. Use the configuration CLI: "no ip igmp snooping optimise-multicast-flood"

Explanation Failed to program the MAC table. MAC table line full for this entry

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-2-L2MCAST_VLAN_NOT_FOUND: VLAN [dec] not found in L2MCAST database!

Explanation L2MCAST failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-2-L2MCAST: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

L2MCAST-SLOT#-3

Error Message L2MCAST-SLOT#-3-L2MCAST_HW_INSTALL_FAIL: Hw install failed for vlan [dec] ([dec], [chars], [chars]) entry!

Explanation L2MCAST failed to insert bd, g, s entry in hardware. Igmp snooping may not be effective on vlan for that group and source

Recommended Action No action is required.

L2MCAST-SLOT#-6

Error Message L2MCAST-SLOT#-6-L2MCAST_HW_INSTALL_FAIL: Hw install failed for vlan [dec] ([dec], [chars], [chars]) entry!

Explanation L2MCAST failed to insert bd, g, s entry in hardware. Igmp snooping may not be effective on vlan for that group and source

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_INITIALIZED: Internal state created [chars]

Explanation L2MCAST has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in L2MCAST was successful.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_REMOVED: VDC [dec] Removed

Explanation L2MCAST has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_CREATED: VLAN [dec] created

Explanation L2MCAST has added VLAN [dec].

Recommended Action No action is required.

Error Message L2MCAST-SLOT#-6-L2MCAST_VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation L2MCAST has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

L3VM Messages

This section contains the L3VM messages.

L3VM-5

Error Message L3VM-5-FP_TPG_CREATE: Fabricpath topology [dec] created

Explanation FP-Topology created

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_DELETE: Fabricpath topology [dec] deleted

Explanation FP-Topology deleted

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_INTF_DOWN: Interface [chars] down in fabricpath topology [dec] [chars]

Explanation Interface in a FP-Topology went down

Recommended Action No action is required.

Error Message L3VM-5-FP_TPG_INTF_UP: Interface [chars] up in fabricpath topology [dec]

Explanation Interface in a FP-Topology is up

Recommended Action No action is required.

LACP Messages

This section contains the LACP messages.

LACP-3

Error Message LACP-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message LACP-3-LACP_SUSPEND_HALF_DUPLEX_PORT: Port [chars] is in half duplex mode. suspend port

Explanation LACP is not supported in half duplex mode. Suspend port

Recommended Action No action is required.

Error Message LACP-3-LACP_SUSPEND_MINLINK: LACP port [chars] of port-channel [chars] is suspended as min-link requirement not met.

Explanation LACP suspend ports due to min-link

Recommended Action No action is required.

Error Message LACP-3-LACP_UPGRADE_READY_FAILED: Upgrade ready failed.

Explanation Upgrade ready event failed because atleast one port channel member is in intermediate state.

Recommended Action No action is required.

Error Message LACP-3-PACKET_TRANSMIT_ERR: [chars]: Could not send LACP packet err=[dec]

Explanation There was an error in sending LACP packet

Recommended Action No action is required.

Error Message LACP-3-SYN_COLL_DIS_EN: [chars] [[chars]]: SYNC, COLLECT and DISTRIBUTE flags enabled too early by partner

Explanation Potential interop issue. Partner system seems to have enabled sync as well collecting or distributing flags too early even before actor has selected an aggregator

Recommended Action No action is required.

Error Message LACP-3-SYSTEM_MAC_ERR: [chars]: Could not get system mac[[chars]]

Explanation There was an error in acquiring system mac from VDC Mgr

Recommended Action No action is required.

LACP-5

Error Message LACP-5-LACP_DISABLED: LACP Disabled

Explanation LACP Service Disabled

Recommended Action No action is required.

Error Message LACP-5-LACP_DOES_NOT_MEET_MINLINK_REQ: LACP port-channel [chars] is brought down as min-link requirement not met.

Explanation LACP port-channel down as min-link requirement not met

Recommended Action No action is required.

Error Message LACP-5-LACP_ENABLED: LACP Enabled

Explanation LACP Service Enabled

Recommended Action No action is required.

Error Message LACP-5-LACP_MEETS_MINLINK_REQ: LACP port-channel [chars] meets min-link requirement. Reint port-channel

Explanation LACP port-channel meets min-link requirement

Recommended Action No action is required.

Error Message LACP-5-LACP_REMOTE_NOTIFY_SUCCESS: Remote notify event.

Explanation Remote notify event was successful.

Recommended Action No action is required.

Error Message LACP-5-LACP_SUSPEND_INDIVIDUAL: LACP port [chars] of port-channel [chars] not receiving any LACP BPDUs suspending (individual) port

Explanation LACP suspend individual ports

Recommended Action No action is required.

Error Message LACP-5-LACP_UPGRADE_READY_SUCCESS: Upgrade ready successful.

Explanation Upgrade ready event is successful as all port channel members are in steady state.

Recommended Action No action is required.

Error Message LACP-5-PORT_PRIORITY_CHANGED: [chars]: LACP port priority changed from [dec] to [dec]

Explanation LACP port priority has been changed

Recommended Action No action is required.

Error Message LACP-5-SYSTEM_PRIORITY_CHANGED: LACP system priority changed from [hex] to [hex]

Explanation LACP system priority has been changed

Recommended Action No action is required.

LC-FCFWD Messages

This section contains the LC-FCFWD messages.

LC-FCFWD-3

Error Message LC-FCFWD-3-ERROR: [chars]

Explanation Lc_fcfdw encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LC-QOS Messages

This section contains the LC-QOS messages.

LC-QOS-3

Error Message LC-QOS-3-ERROR: [chars]

Explanation Lc_qos_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LC-SPAN Messages

This section contains the LC-SPAN messages.

LC-SPAN-3

Error Message LC-SPAN-3-ERROR: [chars]

Explanation Lc_span_mgr encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LC_CFG Messages

This section contains the L2_CFG messages.

LC_CFG-SLOT#-2

Error Message LC_CFG-SLOT#-2-LC2_CPU_ERRORS: [chars], Total IC [dec], DC [dec], Tag [dec], MBit [dec], SBit [dec], I30 [dec]

Explanation LC CPU Cache errors.

Recommended Action No action is required.

Error Message LC_CFG-SLOT#-2-LC_CFG_ABORT: registration aborted with code [dec]

Explanation Process lc_cfg_mgr aborted registration

Recommended Action No action is required.

Error Message LC_CFG-SLOT#-2-LC_CFG_EXITED: exited with code [dec]

Explanation Process lc_cfg_mgr exited

Recommended Action No action is required.

LC_MNT_MGR Messages

This section contains the LC_MNT_MGR messages.

LC_MNT_MGR-SLOT#-2

Error Message LC_MNT_MGR-SLOT#-2-LC_MNT_MGR_ERROR: [chars]

Explanation Lc_mnt_mgr syslog message

Recommended Action No action is required.

LC_PORT_CHANNEL Messages

This section contains the LC_PORT_CHANNEL messages.

LC_PORT_CHANNEL-SLOT#-0

Error Message LC_PORT_CHANNEL-SLOT#-0-HW_FAILURE: fatal error in configuring [chars]: [chars]

Explanation Fatal hardware error in port-channel configuration

Recommended Action Reset the module

Error Message LC_PORT_CHANNEL-SLOT#-0-IDX_FULL: D_IDX table full (current [dec], new [dec], total [dec])

Explanation Programming error in port-channel configuration

Recommended Action Reset the module

LC_PORT_CHANNEL-SLOT#-1

Error Message LC_PORT_CHANNEL-SLOT#-1-MALLOC_FAILED: cannot allocate memory (size [dec])

Explanation No enough memory

Recommended Action No action is required.

LC_PORT_CHANNEL-SLOT#-3

Error Message LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message LC_PORT_CHANNEL-SLOT#-3-LC_PORT_CHANNEL_IDXMAP_FAILURE: could not lookup port index for interface [chars]

Explanation Could not look up port index

Recommended Action No action is required.

LC_PORT_MGR Messages

This section contains the LC_PORT_MGR messages.

LC_PORT_MGR-SLOT#-2

Error Message LC_PORT_MGR-SLOT#-2-LC_MTS_ERROR: An MTS error has occurred in ([chars]) with the following conditions: opc=[dec] ssap=[hex] dsap=[hex] syserr=[hex]

Explanation This is a software error in message communication between two applications.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LC_RDL Messages

This section contains the LC_RDL messages.

LC_RDL-3

Error Message LC_RDL-3-SYSLOG_ALLOC_FAIL: : [chars]

Explanation RDL malloc failed : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_ERR: : [chars]

Explanation RDL syslog errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_EXIT: : [chars]

Explanation RDL exiting on errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation RDL Init Failed: [chars] [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_MTS_ERR: : [chars]

Explanation RDL MTS errors : [chars]

Recommended Action No action is required.

Error Message LC_RDL-3-SYSLOG_MTS_REG_FAILED: : [dec] [dec]

Explanation RDL context error: [dec] [dec]

Recommended Action No action is required.

LC_RDL-6

Error Message LC_RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_INFO: : [chars]

Explanation RDL Debug logs: [chars]

Recommended Action No action is required.

Error Message LC_RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]

Explanation RDL context error: [chars] [dec]

Recommended Action No action is required.

LDAP Messages

This section contains the LDAP messages.

LDAP-2

Error Message LDAP-2-LDAP_PROGRAM_EXIT: LDAP daemon exiting: [chars]

Explanation LDAP daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LDAP-3

Error Message LDAP-3-LDAP_ERROR_MESSAGE: [chars]

Explanation LDAP Error Message

Recommended Action No action is required.

LDAP-5

Error Message LDAP-5-LDAP_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Ldap server monitor status change

Recommended Action No action is required.

Error Message LDAP-5-LDAP_SERVER_STATUS: [chars] server [chars] with port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Ldap server status change

Recommended Action No action is required.

LDAP-6

Error Message LDAP-6-LDAP_MESSAGE: [chars]

Explanation LDAP Message

Recommended Action No action is required.

LDP Messages

LDP-5

Error Message LDP-5-LDP_DISABLED: LDP Disabled

Explanation MPLS_LDP Service Disabled

Recommended Action No action is required.

Error Message LDP-5-LDP_ENABLED: LDP Enabled

Explanation MPLS_LDP Service nabled

Recommended Action No action is required.

LED_MGR Messages

This section contains the LED_MGR messages.

LED_MGR-SLOT#-3

Error Message LED_MGR-SLOT#-3-LED_MGR_EXITED: LED Manager application exited (syserr = [dec], errno = [dec])

Explanation LED Manager application exited

Recommended Action No action is required.

Error Message LED_MGR-SLOT#-3-LED_MGR_SELECT_ERR: LED Manager application call to select() returned [dec], (errno = [dec])

Explanation LED Manager application received error from select()

Recommended Action No action is required.

LIBBASE_SVC Messages

This section contains the LIBBASE_SVC messages.

LIBBASE_SVC-2

Error Message LIBBASE_SVC-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound for site [chars], as the interfaces reached the maximum flow limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-2-LOG_ERR_BASE_SVC_TOM_ABORTED: SME Cluster [chars] Message Id: [hex] aborted

Explanation An SME Cluster Message was aborted by the Cluster process

Recommended Action No action is required.

LIBBASE_SVC-4

Error Message LIBBASE_SVC-4-FCR_VER2_NOT_ENABLED: FCR Version2 is not enabled. May affect flows. Please enable fc-redirect version2

Explanation FCR Version2 not enabled

Recommended Action No action is required.

LIBBASE_SVC-5

Error Message LIBBASE_SVC-5-FLOW_NOT_ALLOWED: Flow [chars] <-

Explanation Flow creation failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-IT_NEXUS_FAILURE: [chars]. [chars] bind failure.
Reason: [chars]: [hex]

Explanation IT Nexus bind failed

Recommended Action No action is required.

Error Message LIBBASE_SVC-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum flow limit

Explanation Interface Flow Limit

Recommended Action No action is required.

LIBGD Messages

This section contains the LIBGD messages.

LIBGD-2

Error Message LIBGD-2-GD_ACCESS_FAILED: Guardian Failed to access reg for [chars]

Explanation Guardian Access failed

Recommended Action No action is required.

Error Message LIBGD-2-GD_CATASTROPHIC: Guardian catastrophic failure: [chars]

Explanation Guardian catastrophic error

Recommended Action No action is required.

Error Message LIBGD-2-GD_INTR: Guardian Interrupt occurred: [chars]

Explanation Interrupt occurred on the Guardian

Recommended Action No action is required.

Error Message LIBGD-2-SHUTDOWN: Guardian software process exiting: [chars]

Explanation Guardian shutting down

Recommended Action No action is required.

LIBGD-3

Error Message LIBGD-3-EN_DATA_FAILED: Guardian enable port failed for inst:[dec] port:[dec]

Explanation Guardian Enable port failed for the guardian

Recommended Action No action is required.

LIBGD-5

Error Message LIBGD-5-STARTING: Guardian process starting

Explanation Guardian process is being started

Recommended Action No action is required.

LIBGD-6

Error Message LIBGD-6-DIS_DATA: Guardian disable port done for inst:[dec] port:[dec]

Explanation Disabled port successfully for guardian

Recommended Action No action is required.

Error Message LIBGD-6-EN_PORT: Guardian enable port done for inst:[dec] port:[dec]

Explanation Enabled port for the Guardian

Recommended Action No action is required.

Error Message LIBGD-6-HW_INIT: GuardianHW initialization has been done for inst:[dec] port:[dec]

Explanation Guardian HW initialization has been called[dec]

Recommended Action No action is required.

LIBIFMGR Messages

This section contains the LIBIFMGR messages.

LIBIFMGR-5

Error Message LIBIFMGR-5-ALL_COUNTERS_CLEARED: All interface counters cleared by user

Explanation All interface counters cleared by user.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message LIBIFMGR-5-INTF_COUNTERS_CLEARED: Interface [chars] counters cleared by user

Explanation Interface counters cleared by user.

Recommended Action LOG_STD_SH_TECH_ACTION

LICMGR Messages

This section contains the LICMGR messages.

LICMGR-0

Error Message LICMGR-0-LOG_LIC_GRACE_EXPIRED: Grace period expired for feature [chars].

Explanation Unlicensed feature [chars] has exceeded itsgracetimeperiod.Applicationsusingwillbeshutdownimmediately.'

Recommended Action Please install the license file to continue using the feature.

LICMGR-1

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRED: Evaluation license expired for feature [chars].

Explanation The named feature has exceeded itsevaluationtimeperiod.Applicationsusingthelicensewillbeshutdownafteragraceperiod.'

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-1-LOG_LIC_LICENSE_EXPIRY_WARNING_ALERT: Evaluation license for feature [chars] will expire in [dec] days.

Explanation Feature [chars] has very limited time for expiry. Feature will expire in [dec] days and will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-1-LOG_LIC_NO_LIC_ALERT: No license(s) present for feature [chars]. Application(s) running in grace-period and will be shut down in [dec] days.

Explanation Feature [chars] has not been licensed. The feature will work for a grace period of [dec] days after which application(s) using the feature will be shut down.

Recommended Action Please install the license file to continue using the feature.

LICMGR-2

Error Message LICMGR-2-LOG_LICAPP_EXPIRY_WARNING: Application [chars] evaluation license [chars] expiry in [dec] days.

Explanation Application [chars1] will exceed its evaluation time period in [dec] days and will be shut down after a grace period unless a permanent license for feature [chars2] is installed.'

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-2-LOG_LICAPP_NO_LIC: Application [chars] running without [chars] license, shut down in [dec] days.

Explanation Application [chars1] has not been licensed. The application will work for a grace period of [dec] days after which it will be shut down unless a license file for feature [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-2-LOG_LIC_EXIT: License manager exiting: [chars]

Explanation License manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-2-LOG_LIC_INVALID_SERVER_LINE: License file [chars] contains invalid "SERVER" line. Contact TAC

Explanation Invalid SERVER line in license file.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-2-LOG_LIC_NO_LIC: No license(s) present for feature [chars]. Application(s) shut down in [dec] days.

Explanation Feature [chars] has not been licensed. The feature will work for a grace period of [dec] days after which application(s) using the feature will be shut down.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-2-LOG_LIC_NVRAM_DISABLED: Licensing NVRAM is not available. Grace period will be disabled: [chars]

Explanation The Supervisor NVRAM block may have a hardware problem and may need to be replaced

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-2-LOG_LIC_VENDOR_DOWN: License file contains invalid "SERVER" line. Vendor daemon down

Explanation Vendor daemon is down

Recommended Action Licensing

LICMGR-3

Error Message LICMGR-3-LOG_LIC_FILE_MISSING: License file(s) missing for feature [chars].

Explanation One or more license files for feature [chars] are missing and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_INVALID_HOSTID: Invalid license hostid VDH=[chars] for feature [chars].

Explanation Feature [chars2] has a license with an invalid license hostid VDH=[chars1]. This can occur if a supervisor card with licensed features for one switch is installed on another switch.

Recommended Action No action is required.

Error Message LICMGR-3-LOG_LIC_MESSAGE_ERROR: could not handle message: [chars] of type [dec] from addr [dec]:[dec].

Explanation Could not handle a IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-3-LOG_LIC_SERVER_DOWN: License Server Down [dec]

Explanation A connection to the license server was lost.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message LICMGR-3-LOG_LIC_SPROM_LIC: Feature [chars] issued [dec] licenses without a valid license file.

Explanation Feature [chars] has been licensed [dec] times without a valid license file. This means one or more license files are missing for feature [chars] and must be reinstalled.

Recommended Action Please install the license file to continue using the feature.

Error Message LICMGR-3-LOG_LIC_TOO_MANY_LIC: Only [dec] licenses are supported for [chars] feature, where as [dec] licenses are installed.

Explanation More licenses are installed than allowed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

LICMGR-4

Error Message LICMGR-4-LOG_LIC_LICENSE_EXPIRY_WARNING: Evaluation license for feature [chars] will expire in [dec] days.

Explanation Feature [chars] will exceed itsevaluationtimeperiodin[dec]daysandwillbeshutdown.'

Recommended Action Please install the license file to continue using the feature.

LICMGR-6

Error Message LICMGR-6-LOG_CHECKPOINT_CREATED: created during license expiry.

Explanation When a license expires, auto checkpoint is created to prevent configuration loss.

Recommended Action Rollback can be done to the created checkpoint when a new license is installed.

Error Message LICMGR-6-LOG_LIC_FEATURE_CLEARED: Cleared [dec] license(s) for feature [chars].

Explanation Uninstalled [dec] license(s) for feature [chars].

Recommended Action Use the showlicenseusage'commandtoverifythislicensefeatureremoval.'

Error Message LICMGR-6-LOG_LIC_FEATURE_INSTALLED: Installed [dec] license(s) for feature [chars].

Explanation Installed [dec] license(s) for feature [chars].

Recommended Action Use the showlicenseusage'commandtoverifythislicensefeatureinstallation.'

Error Message LICMGR-6-LOG_LIC_LICENSE_CLEARED_ALL: Cleared all licenses.

Explanation Cleared all license files.

Recommended Action No action is required.

Error Message LICMGR-6-LOG_LIC_LICENSE_CLEARED: Cleared license file [chars].

Explanation Uninstalled the named license file.

Recommended Action Use the showlicense'commandtoverifythislicenseremoval.'

Error Message LICMGR-6-LOG_LIC_LICENSE_INSTALLED: Installed license file [chars].

Explanation Installed the named license file.

Recommended Action Use the showlicense'commandtoverifythislicenseinstallation.'

LIM Messages

This section contains the LIM messages.

LIM-2

Error Message LIM-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message LIM-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command showportinternalallinterface[char]'.Inmostcases,youcanrecoverusinga'shutdown'followeda'noshutdown'ontheinterfaceorremovingandre-insertingthefibreopticcable.'

Error Message LIM-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message LIM-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message LIM-2-SYSLOG_LIM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

LIM Messages

LIM-3

Error Message LIM-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform shut'and'noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message LIM-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message LIM-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message LIM-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message LIM-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message LIM-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message LIM-3-IF_XCVR_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message LIM-3-IF_XCVR_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

LIM Messages

LIM-4

Error Message LIM-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message LIM-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was a warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message LIM-4-IF_XCVR_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

LIM Messages

LIM-5

Error Message LIM-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action No action is required.

Error Message LIM-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform noshutdown"

Error Message LIM-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message LIM-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message LIM-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message LIM-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action

showportinternalevent-historymsgswillindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message LIM-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of

showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message LIM-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message LIM-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message LIM-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message LIM-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message LIM-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module hardware has failed'

Recommended Action Collect more information about failed module using command show module internal all module"

Error Message LIM-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a show port internal info 'to determine the list of modes supported on this interface'

Error Message LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from show port internal info"

Error Message LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from show port internal info"

Error Message LIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a show port internal info 'to determine the range of speeds supported on this interface'

Error Message LIM-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of `showportinternalevent-history` to determine what it is waiting for

Error Message LIM-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message LIM-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command `attachmodule` to connect to module

Error Message LIM-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message LIM-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command `showportinternalinfo/event-history` to determine why it went down

Error Message LIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message LIM-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message LIM-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannelmembers'

Error Message LIM-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message LIM-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message LIM-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message LIM-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message LIM-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message LIM-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message LIM-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message LIM-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message LIM-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message LIM-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message LIM-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message LIM-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message LIM-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message LIM-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message LIM-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action No action is required.

Error Message LIM-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message LIM-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action No action is required.

Error Message LIM-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message LIM-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message LIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message LIM-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message LIM-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message LIM-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message LIM-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message LIM-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

LIT Messages

This section contains the LIT messages.

LIT-6

Error Message LIT-6-LIT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

LLDP Messages

This section contains the LLDP messages.

LLDP-1

Error Message LLDP-1-NO_DCBX_ACKS_RECV_FOR_LAST_10_PDUs: No Acks have been received on Interface [chars] for last [dec] DCBX PDUs

Explanation No Acks Received

Recommended Action No action is required.

LLDP-3

Error Message LLDP-3-DETECT_MULTIPLE_PEERS: Multiple peers detected on [chars]

Explanation Multiple peers detected on an interface

Recommended Action No action is required.

Error Message LLDP-3-INVALID_DCBXP_RECEIVED: Received an invalid DCBXP on [chars]

Explanation Received an invalid DCBXP on an interface

Recommended Action No action is required.

Error Message LLDP-3-INVALID_LLDP_RECEIVED: Received an invalid LLDP on [chars]

Explanation Received an invalid LLDP on an interface

Recommended Action No action is required.

Error Message LLDP-3-LLDP_INTERNAL_ERROR: LLDP internal error: [chars]

Explanation Internal error is encountered

Recommended Action No action is required.

LLDP-5

Error Message LDP-5-LDP_DISABLED: LDP Disabled

Explanation MPLS_LDP Service Disabled

Recommended Action No action is required.

Error Message LDP-5-LDP_ENABLED: LDP Enabled

Explanation MPLS_LDP Service nabled

Recommended Action No action is required.

LLDP-6

Error Message LLDP-6-DETECT_REMOTE_CHANGE: Remote change detected on [chars]

Explanation Remote change detected on an interface

Recommended Action No action is required.

Error Message LLDP-6-DETECT_REMOTE_DCBXP_CHANGE: Remote DCBXP change detected on [chars]

Explanation Remote DCBXP change detected on an interface

Recommended Action No action is required.

M2FIB Messages

This section contains the M2FIB messages.

M2FIB-SLOT#-0

Error Message M2FIB-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation M2FIB failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation M2FIB failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

M2FIB-SLOT#-2

Error Message M2FIB-SLOT#-2-M2FIB_MAC_TBL_PRGMING: Failed to program the mac table on FE [dec] for group: FTAG [dec], ([dec] (BD [dec]), *, [chars]). Error: [chars]. To avoid multicast traffic loss, disable OMF using the CLI: "no ip igmp snooping optimise-multicast-flood"

Explanation Failed to program the mac table. This is a critical failure please check m2fib errored transactions

Recommended Action No action is required.

Error Message M2FIB-SLOT#-2-M2FIB_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message M2FIB-SLOT#-2-VLAN_NOT_FOUND: M2fib recvd invalid vlan!

Explanation M2FIB failed to process the route update as the vlan recvd was invalid

Recommended Action No action is required.

M2FIB-SLOT#-6

Error Message M2FIB-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation M2FIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in M2FIB was successful.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation M2FIB has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_VLAN_CREATED: VLAN [dec] created in VDC [dec]

Explanation M2FIB has added VLAN [dec] in VDC [dec].

Recommended Action No action is required.

Error Message M2FIB-SLOT#-6-VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation M2FIB has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

M2RIB Messages

This section contains the M2RIB messages.

M2RIB-0

Error Message M2RIB-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation M2RIB failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

M2RIB-2

Error Message M2RIB-2-FLOOD_PROG_ERR1: Prev:[chars], Collect console logs and output of show tech-support m2rib

Explanation M2RIB has hit flood prog error. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-FLOOD_PROG_ERR2: Curr:[chars], Collect console logs and output of show tech-support m2rib

Explanation M2RIB has hit flood prog error. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation M2RIB encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message M2RIB-2-M2RIB_INIT: M2RIB initialization of [chars] [chars]

Explanation M2RIB initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message M2RIB-2-MFDM_API_ERROR: ERROR PROG FLOOD ROUTES: Status:[chars] Msg_Ref_State:[hex] Prev_Count:[dec] Curr_Count:[dec] Prev_Msg:[hex] Curr_Msg:[hex], Collect output of show tech-support m2rib

Explanation MFDM returned Failure for flood programming. Collect output of show tech-support m2rib for further analysis

Recommended Action No action is required.

Error Message M2RIB-2-MFDM_TIMEOUT_ERR: M2RIB timed out waiting for MFDM: Transaction: %p, Transaction entry: [chars]

Explanation Transaction timer for the message sent from M2RIB to MFDM has expired. Ack not received from MFDM.

Recommended Action No action is required.

M2RIB-6

Error Message M2RIB-6-INITIALIZED: Internal state created [chars]

Explanation M2RIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message M2RIB-6-SERVICE_UP: Initialized [chars]

Explanation M2RIB line 2.

No action is required.

MAC Messages

This section contains the MAC messages.

MAC-SLOT#-2

Error Message MAC-SLOT#-2-MAC_INFO: [chars]

Explanation MAC Informational message

Recommended Action No action is required.

MCAST Messages

This section contains the MCAST messages.

MCAST-2

Error Message MCAST-2-SHUTDOWN: Process shutting down: [chars]

Explanation Mcast is shutting down

Recommended Action The action depends on the situation. The multicast process can shut down gracefully because of a system restart (in which case no action needs to take place) or because of a failure. The message associated with the syslog should be self explanatory to understand the reason for the shutdown. If the process is able to restart properly, there is no immediate harm for the system stability and the suggested action is to report the syslog event together with an explanation of the operations most recently performed on the system.

MCAST-4

Error Message MCAST-4-ERROR: [chars]

Explanation Mcast encountered a generic error

Recommended Action No action is required.

MCAST-5

Error Message MCAST-5-BAD_MSG: Received bad message: [chars]

Explanation Mcast has received a malformed/unrecognized message

Recommended Action No action is required.

Error Message MCAST-5-START: Process has been started

Explanation Mcast has been started

Recommended Action No action is required.

MCECTEST Messages

This section contains the MCECTEST messages.

MCECTEST-3

Error Message MCECTEST-3-ASSERTION_FAILED: [chars]

Explanation MCECTEST has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message MCECTEST-3-INIT_FAIL: [chars]

Explanation MCECTEST Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message MCECTEST-3-INTERNAL_ERR: [chars]

Explanation MCECTEST encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message MCECTEST-3-MTS_ERR: [chars]

Explanation MCECTEST encountered an MTS error due to [chars]

Recommended Action No action is required.

MCECTEST-5

Error Message MCECTEST-5-MCECTEST_DISABLED: MCECTEST Disabled

Explanation MCECTEST Service Disabled

Recommended Action No action is required.

Error Message MCECTEST-5-MCECTEST_ENABLED: MCECTEST Enabled

Explanation MCECTEST Service enabled

Recommended Action No action is required.

MCECTEST-6

Error Message MCECTEST-6-INTERNAL_INFO: [chars]

Explanation MCECTEST got an internal info [chars]

Recommended Action No action is required.

MCM Messages

This section contains the MCM messages.

MCM-2

Error Message MCM-2-MCM_CRITICAL_ERROR: Internal Critical Error

Explanation Some critical error

Recommended Action No action is required.

Error Message MCM-2-MCM_REPLICATION_DISABLED: Proxy layer-3 modules are not available for replication. Proxy layer-3 multicast replication is disabled.

Explanation Replication is disabled

Error Message No action is required.MCM-2-MCM_REQ_RESP_ERROR: Error ([hex]: [chars]) while communicating with component :[chars], opcode: [chars] (for: [chars])

Explanation Error in request-response handshake

Recommended Action No action is required.

Error Message MCM-2-MCM_ROUTING_DISABLED: Proxy layer-3 modules are not available for routing. Proxy layer-3 forwarding is disabled.

Explanation Routing is disabled

Recommended Action No action is required.

MCM-5

Error Message MCM-5-MCM_SDB_UPDATE_FAILED: sdb update failed with ret_val [dec]

Explanation SDB updated failed for MCM

Recommended Action No action is required.

MCM-6

Error Message MCM-6-MCM_REPLICATION_ENABLED: Proxy layer-3 modules are UP and available for replication. Proxy layer-3 multicast replication is enabled.

Explanation Replication is enabled

Recommended Action No action is required.

Error Message MCM-6-MCM_ROUTING_ENABLED: Proxy layer-3 modules are UP and available for routing. Proxy layer-3 forwarding is enabled.

Explanation Routing is enabled

Recommended Action No action is required.

METROPOLIS_USD Messages

This section contains the METROPOLIS_USD messages.

METROPOLIS_USD-3

Error Message METROPOLIS_USD-3-METRO_MSG1: [chars]

Explanation METRO log message

No action is required.

MFDM Messages

This section contains the MFDM messages.

MFDM-2

Error Message MFDM-2-DI_REUSE: LTL node exists with DI [dec] oiflist_index [dec] type [dec] and same DI returned for oiflist_index [dec] type [dec] Please collect show tech-support forwarding distribution l2/l3 multicast and show tech-support pixm.

Explanation PIXM returned duplicate DI.

Recommended Action No action is required.

Error Message MFDM-2-DOWNLOAD_TIMEOUT: Download of L2/L3 route databases timed out : download_in_progress_slots [hex] for database [chars] [chars] [chars]

Explanation Download of L2/L3 route databases timed out. Download triggered by VMM insert request.

Recommended Action No action is required.

Error Message MFDM-2-INTERNAL_ERROR: MFDM-[chars] Internal error : show system internal mfdm errors for more information

Explanation MFDM PD hit a internal error. show system internal mfdm errors for futher analysis.

Recommended Action No action is required.

Error Message MFDM-2-LC_ACK_TIMEOUT: Ack from slot:[chars] timeout - xid:[hex], opcode:[chars], [chars].

Explanation Response from LC timeout for update

Recommended Action No action is required.

Error Message MFDM-2-REF_OUTOFSYNC: In Decrement ltl_node ref_count: [dec] is less than count: [dec] passed in for DI: [hex], oiflist_index: [dec], type: [dec]. Possible PI/PD refcount out-of-sync. Please collect show tech-support forwarding distribution l2/l3 multicast and show tech-support pixm.

Explanation MFDM PI/PD refcount out-of-sync

Recommended Action No action is required.

Error Message MFDM-2-XID_TAMPERED: Correcting xid in resp - rrtoken:[hex], req(xid:[dec], rt_cnt:[dec], msg_len:[dec], flag:[dec]), resp(xid:[dec], rt_cnt:[dec], msg_len:[dec], flag:[dec])

Explanation MFDM tampered xid in OTV response payload

Recommended Action No action is required.

MODULE Messages

This section contains the MODULE messages.

MODULE-2

Error Message MODULE-2-LCM_PRE_UPGRADE_GENERAL_FAIL: Pre upgrade message fails seq [dec]

Explanation Pre upgrade message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_DONE_GENERAL_FAIL: Upgrade done message fails SAP [chars]

Explanation Upgrade ready message failed.

Recommended Action Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_OVER_FAIL: Upgrade over message returned [dec] [hex] for SAP [dec]

Explanation Upgrade done message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_READY_FAIL: Upgrade ready message returned [dec] [hex] for SAP [dec]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message MODULE-2-LCM_UPGRADE_READY_GENERAL_FAIL: Upgrade ready message fails SAP [chars]

Explanation Upgrade ready message failed.

Recommended Action No action is required.

Error Message MODULE-2-MOD_DIAG_FAIL: Module [dec] (Serial number: [chars]) reported failure [chars] due to [chars] in device [chars] (device error [hex])

Explanation The module in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_DNLD_FAIL: Image download failed for module [dec] (Serial number: [chars])

Explanation Module [decimal digit] failed to download a new image from the supervisor.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_FAILURE: Re-initializing module [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all module '.

Error Message MODULE-2-MOD_FAILURE: Re-initializing module [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands showmodule_internalallmodule<modulenumber

Error Message MODULE-2-MOD_FAIL: Initialization of module [dec] (Serial number: [chars]) failed

Explanation Module [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all module '.

Error Message MODULE-2-MOD_MAJORSWFAIL: Module [dec] (Serial number: [chars]) reported a critical failure in service [chars]

Explanation A critical failure in service [string] happened at module [decimal digit] is going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_MINORSWFAIL: Module [dec] (Serial number: [chars]) reported a failure in service [chars]

Explanation A non-critical failure in service [string] happened at module [decimal digit] is not going to reset the module [decimal digit].

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_NOT_ALIVE: Module [dec] not responding... resetting (Serial number: [chars])

Explanation Module [decimal digit] is not replying to the hello message: module manager is then going to reset the module.

Recommended Action No action is required.

Error Message MODULE-2-MOD_REGFAILED: Registration failed for module [dec]

Explanation Module [decimal digit] sent the registration message notifying a failure.

Recommended Action Collect module internal information by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_SOMEPORTS_FAILED: Module [dec] (Serial number: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [chars] (error [hex])

Explanation Module [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all module [decimal digit]'.

Error Message MODULE-2-MOD_UNKNOWN: Module type [[dec]] in slot [dec] is not supported

Explanation The software card id of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands 'show module internal all module [decimal digit]'

Error Message MODULE-2-XBAR_DIAG_FAIL: Xbar [dec] (Serial number: [chars]) reported failure [chars] due to [chars] in device [chars] (device error [hex])

Explanation The xbar in slot [decimal digit] reported a failure in the runtime diagnostic. Module manager is going to power cycle the module.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message MODULE-2-XBAR_FAILURE: Re-initializing xbar [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all xbar '.

Error Message MODULE-2-XBAR_FAILURE: Re-initializing xbar [dec] (Serial number: [chars]) failed. Received lc_failed from sap [hex] failure reason [hex]

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands showmodule_internalallxbar<modulenumber

Error Message MODULE-2-XBAR_FAIL: Initialization of xbar [dec] (Serial number: [chars]) failed

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be powered down.

Recommended Action Collect information about the module by issuing the commands 'show module_internal all xbar '.

Error Message MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (Serial number: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [chars] (error [hex])

Explanation Xbar [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command 'show module internal all xbar [decimal digit]'.

Error Message MODULE-2-XBAR_SOMEPORTS_FAILED: Xbar [dec] (Serial number: [chars]) reported failure on ports [dec]/[dec]-[dec]/[dec] ([chars]) due to [chars] in device [chars] (error [hex])

Explanation Xbar [decimal digit] reported a failure in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command `showmoduleinternalallxbar[decimaldigit]'`

Error Message MODULE-2-XBAR_UNKNOWN: Xbar type [[dec]] in slot [dec] is not supported

Explanation The software card id of xbar [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the commands `'show module internal all xbar [decimal digit]'`

MODULE-3

Error Message MODULE-3-LCM_SEQ_ERROR: Error ([chars]) for slot:[dec] while communicating with component [chars] opcode:[chars] (for:[dec])

Explanation LCM encountered an error while executing a sequence for a module.

Recommended Action No action is required.

Error Message MODULE-3-LCM_SYSLOG_ERR: [chars]

Explanation LCM encountered an error while processing a message for module.

Recommended Action No action is required. '

Error Message MODULE-3-MOD_SRG_NOT_COMPATIBLE: Module [dec] (Serial number: [chars]) firmware is not compatible with supervisor, downloading new image

Explanation The software version of module [decimal digit] is not supported by the supervisor.

Recommended Action Collect information about the module by issuing the command `showmoduleinternalallmodule[decimaldigit]'`

MODULE-4

Error Message MODULE-4-MOD_WARNING: Module [dec] (Serial number: [chars]) reported warning [chars] due to [chars] in device [chars] (device error [hex])

Explanation Module [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command `showmoduleinternalallmodule[decimaldigit]'`.

Error Message MODULE-4-XBAR_WARNING: Xbar [dec] (Serial number: [chars]) reported warning [chars] due to [chars] in device [chars] (device error [hex])

Explanation Xbar [decimal digit] reported a warning in the runtime diagnostic due to failure in some of the ports.

Recommended Action Collect information about the module by issuing the command `showmoduleinternalallxbar[decimaldigit]'`.

MODULE-5

Error Message MODULE-5-ACTIVE_SUP_OK: Supervisor [dec] is active (Serial number: [chars])

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-LCM_MODULE_UPGRADE_END: Upgrade of module [dec] ended

Explanation Upgrade of the module has ended.

Recommended Action No action is required.

Error Message MODULE-5-LCM_MODULE_UPGRADE_START: Upgrade of module [dec] started

Explanation Upgrade of the module has been started by installer

Recommended Action No action is required.

Error Message MODULE-5-MOD_OK: Module [dec] is online (Serial number: [chars])

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-MOD_REINIT: Re-initializing module [dec] (Serial number: [chars])

Explanation Module [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands `showmodule_internalallmodule<modulenumber`

Error Message MODULE-5-MOD_RESTART: Module [dec] is restarting after image download

Explanation Module [decimal digit] completed image download and is restarting.

Recommended Action No action is required.

Error Message MODULE-5-MOD_STARTUP_CFG_MISMATCH: The startup configuration cannot be applied to a different module type for module [dec] (Serial number: [chars]). [chars] module is replacing [chars].

Explanation The startup configuration for module [decimal digit] contains information about a different type of module instead of containing information about the current one.

Recommended Action No action is required.

Error Message MODULE-5-STANDBY_SUP_OK: Supervisor [dec] is standby

Explanation Module [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-XBAR_OK: Xbar [dec] is online (Serial number: [chars])

Explanation Xbar [decimal digit] is ready to be configured and be able to switch traffic.

Recommended Action No action is required.

Error Message MODULE-5-XBAR_REINIT: Re-initializing xbar [dec] (Serial number: [chars])

Explanation Xbar [decimal digit] reported a failure during the initialization phase and will be rebooted.

Recommended Action Collect information about the module by issuing the commands `showmodule_internalallxbar<modulenumber`

MODULE-6

Error Message MODULE-6-MOD_PURGE_CONFIG: Purging the configuration for module [dec]

Explanation Notification is being sent to remove the module configurations.

Recommended Action No action is required.

Error Message MODULE-6-MOD_REG_OK: Registration succeeded for module [dec]

Explanation Module [decimal digit] sent a successful registration message.

Recommended Action No action is required.

MONITOR Messages

This section contains the MONITOR messages.

MONITOR-3

Error Message MONITOR-3-ETH_SPAN_SPM_TIMER_EXPIRY: SPM request timed out for ssn: [dec]

Explanation SPM Request timed out for ERSPAN-DST session

Recommended Action No action is required.

MONITOR-5

Error Message MONITOR-5-ETH_SPAN_SESSION_CREATED: Session [dec] created

Explanation A new span session has been created.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_DELETED: Session [dec] deleted

Explanation Session has been deleted.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_DOWN: Session [dec] is down. Reason "[chars]"

Explanation Session is down, no further traffic will be spanned.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SESSION_ERROR: Session [dec] is having error. Reason "[chars]"

Explanation The session is experiencing a problem.

Recommended Action Delete the session and try to reconfigure it

Error Message MONITOR-5-ETH_SPAN_SESSION_UP: Session [dec] is up.

Explanation Session is up now. You can monitor Spanned traffic at the destination ports

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SOURCE_ADDED: Source [chars] added to session [dec]

Explanation A new source has been added.

Recommended Action No action is required.

Error Message MONITOR-5-ETH_SPAN_SOURCE_REMOVED: Source [chars] removed from session [dec]

Explanation A source has been removed.

Recommended Action No action is required.

MTM Messages

This section contains the MTM messages.

MTM-SLOT#-0

Error Message MTM-SLOT#-0-CLI_INIT_FAILED: CLI library initialization failed!

Explanation MTM failed to initialize CLI infrastructure's backend library. This is a fatal error.

Recommended Action No action is required.

Error Message MTM-SLOT#-0-FE_TIMER_EXPIRED: FE timer expired for fe [dec]!

Explanation Driver has failed to respond to MTM request within MTM_FE_TO_TIMER_INTERVAL.This is a fatal error.

Recommended Action No action is required.

Error Message MTM-SLOT#-0-TIMER_INIT_FAILED: Timer subsystem initialization failed!

Explanation MTM failed to initialize timer library. This is a fatal error.

Recommended Action No action is required.

MTM Messages

MTM-SLOT#-1

Error Message MTM-SLOT#-1-L2_USD_REQ_FAILED: Failed to send request to the L2 ASIC driver.

Explanation Failed to send request to L2 ASIC driver.

Recommended Action No action is required.

MTM Messages

MTM-SLOT#-2

Error Message MTM-SLOT#-2-FE_MAC_TABLE_LINE_FULL: Failed to insert static mac as MAC table line is full for FE [dec]!

Explanation Static mac insert failed due to line full condition.

Recommended Action No action is required.

Error Message MTM-SLOT#-2-HWIDX_TO_IF_FAILED_SUMMARY: Failed to get interface for hardware index for [dec] entries

Explanation Failed to get interface for hardware Index for [dec] entries

Recommended Action No action is required.

Error Message MTM-SLOT#-2-IF_TO_HWIDX_FAILED_SUMMARY: Failed to get hardware index for interface Index for [dec] entries.

Explanation Failed to get hardware index for interface Index for [dec] entries.

Recommended Action No action is required.

Error Message MTM-SLOT#-2-MTM_MEM_ALLOC: Memory allocation failed. [chars]

Explanation Memory allocation failed. This is a critical failure

Recommended Action No action is required.

Error Message MTM-SLOT#-2-MULTICAST_SOURCE_MAC_LEARNT: Inserted dynamically learnt multicast source mac [chars] in vlan [dec]!. Issue showhardwaremacaddress-table<mod

Explanation Multicast mac address: [hex] sent as source mac in a packet and was learnt in the Mac Table. Please execute: clear mac address-table dynamic multicast-entries

Recommended Action No action is required.

Error Message MTM-SLOT#-2-STATIC_MATCH: Failed to program static match registers for [chars].

Explanation Failed to program the required registers in L2 ASIC for [chars].

Recommended Action No action is required.

Error Message MTM-SLOT#-2-STP_BPDU_MATCH: Failed to program static match registers for BPDU matching.

Explanation Failed to program the required registers in L2 ASIC for BPDU matching. BPDUs will not be received by Spanning tree.

Recommended Action No action is required.

Error Message MTM-SLOT#-2-VLAN_NOT_FOUND: VLAN [dec] not found in MTM database!

Explanation MTM failed to find VLAN [dec] in its database. L2 MAC learning & aging on VLAN [dec] may be affected.

Recommended Action No action is required.

MTM Messages

MTM-SLOT#-5

Error Message MTM-SLOT#-5-AGEGRP_ALLOC_FAILED: Age group allocation for age [dec] failed.

Explanation Age group allocation for age [dec] failed. The total number of allocated age group has reached system limits.

Recommended Action No action is required.

Error Message MTM-SLOT#-5-ALL0_LRN_DISABLE_FAIL: Failed to program static match register to disable learning all 0 MAC.

Explanation Failed to program the required registers in L2 ASIC to disable learning all 0 MAC.

Recommended Action No action is required.

MTM Messages

MTM-SLOT#-6

Error Message MTM-SLOT#-6-INITIALIZED: Internal state created [chars]

Explanation MTM has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

Error Message MTM-SLOT#-6-VDC_CREATED: VDC [dec] created

Explanation Request to create VDC [dec] in MTM was successful.

Recommended Action No action is required.

Error Message MTM-SLOT#-6-VDC_REMOVED: VDC [dec] Removed

Explanation MTM has successfully removed VDC [dec] from its databases.

Recommended Action No action is required.

Error Message MTM-SLOT#-6-VDC_VLAN_CREATED: VLAN [dec] created in VDC [dec]

Explanation MTM has added VLAN [dec] in VDC [dec].

Recommended Action No action is required.

Error Message MTM-SLOT#-6-VDC_VLAN_REMOVED: VLAN [dec] removed from VDC [dec]

Explanation MTM has successfully removed VLAN [dec] from VDC [dec].

Recommended Action No action is required.

NFM Messages

This section contains the NFM messages.

NFM-2

Error Message NFM-2-COMMIT_FAIL: Commit failed: client [hex], [chars]

Explanation The DDB commit failed

Recommended Action No action is required.

Error Message NFM-2-DDB_FAILURE: DDB failure: [chars]

Explanation A DDB generated failure

Recommended Action No action is required.

Error Message NFM-2-EXITING: Exit reason: [chars]

Explanation The NFM service process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message NFM-2-INIT_FAIL: NFM Service Init failed: [chars]

Explanation NFM Service initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message NFM-2-MALLOC_ERROR: Function [chars]: Size [dec] bytes

Explanation The NFM service could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NFM-2-PSS_ERROR: [chars]: PSS ret. val=[dec]

Explanation The NFM service encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message NFM-2-VERIFY_FAIL: Verify failed - Client [hex], Reason: [chars], Interface: [chars]

Explanation The DDB Verify failed

Recommended Action No action is required.

NFM-3

Error Message NFM-3-DDB_ERROR: DDB error: [chars]

Explanation The DDB generated error

Recommended Action No action is required.

Error Message NFM-3-FEATURE_MANAGER_ERROR: [chars]: An error occurred processing a Feature Manager msg - error [chars]

Explanation An error occurred while processing a message from FEATURE Manager

Recommended Action No action is required.

Error Message NFM-3-HANDLE_IN_USE: [chars]: name: [chars]

Explanation The NFM service encountered a handle that was in use while reading a persistent storage database.

Recommended Action No action is required.

Error Message NFM-3-INVALID_HANDLE: [chars]: handle =[hex]

Explanation The NFM service encountered an invalid handle in a persistent storage database.

Recommended Action No action is required.

Error Message NFM-3-MONITOR_NOT_FOUND: Monitor with handle [hex] from source [hex]

Explanation An Export Msg from a Linecard contained an invalid Monitor handle

Recommended Action No action is required.

Error Message NFM-3-MTS_ERROR: NFM encountered the following MTS error: [chars]

Explanation NFM Service encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message NFM-3-NFM_CONFIG_ERROR: [chars]

Explanation L2 Netflow config is applied on Port-channel with F1 Line Cards only - error

Recommended Action No action is required.

Error Message NFM-3-NFM_DDB_ERROR: DDB error: [chars]

Explanation The DDB generated error

Recommended Action No action is required.

Error Message NFM-3-PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The NFM service has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message NFM-3-VLAN_PARSE_ERROR: [chars]: An error occurred processing a VLAN Mgr Parse msg [hex]

Explanation An error occurred while processing a message from VLAN Manager

Recommended Action No action is required.

NFM-4

Error Message NFM-4-DDB_WARNING: DDB warning: [chars]

Explanation The DDB generated warning

Recommended Action No action is required.

Error Message NFM-4-LICENSE_EXPIRED: The License has expired.

Explanation The NFM service requires a License to run and exits when the License expires.

Recommended Action No action is required.

Error Message NFM-4-NFM_DDB_WARNING: DDB warning: [chars]

Explanation The DDB generated warning

Recommended Action No action is required.

Error Message NFM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the NFM service and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

NFM-5

Error Message NFM-5-FEATURE_DISABLED: NetFlow Disabled.

Explanation NetFlow Feature Disabled.

Recommended Action No action is required.

Error Message NFM-5-FEATURE_ENABLED: NetFlow Enabled.

Explanation NetFlow Feature Enabled.

Recommended Action No action is required.

NFM-6

Error Message NFM-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The NFM service on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message NFM-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The NFM service became standby from active mode.

Recommended Action No action is required.

Error Message NFM-6-DDB_NOTIF: DDB notification: [chars]

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message NFM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The NFM service was unable to send heartbeat to the system manger

Recommended Action No action is required.

Error Message NFM-6-NFM_DDB_NOTIF: DDB notification: [chars]

Explanation The DDB generated notification

Recommended Action No action is required.

Error Message NFM-6-SERVICE_UP: Initialized [chars]

Explanation The NFM service is up and ready The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message NFM-6-SRV_EXIT: NFM Service shutting down gracefully

Explanation NFM Service is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message NFM-6-SWITCH_OVER: Switching Over to other Sup.

Explanation The NFM service has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

NFM-7

Error Message NFM-7-DEBUG: [chars]

Explanation Debug information is being sent to syslog

Recommended Action No action is required.

NFP Messages

This section contains the NFP messages.

NFP-SLOT#-2

Error Message NFP-SLOT#-2-NF_ACL_ERR: [chars]([dec]): acl error. [chars]

Explanation Acl error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_DDB_ERR: [chars]([dec]): ddb error. [chars]

Explanation Ddb error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NFP-SLOT#-2-NF_ERR: [chars]([dec]): nfp error. [chars]

Explanation Nfp error occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NFP-SLOT#-2-NF_FIB_ERR: [chars]([dec]): fib error. [chars]

Explanation Fib error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_NDE_ERR: [chars]([dec]): nde error. [chars]

Explanation Nde error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_NFM_ERR: [chars]([dec]): nfm error. [chars]

Explanation Nfm error

Recommended Action No DDTS.

Error Message NFP-SLOT#-2-NF_QOS_ERR: [chars]([dec]): qos error. [chars]

Explanation Qos error

Recommended Action No DDTS.

NFP-SLOT#-5

Error Message NFP-SLOT#-5-NF_INFO: [chars]

Explanation Info

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

NPC Messages

This section contains the NPC messages.

NPC-SLOT#-3

Error Message NPC-SLOT#-3-LOG_NPC_ERR: Nonrecoverable error: [chars]

Explanation Errors which cause program to exit occurred

Recommended Action No action is required.

NPC-SLOT#-4

Error Message NPC-SLOT#-4-LOG_NPC_WARNING: Serious error: [chars]

Explanation Serious errors which affect all normal operations occurred

Recommended Action No action is required.

NPC-SLOT#-5

Error Message NPC-SLOT#-5-LOG_NPC_DEBUG: Unexpected error: [chars]

Explanation Unexpected errors which affect some normal operations occurred

Recommended Action No action is required.

Error Message NPC-SLOT#-5-LOG_NPC_NVP_FSM: Illegal event received: [chars]

Explanation Illegal event received in NPC_NVP FSM

Recommended Action No action is required.

Error Message NPC-SLOT#-5-LOG_NPC_VSAN_FSM: Illegal event received: [chars]

Explanation Illegal event received in NPC_VSAN FSM

Recommended Action No action is required.

NPV Messages

This section contains the NPV messages.

NPV-2

Error Message NPV-2-CFS_PEER_LOST_WITHIN_SESSION: CFS peer with switch wwn [chars] was lost in the middle of an active CFS session. Abort the CFS session and re-enter the configuration changes

Explanation Due to port flaps, link outages, switch restart etc. a CFS peer switch of NPV was lost. The current configuration changes would not be applied to this peer until the peer merges with this switch. The CFS merge may fail if the configuration at the lost peer conflicts with the changes made in this session. It is recommended that the user abort this CFS session using ivr abort command and then re-enter the configuration changes.

Recommended Action No action is required.

Error Message NPV-2-NPV_DISABLE_FAILED: NPV could not disabled : [chars] [chars]

Explanation NPM could not disabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message NPV-2-NPV_ENABLE_FAILED: NPV could not enabled : [chars] [chars]

Explanation NPM could not enabled due to the reason specified. Please try again.

Recommended Action No action is required.

Error Message NPV-2-NPV_EXITED: NPV process exited in file [chars] at Line [chars]:[chars]

Explanation NPM process encountered a critical error as specified, and so NPV process cannot continue.

Recommended Action No action is required.

NPV-3

Error Message NPV-3-ACL_UPDATE_FAILED: [chars]

Explanation ACL update request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-CFS_INVALID_PAYLOAD_RECEIVED: NPV received invalid payload from CFS

Explanation NPV process received invalid payload from CFS.

Recommended Action No action is required.

Error Message NPV-3-CLEAR_FAILED: [chars]

Explanation An error occurred while clearing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_FAILED: [chars]

Explanation An error occurred while committing configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_PARTIALLY_FAILED: [chars]

Explanation An error occurred while committing configuration. Configuration could not be committed on some switches. The reason for the failure : [chars]. Configuration can be inconsistent in the fabric.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-COMMIT_REJECTED: [chars]

Explanation Commit request received from remote switch is rejected. The reason for the failure: [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-FC2_SEND_FAILED: [chars]

Explanation NPV process could send an FC2 message.

Recommended Action No action is required.

Error Message NPV-3-F_RJT_SENT: [chars]

Explanation NPV process sent an F_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-INTERNAL_ERROR: Internal error: [chars]

Explanation NPV process encountered a general error, one that does not fall in any of the categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message NPV-3-LCP_PROGRAMMING_FAILED: [chars]

Explanation LCP programming request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-LS_RJT_RCVD: [chars]

Explanation NPV process received an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-LS_RJT_SENT: [chars]

Explanation NPV process sent an LS_RJT frame.

Recommended Action No action is required.

Error Message NPV-3-MALLOC_FAILED: [chars]

Explanation NPV process could not allocate memory

Recommended Action No action is required.

Error Message NPV-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation An error occurred while activating merged configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-MERGE_FAILED: [chars]

Explanation An error occurred while merging configuration. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message NPV-3-MTS_SEND_FAILED: [chars]

Explanation NPV process could not send an MTS message.

Recommended Action No action is required.

Error Message NPV-3-NPIV_DISABLE_FAILED: [chars]

Explanation NPIV feature could not be disabled.

Recommended Action No action is required.

Error Message NPV-3-NPV_CFS_IPV4_ENABLE_FAILED: CFS IPv4 distribution enable failed because [chars]

Explanation NPV CFS distribution might not work. Try enabling it again on the command line. Make sure cfs distribution is enabled.

Recommended Action No action is required.

Error Message NPV-3-PORT_BRINGUP_FAILED: [chars]

Explanation NPV process has failed to bringup the port

Recommended Action No action is required.

Error Message NPV-3-PORT_REINIT_FAILED: [chars]

Explanation Port reinit request initiated by the NPV process has failed

Recommended Action No action is required.

Error Message NPV-3-UNLOCK_FAILED: [chars]

Explanation An error occurred while releasing the lock. The reason for the failure : [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

NPV-4

Error Message NPV-4-NPV_NPIV_NOT_ENABLED_ON_UPSTREAM_SWITCH: [chars]

Explanation This syslog is printed when the external interface fails to come up due to NPIV feature not enabled on the upstream switch.

Recommended Action Verify and enable NPIV feature in upstream switch.

Error Message NPV-4-NPV_PORT_VSAN_MISMATCH_ON_UPSTREAM_LINK: [chars]

Explanation This syslog is printed when the external interface fails to come up due to upstream port VSAN mis-match with the upstream switch.

Recommended Action Make sure port VSAN is same on both sides of this external link

NPV-5

Error Message NPV-5-ASSERTION_FAILED: Unexpected assertion failure in File [chars] at Line [dec]

Explanation An assertion failed in NPV code

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_AUTO_ASSIGNED: A virtual port WWN [chars] has been automatically assigned to interface [chars]

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_MANUALLY_ASSIGNED: A virtual port WWN [chars] has been manually assigned to interface [chars]

Explanation The virtual port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FLEXATTACH_VPWWN_UNASSIGNED: The virtual port WWN has been unassigned from interface [chars]

Explanation The physical port WWN will be used as port WWN for devices logging in on this interface.

Recommended Action No action is required.

Error Message NPV-5-FRAME_DISCARDED: [chars]

Explanation NPV process discarded an FC2 frame.

Recommended Action No action is required.

Error Message NPV-5-NPV_LOAD_BALANCE_REINIT: Server ports reinitialized : [chars]

Explanation Server ports are reinitialized to balance the loads on the external interfaces.

Recommended Action No action is required.

Error Message NPV-5-UNEXPECTED_EVENT: [chars]

Explanation NPV process has received an unexpected event in the current state.

Recommended Action No action is required.

NPV-6

Error Message NPV-6-ABTS_SENT: [chars]

Explanation NPV process sent an ABTS frame.

Recommended Action No action is required.

Error Message NPV-6-ELS_CMD_SENT_TO_CORE: [chars]

Explanation NPV process sent an ELS frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-ELS_CMD_SENT_TO_SRV: [chars]

Explanation NPV process sent an ELS frame to the server.

Recommended Action No action is required.

Error Message NPV-6-EXT_IF_SELECTED: [chars]

Explanation NPV process has selected an external interface to forward either all frames received on a server interface or frames received from a specific port WWN.

Recommended Action No action is required.

Error Message NPV-6-FABRIC_PROXY_LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame to the device as the corresponding external interface went down.

Recommended Action No action is required.

Error Message NPV-6-FDISC_RCVD: [chars]

Explanation NPV process received an FDISC frame.

Recommended Action No action is required.

Error Message NPV-6-FDISC_SENT: [chars]

Explanation NPV process sent an FDISC frame to the core switch.

Recommended Action No action is required.

Error Message NPV-6-FLOGI_RCVD: [chars]

Explanation NPV process received an FLOGI frame.

Recommended Action No action is required.

Error Message NPV-6-INTERNAL_FLOGI_SENT: [chars]

Explanation NPV process sent an internal FLOGI frame to the core switch on an external interface.

Recommended Action No action is required.

Error Message NPV-6-LOGO_RCVD: [chars]

Explanation NPV process received a LOGO frame.

Recommended Action No action is required.

Error Message NPV-6-LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame.

Recommended Action No action is required.

- Error Message** NPV-6-LS_ACC_RCVD: [chars]
Explanation NPV process received an LS_ACC frame.
Recommended Action No action is required.
- Error Message** NPV-6-LS_ACC_SENT: [chars]
Explanation NPV process sent an LS_ACC frame.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_NOTIF_RCVD: [chars]
Explanation NPV process received an MTS notification.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_NOTIF_SENT: [chars]
Explanation NPV process sent an MTS notification.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_REQ_RCVD: [chars]
Explanation NPV process received an MTS request.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_REQ_SENT: [chars]
Explanation NPV process sent an MTS request.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_RESP_RCVD: [chars]
Explanation NPV process received an MTS response.
Recommended Action No action is required.
- Error Message** NPV-6-MTS_RESP_SENT: [chars]
Explanation NPV process sent an MTS response.
Recommended Action No action is required.

Error Message NPV-6-NPIV_DISABLED: [chars]

Explanation NPIV feature has been disabled.

Recommended Action No action is required.

Error Message NPV-6-NPIV_ENABLED: [chars]

Explanation NPIV feature has been enabled.

Recommended Action No action is required.

Error Message NPV-6-NPV_ENABLE_DISABLE_IN_PROGRESS: [chars]

Explanation NPV feature enable/disable is in progress. This syslog is printed at the beginning of various significant phases.

Recommended Action No action is required.

Error Message NPV-6-NPV_LOAD_BALANCE_TIMER_START: (Re)starting automatic load balancing timer for [dec] seconds

Explanation Timer started for upon external interface up or server interface down. When the timer goes off some of the server interfaces may be reinitialized to evenly distribute the server interfaces amongst the eligible external interfaces.

Recommended Action No action is required.

Error Message NPV-6-SERVER_PROXY_LOGO_SENT: [chars]

Explanation NPV process sent a LOGO frame to the core switch as the server interface went down.

Recommended Action No action is required.

NPV-7

Error Message NPV-7-CFS_REQ_RCVD: [chars]

Explanation CFS request is received. The WWN of the switch originated this request and the rr-token of the request are provided in the syslog message.

Recommended Action No action is required.

Error Message NPV-7-CFS_RESP_SENT: [chars]

Explanation CFS response is sent. The rr-token of the corresponding request and the status are provided in the syslog message

Recommended Action No action is required.

NTP Messages

This section contains the NTP messages.

NTP-2

Error Message NTP-2-NTP_SYSLOG_CRIT_ERR: : [chars]

Explanation NTP syslog Critical Error : [chars].

Recommended Action No action is required.

Error Message NTP-2-NTP_SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation NTP Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message NTP-2-NTP_SYSLOG_NO_RESP_FROM_LC: from LC[dec] for [chars]

Explanation NTP did not receive response from the linecard for the request sent.

Recommended Action No action is required.

NTP-3

Error Message NTP-3-NTP_SYSLOG_ALLOC_FAIL: : [chars]

Explanation NTP syslog allocation failed : [chars].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_ERR_EXT: : [chars] [chars]

Explanation NTP syslog Error Exit : [chars] [dec].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_ERR: : [chars]

Explanation NTP syslog Error : [chars].

Recommended Action No action is required.

Error Message NTP-3-NTP_SYSLOG_MTS_ERR: : [chars]

Explanation NTP MTS Error : [chars].

Recommended Action No action is required.

NTP-6

Error Message NTP-6-NTP_SYSLOG_CREATED: : [chars]; Slot No: [dec]

Explanation NTP syslog created : [chars] [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_EXIT: : [chars]

Explanation NTP syslog Exit : [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_LOGGING: : [chars]

Explanation NTP logging : [chars].

Recommended Action No action is required.

Error Message NTP-6-NTP_SYSLOG_WARN: : [chars]

Explanation NTP syslog Warning : [chars].

Recommended Action No action is required.

NVP Messages

This section contains the NVP messages.

NVP-6

Error Message NVP-6-NVP_INFO: [chars]

Explanation NVP daemon informational message

Recommended Action No action is required.

Error Message NVP-6-STARTING: daemon started

Explanation The NVP daemon successfully started

Recommended Action No action is required.

NVP-SLOT#-2

Error Message NVP-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

OBFL Messages

This section contains the OBFL messages.

OBFL-3

Error Message OBFL-3-ERROR: [chars]

Explanation Obfl_encountered an error

Recommended Action No action is required.

OC_USD Messages

This section contains the OC_USD messages.

OC_USD-2

Error Message OC_USD-2-RF_CRC: [chars]

Explanation Octopus received packets with CRC error from fabric

Recommended Action No action is required.

ONEP Messages

This section contains the ONEP messages.

ONEP-2

Error Message ONEP-2-GET_BUFFER: Onepsync ISSU client failed to get buffer for message. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to get buffer space for building a negotiation message. A negotiation message cannot be sent to the standby device. If a problem occurs with the ISSU session negotiation, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show logging and show checkpoint client)

Error Message ONEP-2-INIT: Onepsync ISSU client initialization failed to [chars]. Error: [dec] ([chars])

Explanation The Onepsync ISSU client could not be initialized. This initialization failure must be addressed before in-service software upgrade or downgrade can be performed successfully. If you do not address this failure, there will be downtime during software upgrade or downgrade.

Recommended Action LOG_STD_ACTION

Error Message ONEP-2-NE_PSS_32_ERR: ONEP [chars] configuration mismatch: Network Element([dec]) / PSS([dec])

Explanation The Network Element and Persistent Storage for the running-config are out of sync. If no other error has occurred, the Network Element configuration will take precedence.

Recommended Action LOG_STD_SH_CMD_ACTION(Try reconfiguring the item, possibly using the [no] form to restore a default value if a new one doesnttake.The'showrunning-config'commandshouldbeusedtoseeifthiserrorpersists.)'

Error Message ONEP-2-NE_PSS_STRING_ERR: ONEP [chars] configuration mismatch: Network Element([chars]) / PSS([chars])

Explanation The Network Element and Persistent Storage for the running-config are out of sync. If no other error has occurred, the Network Element configuration will take precedence.

Recommended Action LOG_STD_SH_CMD_ACTION(Try reconfiguring the item, possibly using the [no] form to restore a default value if a new one doesnttake.The'showrunning-config'commandshouldbeusedtoseeifthiserrorpersists.)'

Error Message ONEP-2-SEND_NEGO_FAILED: Onepsync ISSU client failed to send negotiation message. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to send a session negotiation message to the peer device. If a problem occurs with the ISSU session negotiation, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show logging and show checkpoint client)

Error Message ONEP-2-SESSION_NEGO_FAIL_START: Failed to start Onepsync ISSU session negotiation. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to start session negotiation. If a problem occurs with the ISSU session start, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu session <client_id

Error Message ONEP-2-SESSION_REGISTRY: Onepsync ISSU client failed to register session information. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to register session information. If a problem occurs with the ISSU session registration, the standby device cannot be brought up properly.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu capability entries <client_id

ONEP-3

Error Message ONEP-3-AUTHEN_ERR: [[chars]]: Authentication/authorization failed. [chars]

Explanation The session authentication has failed

Recommended Action LOG_STD_SH_CMD_ACTION(Check userscredentialsarematchedagainsttheAAA/localusersconfiguredontheNetwkElement.)'

Error Message ONEP-3-BUSY_ERR: [[chars]]: The requested resource is currently busy. [chars].

Explanation The usage of the resource has exceeded the configured threshold value

Recommended Action LOG_STD_SH_CMD_ACTION(Check the current resource usage and configured resource threshold. cpu threshold rising <value

Error Message ONEP-3-DISABLED_ERR: [[chars]]: [chars] is disabled.

Explanation The requested service set is in disabled state. All the service requests for that service set will be rejected.

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the service set is enabled. connectedapps service set <name

Error Message ONEP-3-DUPLICATE_ERR: [[chars]]: Requested entity [chars] already exists.

Explanation The connection request to the network element already exists

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the uniqueness of the application name. One session per application is allowed on a network element.)

Error Message ONEP-3-INVALID_SESSION: Onepsync ISSU client does not have a valid registered session.

Explanation The Onepsync ISSU client does not have a valid registered session.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu capability entries <client_id

Error Message ONEP-3-LISP_DISABLED_ERR: [[chars]]: [chars] is disabled.

Explanation The requested service set is in disabled state. All the service requests for that service set will be rejected.

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the service set is enabled. connectedapps service set lisp)

Error Message ONEP-3-MSG_NOT_OK: Onepsync ISSU client Message Type [dec] 'isnotcompatible'

Explanation The Onepsync ISSU client received an incompatible message from the peer device. The message cannot be processed.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu message group <client_id

Error Message ONEP-3-MSG_SIZE: Onepsync ISSU client failed to get the MTU for Message Type [dec]. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to calculate the MTU for the specified message. The Onepsync ISSU client is not able to send the message to the standby device.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu message group <client_id

Error Message ONEP-3-SESSION_UNREGISTRY: Onepsync ISSU client failed to unregister session information. Error: [dec] ([chars])

Explanation The Onepsync ISSU client failed to unregister session information.

Recommended Action LOG_STD_SH_CMD_ACTION(show issu session <client_id

Error Message ONEP-3-VERSION_ERR: [[chars]]: ONE-P version incompatible between client and network element. [chars]

Explanation The ONE-P client service set version is incompatible with the one installed on the network element

Recommended Action LOG_STD_SH_CMD_ACTION(Make sure the version running on the client side is compatible with the one installed on the network element)

ONEP-4

Error Message ONEP-4-ONEP_DISABLED: ONEP feature is administratively disabled, terminated [[dec]] connected application(s)

Explanation Administrator has disabled ONEP feature while application sessions were active. All active sessions have been terminated. To enable ONEP again use 'feature onep' command in configuration mode.

Recommended Action LOG_STD_SH_CMD_ACTION(No action is required if this was deliberate operation. To enable ONEP again use 'feature onep' command in configuration mode.)

ONEP-6

Error Message ONEP-6-HISTORY: [chars]

Explanation This syslog message is used to display onePK history messages when the historysyslog'onepcommandisenabled.'

Recommended Action LOG_STD_SH_CMD_ACTION(No action is required. Use nohistorysyslog'attheonepconfigurationprompttoturnoffthisloggingifdesired.)'

ORI_FWD Messages

This section contains the ORI_FWD messages.

ORI_FWD-2

Error Message ORI_FWD-2-CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_FWD-6

Error Message ORI_FWD-6-ORF_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC Messages

This section contains the ORI_MAC messages.

ORI_MAC-2

Error Message ORI_MAC-2-ORI_MAC_CRIT_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_MAC-6

Error Message ORI_MAC-6-ORI_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

ORI_XBAR_USD Messages

This section contains the ORI_XBAR_USD messages.

ORI_XBAR_USD-2

Error Message ORI_XBAR_USD-2-CRIT_MSG: [chars]

Explanation Critical log message

Recommended Action No action is required.

Error Message ORI_XBAR_USD-2-FR_CRC: [chars]

Explanation FR CRC error message

Recommended Action No action is required.

Error Message ORI_XBAR_USD-2-SYNC_ERR: [chars]

Explanation Sync loss error

Recommended Action No action is required.

ORI_XBAR_USD-4

Error Message ORI_XBAR_USD-4-WARNING_MSG: [chars]

Explanation Warning log message

Recommended Action No action is required.

ORI_XBAR_USD-6

Error Message ORI_XBAR_USD-6-DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

OTM Messages

This section contains the OTM messages.

OTM-2

Error Message OTM-2-OTM_EEM_FAIL: OTM failed to register with EEM

Explanation OTM process failed to register with eem, exiting now

Recommended Action No action is required.

OTM-3

Error Message OTM-3-OTM_ERROR: [chars] [chars]

Explanation [chars1][chars2]

Recommended Action No action is required.

OTM-5

Error Message OTM-5-OTM_OBJECT_STATUS: Status of tracking object [dec] changed to [chars]

Explanation Status of tracking object [dec] changed to [chars]

Recommended Action No action is required.

Error Message OTM-5-OTM_OBJ_ADD: : Tracking object [dec] configured, status of the object [chars]

Explanation Tracking Object [dec] configured, status of the object [chars]

Recommended Action No action is required.

OTM-6

Error Message OTM-6-OTM_EXITED: OTM process exited

Explanation OTM process is terminated

Recommended Action No action is required.

Error Message OTM-6-OTM_OBJ_REM: : Tracking object [dec] removed

Explanation Tracking Object [dec] removed

Recommended Action No action is required.

Error Message OTM-6-OTM_STARTED: OTM process started

Explanation OTM process is up and running

Recommended Action No action is required.

Error Message OTM-6-OTM_TRACK_START: Client started tracking object [dec]

Explanation Client has started tracking object [dec]

Recommended Action No action is required.

Error Message OTM-6-OTM_TRACK_STOP: Client stopped tracking object [dec]

Explanation Client has stopped tracking object [dec]

Recommended Action No action is required.

Recommended Action

PHY_USD Messages

This section contains the PHY_USD messages.

PHY_USD-SLOT#-4

Error Message PHY_USD-SLOT#-4-LOG_PHY_ISSU_LINK_ST_CHNG: Port [dec]: link state during ISSU

Explanation Port Link status changed while performing an In Service System Upgrade. Disabling the port.

Recommended Action No action is required.

PIXM Messages

This section contains the PIXM messages.

PIXM-2

Error Message PIXM-2-PIXM_SYSLOG_MESSAGE_TYPE_CRIT: [chars]

Explanation PIXM has encountered a critical error

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PIXM-3

Error Message PIXM-3-PIXM_SYSLOG_MESSAGE_TYPE_ERR: [chars]

Explanation PIXM has encountered a error

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PIXM-4

Error Message PIXM-4-PIXM_SYSLOG_MESSAGE_TYPE_WARNING: [chars]

Explanation PIXM has encountered a warning-level error

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PIXM-7

Error Message PIXM-7-PIXM_SYSLOG_MESSAGE_TYPE_DEBUG: [chars]

Explanation This is a debug output from PIXM

Recommended Action Please collect PIXM tech support using showtechpixm'and'showtechpixmc-all"

PLATFORM Messages

This section contains the PLATFORM messages.

PLATFORM-0

Error Message PLATFORM-0-CHASSIS_CLKSWITCH: Hardware clock switched to redundant clock-[dec]

Explanation Clock module on chassis deteted a failure and switched to redundant clock module.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-0-CHASSIS_CLKSWRESET: Switch reset due to clock switch

Explanation Chassis clock source has failed and system will be reset. System will automatically start using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message PLATFORM-0-CHASSIS_CLKSW_MODULE_RESET: Modules reset due to clock switch

Explanation Chassis clock source has switched and all Vegas line cards will be reset. System will automatically continue using redundant clock module.

Recommended Action Please refer to the platform document on clock modules.

Error Message PLATFORM-0-FAIL_REMOVED: Fan module removed. Fan[dec] has been absent for [dec] seconds

Explanation Fan module is removed. This could lead to temperature alarms.

Recommended Action Replace the fan module ASAP.

Error Message PLATFORM-0-MOD_TEMPMAJALRM: [chars] reported Major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]

Explanation Module in slot [decimal digit] exceeded major temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-0-MOD_TEMPshutdown: [chars] powered down due to major temperature alarm for Sensor [dec].

Explanation Module in slot [decimal digit] shutdown due to temperature exceeding major threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-0-MOD_TEMPWARMALRM: [chars] reported Warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] exceeded warm temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-0-PFM_EMERGENCY: [chars]

Explanation Platform Emergency

Recommended Action No action is required.

Error Message PLATFORM-0-SUP_SPROM_ERROR: Unable to read SPROM for Sup in slot [dec]

Explanation The supervisor in slot [decimal digit] was not able to read its SPROM.

Recommended Action No action is required.

Error Message PLATFORM-0-SUP_WRONGSLOTNUM: Supervisor powered up in WRONG SLOT:[dec] (Serial number [chars])

Explanation The supervisor is coming up in wrong slot [decimal digit].

Recommended Action No action is required.

Error Message PLATFORM-0-SYS_LC_DRIVER_LOAD_FAILED: Failed to load linecard module drivers

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image.

Error Message PLATFORM-0-SYS_RESET: [chars] System shutdown in [dec] seconds

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-0-SYS_SHUTDOWN_FAN_REMOVAL: System shutdown in [dec] seconds due to fan removal

Explanation System shutdown in [decimal digit] seconds due to removal of fan module.

Recommended Action Please perform a showenvfan'tocollectmoreinformation.'

Error Message PLATFORM-0-SYS_SHUTDOWN_MDS9124_FAN_FAIL: System shutdown in [dec] seconds due to less than 4 fans operating.

Explanation System shutdown in [decimal digit] seconds due to less than 4 fans operating.

Recommended Action Please perform a showenvfan'tocollectmoreinformation.'

Error Message PLATFORM-0-SYS_SHUTDOWN: System shutdown in [dec] seconds due to major temperature alarm

Explanation System shutdown in [decimal digit] seconds due to temperature exceeding major threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-0-SYS_SUP_DRIVER_LOAD_FAILED: Failed to load supervisor module drivers

Explanation Failed to load drivers.

Recommended Action Image is possibly corrupt. Try to load a different image

Error Message PLATFORM-0-XBAR_CARD_CLK_FAIL: Xbar card in slot:[dec] (Serial number [chars]) encountered clock failure

Explanation The xbar in slot [decimal digit] encountered clock failure.

Recommended Action No action is required.

Error Message PLATFORM-0-XBAR_CARD_INCOMPAT_CHASSIS: Xbar card in slot:[dec] (Part number [chars]) Incompatible with backplane chassis Part Num:[chars]

Explanation The xbar in slot [decimal digit] is incompatible with backplane chassis.

Recommended Action No action is required.

Error Message PLATFORM-0-XBAR_WRONGSLOTNUM: Xbar powered up in WRONG SLOT:[dec] (Serial number [chars])

Explanation The xbar in slot [decimal digit] powered up in wrong slot.

Recommended Action No action is required.

PLATFORM-1

Error Message PLATFORM-1-FABRIC_SWITCH_FAN_FAIL: Less than 4 required fans operating.

Explanation Fan module has failed leaving less than 4 total fans operating. Fan needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-1-FAN_FAIL: Fan module Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-1-PFM_ALERT: [chars]

Explanation Platform Alert

Recommended Action No action is required.

Error Message PLATFORM-1-PS_SINGLE_INPUT: Both power inputs are connected for Power supplies, remove single-input configuration for optimal power usage

Explanation Current power supply redundancy mode may not be optimal

Recommended Action Please perform a showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-1-XBAR_PWRDENY: Xbar [dec] can not be powered up due to insufficient power (Serial number [chars])

Explanation Available power in power supplies is not sufficient to power up the xbar

Recommended Action You can verify available power and current usage using command showenvpower'.Pleaserefertopowersupplydocumentonhowtoincreasepowersupplycapacity.'

PLATFORM-2

Error Message PLATFORM-2-9134_FAN_FAIL: Fan module [dec] Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-9134_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-CASA_FAN_FAIL: Fan module [dec] Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-CASA_FAN_OK: Fan module [dec] ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-CHASSIS_CLKMODFAULTY: Chassis clock module [dec] faulty

Explanation Clock module on chassis is faulty or has been removed.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-CHASSIS_CLKMODOK: Chassis clock module [dec] ok

Explanation Clock module on chassis is functioning properly.

Recommended Action No action is required.

Error Message PLATFORM-2-CHASSIS_CLKSRC: Current chassis clock source is clock-[dec]

Explanation The current chassis clock source is [decimal digit].

Recommended Action No action is required.

Error Message PLATFORM-2-FANLET_FAN_FAIL: Failed Fanlets for Fan [dec] ([chars] fan) : [chars]

Explanation The specified fanlets have failed. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-FANMOD_FAN_FAIL: Fan module [dec] ([chars] fan) Failed/Removed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-FANMOD_FAN_OK: Fan module [dec] ([chars] fan) ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_FAIL_: Fan [dec] Failed

Explanation Fan module has failed and needs to be replaced. This can lead to overheating and temperature alarms.

Recommended Action Please perform a showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-FAN_OK_: Fan [dec] ok

Explanation Fan is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_OK: Fan module ok

Explanation Fan module is ok

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_REMOVED: Fan module [dec] (Serial number [chars]) [chars] removed

Explanation Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-2-FAN_REMOVED_: Fan module [dec] [chars] removed

Explanation Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-2-INSUFFICIENT_MAC: program management port on all the non-default VDCs

Explanation Could not program the mac address for the management port of all the VDCs

Recommended Action No action is required.

Error Message PLATFORM-2-MEMORY_ALERT_RECOVERED: Memory Status Alert : [chars]

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MEMORY_ALERT: Memory Status Alert : [chars]. Usage [chars]% of Available Memory

Explanation Memory alert event received

Recommended Action None

Error Message PLATFORM-2-MOD_ALL_PWRDN_NOXBAR: All modules powered down due to non-availability of xbar modules

Explanation All modules in switch are powered down because all xbar modules are offline

Recommended Action Please perform a showmodule',showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]'to collect more information if you suspect module has been powered down due to errors. At least one xbar module has to be for module to function'

Error Message PLATFORM-2-MOD_DETECT: Module [dec] detected (Serial number [chars]) Module-Type [chars] Model [chars]

Explanation A new module in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message PLATFORM-2-MOD_PWRDENY: Module [dec] can not be powered up due to insufficient power (Serial number [chars])

Explanation Available power in power supplies is not sufficient to power up the module

Recommended Action You can verify available power and current usage using command showenvpower'. Please refer to power supply document on how to increase power supply capacity.'

Error Message PLATFORM-2-MOD_PWRDN: Module [dec] powered down (Serial number [chars])

Explanation The module in slot [decimal digit] is powered down.

Recommended Action Please perform a showmodule', 'showplatforminternalallmodule[decimaldigit]' and 'showmoduleinternalallmodule[decimaldigit]' to collect more information if you suspect module has been powered down due to errors.'

Error Message PLATFORM-2-MOD_PWRFAIL_EJECTORS_OPEN: All ejectors open, Module [dec] will not be powered up (Serial number [chars])

Explanation The module can not be powered up because all the ejectors are open

Recommended Action Please perform a showplatforminternalallmodule[decimaldigit]' and 'showmoduleinternalallmodule[decimaldigit]"sh owspromxbar[dec][dec]' to read module IDPROM content to collect more information.'

Error Message PLATFORM-2-MOD_PWRFAIL: Module [dec] failed to power up (Serial number [chars])

Explanation The module in slot [decimal digit] failed to power up

Recommended Action Please perform a showplatforminternalallmodule[decimaldigit]' and to collect more information.'

Error Message PLATFORM-2-MOD_PWRIDPROMFAIL: Module [dec] failed to power up due to IDPROM read error

Explanation The module can not be powered up due to IDPROM read error

Recommended Action Please perform a showplatforminternalallmodule[decimaldigit]' and 'showmoduleinternalallmodule[decimaldigit]"sh owsprommodule[dec][dec]' to read module IDPROM content to collect more information.'

Error Message PLATFORM-2-MOD_PWRIDPROM_SW_CARD_ID_UNKNOWN: Module [dec] failed to power up. (Unknown card. Could not get software-card-id)

Explanation The module can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a showplatforminternalallmodule[decimaldigit]' and 'showmoduleinternalallmodule[decimaldigit]"sh owsprommodule[dec][dec]' to read module IDPROM content to collect more information.'

Error Message PLATFORM-2-MOD_PWRUP_XBAR: Modules powered up due to xbar availability

Explanation Modules powered up because at least one xbar module is online

Recommended Action No action needed

Error Message PLATFORM-2-MOD_PWRUP: Module [dec] powered up (Serial number [chars])

Explanation The module in slot [decimal digit] is powered up.

Recommended Action No action is required.

Error Message PLATFORM-2-MOD_REMOVE: Module [dec] removed (Serial number [chars])

Explanation The module in slot [decimal digit] has been removed.

Recommended Action No action is required.

Error Message PLATFORM-2-MOD_TEMPMAJOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMPMAJOR_OK: [chars] recovered from major temperature alarm. Sensor=[dec] Temperature=[dec] MajThreshold=[dec]

Explanation Module in slot [decimal digit] major temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMPMINALRM: [chars] reported minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] has exceeded minor temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMPMINOR2WARM: [chars] recovered from minor temperature alarm. Warm alarm pending. Sensor=[dec] Temperature=[dec] MinThreshold=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMP_OK: [chars] recovered from minor temperature alarm. Sensor=[dec] Temperature=[dec] MinThreshold=[dec]

Explanation Module in slot [decimal digit] minor temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMPRECOVER: [chars] recovered from major temperature alarm. Minor temperature alarm pending. Sensor=[dec] Temperature=[dec] MajThreshold=[dec] MinThresh=[dec]

Explanation Module in slot [decimal digit] recovered from major temperature threshold. Minor threshold still exceeded.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-MOD_TEMPWARM_OK: [chars] recovered from warm temperature alarm. Sensor=[dec] Temperature=[dec] WarmThreshold=[dec]

Explanation Module in slot [decimal digit] warm temperature threshold.

Recommended Action Please perform a showenvtemperature'tocollectmoreinformation.'

Error Message PLATFORM-2-PFM_CRITICAL: [chars]

Explanation Platform Critical

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_FATW_BUS_SWITCH_FAIL: Backplane two wire [chars] bus connection fault detected but failed to perform bus switchover(BUS_A to BUS_B)

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a showplatforminternalerr"

Error Message PLATFORM-2-PFM_FATW_BUS_SWITCH: Backplane two wire [chars] bus connection or device fault caused bus switchover(BUS_A to BUS_B)

Explanation Could not access some modules using BUS_A, but can access using BUS_B

Recommended Action Please perform a showplatforminternalerr"

Error Message PLATFORM-2-PFM_IMG_CMPT_FAIL: Image version is not supported in this chassis.

Explanation This image version is not supported in this chassis.

Recommended Action Sup-platform

Error Message PLATFORM-2-PFM_LC_BOOT_DEV_ABSENT: No bootflash found in Module [dec]

Explanation No bootflash found.

Recommended Action Try to put in a bootflash in the module and try again.

Error Message PLATFORM-2-PFM_LC_BOOT_DEV_FAIL: Bootflash access error in Module [dec]

Explanation Bad bootflash/corrupted filesystem.

Recommended Action Try to put in a known good bootflash in the module and try again.

Error Message PLATFORM-2-PFM_LC_MOD_POWERED_DOWN: Module [dec] Powered Down. Module is not supported in this chassis. (Chassis Incompatible card)

Explanation Module Powered Down, because Module is not supported in this chassis. (Chassis Incompatible card)

Recommended Action Please perform a showmodule'toseethePowerDownreason.'

Error Message PLATFORM-2-PFM_LC_NETBOOT_FAIL: Netboot for Module [dec] failed

Explanation Netboot failed.

Recommended Action Try to replace the BIOS in the module.

Error Message PLATFORM-2-PFM_LC_REGISTRATION_FAIL: Could not register with Module [dec]

Explanation Module registration failed.

Recommended Action Try to replace the module.

Error Message PLATFORM-2-PFM_LC_STATUS: Module [dec] powered up with [dec] status

Explanation Status for the module that failed registration.

Recommended Action Try to replace the module.

Error Message PLATFORM-2-PFM_LOW_MEMORY_CONDITION: Module [dec] is running low on memory. %ld percent used

Explanation Supervisor is running low on memory

Recommended Action Switchover

Error Message PLATFORM-2-PFM_MODULE_POWER_OFF_TRIGGER: Power-off [chars] due to [chars] policy trigger

Explanation Policy trigger initiated a module poweroff

Recommended Action None

Error Message PLATFORM-2-PFM_MODULE_POWER_OFF: Manual power-off of [chars] from Command Line Interface

Explanation User initiated a module power-off from the CLI

Recommended Action None

Error Message PLATFORM-2-PFM_MODULE_POWER_ON: Manual power-on of [chars] from Command Line Interface

Explanation User initiated a module power-on from the CLI

Recommended Action None

Error Message PLATFORM-2-PFM_MODULE_RESET: Manual restart of Module [dec] from Command Line Interface

Explanation User initiated a module reload from the CLI

Recommended Action None

Error Message PLATFORM-2-PFM_NETBOOT_DISABLE: Netboot for supervisor module in slot [dec] is disabled due to incompatible platform

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message PLATFORM-2-PFM_PREP_DEEP_SLEEP: Supervisor module in slot [dec] preparing to enter deep sleep mode

Explanation Deep sleep mode initiated by the Connectivity Management Processor (CMP) for this supervisor

Recommended Action No action is required.

Error Message PLATFORM-2-PFM_PWR_MGMT_EPLD_VER_MISMATCH: Module [dec] Pwr Mgmt Epld (Version-[dec]) needs to be upgraded

Explanation Using a wrong version of Epld version can result in unexplainable behaviour

Recommended Action Upgrade Power Management EPLD

Error Message PLATFORM-2-PFM_STDBY_POWERUP_FAIL: standby supervisor failed to powerup

Explanation Standby supervisor failed to powerup.

Recommended Action Try to replace the standby supervisor.

Error Message PLATFORM-2-PFM_SYSTEM_RESET_TRIGGER: System restart due to [chars] policy trigger

Explanation Policy/trigger initiated a system reload

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_RESET: Manual system restart from Command Line Interface

Explanation User initiated a system reload from the CLI

Recommended Action None

Error Message PLATFORM-2-PFM_SYSTEM_SHUTDOWN_TRIGGER: System shutdown due to [chars] policy trigger

Explanation Policy/trigger initiated a system shutdown

Recommended Action None

Error Message PLATFORM-2-PFM_XBAR_RESET: Manual restart of Xbar [dec] from Command Line Interface

Explanation User initiated a xbar reload from the CLI

Recommended Action None

Error Message PLATFORM-2-PLUGIN_ABSENT: Module in slot[dec] (sw_card_id=[dec]) has missing plugin

Explanation Plugin not loaded, The LC cannot be poweredup

Recommended Action Load the associated plugin

Error Message PLATFORM-2-PS_ABSENT: Power supply [dec] is absent/shutdown, ps-redundancy might be affected

Explanation Power Supply is absent.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY_WORK_AROUND: only one Power supply is functional; connect atleast two Power supply

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_ALI_ONE_POWERSUPPLY: Only one Power supply is functional; Switch will be shutting down in [dec] mins

Explanation Only one Power supply is functional, alishan requires at least two Power supply.

Recommended Action Please perform a
showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_ALI_TWO_POWERSUPPLY: Only two Power supply are functional, please connect third Power Supply for redundancy

Explanation Only two Power supply are functional, please connect third Power supply for redundancy

Recommended Action Please perform a
showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_CAPACITY_CHANGE: Power supply PS[dec] changed its capacity. possibly due to power cable removal/insertion (Serial number [chars])

Explanation Detected power supply capacity change.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform
showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_CAPACITY_DIFFER: Detected power supplies with differing capacity. It is recommended to have same capacity for both powersupplies otherwise it may cause service disruptions

Explanation Detected a power supply that has differing capacity than an the otherpower supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform
showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_DETECT: Power supply [dec] detected but shutdown (Serial number [chars])

Explanation Power Supply is detected but shutdown.

Recommended Action Please perform a
showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_FAIL: Power supply [dec] failed or shut down (Serial number [chars])

Explanation Power Supply has failed or has been shutdown

Recommended Action Please perform a showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.Pleaserefertopowersupplydocumentonincreasingdecreasingpowersupplycapacity,configuringpowersupplies,etc.'

Error Message PLATFORM-2-PS_FANFAIL: Fan in Power supply [dec] failed

Explanation Fan module in the Power Supply has failed

Recommended Action Please perform a showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_FANOK: Fan in Power supply [dec] ok

Explanation Fan module in the Power Supply is ok.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_MISMATCH: Detected power supply [chars]. This reduces the redundant power available to the system and can cause service disruptions (Serial number [chars])

Explanation Detected a new power supply that has reduced capacity than an existing power supply.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc. Please perform showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_OK: Power supply [dec] ok (Serial number [chars])

Explanation Power Supply is ok.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_PWR_INPUT_MISSING: Power supply [dec] present but all AC/DC inputs are not connected, power redundancy might be affected

Explanation Power Supply is present but not at full capacity.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_RED_MODE_CHG: Power supply redundancy mode changed to [chars]

Explanation Power supply redundancy mode changed notification

Recommended Action Please perform a showenvironmentpower'and'showplatforminternalinfo'tocollectmoreinformation.'

Error Message PLATFORM-2-PS_RED_MODE_RESTORED: Power redundancy operational mode changed to configured mode

Explanation Power Supply redundancy mode changes.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_REMOVE_LAST: Unexpected removal of last power supply [dec]. (Serial number [chars])

Explanation Unexpected removal the only power supply in the system.

Recommended Action Power supply unit may be faulty. Contact CISCO to replace the unit.

Error Message PLATFORM-2-PS_REMOVE: Power supply [dec] removed (Serial number [chars])

Explanation Power Supply is removed.

Recommended Action No action is required.

Error Message PLATFORM-2-PS_UNKNOWN: Detected an unknown power supply [dec] for CISCO Multilayer Switch (Serial number [chars])

Explanation Unable to determine power supply type. Default power supply types will be assumed.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-PS_UNSUPPORTED: Detected an unsupported power supply [dec] [chars] for CISCO Multilayer Switch (Serial number [chars])

Explanation This power supply is not supported for the CISCO Multilayer Switches.

Recommended Action Please refer to power supply document on increasing decreasing power supply capacity, configuring power supplies, etc.

Error Message PLATFORM-2-SYS_IDPROMBAD_RECOVER_FAIL: Chassis IDPROM [dec] data re-initialization Un-successful. Data is invalid

Explanation Chassis IDPROM [decimal digit] re-initialization was unsuccessful. Data is invalid.

Recommended Action Please perform a `showsprommodule[decimaldigit]1'toreadmoduleIDPROMcontentsandcollectmoreinformation.'`

Error Message PLATFORM-2-SYS_IDPROMBAD_RECOVER_PASS: Chassis IDPROM [dec] data re-initialized successfully

Explanation Chassis IDPROM [decimal digit] invalid data was successfully re-initialized to valid.

Recommended Action Please perform a `showsprommodule[decimaldigit]1'toreadmoduleIDPROMcontentsandverifytheinformation.'`

Error Message PLATFORM-2-SYS_IDPROMBAD: Chassis IDPROM [dec] data invalid

Explanation Chassis IDPROM [decimal digit] contains invalid data.

Recommended Action Please perform a `showsprommodule[decimaldigit]1'toreadmoduleIDPROMcontentsandcollectmoreinformation.'`

Error Message PLATFORM-2-XBAR_DETECT: Xbar [dec] detected (Serial number [chars])

Explanation A new xbar in slot [decimal digit] is detected.

Recommended Action No action is required.

Error Message PLATFORM-2-XBAR_PWRFAIL_EJECTORS_OPEN: All ejectors open, Xbar [dec] will not be powered up (Serial number [chars])

Explanation The xbar can not be powered up because all the ejectors are open

Recommended Action Please perform a `showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"showspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation."`

Error Message PLATFORM-2-XBAR_REMOVE: Xbar [dec] removed (Serial number [chars])

Explanation The xbar in slot [decimal digit] has been removed.

Recommended Action No action is required.

PLATFORM-3

Error Message PLATFORM-3-EJECTOR_STAT_CHANGED:
Ejectorsstatusinslot[dec]haschanged,[chars]Ejectoris[chars],[chars]Ejectoris[chars]'

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-3-MOD_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Module [dec], (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a
showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh
owspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation.'

Error Message PLATFORM-3-MOD_PWRFAIL_MULTI: Module [dec] failed to power up multiple times (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a
showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh
owspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation.'

Error Message PLATFORM-3-PFM_ERROR: [chars]

Explanation Platform Error

Recommended Action No action is required.

Error Message PLATFORM-3-SINGLE_EJECTOR_STAT_CHANGED:
Ejectorsstatusinslot[dec]haschanged,Ejectoris[chars]'

Explanation Ejector status has changed

Recommended Action None

Error Message PLATFORM-3-XBAR_BRINGUP_MULTI_LIMIT: Giving up after multiple attempts were made to bring up the Xbar [dec], (Serial number [chars])

Explanation The module can not be powered up even after three attempts

Recommended Action Please perform a
showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh
owspromxbar[dec][dec]'toreadmoduleIDPROMcontXBAentstocollectmoreinformation.'

Error Message PLATFORM-3-XBAR_PWRFAIL_MULTI: Xbar [dec] failed to power up multiple times (Serial number [chars])

Explanation The xbar can not be powered up even after three attempts

Recommended Action Please perform a `showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh`
`owspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation.'`

Error Message PLATFORM-3-XBAR_PWRFAIL: Xbar [dec] failed to power up (Serial number [chars])

Explanation The xbar in slot [decimal digit] failed to power up

Recommended Action Please perform a `showplatforminternalallmodule[decimaldigit]'and'tocollectmoreinformation.'`

Error Message PLATFORM-3-XBAR_PWRIDPROMFAIL: Xbar [dec] failed to power up due to IDPROM read error

Explanation The xbar can not be powered up due to IDPROM read error

Recommended Action Please perform a `showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh`
`owspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation.'`

Error Message PLATFORM-3-XBAR_PWRIDPROM_SW_CARD_ID_UNKNOWN: Xbar [dec] failed to power up. (Unknown card. Could not get software-card-id)

Explanation The xbar can not be powered up due to missing SWID in core-plugin for this CARDID

Recommended Action Please perform a `showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodule[decimaldigit]"sh`
`owspromxbar[dec][dec]'toreadmoduleIDPROMcontentstocollectmoreinformation.'`

PLATFORM-4

Error Message PLATFORM-4-MOD_TEMPACCESSFAIL: [chars] temperature sensor [dec] access failed

Explanation Module in slot [decimal digit] unable to access temperature sensor.

Recommended Action Please perform a `showenvtemperature'tocollectmoreinformation.'`

Error Message PLATFORM-4-MOD_TEMPFAIL: [chars] temperature sensor [dec] failed

Explanation Module in slot [decimal digit] contains a faulty temperature sensor.

Recommended Action Please perform a `showenvtemperature'tocollectmoreinformation.'`

Error Message PLATFORM-4-PFM_FAN_FLTR_STATUS: Fan Filter status: [chars]

Explanation Fan Filter status: Present/Absent

Recommended Action Please perform a showplatforminternalinfo.'

Error Message PLATFORM-4-PFM_PS_RED_MODE_CHG: Power redundancy mode changed to [chars]

Explanation Power redundancy mode changed

Recommended Action Please perform a showplatforminternalinfo.'

Error Message PLATFORM-4-PFM_WARNING: [chars]

Explanation Platform Warning

Recommended Action No action is required.

PLATFORM-5

Error Message PLATFORM-5-FAN_DETECT: Fan module [dec] (Serial number [chars]) [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FAN_DETECT_: Fan module [dec] [chars] detected

Explanation Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FAN_STATUS: Fan module [dec] (Serial number [chars]) [chars] current-status is [chars]

Explanation Fan module changed status

Recommended Action No action is required.

Error Message PLATFORM-5-FAN_STATUS_: Fan module [dec] [chars] current-status is [chars]

Explanation Fan module changed status

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_DETECT: Fex [dec] Fan Module [dec] detected

Explanation Fex Fan module is detected

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_FAN_REMOVE: Fex [dec] Fan Module [dec] removed

Explanation Fex Fan module is removed

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_FOUND: Fex [dec] Power Supply [dec] found (Serial number [chars])

Explanation Fex power supply is found

Recommended Action No action is required.

Error Message PLATFORM-5-FEX_PS_REMOVE: Fex [dec] Power Supply [dec] removed (Serial number [chars])

Explanation Fex power supply is removed

Recommended Action No action is required.

Error Message PLATFORM-5-MOD_STATUS: [chars] current-status is [chars]

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message PLATFORM-5-PFM_NOTICE: [chars]

Explanation Platform Notice

Recommended Action No action is required.

Error Message PLATFORM-5-PS_FOUND: Power supply [dec] found (Serial number [chars])

Explanation Power Supply is detected.

Recommended Action No action is required.

Error Message PLATFORM-5-PS_STATUS: PowerSupply [dec] current-status is [chars]
[chars]

Explanation Module in slot [decimal digit] changed status.

Recommended Action No action is required.

Error Message PLATFORM-5-XBAR_PWRDN: Xbar [dec] powered down (Serial number
[chars])

Explanation The xbar in slot [decimal digit] is powered down.

Recommended Action Please perform a
showmodulexbar,'showplatforminternalallmodule[decimaldigit]'and'showmoduleinternalallmodul
e[decimaldigit]'to collect more information if you suspect module has been powered down due to errors.'

Error Message PLATFORM-5-XBAR_PWRUP: Xbar [dec] powered up (Serial number [chars])

Explanation The xbar in slot [decimal digit] is powered up.

Recommended Action No action is required.

PLATFORM-6

Error Message PLATFORM-6-PFM_INFO: [chars]

Explanation Platform Info

Recommended Action No action is required.

PLATFORM-7

Error Message PLATFORM-7-PFM_CLOCK_UPD_FAIL: Clock update failed due to
context-switch delay of [dec] msec

Explanation System shutdown in [decimal digit] seconds.

Recommended Action Please perform a showenvtemperature'to collect more information.'

PLOG_SUP Messages

This section contains the PLOG_SUP messages.

PLOG_SUP-4

Error Message PLOG_SUP-4-PLOG_SUP_EXIT: Persistent Logger encountered an error [dec].

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

PLOG Messages

This section contains the PLOG messages.

PLOG-4

Error Message PLOG-4-PLOG_LC_EXIT: Persistent Logger encountered an error [dec]

Explanation Persistent Logger encountered an error

Recommended Action No action is required.

PLSM Messages

This section contains the PLSM messages.

PLSM-3

Error Message PLSM-3-EDP_ERR: Interface [chars] in Error Disabled Policy (EDP) state
Check : show interface status error policy [detail]

Explanation Error Disabled Policy State for a interface.

Recommended Action None

PLSM-6

Error Message PLSM-6-SEQ_INFO: EDP State Cleared for interface [chars] vlans
[chars]

Explanation EDP State cleared for a interface.

Recommended Action None

PLTFM_CONFIG Messages

This section contains the PLTFM_CONFIG messages.

PLTFM_CONFIG-3

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_COMMIT_RESPONSE_FAIL_LOG: LOU threshold commit failed.

Explanation LOU threshold response to commit failed.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_COMMIT_TIMEOUT_LOG: LOU threshold commit timed out.

Explanation LOU threshold response to commit timed out.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_VERIFY_RESPONSE_FAIL_LOG: LOU threshold verification failed, active acls are using more LOUs than requested threshold, aborting operation.

Explanation LOU threshold response to verify failed, so sending abort msg to all LC aclqos.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-3-PC_ACL_LOU_VERIFY_TIMEOUT_LOG: LOU threshold verification timed out, aborting operation.

Explanation LOU threshold response to verify timed out, so sending abort msg to all LC aclqos.

Recommended Action No action is required.

PLTFM_CONFIG-4

Error Message PLTFM_CONFIG-4-PC_RBH_MODULO_CONFIG_PROXY_VDC: Some VDCs are in proxy mode and RBH modulo may not work properly for those VDCs

Explanation Port-channel load-balancing works properly for non proxy VDCs only.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-PC_VDC_CONFIG_RBH_MODULO: This VDC (vdc_id: [dec]) is a proxy VDC and the RBH modulo may not work properly for this VDC.

Explanation Port-channel load-balancing works properly for non proxy VDCs only.

Recommended Action No action is required.

Error Message PLTFM_CONFIG-4-XL_LICENSE_MIX_NOTIFY: Mixed use of non-XL with XL modules in the same VDC may limit common resources to non-XL capacity.

Explanation This is a reminder that mixing non-XL and XL modules in the same VDC may limit XL modules to the capacity of non-XL modules.

Recommended Action No action is required.

PLUGIN Messages

This section contains the PLUGIN messages.

PLUGIN-2

Error Message PLUGIN-2-LOAD_REQUEST_FAILED_ON_STANDBY: Load request failed on standby. rc ([hex])

Explanation Load request failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-NOTIFY_MSG_FAILURE: Plugin notify message ([chars]) returned failure (rc [hex])

Explanation Plugin notify message returned failure.

Recommended Action No action is required.

Error Message PLUGIN-2-NO_MEMORY: Memory allocation failed (size [dec])

Explanation The service failed to allocate memory.

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_EXTRACT_FAILED_ON_STANDBY: Plugin extraction failed on standby. rc ([hex])

Explanation Plugin extraction failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_LOAD_INTERNAL_ERROR: Plugin has internal error during load operation. Reason: [chars]

Explanation Plugin has internal error

Recommended Action No action is required.

Error Message PLUGIN-2-PLUGIN_UNLOAD_INTERNAL_ERROR: Plugin has internal error during unload operation. Reason: [chars]

Explanation Plugin has internal error

Recommended Action No action is required.

Error Message PLUGIN-2-SEND_NOTIFY_MSG_FAILED: Failed to send plugin notify message ([chars]). Reason: [chars]

Explanation Failed to send plugin notify message

Recommended Action No action is required.

Error Message PLUGIN-2-UNEXPECTED_LOAD_SYNC: Received unexpected plugin load sync. Current plugin request ([dec])

Explanation Standby received load sync and current standby does not have an outstanding load request

Recommended Action No action is required.

Error Message PLUGIN-2-UNEXPECTED_UNLOAD_SYNC: Received unexpected plugin unload sync. Current plugin request ([dec])

Explanation Standby received unload sync and current standby does not have an outstanding unload request

Recommended Action No action is required.

Error Message PLUGIN-2-UNLOAD_REQUEST_FAILED_ON_STANDBY: Unload request failed on standby. rc ([hex])

Explanation Unload request failed on standby

Recommended Action No action is required.

Error Message PLUGIN-2-UPDATE_SYS_INFO_FAILED: Failed to update system information ([chars])

Explanation Failed to update system information

Recommended Action No action is required.

PLUGIN-3

Error Message PLUGIN-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]/[dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

PMON Messages

This section contains the PMON messages.

PMON-2

Error Message PMON-2-PGMON_RISING_THRESHOLD: [chars].

Explanation Port Group Rising Threshold Crossed

Recommended Action No action is required.

Error Message PMON-2-PMON_CRIT_INFO: Port Monitor Critical Information: [chars].

Explanation Port Monitor Critical Information

Recommended Action No action is required.

Error Message PMON-2-PMON_INIT_FAIL: Port Monitor : [chars].

Explanation Initialization failed, need to exit.

Recommended Action No action is required.

Error Message PMON-2-PMON_MTS_FAIL: Port Monitor MTS Error: [chars].

Explanation Theresmtserror.'

Recommended Action No action is required.

Error Message PMON-2-PMON_PORTGUARD_ACTION: [chars].

Explanation Port Guard config Applied

Recommended Action No action is required.

PMON-3

Error Message PMON-3-PMON_ERR_INFO: Port Monitor Error: [chars].

Explanation Port Monitor error

Recommended Action No action is required.

PMON-5

Error Message PMON-5-PGMON_FALLING_THRESHOLD: [chars].

Explanation Port Group Falling Threshold Crossed

Recommended Action No action is required.

PMON-6

Error Message PMON-6-PMON_LOG_INFO: Port Monitor Log Information: [chars].

Explanation Port Monitor Log Information

Recommended Action No action is required.

POAP Messages

This section contains the POAP messages.

POAP-2

Error Message POAP-2-POAP_DHCP_DISCOVER_RECVD_NAK: Received DHCP NAK

Explanation Received DHCP NAK

Recommended Action No action is required.

Error Message POAP-2-POAP_DHCP_DISCOVER_START: POAP DHCP Discover phase started

Explanation POAP DHCP Discover phase started

Recommended Action No action is required.

Error Message POAP-2-POAP_FAILURE: [chars]

Explanation POAP failure

Recommended Action No action is required.

Error Message POAP-2-POAP_INFO: [chars]

Explanation POAP Info

Recommended Action No action is required.

Error Message POAP-2-POAP_INITED: POAP process initialized

Explanation POAP process initialized

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_DOWNLOADED: Successfully downloaded POAP script file

Explanation Successfully downloaded POAP script file

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_EXEC_SUCCESS: POAP script execution success

Explanation POAP script execution success

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_NOT_VALIDATED: POAP script execution started(MD5 not validated)

Explanation POAP script execution started(MD5 not validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATED: POAP script execution started(MD5 validated)

Explanation POAP script execution started(MD5 validated)

Recommended Action No action is required.

Error Message POAP-2-POAP_SCRIPT_STARTED_MD5_VALIDATION_FAIL: POAP boot file validation failed

Explanation POAP boot file validation failed.

Recommended Action No action is required.

POAP-5

Error Message POAP-5-POAP_DISABLED: POAP Disabled

Explanation POAP Service Disabled

Recommended Action No action is required.

Error Message POAP-5-POAP_ENABLED: POAP Enabled

Explanation POAP Service nabled

Recommended Action No action is required.

PONG Messages

This section contains the PONG messages.

PONG-5

Error Message PONG-5-PONG_DISABLED: Pong Manager disabled

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message PONG-5-PONG_ENABLED: Pong Manager enabled

Explanation Pong Service Enabled

Recommended Action No action is required.

Error Message PONG-5-PONG_INJECTED: Pong packet injected

Explanation Pong packet injected

Recommended Action No action is required.

PORT-CHANNEL Messages

This section contains the PORT-CHANNEL messages.

PORT-CHANNEL-1

Error Message PORT-CHANNEL-1-LC_CFG_FAILURE: configuring module [dec] failed
[[chars]]

Explanation Module configuration failed

Recommended Action Module will be automatically reset

Error Message PORT-CHANNEL-1-MALLOC_FAILED: cannot allocate memory (size [dec])

Explanation No enough memory

Recommended Action No action is required.

Error Message PORT-CHANNEL-1-MAP_PARAM_FAILURE: mapping parameter failed for
[chars] [[chars]]

Explanation Parameter mapping failed

Recommended Action Specified service is misbehaving; check its status

Error Message PORT-CHANNEL-1-MCAST_SEND_FAILURE: failed to send multicast [chars]:
[chars]

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action Run show port-channel consistency to check consistency

PORT-CHANNEL-2

Error Message PORT-CHANNEL-2-AUTO_CREATE_DISABLED: [chars] has been deprecated;
[chars] [chars]

Explanation Auto create port-channel is deprecated and disabled

Recommended Action Convert the auto created channel to persistent by doing port-channel <n

Error Message PORT-CHANNEL-2-RESET_MODULE: reset module [dec] for not responding or returning error

Explanation A module is reset for not responding or returning error

Recommended Action No action is required.

PORT-CHANNEL-3

Error Message PORT-CHANNEL-3-COMPAT_CHECK_FAILURE: [chars] is not compatible

Explanation Compatibility check failed when adding ports to port-channel

Recommended Action Make sure the compatibility parameters are consistent while adding ports to port-channel, or use force option

Error Message PORT-CHANNEL-3-GENERAL_ERROR: [chars]

Explanation General error

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_TIMEOUT_ENTRY_PORT_ERR_DISABLE: Failed to send LC config due to timeout, Port [chars] Err disabled

Explanation Failed to send a lc_config message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_UCAST_FAILED_PORT_ERR_DISABLE: Failed to send LC config unicast msg, Port [chars] Err disabled

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-LC_CFG_UCAST_SEND_FAILURE: Failed to send LC config Unicast msg to slot [dec] node [hex] sap [dec]: [chars]. Resetting LineCard

Explanation Failed to send a lc_config unicast message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-PORT_CHANNEL_NOT_FOUND: [chars] is not found

Explanation Cannot find port-channel in its database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message PORT-CHANNEL-3-TIMEOUT: timed out after [dec] seconds [type [chars], state [chars]]

Explanation Some operation timed out

Recommended Action Run show port-channel consistency to check all module connectivity and consistency

PORT-CHANNEL-4

Error Message PORT-CHANNEL-4-PORT_CFG_DELETED: [chars] removed from [chars]

Explanation Port is removed from a port-channel because different module was inserted or module config purged

Recommended Action You lost some ports from port-channel, check if you want to add ports in the new module to the same port-channel.

Error Message PORT-CHANNEL-4-PORT_INDIVIDUAL: port [chars] is operationally individual

Explanation The port is operating as an individual link even though it is locally or remotely configured to be part of a port channel

Recommended Action Check the configuration of the port locally and remotely to ensure that it can operate as part of a port channel

Error Message PORT-CHANNEL-4-PORT_NOT_FOUND: port [chars] is not part of port-channel

Explanation Cannot find the port in port-channel database, which indicates an inconsistency with an external component

Recommended Action No action is required.

Error Message PORT-CHANNEL-4-RACE_WARN: [chars]

Explanation Warning of possible race condition

Recommended Action No action is required.

Error Message PORT-CHANNEL-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

PORT-CHANNEL-5

Error Message PORT-CHANNEL-5-AUTO_CREATE_FAILURE: [chars] [chars]

Explanation Auto create process on the port failed

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-CREATED: [chars] created

Explanation A port-channel is created

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-DELETED: [chars] deleted

Explanation A port-channel is deleted

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-FOP_CHANGED: [chars]: first operational port changed from [chars] to [chars]

Explanation The first operational port in a port-channel is changed

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-MAX_CHANNEL_DISALLOWED: Module failed to come online because port channel interface <port-channel number

Explanation The port-channel number configured on the switch is larger than 128

Recommended Action Delete the set of port channel interface <port-channel interface

Error Message PORT-CHANNEL-5-PORT_ADDED: [chars] added to [chars]

Explanation Ports are added to a port-channel

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PORT_DOWN: [chars]: [chars] is down

Explanation Port goes down in a port-channel

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PORT_REMOVED: [chars] removed from [chars]

Explanation Ports are removed from a port-channel

Recommended Action No action is required.

Error Message PORT-CHANNEL-5-PORT_UP: [chars]: [chars] is up

Explanation Port comes up in a port-channel

Recommended Action No action is required.

PORT-CHANNEL-6

Error Message PORT-CHANNEL-6-RESYNC: resyncing [chars] with all modules

Explanation Resync modules with sup after an error or switchover

Recommended Action No action is required.

PORT-CHANNEL-7

Error Message PORT-CHANNEL-7-GSYNC_DONE: global synchronization is done

Explanation Port-channel manager finished global synchronization

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-GSYNC_REQ: requesting global synchronization

Explanation Port-channel manager requested a global synchronization from active sup

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_ACTIVE: started in active mode

Explanation Port-channel manager started in active mode

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_DEFAULT: started with default configuration

Explanation Port-channel manager started with default configuration

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_STANDBY: started in standby mode

Explanation Port-channel manager started in standby mode

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_STATEFUL: started statefully

Explanation Port-channel manager started with running configuration

Recommended Action No action is required.

Error Message PORT-CHANNEL-7-START_STATELESS: started statelessly

Explanation Port-channel manager started with startup configuration

Recommended Action No action is required.

PORT-PROFILE Messages

This section contains the PORT-PROFILE messages.

PORT-PROFILE-2

Error Message PORT-PROFILE-2-IF_REFRESH_FAILED: Interface Database Refresh failed for [chars]

Explanation Interface Database Refresh failed

Recommended Action No action is required.

PORT-PROFILE-3

Error Message PORT-PROFILE-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation SDM process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-ASSERTION_FAILED: Failed in File:[chars] Line:[dec]

Explanation PPM Process assertion failed in File:[chars], at line:[dec]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-CREATE_IF_FAILED: Running-config collection Failed for intf range [chars]

Explanation Running-config collection failed for :[chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-IF_APPLY_FAILED: Config Apply Failed

Explanation Config Apply Failed

Recommended Action No action is required.

Error Message PORT-PROFILE-3-INTERFACE_NO_SHUTDOWN_FAILED: Interface no shutdown failed for [chars] after profile re-inherit

Explanation Interface could not be unshut after profile re-inherit

Recommended Action No action is required.

Error Message PORT-PROFILE-3-INTERFACE_SHUTDOWN_FAILED: Interface shutdown failed for [chars] after failure to apply commands

Explanation Interface could not be shutdown after failure to apply commands

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_CREATE_FAILED: Port-profile [chars] creation failed with error "[chars]"

Explanation Port-profile:[chars] creation failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DEINHERIT_FAILED: Port-profile [chars] de-inherit failed with error [chars] on [chars]

Explanation Port-profile:[chars] de-inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DELETE_FAILED: Port-profile [chars] is deletion failed with error "[chars]"

Explanation Port-profile:[chars] deletion failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_DISABLE_FAILED: Port-profile [chars] disable failed with error "[chars]"

Explanation Port-profile:[chars] disable failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_ENABLE_FAILED: Port-profile [chars] enable failed with error "[chars]"

Explanation Port-profile:[chars] enable failed with [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-3-PROFILE_INHERIT_FAILED: Port-profile [chars] inherit failed with error [chars] on [chars]

Explanation Port-profile:[chars] inherit failed with [:chars] on [:chars]

Recommended Action No action is required.

PORT-PROFILE-6

Error Message PORT-PROFILE-6-PROFILE_CREATED: Port-profile [chars] is created successfully

Explanation Port-profile:[chars] is created

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DEINHERITED: Port-profile [chars] is de-inherited successfully on [chars]

Explanation Port-profile:[chars] is de-inherited on [:chars]

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DELETED: Port-profile [chars] is deleted successfully

Explanation Port-profile:[chars] is deleted

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_DISABLED: Port-profile [chars] is disabled successfully

Explanation Port-profile:[chars] is disabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_ENABLED: Port-profile [chars] is enabled successfully

Explanation Port-profile:[chars] is enabled

Recommended Action No action is required.

Error Message PORT-PROFILE-6-PROFILE_INHERITED: Port-profile [chars] is inherited successfully on [chars]

Explanation Port-profile:[chars] is inherited on [:chars]

Recommended Action No action is required.

PORT-RESOURCES Messages

This section contains the PORT-RESOURCES messages.

PORT-RESOURCES-3

Error Message PORT-RESOURCES-3-PRM_MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action No action is required.

PORT-RESOURCES-5

Error Message PORT-RESOURCES-5-INVALID_PORT_ACTIV_PKG_LICENSE_FILE_INSTALLED: Invalid on demand port activation license file is installed for module [dec] (number of port licenses = [dec])

Explanation Interfaces may not acquire port activation licenses during installation

Recommended Action Install a valid port activation license file

PORT-SECURITY Messages

This section contains the PORT-SECURITY messages.

PORT-SECURITY-2

Error Message PORT-SECURITY-2-ALLOC_FAILED: Memory allocation failed for size:[dec] for [chars]

Explanation Memory allocation failed for size [dec] for [chars]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-2-FEATURE_DISABLED: Feature [chars] disabled due to [chars]

Explanation Feature [chars] is unavailable and will be disabled now

Recommended Action Please install the correct license and reenable

PORT-SECURITY-3

Error Message PORT-SECURITY-3-BINDING_CONFLICT: [chars]

Explanation An already logged in device is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action For port-security, the auto-learn feature can be used with activation to prevent this. This violating device or switch will be logged out

Error Message PORT-SECURITY-3-BINDING_VIOLATION: [chars]

Explanation A login happend that violates PSM binding configurations [chars] indicates the WWN of the login entity

Recommended Action Only entries in the activated database of PSM can login. Change the config and activate it again

Error Message PORT-SECURITY-3-CFS_NOTIF_ERR: [chars]

Explanation An error occurred during the processing of a CFS notification. [chars] indicates the actual cause for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-DB_ERR: [chars]

Explanation An error occurred during an PSM database operation. [chars] indicates the reason for the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-EFMD_FC2_OPER_FAILED: [chars]

Explanation EFMD fc2 operation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-EFMD_INIT_FAILED: [chars]

Explanation EFMD init failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-EFMD_MERGE_UNKNOWN_FORMAT: [chars]

Explanation Received a corrupted EFMD Request Packet

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-INIT_FAIL: [chars]

Explanation An error happened during PSM Initialization. [chars] indicates the reason for failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-LEARNT_BINDING_CONFLICT: [chars]

Explanation An already logged in device that is learnt during activation is in conflict with the PSM active binding configurations. [chars] indicates the WWN of the login entity, interface

Recommended Action Copy the active-db to config-db and reactivate. Not doing so could result in unexpected login rejects later on that interface.

Error Message PORT-SECURITY-3-MTS_ERR: [chars]

Explanation An error occurred in processing of an MTS message. [chars] indicates the error that occurred

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-PSS_ERR: [chars]

Explanation An error occurred during an PSM PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PORT-SECURITY-3-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

PORT-SECURITY-4

Error Message PORT-SECURITY-4-ACTIVATION_FAIL: [chars]

Explanation Activation of bindings failed due to [chars]

Recommended Action Correct the error and reactivate it again

PORT-SECURITY-6

Error Message PORT-SECURITY-6-INFO: [chars]

Explanation An event happend that affects PSM. [chars] indicates the event

Recommended Action No action is required.

PORT Messages

This section contains the PORT messages.

PORT-2

Error Message PORT-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled) [chars] [chars]

Explanation The interface encountered an error while configuring it. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed interface using command showportinternalallinterface[char]'.Inmostcases,youcanrecoverusingfollowingcommands'configterminal','interface[char]','shutdown','noshutdown'ontheinterfaceorremovingandre-insertingthefibreoptic cable'

Error Message PORT-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

PORT-3

Error Message PORT-3-IF_SFP_ALARM: Interface [chars], [chars] [chars] [chars]

Explanation There was an alarm on the transceiver module. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please do show interface transceiver details to obtain more information

Error Message PORT-3-IF_TRANSCEIVER_READ_ERROR: Transceiver read error for interface [chars] [chars] [chars]

Explanation Transceiver eeprom read failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Remove and insert the SFP back again. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message PORT-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver for interface [chars] is not supported

Explanation Transceiver is not from an authorized vendor

Recommended Action This command will determine the transceiver being used: show interface transceiver. Please contact customer support for a list of authorized transceiver vendors

PORT-4

Error Message PORT-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message PORT-4-IF_SFP_CLK_RATE_ERROR: SFP clock rate error for interface [chars] [chars] [chars]

Explanation SFP clock rate mismatch/failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Remove the SFP and insert a new one with a different frequency type. If the problem persists check if the transceiver is supported using the command: show interface transceiver. Please contact customer support to resolve the condition

Error Message PORT-4-IF_SFP_WARNING: Interface [chars], [chars] [chars] [chars]

Explanation There was an warning on the transceiver module. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please do show interface transceiver details to obtain more information

Error Message PORT-4-IF_TRUSTSEC_VIOLATION: Interface [chars] encountered port security violation [chars] [chars]

Explanation The port has detected port security violation. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check port security configs on interface

PORT-5

Error Message PORT-5-EPP_DISABLED: Interface [chars] (EPP disabled in the [chars] switch) [chars]

Explanation Trunk protocol, EPP is disabled in the local/peer switch

Recommended Action Perform the following commands on the local/peer switch to enable EPP: config terminal,'trunkprotocolenable"

Error Message PORT-5-EC_DISABLED_AS_LICENSE_NOT_PRESENT: Extended credit feature has been disabled as Enterprise Package license could not be checked out

Explanation The Enterprise Package license is not available, so the extended credit feature has been disabled even though it was present in startup config

Recommended Action Install the Enterprise Package license and re-enable the extended credit feature

Error Message PORT-5-IF_BRINGUP_ALLOWED_FCOT_CHECKSUM_ERR: Interface [chars] is allowed to come up even with SFP checksum error [chars] [chars]

Explanation SFP checksum on this interface failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Try to replace the SFP on this interface

Error Message PORT-5-IF_BRINGUP_FAILED_ALL_ZERO_PEER_WWN_RCVD: Interface [chars], is not allowed to come up (received as all zeros wwn from peer [chars] [chars])

Explanation Check peer interface configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_BRINGUP_NOT_ALLOWED_PORT_CONFIG_FAILURE: Interface [chars] is not allowed to be operational due to port config failure for reason: [chars] ([hex]) [chars] [chars]

Explanation Check interface configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Try to change the configuration on the interface with the current available hardware capability

Error Message PORT-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down) [chars] [chars]

Explanation Interface has been configured to be administratively down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform the following commands to bring up the interface:
configterminal,'interface[char'],'noshutdown"

Error Message PORT-5-IF_DOWN_BIT_ERR_RT_THRES_EXCEEDED: Interface [chars] is down (Error disabled - bit error rate too high) [chars] [chars]

Explanation The port has detected too high bit error rate in frames received from attached device. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the attached device; replace it if needed

Error Message PORT-5-IF_DOWN_BUNDLE_MISCFG: Interface [chars] is down (Isolation due to channel mis-configuration on local or remote switch) [chars] [chars]

Explanation One port across a link is part of a PortChannel while the other is not. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action While adding or deleting a member port from a PortChannel, both ports across the link should be added/deleted. No operation should be performed on either ports until they are both added/deleted.

Error Message PORT-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change) [chars] [chars]

Explanation FCIP interface temporarily down due to reconfiguration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down) [chars] [chars]

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform the following commands on the PortChannel interface to which it belongs to bring the interface up: configterminal', 'interface[char]', 'shutdown', 'noshutdown"

Error Message PORT-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress) [chars] [chars]

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Retry the configuration again

Error Message PORT-5-IF_DOWN_DENIED_DUE_TO_PORT_BINDING: Interface [chars] is down (Suspended due to port binding) [chars] [chars]

Explanation The F port is suspended due to being denied by port binding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the port binding database to allow the host port to log in.

Error Message PORT-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure) [chars] [chars]

Explanation Isolated due to a failure while assigning a domain. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_ID_MISMATCH_ISOLATION: Interface [chars] is isolated (configured fcdomain ID is different from runtime config) [chars] [chars]

Explanation The runtime fcdomain ID does not equal the static configured fcdomain ID. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the fcdomain ID configuration matches the runtime config.

Error Message PORT-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration) [chars] [chars]

Explanation Invalid RCF received. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled) [chars] [chars]

Explanation Isolated due to domain manager being disabled. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding) [chars] [chars]

Explanation Remote end domain manager not responding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_NOT_ALLOWED_ISOLATION: Interface [chars] is isolated (domain not allowed) [chars] [chars]

Explanation There are not enough allowed domains to merge the VSANs across the link. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that all assigned domain ids are in the configured allowed domains on both sides of the link.'

Error Message PORT-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated) [chars] [chars]

Explanation Isolating this interface due to the remote end being isolated. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap) [chars] [chars]

Explanation Isolated due to domain overlap. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_DPVM_VSAN_NOT_FOUND: Interface [chars] is down (dynamic vsan not present) [chars] [chars]

Explanation The specified dynamic vsan is not configured on this switch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the dynamic vsan.

Error Message PORT-5-IF_DOWN_DPVM_VSAN_SUSPENDED: Interface [chars] is down (dynamic vsan in suspended state) [chars] [chars]

Explanation The specified dynamic vsan is in suspended state. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Un-suspend the dynamic vsan.

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSF_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class F param error) [chars] [chars]

Explanation ELP failed on the interface due to class F param error. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_CLASSN_PARAM_ERR: Interface [chars] is down (Isolation due to ELP failure: class N param error) [chars] [chars]

Explanation ELP failed on the interface due to class N param error. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PAYLOAD_SIZE: Interface [chars] is down (Isolation due to ELP failure: invalid payload size)

Explanation ELP failed on the interface due to invalid payload size

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_PORT_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid port name) [chars] [chars]

Explanation ELP failed on the interface due to invalid port name. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_SWITCH_NAME: Interface [chars] is down (Isolation due to ELP failure: invalid switch name) [chars] [chars]

Explanation ELP failed on the interface due to invalid switch name. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_INVALID_TX_BBCREDIT: Interface [chars] is down (Isolation due to ELP failure: loopback detected) [chars] [chars]

Explanation ELP failed on the interface due to loopback connection detected. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Connect to a port on another switch and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_LOOPBACK_DETECTED: Interface [chars] is down (Isolation due to ELP failure: invalid transmit B2B credit) [chars] [chars]

Explanation ELP failed on the interface due to invalid transmit B2B credit. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_RATOV_EDTOV_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: R_A_TOV or E_D_TOV mismatch) [chars] [chars]

Explanation ELP failed on the interface due to R_A_TOV or E_D_TOV mismatch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure R_A_TOV and E_D_TOV values correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_REVISION_MISMATCH: Interface [chars] is down (Isolation due to ELP failure: revision mismatch) [chars] [chars]

Explanation ELP failed on the interface due to revision mismatch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_CODE: Interface [chars] is down (Isolation due to ELP failure: invalid flow control code) [chars] [chars]

Explanation ELP failed on the interface due to invalid flow control code. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION_UNKNOWN_FLOW_CTL_PARAM: Interface [chars] is down (Isolation due to ELP failure: invalid flow control param) [chars] [chars]

Explanation ELP failed on the interface due to invalid flow control param. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the attached switchport correctly and try again

Error Message PORT-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure) [chars] [chars]

Explanation ELP failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message PORT-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure) [chars] [chars]

Explanation Trunk protocol failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action showportinternalevent-historymsgs'willindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message PORT-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure) [chars] [chars]

Explanation ESC failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the output of
showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message PORT-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down) [chars] [chars]

Explanation Ethernet link to which the FCIP interface is bound is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message PORT-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down) [chars] [chars]

Explanation Ethernet link to which the FCIP interface is bound is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message PORT-5-IF_DOWN_FABRIC_BIND_FAILURE: Interface [chars] is down(Isolation due to fabric bind failure) [chars] [chars]

Explanation Fabric binding failed on this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the fabric binding database to ensure that the remote port is allowed to connect to this port

Error Message PORT-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present) [chars] [chars]

Explanation The FCOT has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Insert an FCOT

Error Message PORT-5-IF_DOWN_FCOT_REMOVED: Interface [chars] is down (FCOT has been removed) [chars] [chars]

Explanation The FCOT has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Insert an FCOT

Error Message PORT-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - FCOT vendor not supported) [chars] [chars]

Explanation FCOT inserted is not a supported one. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message PORT-5-IF_DOWN_FCSP_AUTHENT_FAILURE: Interface [chars] is down (FC-SP authentication failure) [chars] [chars]

Explanation The port failed FC-SP authentication with its peer. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the FC-SP configuration.

Error Message PORT-5-IF_DOWN_FICON_BEING_ENABLED: Interface [chars] is down(FICON being enabled) [chars] [chars]

Explanation FICON is being enabled on the port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please wait. This might take a while

Error Message PORT-5-IF_DOWN_FICON_NOT_ENABLED: Interface [chars] is down(Error disabled - FICON not enabled) [chars] [chars]

Explanation FICON not enabled on port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please enable FICON on port

Error Message PORT-5-IF_DOWN_FICON_VSAN_DOWN: Interface [chars] is down(FICON vsan down) [chars] [chars]

Explanation FICON is being enabled on the port VSAN of this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This is an intermediary state, whereby the port VSAN of the port is being enabled to be a FICON VSAN.

Error Message PORT-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure) [chars] [chars]

Explanation The module hardware has failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed module using command `show module internal all module`

Error Message PORT-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive) [chars] [chars]

Explanation The port VSAN has been suspended or deleted. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Assign a new active port VSAN to the interface

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode) [chars] [chars]

Explanation The configured mode is not supported on this interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a `show port internal info` to determine the list of modes supported on this interface'

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit) [chars] [chars]

Explanation The configured receive B2B credit size is not supported. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Get the allowed receive B2B credit size from `show port internal info`'

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize) [chars] [chars]

Explanation The configured receive buffer size is not supported. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Get the allowed receive buffer size from showportinternalinfo"

Error Message PORT-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed) [chars] [chars]

Explanation The configured speed is not supported on this interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a showportinternalinfo'todeterminetherangeofspeedsupportedonthisinterface'

Error Message PORT-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing) [chars] [chars]

Explanation The interface is in the process of coming up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action If the interface is stuck in this state for a while, check the output of showportinternalevent-history'todeterminewhatitiswaitingfor'

Error Message PORT-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed) [chars] [chars]

Explanation Interface removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_INVALID_ATTACHMENT: Interface [chars] is down(Invalid attachment) [chars] [chars]

Explanation The peer port does not have the compatible security attributes. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please ensure that the peer port has compatible security attributes as the local port.

Error Message PORT-5-IF_DOWN_INVALID_CONFIG: Interface [chars] is down(Error disabled - Possible PortChannel misconfiguration) [chars] [chars]

Explanation The local and peer port have a PortChannel membership misconfiguration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that both the local and peer ports are either both members of the same PortChannel or are not both part of PortChannel

Error Message PORT-5-IF_DOWN_INVALID_FABRIC_BINDING: Interface [chars] is down(Invalid fabric binding exchange) [chars] [chars]

Explanation Fabric binding failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check fabric binding database

Error Message PORT-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure [chars]) [chars] [chars]

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message PORT-5-IF_DOWN_LOCALLY_DISRUPTIVE_RECONFIGURATION: Interface [chars] is down (fcdomain applied a locally disruptive reconfiguration) [chars] [chars]

Explanation Fcdomain applied a locally disruptive reconfiguration (local domain became invalid. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure) [chars] [chars]

Explanation Diag failed on the interface. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about failed interface using command attachmodule'toconnecttomodule'

Error Message PORT-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch) [chars] [chars]

Explanation The interface is looped back to another interface on the same switch. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message PORT-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed) [chars] [chars]

Explanation Interface is down because the module was removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_NONE: Interface [chars] is down (None) [chars] [chars]

Explanation There is no apparent reason the interface is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Collect more information about port using command `showportinternalallinterface[char]'todeterminewhyitwentdown'`

Error Message PORT-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating) [chars] [chars]

Explanation The loop port has been put into non participating mode. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_NOS_RCVD: Interface [chars] is down (NOS received) [chars] [chars]

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message PORT-5-IF_DOWN_NO_TRUNK_OPER_VSANS_ISOLATION: Interface [chars] is down(Isolation due to no common vsans with peer on trunk) [chars] [chars]

Explanation The trunk port is isolated as there are no common VSANs to be brought up with the peer port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check that there are common VSANs configured and allowed to come up between the ports.

Error Message PORT-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline) [chars] [chars]

Explanation The interface has been placed into the offline state. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_OHMS_EXTERNAL_LB_TEST: Interface [chars] is down(Loopback test) [chars] [chars]

Explanation Loopback tests. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please wait. This might take a while

Error Message PORT-5-IF_DOWN_OLS_RCVD: Interface [chars] is down (OLS received) [chars] [chars]

Explanation The physical link has gone down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message PORT-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down) [chars] [chars]

Explanation Parent interface is down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer) [chars] [chars]

Explanation The FCIP peer connected to this interface closed the TCP connection. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message PORT-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer) [chars] [chars]

Explanation TCP connection to the FCIP peer got reset. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message PORT-5-IF_DOWN_PORT_ACT_LICENSE_NOT_AVAILABLE: Interface [chars] is not allowed to come up (port activation license not available [chars] [chars])

Explanation Assign a port activation license to this port or install additional port activation licenses as needed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_PORT_BIND_FAILURE: Interface [chars] is down(Isolation due to port bind failure) [chars] [chars]

Explanation Port binding failed on this port. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please check the port binding database to ensure that the remote port is allowed to connect to this port

Error Message PORT-5-IF_DOWN_PORT_BLOCKED: Interface [chars] is down(Port blocked due to FICON) [chars] [chars]

Explanation The port has been blocked by FICON configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Please unblock the port in FICON configuration.

Error Message PORT-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members) [chars] [chars]

Explanation This is a PortChannel interface and all its members are operationally down. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Enable at least one of the PortChannelsmembers'

Error Message PORT-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port VSAN mismatch) [chars] [chars]

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message PORT-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress) [chars] [chars]

Explanation There is an RCF in progress. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure) [chars] [chars]

Explanation The software servicing the data path on the port has failed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online) [chars] [chars]

Explanation Module that has the tunnel source port of this FCIP interface is not fully online. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message PORT-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound) [chars] [chars]

Explanation Tunnel port source interface unbound. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed) [chars] [chars]

Explanation Tunnel source port of this FCIP interface has been removed. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode) [chars] [chars]

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed) [chars] [chars]

Explanation This interface belongs to a PortChannel and operational speedode of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message PORT-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN) [chars] [chars]

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message PORT-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended) [chars] [chars]

Explanation This interface belongs to a PortChannel and has been suspended to to an error while bringing it up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action In most cases, you can recover using following commands
 configterminal,'interface[char'],'shutdown','noshutdown'ontheinterface.Ifthishappensagainobtaino
 utputof'showportinternalallinterface[char]'ontheinterface'

Error Message PORT-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired) [chars] [chars]

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure) [chars] [chars]

Explanation Interface is down due to maximum retransmission failure. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired) [chars] [chars]

Explanation TCP session to the FCIP peer closed because TCP persist timer expired. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message PORT-5-IF_DOWN_TOO_MANY_INTR: Interface [chars] is down (Error disabled - too many interrupts) [chars] [chars]

Explanation The port has received too many interrupts in the hardware. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the attached device; replace it if needed

Error Message PORT-5-IF_DOWN_TOO_MANY_INVALID_FLOGIS: Interface [chars] is down(Suspended due to too many invalid flogis [chars] [chars]

Explanation The port is suspended due to receiving a large number of invalid FLOGIs.[optionallyiftheportbelongstoport-channel,theport-channelnumbertowhichtheportbelongs willbedisplayedandifinterfacedescriptionisconfigured,theinterfacedescriptionisdisplayed]

Recommended Action Please check the HBA and perform a shut, followed by no shut on the port.

Error Message PORT-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress) [chars] [chars]

Explanation Upgrade of the linecard software is in progress. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_VIRTUAL_IVR_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to virtual IVR domain overlap) [chars] [chars]

Explanation Isolated due to virtual IVR domain overlap. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch) [chars] [chars]

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message PORT-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure) [chars] [chars]

Explanation Isolated due to a failure during zone merge. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding) [chars] [chars]

Explanation Isolated due to remote zone server not responding. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_PORT_GUARD_DOWN: Interface [chars] is down ([chars]) [chars] [chars]

Explanation The interface is down due to port guard configuration. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action Perform a shut followed by no shut to bring up the interface

Error Message PORT-5-IF_PORT QUIESCE_FAILED: Interface [chars] port quiesce failed due to failure reason: [chars] ([hex])

Explanation There may be few packet drops due to this failure

Recommended Action No action is required.

Error Message PORT-5-IF_PSS_DUPLICATE_KEY: Duplicate key found for Interface [chars]

Explanation Duplicate pss key detected

Recommended Action No action is required.

Error Message PORT-5-IF_TRUNK_DOWN: Interface [chars], vsan [chars] is down ([chars]) [chars] [chars]

Explanation Interface [chars] is trunking, VSAN [chars] is down with reason in (). [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface VSAN

Error Message PORT-5-IF_TRUNK_UP: Interface [chars], vsan [chars] is up [chars] [chars]

Explanation Interface [chars] is trunking, VSAN [chars] is up. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-IF_UP: Interface [chars] is up [chars] [chars] [chars]

Explanation Interface is up in mode specified, if applicable. [optionally if the port belongs to port-channel, the port-channel number to which the port belongs will be displayed and if interface description is configured, the interface description is displayed]

Recommended Action No action is required.

Error Message PORT-5-MODULE_BRINGUP_NOT_ALLOWED: Not allowing module [dec] to come up for reason: [chars] ([hex])

Explanation Module is not allowed to be operational due to the current system state

Recommended Action Use command "show module <x

Error Message PORT-5-MODULE_INDEX_RESTORE_ERROR: Error in restoring indices for module [dec]: reason [chars] ([hex])

Explanation Restore of module index may fail due to overlap of indices

Recommended Action No action is required.

Error Message PORT-5-MODULE_UNLIMITED_OSM_SEQ_FAILED: Enable/Disable of unlimited oversubscription failed for module [dec]

Explanation Interfaces of the module may be in indeterminate state

Recommended Action Reload the module

PREFPATH Messages

This section contains the PREFPATH messages.

PREFPATH-1

Error Message PREFPATH-1-LC_CFG_FAILURE: configuring module [dec] failed [[chars]]

Explanation Module configuration failed

Recommended Action No action is required.

Error Message PREFPATH-1-MCAST_SEND_FAILURE: failed to send multicast [chars]:
[chars]

Explanation Failed to send a multicast message to all modules, usually because some module went down

Recommended Action No action is required.

PREFPATH-2

Error Message PREFPATH-2-INITFAIL: Preferred Path Initialization failed: [chars]

Explanation Preferred Path initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message PREFPATH-2-IPC_PROCESSING_ERR: Error in processing IPC message :
Opcode = [dec], Error code = [hex]

Explanation Preferred Path component encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message PREFPATH-2-PREFPATH_INIT: Preferred Path initialization of [chars]
[chars]

Explanation Preferred Path initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

PREFPATH-3

Error Message PREFPATH-3-ACL_PROG_FAILURE: SLOT [dec]: Failed to [chars] ACL for route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars] (ACL return code=[hex], [chars])

Explanation The Preferred Path has failed to program or erase Preferred Path related ACL. The error code returned by ACL module is [int.].

Recommended Action No action is required.

Error Message PREFPATH-3-DBERROR: [chars]

Explanation Preferred Path encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-FAILURE_RESPONSE: [chars] [dec]

Explanation Preferred Path failed to get response [chars][int.] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-GENERAL_ERROR: General Error: [chars]

Explanation General error

Recommended Action No action is required.

Error Message PREFPATH-3-MTSERROR: [chars]

Explanation Preferred Path encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-PREFPATH_ACTIVE_FAILURE: Failed to [chars] route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars] (reason: [chars])

Explanation The Preferred Path has failed to activate route. The reason is [str.].

Recommended Action No action is required.

Error Message PREFPATH-3-PSSERROR: [chars]

Explanation Preferred Path encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message PREFPATH-3-RIB_ERR: Error in RIB : [chars]

Explanation Failed to interact with RIB for static route update, error description in [chars].

Recommended Action No action is required.

Error Message PREFPATH-3-TIMEOUT_ERROR: [chars] [dec]

Explanation Preferred Path encountered a timeout [chars][int.] specify the context where the failure occurred.

Recommended Action No action is required.

PREFPATH-4

Error Message PREFPATH-4-UNEXPECTED_RESPONSE: unexpected response [chars] from [chars]

Explanation Received an unexpected response and discarded

Recommended Action No action is required.

PREFPATH-6

Error Message PREFPATH-6-ACL_PROG_SUCCESS: SLOT [dec]: Successfully [chars] route - source fcid [chars] mask [chars] dest fcid [chars] mask [chars] selected interface [chars]

Explanation The Preferred Path has successfully programmed or erased Preferred Path related ACL.

Recommended Action No action is required.

Error Message PREFPATH-6-SERVICE_UP: Initialized [chars]

Explanation Preferred Path Service Up

Recommended Action No action is required.

Error Message PREFPATH-6-STATE_CREATED: Internal state created [chars]

Explanation Preferred Path has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

PRIVATE_VLAN Messages

This section contains the PRIVATE_VLAN messages.

PRIVATE_VLAN-2

Error Message PRIVATE_VLAN-2-PVLAN_ASSOC_DOWN_FAILED: Failed to bring down the association between [dec] & [dec]

Explanation Association bringdown failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ASSOC_UP_FAILED: Failed to bring up the association between [dec] & [dec]

Explanation Association bringup failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ELTM_MTS_SEND_FAILED: MTS send failed while communicating with ELTM.

Explanation ELTM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ELTM_TIMED_OUT: ELTM timed out while configuring hardware.

Explanation ELTM timed out

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_ETHPM_TIMED_OUT: ETHPM timed out while configuring/unconfiguring hardware

Explanation ETHPM timed out

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_HW_ERROR: Error [hex] occurred for ifindex [hex] while programming hardware: [chars]

Explanation Hardware Configuration Error

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_MTS_SEND_FAILED: MTS send failed while communicating with PIXM

Explanation PIXM MTS send failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-2-PVLAN_PIXM_TIMED_OUT: PIXM timed out while configuring hardware.

Explanation PIXM timed out

Recommended Action No action is required.

PRIVATE_VLAN-3

Error Message PRIVATE_VLAN-3-PVLAN_ASSOC_SDB_UPDATE_FAILED: Failed to update SDB while [chars] association for vlan [dec]

Explanation SDB Update failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_IN_USE: PVLAN [dec] in use by interface [chars], please do "no switchport access vlan" or "no switchport private-vlan host-association"

Explanation PVLAN in use

Recommended Action No action is required.

Error Message PRIVATE_VLAN-3-PVLAN_VLANMGR_FAILURE: Cannot restore association operational state. Failed to communicate with VLAN manager

Explanation Restoring association operational status failed

Recommended Action No action is required.

PRIVATE_VLAN-5

Error Message PRIVATE_VLAN-5-PVLAN_DISABLED: PVLAN Disabled

Explanation PVLAN Service Disabled

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_DISABLE_FAILED: Disabling of private-vlan failed. Either shutdown these ports or remove them from private-vlan mode: [chars]

Explanation Disabling of private-vlan failed

Recommended Action No action is required.

Error Message PRIVATE_VLAN-5-PVLAN_ENABLED: PVLAN Enabled

Explanation PVLAN Service Enabled

Recommended Action No action is required.

PROC_MGR Messages

This section contains the PROC_MGR messages.

PROC_MGR-SLOT#-2

Error Message PROC_MGR-SLOT#-2-ERR_MSG: [chars]

Explanation Process manager error.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-MESG: [chars]

Explanation Process manager information.

Recommended Action Process manager information.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_CRIT_ERROR: ERROR: Critical error determined for app ([chars]) status=[dec] signal=[dec]

Explanation Application caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_APP_EXITED: ERROR: Application ([chars]) exited with status=[dec] signal=[dec]

Explanation Application exited.

Recommended Action Check the application.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error and linecard will be rebooted

Explanation Component caused critical error.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_CRIT_ERROR: ERROR: Critical error determined for component ([chars]) errno=[dec]

Explanation Critical error for component.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_DEP_FAIL: ERROR: Dependency failure - Component ([chars]) depends on ([chars])

Explanation Component dependency failure.

Recommended Action Check whether the component exists.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_NOT_INSTALLED: ERROR: Component ([chars]) could not be installed errno=[dec]

Explanation Component not installed.

Recommended Action Check whether the component exists.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_COMP_TIMEOUT: ERROR: Component ([chars]) did not exit and time out occurred

Explanation Component initialization timed out.

Recommended Action Check the component.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_MTS_CORE_CLIENT_FAIL: ERROR: MTS message to core_client FAILED errno=[dec]

Explanation Message to core client failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_QUIT: Process manager quitting because: [chars]

Explanation Process manager quitting.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_RM_KLM_SCRIPT: Removed: KLM/Script [[chars]] in [dec] sec [dec] usec ...

Explanation Removed KLM/Script.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_STOP_PROC: Process [[chars]] exited in [dec] sec [dec] usec ...

Explanation Process stopped.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_TERM_TIME: * Termination took [dec] sec [dec] usec *

Explanation Process manager termination time.

Recommended Action No action is required.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_PEEK_FAIL: ERROR: Unable to peek on utaker queue

Explanation Peek at utaker queue failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_ALLOC_FAIL: ERROR:Failed to allocate utaker semaphore: [dec]

Explanation Utaker semaphore allocation failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GET_FAIL: ERROR:[chars] [dec]: Failed to get utaker semaphore: [dec]

Explanation Utaker semaphore get failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_GIVE_FAIL: ERROR:[chars] [dec]: Failed to give utaker semaphore: [dec]

Explanation Utaker semaphore give failed.

Recommended Action Restart the linecard.

Error Message PROC_MGR-SLOT#-2-PROC_MGR_UT_SEM_TAKE_FAIL: ERROR:[chars] [dec]: Failed to take utaker semaphore: [dec]

Explanation Utaker semaphore take failed.

Recommended Action Restart the linecard.

PROC_MGR-SLOT#-3

Error Message PROC_MGR-SLOT#-3-PROC_MGR_ERROR_MSG: [chars]

Explanation Process manager error message

Recommended Action No action is required.

PROC_MGR-SLOT#-4

Error Message PROC_MGR-SLOT#-4-PROC_MGR_APP_NOT_RESP: ERROR: Process ([chars]) is not responding, it will be terminated

Explanation Application not sending heartbeat.

Recommended Action Check the application.

PROC_MGR-SLOT#-6

Error Message PROC_MGR-SLOT#-6-PROC_MGR_INFO_MSG: [chars]

Explanation Process manager info message

Recommended Action No action is required.

PROFILER Messages

This section contains the PROFILER messages.

PROFILER-0

Error Message PROFILER-0-EMERGENCY_MSG: [chars]

Explanation Profiler Emergency Message

Recommended Action Please file the bug for Profiler Library Component throCDETS'

PROFILER-1

Error Message PROFILER-1-ALERT_MSG: [chars]

Explanation Profiler Alert Message

Recommended Action Profiler Internal Operation Alert

PROFILER-2

Error Message PROFILER-2-CRITICAL_MSG: [chars]

Explanation Profiler Critical Message

Recommended Action No action is required.

PROFILER-3

Error Message PROFILER-3-ERROR_MSG: [chars]

Explanation Profiler Error Message

Recommended Action No action is required.

PROFILER-4

Error Message PROFILER-4-WARN_MSG: [chars]

Explanation Profiler Warning Message

Recommended Action No action is required.

PROFILER-5

Error Message PROFILER-5-NOTIF_MSG: [chars]

Explanation Profiler Notification Message

Recommended Action No action is required.

PROFILER-6

Error Message PROFILER-6-INFO_MSG: [chars]

Explanation Profiler Informational Message

Recommended Action No action is required.

PROFILER-7

Error Message PROFILER-7-DEBUG_MSG: [chars]

Explanation Profiler Debug Message

Recommended Action No action is required.

PSS Messages

This section contains the PSS messages.

PSS-0

Error Message PSS-0-PSS_NO_MORE_PAGES: [chars]: needs more working pages

Explanation Service needs more working page buffers

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message PSS-0-PSS_READ_DATA_FAILURE: [chars]: failed to read data to [chars] block [dec]: [chars]

Explanation PSS cannot read data

Recommended Action No action is required.

Error Message PSS-0-PSS_SYNC_DATA_FAILURE: [chars]: failed to sync data to [chars]: [chars]

Explanation PSS cannot sync data due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_SYNC_LOG_FAILURE: [chars]: failed to sync log: [chars]

Explanation PSS cannot sync log due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_UNKNOWN_LOG: [chars]: unknown log type [hex] at offset [dec]

Explanation Unknown logging entry found

Recommended Action No action is required.

Error Message PSS-0-PSS_WRITE_DATA_FAILURE: [chars]: failed to write data to [chars] block [dec]: [chars]

Explanation PSS cannot write data due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_WRITE_FAILURE: [chars]: failed to write data: [chars]

Explanation PSS cannot write data due to filesystem or disk error

Recommended Action No action is required.

Error Message PSS-0-PSS_WRITE_LOG_FAILURE: [chars]: failed to write log: [chars]

Explanation PSS cannot write log due to filesystem or disk error

Recommended Action No action is required.

PSS-1

Error Message PSS-1-PSS_INVALID_MAGIC: [chars]: database [chars] has invalid magic number [hex]

Explanation PSS found a corrupted database with invalid magic number

Recommended Action No action is required.

Error Message PSS-1-PSS_META_READ_ERROR: [chars]: cannot read meta page from [chars]: [chars]

Explanation PSS cannot read meta page of a database

Recommended Action No action is required.

Error Message PSS-1-PSS_STAT_ERROR: [chars]: cannot stat [chars]: [chars]

Explanation PSS cannot do fstat on a database

Recommended Action No action is required.

Error Message PSS-1-PSS_VERSION_MISMATCH: [chars]: found version mismatch in [chars]

Explanation PSS found a database whose format it cannot interpret due to version mismatch

Recommended Action The image upgrade was not done properly; write erase should cure it as a last step

PSS-2

Error Message PSS-2-PSS_INFRACONVERT: [chars]

Explanation Error in libinfraconvert during pss conversion

Recommended Action No action is required.

Error Message PSS-2-PSS_INVALID_SIZE: [chars]: database [chars] ([chars]) has invalid size %ld (block size [dec])

Explanation PSS found a database with invalid size - probably due to a crash

Recommended Action No action is required.

Error Message PSS-2-PSS_MISSING_FILE: [chars]: database [chars] missing [chars] file

Explanation PSS database is incomplete; probably due to a crash

Recommended Action No action is required.

Error Message PSS-2-PSS_RECOVERY_FAILED: [chars]: failed to recover [chars]

Explanation PSS recovery failed

Recommended Action No action is required.

PSS-4

Error Message PSS-4-PSS_CLEANUP: [chars]: cleaning up [chars]

Explanation PSS removed a leftover or corrupted file

Recommended Action No action is required.

Error Message PSS-4-PSS_RECOVERY_ENDED: [chars]: recovered [chars] successfully

Explanation PSS recovery finished

Recommended Action No action is required.

Error Message PSS-4-PSS_RECOVERY_STARTED: [chars]: recovering [chars]: [dec] valid transactional records

Explanation PSS started recovery of previous aborted transaction

Recommended Action No action is required.

PSS-5

Error Message PSS-5-PSS_CONVERT_FORMAT: [chars]: converting pss format: [chars]

Explanation PSS format is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_CONVERT_LAYOUT: [chars]: converting pss layout: [chars] (params [dec]/[dec]/[dec] -

Explanation PSS layout is being converted

Recommended Action No action is required.

Error Message PSS-5-PSS_SHRINK: [chars]: shrinking pss: [chars]

Explanation PSS is being shrunk to remove free space

Recommended Action No action is required.

Error Message PSS-5-SDB_CLOSED_AT_COMMIT: [chars]: sdb [chars] is closed: token [dec] is not committed

Explanation Publisher received SDB commit but sdb was already closed

Recommended Action No action is required.

PTPLC Messages

PTPLC-3

Error Message PTPLC-3-PTPLC_PORT_CFG_FAILED: Configuration failed on port [hex], [chars]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

Error Message PTPLC-3-PTPLC_PTP_INTF_CONFIG_ERROR: Failed to configure PTP/PONG on port [dec]: [hex], [chars]

Explanation PTP interface configuration error

Recommended Action No action is required.

PTP Messages

This section contains the PTP messages.

PTP-5

Error Message PTP-5-PTP_DISABLED: PTP disabled

Explanation PTP Service Enabled

Recommended Action No action is required.

Error Message PTP-5-PTP_DOMAIN_CHANGE: PTP domain changed to [dec]

Explanation PTP domain changed

Recommended Action No action is required.

Error Message PTP-5-PTP_ENABLED: PTP enabled

Explanation PTP Service Enabled

Recommended Action No action is required.

PTP-6

Error Message PTP-6-PTP_ANNOUNCE_INTERVAL_CHANGE: PTP announce interval for [hex] changed to [dec]

Explanation PTP announce interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_ANNOUNCE_TIMEOUT_CHANGE: PTP announce timeout interval for [hex] changed to [dec]

Explanation PTP announce timeout interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_DELAY_REQ_INTERVAL_CHANGE: PTP delay-req interval for [hex] changed to [dec]

Explanation PTP delay-req interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_PRIORITY1_CHANGE: PTP priority1 changed to [dec]

Explanation PTP priority1 changed

Recommended Action No action is required.

Error Message PTP-6-PTP_PRIORITY2_CHANGE: PTP priority2 changed to [dec]

Explanation PTP priority2 changed

Recommended Action No action is required.

Error Message PTP-6-PTP_SYNC_INTERVAL_CHANGE: PTP sync interval for [hex] changed to [dec]

Explanation PTP sync interval for [chars] changed

Recommended Action No action is required.

Error Message PTP-6-PTP_VLAN_CHANGE: PTP vlan for [hex] changed to [dec]

Explanation PTP vlan for [chars] changed

Recommended Action No action is required.

PULSE Messages

This section contains the PULSE messages.

PULSE-0

Error Message PULSE-0-EMERGENCY_MSG: [chars]

Explanation Pulse Emergency Message

Recommended Action Please file the bug for Pulse Library Component throCDETS'

PULSE-1

Error Message PULSE-1-ALERT_MSG: [chars]

Explanation Pulse Alert Message

Recommended Action Pulse Internal Operation Alert

PULSE-2

Error Message PULSE-2-CRITICAL_MSG: [chars]

Explanation Pulse Critical Message

Recommended Action No action is required.

PULSE-3

Error Message PULSE-3-ERROR_MSG: [chars]

Explanation Pulse Error Message

Recommended Action No action is required.

PULSE-4

Error Message PULSE-4-WARN_MSG: [chars]

Explanation Pulse Warning Message

Recommended Action No action is required.

PULSE-5

Error Message PULSE-5-NOTIF_MSG: [chars]

Explanation Pulse Notification Message

Recommended Action No action is required.

PULSE-6

Error Message PULSE-6-INFO_MSG: [chars]

Explanation Pulse Informational Message

Recommended Action No action is required.

PULSE-7

Error Message PULSE-7-DEBUG_MSG: [chars]

Explanation Pulse Debug Message

No action is required.

QD Messages

This section contains the QD messages.

QD-3

Error Message QD-3-QD_COSMAP_TMO: Cos map update for [chars] timed out

Explanation Cos map update timed out.

Recommended Action No action is required.

QOS Messages

This section contains the QOS messages.

QOS-2

Error Message QOS-2-EXITING: Exit reason: [chars]

Explanation The QOS Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message QOS-2-GENERAL_ERROR: [chars]

Explanation The QOS Manager has encountered an critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message QOS-2-INITFAIL: QoS Manager Initialization failed: [chars]

Explanation QoS Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

Error Message QOS-2-MALLOC_ERROR: Size [dec] bytes

Explanation The QOS Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message QOS-2-PSS_ERROR: [chars]: PSS returned value=[dec]

Explanation The QOS Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message QOS-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]

Explanation The QOS Manager has failed to rotate its current stdout file with filename [str.]. The file size could grow beyond its maximum limit.

Recommended Action No action is required.

QOS-3

Error Message QOS-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation QoS Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-DBERROR: [chars]

Explanation QoS Manager encountered a database error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-E_PORT_ACL_FAILURE: Failed to [chars] QoS ACL for interface [chars] (ACL return code=[hex])

Explanation The QoS Manager has failed to program or erase QoS related ACL when an E-Port came up or went down for interface [str.]. The error code returned by ACL module is [int.].

Recommended Action No action is required.

Error Message QOS-3-FAILURE_RESPONSE: [chars] [hex]

Explanation QoS Manager failed to get response [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-GENERROR: [chars]

Explanation QoS Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message QOS-3-LICERR: [chars]

Explanation QoS Manager failed to get license.

Recommended Action No action is required.

Error Message QOS-3-MTSError: [chars]

Explanation QoS Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message QOS-3-PSSERROR: [chars]

Explanation QoS Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-QOS_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The QoS Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

Error Message QOS-3-TIMEOUT_ERROR: [chars] [hex]

Explanation QoS Manager encountered a timeout [chars][hex] specify the context where the failure occurred.

Recommended Action No action is required.

Error Message QOS-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec]

Explanation The QoS Manager has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

QOS-4

Error Message QOS-4-LICEXP: [chars]

Explanation QoS Manager license is going to expire. [chars] gives the expected time of expiry.

Recommended Action No action is required.

Error Message QOS-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the QoS Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

QOS-6

Error Message QOS-6-BECAME_ACTIVE: Became ACTIVE from standby mode.

Explanation The QOS Manager on the standby supervisor became active and it is ready to serve client requests.

Recommended Action No action is required.

Error Message QOS-6-BECAME_STDBY: Became STANDBY from active mode.

Explanation The QOS Manager became standby from active mode.

Recommended Action No action is required.

Error Message QOS-6-DISABLED_UP_MARKING: [chars]

Explanation The QoS Manager has disabled marking of time-critical control traffic as high-priority traffic. Priority of such traffic is now not altered by QoS Manager.

Recommended Action No action is required.

Error Message QOS-6-ENABLED_UP_MARKING: [chars]

Explanation The QoS Manager has enabled marking of time-critical control traffic as high-priority traffic.

Recommended Action No action is required.

Error Message QOS-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message QOS-6-E_PORT_ACL_SUCCESS: Successfully [chars] QOS ACL for interface [chars]

Explanation The QOS Manager has successfully programmed or erased QoS related ACL when an E-Port came up or went down for interface [str.].

Recommended Action No action is required.

Error Message QOS-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The QOS Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message QOS-6-GENERAL_EVENT: [chars]

Explanation The QOS Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message QOS-6-MGRCREATED: QoS Manager created

Explanation QoS Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message QOS-6-MGREXIT: QoS Manager shutting down gracefully

Explanation QoS Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message QOS-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of QoS Manager has been recreated.

Recommended Action No action is required.

Error Message QOS-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of QoS Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message QOS-6-SERVICE_UP: Initialized [chars]

Explanation The QOS Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message QOS-6-SWITCHOVER: Switching Over to other Supervisor.

Explanation The QOS Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message QOS-6-UNKNOWNMETS: QoS Manager received an unexpected message

Explanation QoS Manager received an unexpected message.

Recommended Action No action is required.

QUACK_SMC Messages

This section contains the QUACK_SMC messages.

QUACK_SMC-6

Error Message Error Message QUACK_SMC-6-QUACK_LIB_DEBUG_MSG: [chars]

Explanation Explanation Debug log message

Recommended Action Recommended Action No action is required.

R2D2_USD Messages

This section contains the R2D2_USD messages.

R2D2_USD-2

Error Message R2D2_USD-2-R2D2_SYSLOG_CRIT: [chars] :[dec], [chars]

Explanation R2D2 instance not ok to use

Recommended Action Collect more information about R2D2 Reloading the module will recover.

R2D2_USD-6

Error Message R2D2_USD-6-R2D2_SYSLOG_INFO: [chars]

Explanation R2D2 log message

Recommended Action No action is required.

RADIUS Messages

This section contains the RADIUS messages.

RADIUS-2

Error Message RADIUS-2-RADIUS_NO_AUTHEN_INFO: ASCII authentication not supported

Explanation ASCII authentication not supported.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RADIUS-2-RADIUS_PROGRAM_EXIT: RADIUS daemon exiting: [chars]

Explanation RADIUS daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RADIUS-3

Error Message RADIUS-3-RADIUS_ERROR_MESSAGE: [chars]

Explanation RADIUS Error Message

Recommended Action No action is required.

RADIUS-4

Error Message RADIUS-4-RADIUS_WARNING: [chars]

Explanation RADIUS Warning

Recommended Action No action is required.

RADIUS-5

Error Message RADIUS-5-RADIUS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Radius server monitor status change

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_NOTIFICATION: [chars]

Explanation RADIUS Notification

Recommended Action No action is required.

Error Message RADIUS-5-RADIUS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Radius server status change

Recommended Action No action is required.

RADIUS-6

Error Message RADIUS-6-RADIUS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message RADIUS-6-RADIUS_MESSAGE: [chars]

Explanation RADIUS Message

Recommended Action No action is required.

RDL Messages

This section contains the RDL messages.

RDL-2

Error Message RDL-2-PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec]

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RDL-3

Error Message RDL-3-SYSLOG_ALLOC_FAIL: : [chars]

Explanation RDL memory allocation failed : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_CONTEXT_ERR: : [chars] [dec]

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_ERR: : [chars]

Explanation RDL syslog errors : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_EXIT: : [chars]

Explanation RDL exiting on errors : [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_INIT_FAIL: : [chars] [chars]

Explanation RDL Initialization Failed: [chars] [chars].

Recommended Action No action is required.

Error Message RDL-3-SYSLOG_MTS_ERR: : [chars]

Explanation RDL MTS errors : [chars].

Recommended Action No action is required.

RDL-6

Error Message RDL-6-INFORMATION: [chars]

Explanation An event happend that affects RDL. [chars] indicates the event

Recommended Action No action is required.

Error Message RDL-6-PSS_ERR: [chars]

Explanation An error occurred during an RDL PSS operation. [chars] indicates the PSS operation that caused the error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RDL-6-SYSLOG_DEBUG_1: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

Error Message RDL-6-SYSLOG_DEBUG_2: : [chars] [hex]

Explanation RDL Debug logs: [chars] [dec].

Recommended Action No action is required.

Error Message RDL-6-SYSLOG_INFO: : [chars]

Explanation RDL Debug logs: [chars].

Recommended Action No action is required.

Error Message RDL-6-SYSLOG_RESP_RCVD: : [chars] [dec]

Explanation RDL context error: [chars] [dec].

Recommended Action No action is required.

RES_MGR Messages

This section contains the RES_MGR messages.

RES_MGR-1

Error Message RES_MGR-1-RES_MGR_HA_ERR: HA sync message received for resource [dec] which does not exist

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

RES_MGR-2

Error Message RES_MGR-2-RES_MGR_CONFLICTING_RESOURCE_KEYS: The [chars] resource key [dec] from node [dec] is conflicting with other nodes.

Explanation The user should try and release the conflicting resource.

Recommended Action No action is required.

Error Message RES_MGR-2-RES_MGR_CRIT: RES_MGR Critical: [chars]

Explanation RES_MGR generic critical condition

Recommended Action No action is required.

Error Message RES_MGR-2-RES_MGR_HA_PSS_ERR: HA sync message received for resource [dec] with wrong pss type [dec]

Explanation RES_MGR Received HA msg for resource which does not exist Please check standby status and restart standby to recover

Recommended Action No action is required.

RES_MGR-3

Error Message RES_MGR-3-RES_MGR_RES_ALREADY_EXCEEDED: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec])

Explanation A limit-resource command was issued such that a VDC would be a forbidden state if we obeyed, having already allocated more resources than the new maximum limit

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_MAX_LOWER_THAN_MIN: The maximum limit for [chars] resources is not allowed to be less than the minimum limit

Explanation A limit-resource command was issued such that the desired maximum limit was lower than the desired minimum limit

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_TOO_HIGH: Limits for [chars] resources are not allowed to be set as high

Explanation A limit-resource command was issued such that a desired limit couldntbesatisfiedbecauseofstaticpolicies'

Recommended Action No action is required.

Error Message RES_MGR-3-RES_MGR_RES_UNAVAIL: Missing [dec] [chars] resources currently available to satisfy the minimum limit requested for vdc [dec]

Explanation A limit-resource command was issued such that the desired minimum limit couldntbesatisfiedwiththecurrentlyavailableresources'

Recommended Action No action is required.

RES_MGR-4

Error Message RES_MGR-4-RES_MGR_MAX_ALLOWED_VDCS_HAS_DECREASED: The maximum number of allowed VDCs has decreased from [dec] to [dec] since binary config was saved.

Explanation When startup config was saved, more VDCs were allowed in the system.

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_RES_ALREADY_EXCEEDED_BUT_NOT_ENFORCED: The VDC [dec] is currently already using more [chars] resources (total: [dec]) than the desired new maximum limit ([dec]) You may experience some route loss upon switchover, when the new limits will actually take effect.

Explanation A limit-resource command was issued such that a VDC may not have enough memory for holding the current amount of routing entries when the new limits will be enforced upon switchover

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_SC_PSS_PCW_NETADMIN: Performing partial config write for resource [chars] in vdc [dec]

Explanation A copy running-config startup-config command was issued from a local admin resource limits for the specified resource in the specified vdc had to be saved as a side-effect of it

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_SC_PSS_PCW: Performing partial config write for resource [chars]

Explanation A copy running-config startup-config command was issued from another VDC resource limits for the specified resource had to be saved as part of it

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_UNEXPECTED_MSG_LEN: The size of this message was expected to be [dec] ([dec] keys of [dec] size with a [dec] bytes header) and instead was [dec].

Explanation A message of unexpected length was received.

Recommended Action No action is required.

Error Message RES_MGR-4-RES_MGR_VLAN_RESERVED_RANGE_UNAVAILABLE: System is running with limited functionality due to restricted reserved vlan range 3968-4047 should be 3968-4096.

Explanation User should delete VLANS in range 4048-4093 and use following command: system vlan 3968 reserve

Recommended Action No action is required.

RES_MGR-5

Error Message RES_MGR-5-RES_MGR_DISABLED: RES_MGR Disabled

Explanation RES_MGR Service Disabled

Recommended Action No action is required.

Error Message RES_MGR-5-RES_MGR_ENABLED: RES_MGR Enabled

Explanation RES_MGR Service Enabled

Recommended Action No action is required.

RES_MGR-6

Error Message RES_MGR-6-RES_MGR_CONDITION_VERIFIED: error [hex] [[chars]] during sysmgrcb_vdc_handshake_done() for vdc [dec]

Explanation RES_MGR is spotting some issue when VDC got created

Recommended Action No action is required.

RIB Messages

This section contains the RIB messages.

RIB-0

Error Message RIB-0-EMERG: [chars]

Explanation Rib caused a system failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-1

Error Message RIB-1-ALERT: [chars]

Explanation Rib caused failures in other services

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-1-LCM_FIB_ERR: RIB failed LC insertion

Explanation RIB stopped linecard from coming online due to error received from FIB during merge operation

Recommended Action Check RIB error logs to see error received from FIB

RIB-2

Error Message RIB-2-CRIT: [chars]

Explanation Rib encountered a catastrophic error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-3

Error Message RIB-3-ERR: [chars]

Explanation Rib encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-FIB_EXIT: fib exited

Explanation Fib had exited and may not continue operation

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-MISS_APPS: Missing response from service

Explanation Service not responding to rib

Recommended Action Please perform 'debug rib error', then recreate the operation scenario, to find out more details.'

Error Message RIB-3-NO_MEM: Out of memory

Explanation Rib does not have enough memory to continue proper operation.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_FIB: Cannot talk to fib

Explanation Rib to fib IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_SNMP: Cannot respond to snmp

Explanation Rib to snmp IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message RIB-3-SEND_STANDBY: Cannot talk to standby rib

Explanation Lost a rib-fib transaction log due to IPC failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

RIB-4

Error Message RIB-4-CPU_HOG: Inactive or busy

Explanation Either rib was not scheduled to run, or rib was busy, and rib did not service the message or timer queue for an extended period.

Recommended Action Please perform 'debugriberror', then recreate the operations scenario, to find out more details.'

Error Message RIB-4-DUP_FIB: Duplicate response from fib

Explanation Rib ignored duplicate response from fib

Recommended Action Please perform 'debugriberror', then recreate the operations scenario, to find out more details.'

Error Message RIB-4-LATE_FIB: Late response from fib

Explanation Rib ignored late response from fib

Recommended Action Please perform 'debugriberror', then recreate the operations scenario, to find out more details.'

Error Message RIB-4-PC_LIMIT: PC number greater than 128 (ignored by RIB)

Explanation Rib ignored pc

Recommended Action Please use PC number < 128

Error Message RIB-4-WARN: [chars]

Explanation Rib ignored the unexpected condition

Recommended Action Please perform 'debugriball', then recreate the operations scenario, to find out more details.'

RIB-5

Error Message RIB-5-NOTE: [chars]

Explanation Rib does not support this operation

Recommended Action Please perform 'debugriball', then recreate the operations scenario, to find out more details.'

RIB-6

Error Message RIB-6-INFO: [chars]

Explanation Rib event occurred

Recommended Action No action is required.

RLIR Messages

This section contains the RLIR messages.

RLIR-2

Error Message RLIR-2-DRLIR_REJECT: DRLIR rejected: [chars]: fcid [chars], reason code [dec]

Explanation DRLIR rejected: [chars] fcid [chars] reason code [dec]

Recommended Action No action is required.

Error Message RLIR-2-FC2_FAILED: RLIR FC2 operation failed: [chars]: [chars]

Explanation RLIR FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RLIR-2-INIT_FAILED: RLIR Init failed: [chars]

Explanation RLIR Init failed: [chars]

Recommended Action No action is required.

Error Message RLIR-2-LINK_INCIDENT: Interface [chars] [Port [hex]], Link Status: [chars], Link Status Reason: [chars]

Explanation RLIR module detected an unintentional Link Incident

Recommended Action No action is required.

Error Message RLIR-2-MALLOC_FAILED: RLIR Malloc failed: [chars]

Explanation RLIR Malloc failed: [chars]

Recommended Action No action is required.

Error Message RLIR-2-MTS_FAILED: RLIR MTS operation failed: [chars]: [chars]

Explanation RLIR MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RLIR-2-PSS_FAILED: RLIR PSS operation failed: [chars]: [chars]

Explanation RLIR PSS operation failed: [chars] [chars]

Recommended Action No action is required.

RLIR-6

Error Message RLIR-6-SYSLOG_INFO: RLIR Syslog info: [chars]

Explanation RLIR Syslog info: [chars]

Recommended Action No action is required.

Error Message RLIR-6-SYSLOG_STATUS: RLIR Syslog status: [chars]: [chars]

Explanation RLIR Syslog status: [chars] [chars]

Recommended Action No action is required.

RM Messages

This section contains the RM messages.

RM-6

Error Message RM-6-RMGR_INFO: [chars]

Explanation RMGR daemon informational message

Recommended Action No action is required.

Error Message RM-6-STARTING: daemon started

Explanation The RMGR daemon successfully started

Recommended Action No action is required.

RM-SLOT#-2

Error Message RM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error. Service Module will be reloaded

Explanation Component caused critical error

Recommended Action Restart the linecard

Error Message RM-SLOT#-2-RM_CPP_RELOAD_TMOUT: ERROR: Component ([chars]) timed out for critical error response. Service Module will be reloaded

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_CRITICAL_ALERT: [chars]

Explanation Critical Alert

Recommended Action Restart the linecard

Error Message RM-SLOT#-2-RM_PROCESS_FAILED: ERROR: [chars] failed

Explanation Process failed

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_PROCESS_TMOUT: ERROR: [chars] did not complete. Reloading Service Module

Explanation Component critical error timeout

Recommended Action No action is required.

Error Message RM-SLOT#-2-RM_VICPP_RECREATE_ERROR: All the fast path resources are down VICPP connectivity lost

Explanation Component caused critical error

Recommended Action Restart the linecard

RM-SLOT#-4

Error Message RM-SLOT#-4-RM_WARNING: [chars]

Explanation Warning

Recommended Action No action is required.

RSCN Messages

This section contains the RSCN messages.

RSCN-2

Error Message RSCN-2-FC2_FAILED: RSCN FC2 operation failed: [chars]: [chars]

Explanation RSCN FC2 operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RSCN-2-INIT_FAILED: RSCN Init failed: [chars]

Explanation RSCN Init failed: [chars]

Recommended Action No action is required.

Error Message RSCN-2-MALLOC_FAILED: RSCN Malloc failed: [chars]

Explanation RSCN Malloc failed: [chars]

Recommended Action No action is required.

Error Message RSCN-2-MTS_FAILED: RSCN MTS operation failed: [chars]: [chars]

Explanation RSCN MTS operation failed: [chars] [chars]

Recommended Action No action is required.

Error Message RSCN-2-SCR_REJECT: SCR rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation SCR rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-3

Error Message RSCN-3-PSS_FAILED: RSCN PSS operation failed: [chars]: [chars]

Explanation RSCN PSS operation failed: [chars] [chars]

Recommended Action No action is required.

RSCN-4

Error Message RSCN-4-RSCN_REJECT: RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

Error Message RSCN-4-SWRSCN_REJECT: SW-RSCN rejected: [chars]: fcid [chars], Reason code-[chars], Reason code expl-[chars]

Explanation SW-RSCN rejected: [chars] fcid [chars] Reason code [chars] Reason code expl [chars]

Recommended Action No action is required.

RSCN-6

Error Message RSCN-6-SYSLOG_INFO: RSCN Syslog info: [chars]

Explanation RSCN Syslog info: [chars]

Recommended Action No action is required.

Error Message RSCN-6-SYSLOG_STATUS: RSCN Syslog status: [chars]: [chars]

Explanation RSCN Syslog status: [chars] [chars]

Recommended Action No action is required.

Recommended Action

SABRE_APP Messages

This section contains the SABRE_APP messages.

SABRE_APP-SLOT#-2

Error Message SABRE_APP-SLOT#-2-SABRE_APP_EXITED: Sabre driver application exited (syserr = [dec], errno = [dec])

Explanation Sabre driver application exited

Recommended Action No action is required.

SAC_USD Messages

This section contains the SAC_USD messages.

SAC_USD-2

Error Message SAC_USD-2-JTAG_CHECK_FAILED: Xbar Driver JTAG ID check failed for slot:[dec] asic:[dec]

Explanation Xbar Driver JTAG ID check failed

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_ACCESS_FAILED: Xbar Driver Failed to access reg for [chars]

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Explanation Xbar Driver catastrophic error

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR_OCCURED: Xbar ASIC interrupt occurred: [chars]

Explanation Interrupt occurred

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR_THRESHLTD: Xbar ASIC interrupt threshold reached: [chars]

Explanation Interrupt threshold reached

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_INTR: Xbar ASIC interrupt occurred: [chars]

Explanation Interrupt occurred on the xbar

Recommended Action No action is required.

Error Message SAC_USD-2-SAC_MALLOC_FAILED: Xbar Driver memory allocation failed

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message SAC_USD-2-SHUTDOWN: Xbar Driver software process exiting: [chars]

Explanation Xbar Driver shutting down

Recommended Action No action is required.

Error Message SAC_USD-2-SYNC_FAILED: Xbar Driver sync failed: [chars]

Explanation Xbar Driver Sync failed for the xbar channel

Recommended Action No action is required.

SAC_USD-3

Error Message SAC_USD-3-EN_DATA_FAILED: Xbar Driver enable data failed for slot:[dec] asic:[dec] channel:[hex]

Explanation Xbar Driver Enable Datapath failed for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-3-FPOE_DB_ECC: Xbar Driver FPOE DB ECC error in [chars]

Explanation FPOE DB ECC error

Recommended Action No action is required.

SAC_USD-5

Error Message SAC_USD-5-STARTING: Xbar Driver process starting

Explanation Xbar Driver process is being started

Recommended Action No action is required.

Error Message SAC_USD-5-XBAR_FLOW_CTRL_DIS_EN: XBAR Multicast Flow Control [chars]

Explanation Sacramento xbar multicast flow control on Stage3 ports

Recommended Action No action is required.

SAC_USD-6

Error Message SAC_USD-6-DIS_DATA: Xbar Driver disable datapath done for slot:[dec]
asic:[dec] channel:[hex]

Explanation Disabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-6-EN_DATA: Xbar Driver enable datapath done for slot:[dec]
asic:[dec] channel:[hex]

Explanation Enabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message SAC_USD-6-SAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message SAC_USD-6-SPINE_HW_INIT: Xbar Driver HW initialization has been done
for Fabric-Slot:[dec] Asic:[dec]

Explanation Xbar Driver HW initialization has been called[dec]

Recommended Action No action is required.

Error Message SAC_USD-6-SYNC_DONE: Xbar Driver sync done for slot:[dec] asic:[dec] channel:[hex]

Explanation Sync Completed successfully for the xbar channel

Recommended Action No action is required.

SAL Messages

This section contains the SAL messages.

SAL-5

Error Message SAL-5-SAL_DISABLED: SAL Disabled

Explanation SAL Service Disabled

Recommended Action No action is required.

Error Message SAL-5-SAL_ENABLED: SAL Enabled

Explanation SAL Service nabled

Recommended Action No action is required.

SANTAP Messages

This section contains the SANTAP messages.

SANTAP-SLOT#-2

Error Message SANTAP-SLOT#-2-AVT_CREATE_FAILED: AVT PWWN: [chars], NWWN: [chars], Vsan: [dec], Host: [chars], Tgt: [chars], TgtVsan: [dec], RC: [chars]

Explanation AVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-AVT_SCSI_FAILED: AVT PWWN: [chars], Host: [chars], AVT Lun: 0x%Ld AVTVsan: [dec], OPC: [hex] RC: [chars]

Explanation SCSI command to AVT is invalid Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-COMMIT_FAILED: Commit Failed, status: [dec] token = [dec], vtUid = 0x%Lx, lunId = 0x%Lx

Explanation ISAPI Commit Failed, number of ITLs exceeded limit for the DPP

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-CVT_CREATE_FAILED: CVT PWWN: [chars], NWWN: [chars], Vsan: [dec], RC: [chars]

Explanation CVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_CREATE_FAILED: DVT PWWN: [chars], FEVsan: [dec], BEVsan: [dec], io_tmo: [dec], app_io_tmo: [dec], RC: [chars]

Explanation DVT create failed because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_DELETE_FAILED: DVT PWWN: [chars], RC: [chars]

Explanation DVT delete failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-DVT_LUN_CREATE_FAILED: DVT: [chars], Host: [chars], DVTLun: 0x%LX, TGTLun: 0x%LX, HIIndex: [dec], Expected HIIndex: [dec], RC: [chars]

Explanation DVT LUN create failed because of sanity checks. Please check reason code for exact failure

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-FIT_EXISTS_ON_DIFFERENT_DPP_ERR: CONFIG Error: Cannot Create FIT on DPP [dec] for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Same Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] is logged in to another DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] on a different DPP [dec]

Explanation Same HOST cannot log into two DVTs which are on different DPPs

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-FIT_EXISTS_ON_DIFFERENT_PORT_ERR: CONFIG Error: Cannot Create FIT on Ifindex [hex]. Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] logged in to DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] on a different ifindex [hex]

Explanation Same HOST cannot log into two DVTs which are on different ports

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-HOST_PWWN_EXISTS_IN_BE_VSAN: WARNING:: Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] Exists in BackEnd Vsan [dec], cannot create FIT for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation FIT cannot be created, as Host exists in the Backend Vsan.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-INTERNAL_ERR: [chars]

Explanation Santap Internal Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ISAPI_CRIT_PROCESS_CRASH: [chars]. [chars]. SANTAP VM Size: [dec]kB

Explanation ISAPI critical error - process crash.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_AVT_REC: AVT PWWN: [chars], NWWN: [chars], Vsan: [dec], Host: [chars], Tgt: [chars], TgtVsan: [dec], RC: [chars]

Explanation AVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_CVT_REC: CVT PWWN: [chars], NWWN: [chars], Vsan: [dec], RC: [chars]

Explanation CVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-PSS_DELETE_DVT_REC: DVT PWWN: [chars], FEvsan: [dec], BEVsan: [dec], io_tmo: [dec], app_io_tmo: [dec], RC: [chars]

Explanation DVT PSS record is deleted because sanity check failed. Please check reason code for exact failure.

Recommended Action No action is required.

Error Message

SANTAP-SLOT#-2-SANTAP_UNPROVISIONING_NOT_SUPPORTED_DURING_PSS_RECOVERY: Santap can not be unprovisioned during pss recovery. Please wait for Santap to recover and retry.

Explanation Santap can not be unprovisioned during pss recovery. Please wait for Santap to recover and retry.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-SANTAP_VERSION_NOT_SUPPORTED: Santap feature is not supported in this version of NX-OS. Please refer to NX-OS release notes for more detail.

Explanation Santap feature is not supported in this version of NX-OS. Please refer to NX-OS release notes for more detail.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_AVT_DELETED: Santap: AVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (avt vsan [dec]) deleted

Explanation Santap AVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_AVT_LUN_DELETED: Santap: AVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (avt lun 0x%Lx) deleted

Explanation Santap avtlun is deleted as part of Unprovisioning or VSAN Delete or CLI

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_CVT_DELETED: Santap: CVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (cvt vsan [dec], name [chars]) deleted

Explanation Santap CVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_DVT_DELETED: Santap: DVT
[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (FE vsan [dec], BE vsan [dec])
deleted

Explanation Santap DVT is deleted as part of Unprovisioning or VSAN Delete

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_AVT_REC: PSS Error: Deleting
duplicate AVT %Lx PSS record

Explanation Duplicate AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_CVT_IN_VSAN: PSS Error: VSAN:
[dec] already has CVT %Lx. Deleting CVT %Lx PSS record

Explanation Multiple CVT in VSAN Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_DUPLICATE_DVT_REC: PSS Error: Deleting
duplicate DVT %Lx PSS record

Explanation Duplicate DVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_DVT_AVT_ERR: DVT %Lx does not exist for
AVT

Explanation No DVT for AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_HIFIT_AVT_ERR: HI %Lx does not exist for
AVT %Lx

Explanation No HI for AVT Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_AVT: PSS Error: VSAN: [dec]
deleted. Deleting AVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_CVT: PSS Error: VSAN: [dec] deleted. Deleting CVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_GLOBAL_NO_VSAN_DEL_DVT: PSS Error: VSAN: [dec] deleted. Deleting DVT %Lx PSS record

Explanation VSAN Deleted Error

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_HOST_PURGED_FROM_DVT: Santap: Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] removed from DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] (FE vsan [dec], BE vsan [dec]).

Explanation Santap Host Initiator is removed from DVT

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_32BIT_LUNS_PER_HOST_REACHED: MAX_32bit_LUNS_PER_HOST([dec]) limit reached for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per Host. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_DVT_LUNS_PER_LC_REACHED: MAX_DVT_LUNS_PER_LC([dec]) limit reached. Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per LC. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_HOSTS_PER_DVT_REACHED: MAX_HOST_PER_DVT([dec]) limit reached for DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Reject Plogi/Prli from Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation System limit reached for the number of Hosts logging into DVT. More Hosts cannot be configured at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_ITLS_PER_DPP_REACHED: MAX_LUNS_PER_DPP([dec]) limit reached on DPP [dec] for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of ITLs per DPP. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_LUNS_PER_DVT_REACHED: MAX_LUNS_PER_DVT([dec]) limit reached for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per DVT. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_MAX_LUNS_PER_HOST_REACHED: MAX_LUNS_PER_HOST([dec]) limit reached for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx

Explanation System limit reached for the number of Luns per Host. More Luns cannot be added at this point.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_REPORT_LUNS_FAILED_ZONE_MISCONFIG: ZONE MISCONFIG: Report Luns Failed for Host: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Tgt: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], dd-sts [hex], scsi-sts [hex], isapi-sts [hex]

Explanation Report Luns Failed for the specified Host, Tgt pair due to missing zone. Please check the zone configuration.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_REPORT_LUNS_FAILED: Report Luns Failed for Host: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Tgt: [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], dd-sts [hex], scsi-sts [hex], isapi-sts [hex]

Explanation Report Luns Failed for the specified Host, Tgt pair. Please check the configuration.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-2-ST_SES_DELETED: Santap: Ses [dec] deleted

Explanation Santap ses is deleted as part of Unprovisioning or VSAN Delete or CLI

Recommended Action No action is required.

SANTAP-SLOT#-4

Error Message SANTAP-SLOT#-4-INTERNAL_WARNING: [chars]

Explanation Santap Internal Warning

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_16_BIT_LUNS_PRESENT: 16 Bit luns installed (current num luns [dec]) for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx !!

Explanation Cannot Install 16bit and 32 bit luns for the same Host-Tgt pair

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_32_BIT_LUNS_PRESENT: 32 Bit luns installed (current num luns [dec]) for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Cannot Install Lun 0x%Lx !!

Explanation Cannot Install 16bit and 32 bit luns for the same Host-Tgt pair

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_BLK_SIZE_GREATER_THAN_FIVE_TWELVE: Lun Block Size 0x%Lx detected is greater than 512 for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support Luns with Blk Size greater than 512

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_DEVICE_TYPE_NOT_SUPPORTED: Lun Device Type [dec] detected is not supported for Host
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support devices other than DASD and ArrCntl

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_LUN_SIZE_GREATER_THAN_2_POW_48: Lun Size 0x%Lx detected is greater than 2 power 48 for Host
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], Lun 0x%Lx. Cannot Install this Lun.

Explanation Santap doesnt support Luns greater than 2 power 48

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_MISSING_LUN_IN_TARGET_AVT_LUN_EXISTS: Warning: Lun 0x%Lx deleted on Target but AVT LUN 0x%Lx exists for Host
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], AVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Please remove relevant avtluns, as Lun no longer exists on Target

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_MISSING_LUN_IN_TARGET_SES_EXISTS: Warning: Lun 0x%Lx deleted on Target but Session [dec] exists for Host
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation Please remove relevant sessions, as Lun no longer exists on Target

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_NEAR_MAX_HOSTS_PER_DVT: Warning: Approaching MAX_HOSTS_PER_DVT([dec]) for DVT
 [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Existing num hosts [dec]

Explanation Please be wary of the number of hosts logging in.

Recommended Action No action is required.

Error Message SANTAP-SLOT#-4-ST_NEAR_MAX_LUNS_PER_HOST: Warning: Approaching MAX_LUNS_PER_HOST([dec]) limit for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex], DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]. Existing num luns [dec]

Explanation Please be wary of the number of luns configured for this host.

Recommended Action No action is required.

SANTAP-SLOT#-5

Error Message SANTAP-SLOT#-5-SANTAP_INFO: [chars]

Explanation SANTAP notification.

Recommended Action No action is required.

SANTAP-SLOT#-6

Error Message SANTAP-SLOT#-6-FIT_CREATE_ERROR_TARGET_OFFLINE: Target Offline, Cannot Create FIT in vsan [dec] for Host [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex] and DVT [hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]:[hex]

Explanation FIT Cannot be created as the target is offline

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_COUNTER_RESET: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has reset avt lun mask pacing counter

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_DISABLED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has disabled avt lun mask pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_ENABLED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] current thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has enabled avt lun mask pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_EXCL_MASK_IN_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified excl mask in threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_MASK_ALL_OUT_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified mask all out threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_MASK_PACING_MASK_OUT_PARAM_MODIFIED: Current outstanding MO [dec] EMI [dec] MAO [dec] reset counter [dec] pacing? [dec] new thresholds MO [dec] EMI [dec] MAO [dec]

Explanation User has modified mask out threshold

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_RECOVER_VSAN_DATABASE: Attempting VSAN database resync

Explanation Santap force recovery of vsans has been attempted by user. This will attempt to bring back santap vsan database in sync with the switch

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_RESYNC_VTS_IN_VSAN: ReSync Vsan [dec], changing state from [chars] to [chars]. All the VTs in this vsan will be resynced

Explanation Santap force recovery of vsans has been attempted by user. This will attempt to bring back santap vt in sync with ISAPI

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_COUNTER_RESET: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has reset scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_DISABLED: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has disabled scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_ENABLED: Current outstanding scp [dec] reset counter [dec] threshold [dec]

Explanation User has enabled scp pacing

Recommended Action No action is required.

Error Message SANTAP-SLOT#-6-ST_SCP_PACING_PARAM_MODIFIED: Current outstanding scp [dec] reset counter [dec] pacing enabled? [dec], new threshold [dec]

Explanation User has modified the scp pacing threshold

Recommended Action No action is required.

SAN_EXT_TUNER Messages

This section contains the SAN_EXT_TUNER messages.

SAN_EXT_TUNER-3

Error Message SAN_EXT_TUNER-3-SAN_EXT_TUNER_LICENSE_EXPIRED: SAN Extension Licence expired - Disabling SAN Extension Tuner

Explanation SAN Extension Licence expired/not present - Disabling SAN Extension Tuner

Recommended Action No action is required.

SCHEDULER Messages

This section contains the SCHEDULER messages.

SCHEDULER-2

Error Message SCHEDULER-2-SCH_SYSLOG_MALLOC_ERR: Out of memory: [chars]

Explanation Process memory exhausted. Possible memory leak.

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_MTS_ERR: MTS error: [chars]

Explanation MTS operation failure

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars]
Destination URI:[chars] errcode:[dec]

Explanation Error while performing snapshot I/O to PSS

Recommended Action Contact TAC

Error Message SCHEDULER-2-SCH_SYSLOG_SDWRAP_ERR: Debug infrastructure
initialization failed: [chars]

Explanation Debug infrastructure failed to initialize

Recommended Action Contact TAC

SCHEDULER-3

Error Message SCHEDULER-3-SCH_ERR: [chars]

Explanation Scheduler error

Recommended Action No action is required.

Error Message SCHEDULER-3-SCH_SYSLOG_FILE_ERR: [chars] Error:[chars]

Explanation File handling error

Recommended Action No action is required.

Error Message SCHEDULER-3-SCH_SYSLOG_PSS_ERR: Purpose: [chars] URI: [chars]
Error: [dec]

Explanation Error while performing I/O to PSS

Recommended Action Contact TAC

Error Message SCHEDULER-3-SCH_SYSLOG_USER_ERR: Description: Failed to execute job for user id [chars] Error: [dec]

Explanation Error while attempting to execute job for user. Possibly, the user is removed from the system.

Recommended Action Ensure the user exists. Make sure he is not a remotely authenticated user.

SCHEDULER-4

Error Message SCHEDULER-4-SCH_WARN: [chars]

Explanation Scheduler warning

Recommended Action No action is required.

SCHEDULER-6

Error Message SCHEDULER-6-SCH_MSG: [chars]

Explanation Scheduler Message

Recommended Action No action is required.

SCM Messages

SCM-2

Error Message SCM-2-SCMLCINSERTFAIL: [chars]

Explanation SCSI-TARGET

Recommended Action NONE

SCSI-TARGET Messages

This section contains the SCSI-TARGET messages.

SCSI-TARGET-2

Error Message SCSI-TARGET-2-PROC_OPEN_VHBA_DEVICE_FAIL: Failed to communicate with SCSI-target driver error: [hex]

Explanation SCSI-target process failed to communicate with itspeerkerneldriver[hex].NoSCSIdiscoverycanbeperformed.'

Recommended Action Collect more information using command showscsi-targetinternaldriver.'

Error Message SCSI-TARGET-2-PROC_SET_SCSI_INDEX_FAIL: Failed to set SCSI index SCSI-target driver error: [hex]

Explanation SCSI-target process failed to set SCSI index with itspeerkerneldriver[hex].NoSCSIdiscoverycanbeperformed.'

Recommended Action Collect more information using command showscsi-targetinternaldriver.'

Error Message SCSI-TARGET-2-PROC_WWNM_GET_WWN_FAIL: Failed to get local controller pwwn from WWN Manager error: [hex] response: [hex]

Explanation SCSI-target process used wwnm_bwt_get_local_controller_wwn() api for the port wwn and it failed due to error [hex], response code [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using commands showprocesscpu'and'showsysteminternalsysmgrserviceall'.SeeWWNManagersystemerrorcodesforreason.'

Error Message SCSI-TARGET-2-PSS_INIT_FAIL: pss initialization failed due to error: [hex]

Explanation SCSI-target process pss initialization failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

SCSI-TARGET-3

Error Message SCSI-TARGET-3-PROC_VSAN_GET_RATIOV_FAIL: Failed to get vsan attribute RATIOV from VSAN Manager, error: [hex]

Explanation SCSI-target process used the vsan_get_global_value() api for RATIOV and it failed due to error [hex].

Recommended Action This is a non-fatal error. The default value for RATIOV is used. Collect more information using commands showprocesscpu'and'showsysteminternalsysmgrserviceall'.SeeVsanManagersystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_CREATE_FAIL: pss create runtime database failed due to error: [hex]

Explanation SCSI-target process pss create runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_DELETE_FAIL: pss delete runtime entry key:[hex] failed due to error: [hex]

Explanation SCSI-target process pss delete runtime entry key [hex] failure due to error [hex].

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_MAX_KEY_FAIL: pss set runtime max key failed due to error: [hex]

Explanation SCSI-target process pss set runtime max key failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_MAX_VALUE_FAIL: pss set runtime max value failed due to error: [hex]

Explanation SCSI-target process pss set runtime max value failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_OPEN_FAIL: pss open runtime database failed due to error: [hex]

Explanation SCSI-target process pss open runtime database failure due to error [hex]. No SCSI discovery can be performed.

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_RELOAD_FAIL: pss reload runtime database failed due to error: [hex]

Explanation SCSI-target process pss reload runtime database failure due to error [hex].

Recommended Action Collect more information using command showflash'.Seepssystemerrorcodesforreason.'

Error Message SCSI-TARGET-3-PSS_SNAPSHOT_DEBUG_FAIL: pss snapshot runtime debug to uri:[chars] failed due to error: [hex]

Explanation SCSI-target process pss snapshot of runtime debug to uri [string] failed due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

Error Message SCSI-TARGET-3-PSS_SNAPSHOT_FAIL: pss snapshot runtime to uri:[chars] failed due to error: [hex]

Explanation SCSI-target process pss snapshot of runtime to uri [string] failed due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

Error Message SCSI-TARGET-3-PSS_STORE_FAIL: pss store runtime entry key:[hex] val:[hex] failed due to error: [hex]

Explanation SCSI-target process pss store runtime entry key [hex] value [hex] failure due to error [hex].

Recommended Action Collect more information using command showflash'.See pss system error codes for reason.'

SCSI-TARGET-7

Error Message SCSI-TARGET-7-SCSI_TARGET_DISCOVERED: SCSI-target discovered VSAN:[dec] FCID:[hex] prlisparm:[hex]

Explanation SCSI-target process discovered VSAN [dec] FCID [hex] prli service parameter [hex].

Recommended Action None

SDV Messages

This section contains the SDV messages.

SDV-2

Error Message SDV-2-RANDNUM_FAIL: Random number generation failed

Explanation Random number generation failed. Process has to exit due to FIPS compliance

Recommended Action No action is required.

SDV-3

Error Message SDV-3-ACL_CACHE_ERROR: ACL CACHE ERR, Trying to prog with no interface list

Explanation A Null interface list was generated for a ACL entry

Recommended Action No action is required.

Error Message SDV-3-ACL_ERROR: ACL API, [chars], failed with error [hex]

Explanation SDV invoked ACL API and received the error code. [chars] describes the API and 0x[hex] specifies the error.

Recommended Action No action is required.

Error Message SDV-3-ALLOC_FAILED: Failed for type [dec] size [dec]

Explanation SDM process could not allocate heap memory. [dec] is the memory type and [dec] is the size of memory

Recommended Action No action is required.

Error Message SDV-3-ASSERTION_FAILED: [chars]:[dec]

Explanation SDM process has hit an assert condition at file [chars] line number [dec]

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SDV-3-AUTO_FAILOVER_ERROR: [chars]

Explanation SDV Virtual-device failed to auto-failover due to [chars]

Recommended Action No action is required.

Error Message SDV-3-BCAST_NOT_SUPPORTED: Broadcast attribute will be ignored for SDV devices

Explanation Broadcast attribute will be ignored for SDV devices

Recommended Action No action is required.

Error Message SDV-3-ENQUEUE_EVENT_FAIL: Unable to enqueue event into state machine

Explanation Unable to enqueue event into state machine

Recommended Action No action is required.

Error Message SDV-3-FCID_REWRITE_REQUEST_TO_ACL_FAILED: fcid rewrite [chars] request vsan [dec] vdev_id [dec] failed:[chars].

Explanation This happens when either after SDV retried the request few times or ACL experienced error while processing the request.

Recommended Action No action is required.

Error Message SDV-3-INIT_FAIL: [chars]

Explanation SDM process init has failed due to [chars]

Recommended Action No action is required.

Error Message SDV-3-INTERNAL_ERR: [chars]

Explanation SDM process encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message SDV-3-LOCK_FAILED: [chars]

Explanation An error occurred while acquiring the lock. The reason for the failure : [chars]

Recommended Action No action is required.

Error Message SDV-3-MERGE_ACTIVATION_FAILED: [chars]

Explanation Error while activating the merged SDV database due to [chars]

Recommended Action No action is required.

Error Message SDV-3-MERGE_CAP_FAILED: [chars]

Explanation SDV fabric merge failed because of incomaptible capabilities [chars]

Recommended Action Compare SDV configuration in both fabrics and resolve the conflicts if any and commit the changes.

Error Message SDV-3-MERGE_FAILED: [chars]

Explanation SDV fabric merge failed due to [chars]

Recommended Action Check the error using "show sdv merge staus vsan <vsan-id

Error Message SDV-3-MTS_ERR: [chars]

Explanation SDM process encountered an MTS error due to [chars]

Recommended Action No action is required.

SDV-4

Error Message SDV-4-FCID_REWRITE_REQUEST_TO_ACL_FAILED_AND_RETRYING:
failed:[chars]. Retrying the request again.

Explanation This happens when either any of the linecards being upgraded or ACL experienced error while processing the request.

Recommended Action No action is required.

SDV-6

Error Message SDV-6-INTERNAL_ERR_INFO: [chars]

Explanation SDM process encountered ignorable error due to [chars]

Recommended Action No action is required.

SDV-7

Error Message SDV-7-SRVCREATED: SDM Process started

Explanation SDM process has started

Recommended Action No action is required.

SECURITYD Messages

This section contains the SECURITYD messages.

SECURITYD-2

Error Message SECURITYD-2-FIPS_BYPASS_SELF_TEST_STATUS: FIPS Bypass self-test
status : [chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRNG_SELF_TEST_STATUS: FIPS CRNG self-test status : [chars]

Explanation Status of FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_CRYPTO_SELF_TEST_STATUS: FIPS [chars] Crypto self-test status : [chars]

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_IMAGE_INTEGRITY_SELF_TEST_STATUS: FIPS Image Integrity self-test status : [chars]

Explanation Status of FIPS [chars] self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_ERROR_MSG: [chars]

Explanation Fips post Error Message

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_MAINTENANCE: FIPS Test failed. Moving to maintenance mode

Explanation FIPS Test failed. Moving to maintenance mode

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POST_TEST_FAILED: FIPS crypto-test failure : [dec]

Explanation FIPS crypto-test failed [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POWERUP_SELF_TESTS_STATUS: FIPS power-up self-test status: [chars]

Explanation Status FIPS self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_POWERUP_SELF_TEST_STATUS: FIPS [chars] power-up self-test status : [chars]

Explanation Status of FIPS [chars] power-up self-test [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-FIPS_SELF_TEST_FAILED: FIPS self-test failure : [chars] : [chars]

Explanation FIPS self-test failed [chars] for service [chars]

Recommended Action No action is required.

Error Message SECURITYD-2-PROGRAM_EXIT: security/accounting daemon exiting: [chars]

Explanation Security/accounting daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SECURITYD-3

Error Message SECURITYD-3-SECURITY_ERR_MSG: [chars]

Explanation Security Error Message

Recommended Action No action is required.

Error Message SECURITYD-3-NVRAMFAILURE: nvram failure

Explanation Nvram can not be read/written to. Hence accounting log can not be stored there

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SECURITYD-6

Error Message SECURITYD-6-ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message SECURITYD-6-CHANGE_PASSWD: changing passwd for [chars]

Explanation Changing passwd for [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-DELETE_STALE_USER_ACCOUNT: deleting expired user account: [chars]

Explanation Deleting expired user account of [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-FIPS_MODE_SET_FAILED: Error when setting FIPS mode : [chars]

Explanation FIPS mode failed [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-FIPS_MODE_SET: FIPS mode is [chars] for service [chars]

Explanation FIPS mode is changed [chars] [chars]

Recommended Action No action is required.

Error Message SECURITYD-6-FIPS_POST_INFO_MSG: [chars]

Explanation Fips post Information Message

Recommended Action No action is required.

Error Message SECURITYD-6-SECURITY_INFO_MSG: [chars]

Explanation Security Info Message

Recommended Action No action is required.

SECURITYD-7

Error Message SECURITYD-7-SECURITY_DBG_MSG: [chars]

Explanation Security Debug Message

Recommended Action No action is required.

SENSOR_USD Messages

This section contains the SENSOR_USD messages.

SENSOR_USD-2

Error Message SENSOR_USD-2-SNSM_SYSLOG_INIT_FAILED: Sensor Mgr Initialization failed. Component [chars]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-2-SNSM_SYSLOG_SHUTDOWN: Sensor Mgr process shutting down: [chars]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-2-SNSM_SYSYLOG_ALLOC_MEMORY: Sensor Mgr Memory allocation failed

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-3

Error Message SENSOR_USD-3-MSG_SNSM_SYS_MEM_ALOC_FAILURE: Sensor Mgr Error in allocating mem: [dec], Error code = [dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_API_CALL_FAILURE: Sensor Mgr Error in [chars] call errno=[dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYSLOG_BAD_MTS_MSG: Sensor Mgr Received bad MTS message: [dec]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYSLOG_MTS_PROCESS_ERROR: Sensor Mgr Error in processing MTS message: [dec], Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_DEQUE_PENDING_QUE_FAILURE: Sensor Mgr Error in Dequing pend Que: %p, Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_ENQUE_PENDING_QUE_FAILED: Sensor Mgr Error in queuing to pending queue: %p, Error code = [hex]

Explanation Sensor Manager syslog message

Recommended Action No action is required.

Error Message SENSOR_USD-3-SNSM_SYS_MTS_RECV_FAILURE: Sensor Mgr Error in receving MTS mesg

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_USD-5

Error Message SENSOR_USD-5-SNSM_SYSLOG_STARTING: Sensor Mgr process started

Explanation Sensor Manager syslog message

Recommended Action No action is required.

SENSOR_MGR Messages

This section contains the SENSOR_MGR messages.

SENSOR_MGR-2

Error Message SESSION-MGR-2-DB_UNLOCK_FAILED: Failed to unlock the database for session:[chars]

Explanation Session-Manager failed to unlock the database for session: [chars]

Recommended Action No action is required.

SENSOR_MGR-3

Error Message SESSION-MGR-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation Session-mgr process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

SENSOR_MGR-4

Error Message SESSION-MGR-4-ISSU_FAILED: [chars] :[hex]

Explanation Session manager failed ISSU because of:[string] and error: [hex]

Recommended Action No action is required.

SENSOR Messages

This section contains the SENSOR messages.

SENSOR-0

Error Message SENSOR-0-DC3_SENSOR_MSG: [chars]

Explanation SENSOR log emergency message

Recommended Action No action is required.

SENSOR-3

Error Message SENSOR-3-DC3_SENSOR_MSG1: [chars]

Explanation SENSOR log message

Recommended Action No action is required.

SESSION-MGR Messages

This section contains the SESSION-MGR messages.

SESSION-MGR-2

Error Message SESSION-MGR-2-DB_UNLOCK_FAILED: Failed to unlock the database for session: [chars]

Explanation Session-Manager failed to unlock the database for session: [chars]

Recommended Action No action is required.

SESSION-MGR-3

Error Message SESSION-MGR-3-ALLOC_FAILED: Failed in File:[chars] Line:[dec] for type [dec] size [dec]

Explanation Session-mgr process could not allocate heap memory in File:[chars], at line:[dec], for memory-type:[dec] of Size:[dec]

Recommended Action No action is required.

SESSION-MGR-4

Error Message SESSION-MGR-4-ISSU_FAILED: [chars] : [hex]

Explanation Session manager failed ISSU because of:[string] and error: [hex]

Recommended Action No action is required.

SFC Messages

This section contains the SFC messages.

SFC-3

Error Message SFC-3-ERROR: [chars]

Explanation SCSI Flow Client encountered an error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SFM Messages

This section contains the SFM messages.

SFM-2

Error Message SFM-2-NO_LICENSE_WARNING: SCSI Flow Manager is shutting down as no license is available.

Explanation License required for continued SCSI Flow Manager operation is not available.

Recommended Action No action is required.

SFM-6

Error Message SFM-6-LICENSE_VALID: A valid license for SCSI FLOW Manager has been obtained

Explanation A valid license for SCSI Flow Manager has been obtained

Recommended Action No action is required.

SIM Messages

This section contains the SIM messages.

SIM-2

Error Message SIM-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message SIM-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command `show port internal all interface [char]`. In most cases, you can recover using a `'shutdown'` followed a `'no shutdown'` on the interface or removing and re-inserting the fibre optic cable.

Error Message SIM-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message SIM-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message SIM-2-SYSLOG_SIM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

SIM-3

Error Message SIM-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform `'shut'` and `'no shutdown'` on the PortChannel interface that it belongs to

Error Message SIM-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message SIM-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message SIM-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message SIM-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message SIM-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message SIM-3-IF_XCVR_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message SIM-3-IF_XCVR_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

SIM-4

Error Message SIM-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message SIM-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message SIM-4-IF_XCVR_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

SIM-5

Error Message SIM-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action No action is required.

Error Message SIM-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform noshutdown"

Error Message SIM-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message SIM-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message SIM-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message SIM-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action showportinternalevent-historymsgs'willindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message SIM-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message SIM-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message SIM-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message SIM-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message SIM-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message SIM-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module hardware has failed'

Recommended Action Collect more information about failed module using command showmoduleinternalallmodule"

Error Message SIM-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message SIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminethelistofmodessupportedonthisinterface'

Error Message SIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from showportinternalinfo"

Error Message SIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from showportinternalinfo"

Error Message SIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminetherangeofspeedsupportedonthisinterface'

Error Message SIM-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of showportinternalevent-history'todeterminewhatitiswaitingfor'

Error Message SIM-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message SIM-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command attachmodule'toconnecttomodule'

Error Message SIM-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message SIM-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command `showportinternalinfo/event-history'` to determine why it went down'

Error Message SIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down (TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: `show interface`. Check to see why the peer closed the TCP connection

Error Message SIM-5-IF_DOWN_PEER_RESET: Interface [chars] is down (TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: `show interface`, `show ip route`. Check to see why the peer reset the TCP connection

Error Message SIM-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannelmembers'

Error Message SIM-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message SIM-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message SIM-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message SIM-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message SIM-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message SIM-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message SIM-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message SIM-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message SIM-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message SIM-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message SIM-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message SIM-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message SIM-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message SIM-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message SIM-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action No action is required.

Error Message SIM-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message SIM-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action No action is required.

Error Message SIM-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message SIM-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message SIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message SIM-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message SIM-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message SIM-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message SIM-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message SIM-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

SKSD Messages

This section contains the SKSD messages.

SKSD-2

Error Message SKSD-2-SKSD_CRYPT_SERVICE_CRIT: Encryption-Service: [chars]

Explanation Encryption Service critical errors.

Recommended Action No action is required.

SKSD-3

Error Message SKSD-3-SKSD_CRYPT_SERVICE_ERR: Encryption-Service: [chars]

Explanation Encryption Service errors.

Recommended Action No action is required.

Error Message SKSD-3-SKSD_FIPS_MODE_INIT_ERROR: Could not initialize FIPS mode : [chars]

Explanation FIPS mode initialization error

Recommended Action No action is required.

Error Message SKSD-3-SKSD_FIPS_MODE_SELFTEST: FIPS POST for [chars] [chars]

Explanation FIPS Selftest Result

Recommended Action No action is required.

SKSD-4

Error Message SKSD-4-SKSD_CRYPT_SERVICE_WARN: Encryption-Service: [chars]

Explanation Encryption Service warnings.

Recommended Action No action is required.

SKSD-5

Error Message SKSD-5-SKSD_CRYPT_SERVICE_NOTICE: Encryption Service: [chars]

Explanation Encryption Service updates.

Recommended Action No action is required.

Error Message SKSD-5-SKSD_EXIT: Keystore Application Exiting: [chars]

Explanation Keystore Program exiting

Recommended Action No action is required.

Error Message SKSD-5-SKSD_FUNC: Keystore Operation: [chars]

Explanation Keystore Event upon a receiving a request

Recommended Action No action is required.

Error Message SKSD-5-SKSD_HW_INIT: Hardware Keystore Init done

Explanation Hardware Keystore Init completed

Recommended Action No action is required.

Error Message SKSD-5-SKSD_HW_RESET: Hardware Reset :[chars]

Explanation Hardware Reset

Recommended Action No action is required.

Error Message SKSD-5-SKSD_HW: Smartcard :[chars]

Explanation Smartcard Presence

Recommended Action No action is required.

Error Message SKSD-5-SKSD_INIT: Keystore Application Init: [chars]

Explanation Keystore Program Init

Recommended Action No action is required.

Error Message SKSD-5-SKSD_KEY_ADD: Key added

Explanation Key added to keystore

Recommended Action No action is required.

Error Message SKSD-5-SKSD_KEY_DELETE: Key deleted

Explanation Key deleted from keystore

Recommended Action No action is required.

Error Message SKSD-5-SKSD_MKEY_INSTALL: Installing a Master Key on the smartcard(s)

Explanation Installing a new Master Key on the smartcard(s)

Recommended Action No action is required.

Error Message SKSD-5-SKSD_SUP_STATE: Supervisor card new state: [dec]

Explanation Supervisor state change

Recommended Action No action is required.

Error Message SKSD-5-SKSD_SW_INIT: Software Keystore Init done

Explanation Software Keystore Init completed

Recommended Action No action is required.

SKSD-6

Error Message SKSD-6-SKSD_CRYPT_SERVICE_INFO: Encryption Service: [chars]

Explanation Encryption Service informational updates.

Recommended Action No action is required.

SKT_USD Messages

This section contains the SKT_USD messages.

SKT_USD-2

Error Message SKT_USD-2-SKT_RF_CRC_ERR: [chars]

Explanation Skytrain received packet(s) from fabric with CRC error

Recommended Action No action is required.

SKT_USD-6

Error Message SKT_USD-6-SKT_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

SKYLINE_APP Messages

This section contains the SKYLINE_APP messages.

SKYLINE_APP-SLOT#-2

Error Message SKYLINE_APP-SLOT#-2-SKYLINE_APP_EXITED: Skyline driver application exited (syserr = [dec], errno = [dec])

Explanation Skyline driver application exited

Recommended Action No action is required.

SME_CPP Messages

This section contains the SME_CPP messages.

SME_CPP-2

Error Message SME_CPP-2-IT_NEXUS_MAX_INTERFACE_LIMIT_REACHED: [chars] cannot be bound as the interfaces reached the maximum IT Nexus limit

Explanation IT Load Balancing failed

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_CTRL_LUN_PATH_MISCONFIG: Control LUN [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_DIFF_LUN_MISCONFIG: Lun [chars] and [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] configured as one device.

Explanation Two different luns configured as one device. Please fix configuration.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_LICENSE_EXPIRED: SME License expired - Disabling [chars]

Explanation SAN Media Encryption License expired/not present - Disabling SME

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_TAPE_LUN_PATH_MISCONFIG: Tape Drive [chars] behind Host PWWN [chars] Tgt PWWN [chars] LUN Id [chars] has some lun paths that are not configured.

Explanation A single lun with multiple paths has some non configured paths. Please configure all lun paths.

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_ERR_SME_TOM_ABORTED: SME Cluster [chars] Message Id: [hex] aborted

Explanation An SME Cluster Message was aborted by the Cluster process

Recommended Action No action is required.

Error Message SME_CPP-2-LOG_WARN_SME_LICENSE_GRACE: No SME License. Feature will be shut down after a grace period of approximately [dec] days

Explanation SAN Media Encryption feature on grace period. Please acquire actual license.

Recommended Action No action is required.

Error Message SME_CPP-2-SME_INIT_FAILED: Initialization failed for SME: [chars], Reason: [hex]

Explanation Initialization failed for SME

Recommended Action No action is required.

SME_CPP-3

Error Message SME_CPP-3-LOG_ERR_SME_DBSYBC_REJECT: SME Database Synchronization [chars] for a New Cluster (Id 0x%llx) Rejected; Reason - [chars].

Explanation A switch can be part of only one SME cluster

Recommended Action No action is required.

Error Message ME_CPP-3-LOG_ERR_SME_DISK_DP_CNODE_NOT_FOUND: crypto disk data preparation for (DG: [chars] CD NAME: [chars]) could not find cnode ([chars] if_index: [hex])

Explanation The data preparation failed since crypto node assigned for data preparation is not found

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_DP_CNODE_OVERLOAD: crypto disk data preparation for (DG: [chars] CD NAME: [chars]) could not be assigned a crypto node ([chars] if_index: [hex]) due to max limit. current active sessions: [dec]

Explanation The data preparation failed since crypto node is already handling maximum number of data preparation sessions

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_NAME_MISMATCH: The KMC DG: [chars] and CD NAME: [chars] corresponding to VID: [chars] PID: [chars] DID: [chars] doesnt match cdisk DG: [chars] and CD NAME: [chars]

Explanation The discovered vendor id information not match the cryptodisk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_VPD_FIXED: The VPD of cdisk DG: [chars] CD NAME: [chars] has been changed to VPD in KMC VID: [chars] PID: [chars] DID: [chars] and old VPD of disk has been removed

Explanation The vendor id information has been modified to be consistent with KMC

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_KMC_VPD_MISMATCH: The VID: [chars] PID: [chars] DID: [chars] of cdisk DG: [chars] CD NAME: [chars] does not match VPD in KMC VPD: [chars] PID: [chars] DID: [chars]

Explanation The discovered vendor id information not match the cryptodisk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL1: ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VPD mismatch disk. Disk VPD VID: [chars] PID: [chars] DID: [chars] ITL VID: [chars] PID: [chars] DID: [chars]

Explanation The given path does not belong to the configured disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL2: ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VID: [chars] PID: [chars] DID: [chars] belongs to a different cdisk DG: [chars] CD NAME: [chars]

Explanation The given path does not belong to the configured disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL3: CFG ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] VID: [chars] PID: [chars] DID: [chars] doesnt belong to DG: [chars] CD NAME: [chars] whose VID: [chars] PID: [chars] DID: [chars]

Explanation The given path does not belong to the disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_DISK_LUN_PATH_AUTH_FAIL4: CFG ITL HPWWN: [chars] TPWWN: [chars] LUN Id: [chars] of DG: [chars] CD: [chars] has VID: [chars] PID: [chars] DID: [chars] belonging to DG: [chars] CD NAME: [chars]

Explanation The given path does not belong to the disk

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CLUSTER_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] and security mode [dec], but the DPP has state from a previous instance of a cluster [chars] with ID [chars] and security mode [dec].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is part of a different cluster.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTONODE_CERTIFICATE2: but the DPP has a different certificate (len [dec] fingerprint [chars]).

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTONODE_CERTIFICATE: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars] with certificate (len [dec] fingerprint [chars]), ..

Explanation DPP has persistent state about a previous cluster membership with a different crypto node identity.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_INTF_MISMATCH_CRYPTONODE_PARAMS: SME interface [chars] part of cluster [chars] with ID [chars] as a crypto node [chars], but the DPP is identified as [chars].

Explanation DPP has persistent state about a previous cluster membership on a different switch or module.

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_ERR_SME_IT_NEX_USED_FOR_DP: IT CL: [chars] H: [chars] T: [chars] VSAN: [dec] has PATH lunid: [chars] for disk (dg: [chars] cd: [chars]) so rediscover not issued

Explanation The IT nexus is currently in use by data preparation so rediscover not permitted since it disrupts data preparation. Please stop data preparation first

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_CDISK_DP_FAILED: SME cdisk ([chars]) data preparation failed ([chars]), disk-group ([chars]), cluster (name [chars], id %llx)

Explanation SME cdisk data preparation failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_DISK_ASL_FAILED: [chars]

Explanation SME KMC disk asl token generation failed for the given device discovery info

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KEY_CREATE_FAILED: Key creation ([chars]) failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME key creation failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_DELETE_ALL_KEYS_FAILED: Delete all keys in cluster failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_DELETE_KEYS_FAILED: Delete keys for [chars] failed to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEEPAALIVE_FAILED: Keepalive to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC keepalive failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_ENTITY_LOOKUP_FAILED: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_LOOKUP_FAILED: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_KEY_UPDATE_FAILED: Key updates ([chars]) to KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key updates failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_KMC_MODIFY_DISK_STATUS_FAILED: Key ([chars]) update disk status in KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC disk status update failed

Recommended Action No action is required.

Error Message SME_CPP-3-LOG_SME_REPLACE_SMARTCARD_ABORT: Replace smartcard process (type [chars]) aborted [chars] with reason ([chars]) in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-3-SME_FIPS_MODE_ERROR: SME FIPS error: [chars]

Explanation SME module FIPS mode error

Recommended Action No action is required.

Error Message SME_CPP-3-SME_MAX_CLUSTERS_LIMIT_EXCEEDED: SME maximum clusters limit of [dec] exceeded

Explanation The maximum sme clusters limit exceeded

Recommended Action No action is required.

SME_CPP-5

Error Message SME_CPP-5-IT_NEXUS_OPTIMUM_INTERFACE_LIMIT_REACHED: Interface [chars] exceeded the optimum IT Nexus limit

Explanation Interface Flow Limit

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PART_OF_ANY_CLUSTER: SME interface [chars] not part of any cluster, but the DPP has state from a previous instance of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the interface is not part of any cluster.

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_ERR_SME_INTF_MISMATCH_NOT_PROVISIONED: SME is not provisioned on slot [dec], but the DPP has state from a previous instance as a crypto node [chars] of a cluster [chars] with ID [chars].

Explanation DPP has persistent state about a previous cluster membership incarnation, but the switch has not provisioned the interface for SME.

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CDISK_DP_SUCCESS: SME cdisk ([chars]) data preparation succeeded, disk-group ([chars]), cluster (name [chars], id %llx)

Explanation SME cdisk data preparation succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_ADDED: SME interface now part of cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface added to cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_CLUSTER_INTF_REMOVED: SME interface now removed from cluster [chars] with ID [chars] as a crypto node [chars] and certificate (len [dec] fingerprint [chars]).

Explanation Interface removed from cluster successfully

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_DOWN: SME Interface ([chars]) DOWN

Explanation SAN Interface was brought down

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_INTERFACE_UP: SME Interface ([chars]) is UP

Explanation SAN Interface was brought up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_IT_NEXUS_FAILURE: [chars]. [chars] bind failure. Reason: [chars]: [hex]

Explanation SME IT Nexus bind failed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KEY_CREATE_SUCCESS: Key created ([chars]) successfully in SME cluster (name [chars], id %llx)

Explanation SME key creation succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_DOWN: Connection to KMC server [chars] is down with reason ([chars]) from local switch in SME cluster (name [chars], id %llx)

Explanation SME KMC connection down

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_FAIL: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) failed with error ([chars])

Explanation SME KMC connection initialization failed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_INIT_PASS: Connection initialization to KMC server [chars] from local switch in SME cluster (name [chars], id %llx) succeeded

Explanation SME KMC connection initialization succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_CONNECTION_UP: Connection to KMC server [chars] is up from local switch in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_DELETE_ALL_KEYS_SUCCESS: Delete all keys in cluster to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_DELETE_KEYS_SUCCESS: Delete keys for [chars] to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC delete keys succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_ENTITY_LOOKUP_NOKEY: Key ([chars]) lookup from KMC server failed with error ([chars]), SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup resulted in no key

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_ENTITY_LOOKUP_SUCCESS: Key ([chars]) lookup from KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_LOOKUP_SUCCESS: Key ([chars]) lookup from KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key lookup succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_KEY_UPDATE_SUCCESS: Key updates ([chars]) to KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC key updates succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_KMC_MODIFY_DISK_STATUS_SUCCESS: Key ([chars]) update disk status in KMC server succeeded, SME cluster (name [chars], id %llx)

Explanation SME KMC disk status update succeeded

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_MASTER_KEY_REKEYED: Master Key rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_COMMIT: Replace smartcard process (type [chars]) committed [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_REPLACE_SMARTCARD_START: Replace smartcard process (type [chars]) initiated [chars] in SME cluster (name [chars], id %llx)

Explanation SME KMC connection up

Recommended Action No action is required.

Error Message SME_CPP-5-LOG_SME_TAPE_VOLUME_GROUP_REKEYED: Tape volume group ([chars]) rekeyed successfully in SME cluster (name [chars], id %llx)

Explanation SME Master Key rekeyed

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISABLED: SME Disabled

Explanation SME Service Disabled

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_KMC: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting KMC validation of VPD

Explanation The data preparation is waiting for validation of VPD with KMC

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_ADD: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting paths to be added

Explanation The data preparation is waiting for paths to be added to the crypto disk

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_CFG: crypto disk data preparation (DG: [chars] CD NAME: [chars]) is waiting for the path (fabric: [chars] hwwn: 0x%Lx twwn: 0x%Lx vsan: [dec] lun_id: [chars]) to be added

Explanation The data preparation is waiting for discovered path to be added

Recommended Action No action is required.

Error Message SME_CPP-5-SME_DISK_DP_WAIT_PATH_DISC: (DG: [chars] CD NAME: [chars]) is waiting for configured path (fabric: [chars] hwwn: 0x%Lx twwn: 0x%Lx vsan: [dec] lun_id: [chars]) to be discovered

Explanation The data preparation is waiting for configured path to be discovered

Recommended Action No action is required.

Error Message SME_CPP-5-SME_ENABLED: SME Enabled

Explanation SME Service nabled

Recommended Action No action is required.

SME_CPP-SLOT#-2

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_DEVICE_MISCONFIG: Different configured Devices under same physical LUN - Old Cluster Name:[chars] New Cluster Name:[chars] Old Group Name:[chars] New Group Name:[chars] Old Device Name:[chars] New Device Name:[chars]

Explanation Different configured devices under same physical LUN

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_ITL_MISCONFIG: Different physical LUNs under same Tape Device - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:[chars] Serial Num:[chars] Serial Num:[chars]

Explanation Different physical LUNs under same Tape Device

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_LUN_MISCONFIG: Different physical LUNs under same ITL - Old Serial Num:[chars] New Serial Num:[chars]

Explanation Different physical LUNs under same ITL

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_BYPASS_ENC: Bypassing encryption for partly written tape - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_CTH_FAIL: Bypassing encryption for current tape on failed CTH verification - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation This tape is currently not being encrypted because CTH verification has failed in DPP

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-2-LOG_ERR_SME_TAPE_KEY_ERR: Getting tape keys from SUP failed - Cluster:[chars] Tape Device:[chars] Serial Num:[chars]

Explanation There was a failure retrieving keys from SUP for this tape

Recommended Action No action is required.

SME_CPP-SLOT#-3

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISC_TIMEOUT: Module:[dec] Host-Target:[chars]

Explanation Discovery on this IT Nexus is taking too long, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CAP_CHANGED: capacity changed for lun VID: [chars] PID: [chars] DID: [chars] previous max_lba: 0x%Lx blk_sz: [dec] discovered max_lba: [hex] blk_sz: [dec] on ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx

Explanation The capacity of the disk seems to have changed

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CPP_ITL_MISCONFIG: Disk ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx has been misconfigured under a non disk lun

Explanation Disk ITL has been misconfigured under non disk lun

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CPP_IT_MISCONFIG: Tape device has been misconfigured under disk IT nexus [chars] hence skipping discovery of ITLs under this IT nexus

Explanation Remove misconfigured disk path under the tape device

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_CRYPT_UPDATE_ITL_AUTH_FAIL: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx with discovered VID: [chars] PID: [chars] DID: [chars] marked by SUP as failed authentication

Explanation SUP detected authentication failure on path

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ENTITY_INVALID: disk entity index invalid from KMC (cluster: [chars] DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars])

Explanation KMC returned an invalid disk entity index

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_INVALID_CAPACITY: Disk capacity not supported.IT nexus:[chars] LUN Id:0x%Lx VID: [chars] PID : [chars] max_lba=[hex] max_lba64=0x%Lx

Explanation The reported disk capacity is zero

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ITL_CREATE_VPD_MISMATCH: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx VID: [chars] PID: [chars] DID: [chars] doesnt match cdisk DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars]

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_ITL_MISCONFIG: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx part of DG: [chars] CD NAME: [chars] is misconfigured as the ITL VPD VID: [chars] PID: [chars] DID: [chars] belongs to a different cdisk DG: [chars] CD NAME: [chars]

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_KEY_INVALID: (CLUSTER: [chars] DG: [chars] CD NAME: [chars] keytype: [dec] keyguid: [chars] invalid

Explanation KMC returned an invalid disk key

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_KMC_VERIFY_PENDING: cluster: [chars] DG: [chars] CD NAME: [chars] VID: [chars] PID: [chars] DID: [chars]

Explanation Vpd of the discovered path pending verification with KMC

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_MISCONFIG: A disk device misconfiguration under disk config - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Lx

Explanation A disk device misconfigured under disk config

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_PHYENCRYPT_FAILED: CL: [chars] DG: [chars] CD: [chars] VID: [chars] PID: [chars] DID: [chars] ISAPI_PhyCopyEncrypt() failed isapi status: [dec] copy status: [hex] scsi status: [hex] data preparation failed

Explanation ISAPI_PhyCopyEncrypt() failed causing data preparation to fail

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_VPD_CHANGED: VID, PID and DID changed on ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx previous VID: [chars] PID: [chars] DID: [chars] current VID: [chars] PID: [chars] DID: [chars]

Explanation The VPD of the disk seems to have changed

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DISK_VPD_MISMATCH: ITL Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:0x%Lx failed authentication DISK VPD(VID id: [chars] PID: [chars] DID: [chars]) ITL(VID: [chars] PID: [chars] DID: [chars])

Explanation The configured path does not belong to this disk

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_DP_TEST_IO_ERR: IT nexus [chars] lun [chars] isapi [hex] scsi [hex] sense/asc/ascq [hex]/[hex]/[hex]

Explanation ITL DP TEST IO failure, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_ITL_CPP_ERR: Module:[dec] Host-Target [chars] LunID:[chars]

Explanation ITL failure seen on CPP, please check status

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_IT_NEXUS_UNSUPPORTED: IT nexus [chars] has both disks and tapes which is an unsupported configuration

Explanation IT nexus has an unsupported mix of tape and disk devices

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_NON_DISK_MISCONFIG: A non-disk device misconfigured under disk config - Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Lx

Explanation A non disk device misconfigured under disk config

Recommended Action No action is required.

Error Message SME_CPP-SLOT#-3-LOG_ERR_SME_NON_TAPE_MISCONFIG: A non-tape device misconfigured under tape config - Device Name:[chars] Host PWWN:[chars] Tgt PWWN:[chars] LUN Id:%Ld

Explanation A disk misconfigured under tape config

Recommended Action No action is required.

SME_CPP-SLOT#-4

Error Message SME_CPP-SLOT#-4-LOG_WARN_SME_MAX_BLOCK_LEN: Maximum block length [dec] of tape drive is 256K or less - [chars] LunID:[chars] VendorID:[chars] ProdID:[chars] Serial Num:[chars] Cluster:[chars] Tape Device:[chars]

Explanation This tape drive may not operate correctly with SME

Recommended Action No action is required.

SNMPD Messages

This section contains the SNMPD messages.

SNMPD-1

Error Message SNMPD-1-ALERT: SNMP log alert : [chars]

Explanation SNMP log alert message.

Recommended Action No action is required.

SNMPD-2

Error Message SNMPD-2-CRITICAL: SNMP log critical : [chars]

Explanation SNMP log critical message.

Recommended Action No action is required.

SNMPD-3

Error Message SNMPD-3-ERROR: SNMP log error : [chars]

Explanation SNMP log error message.

Recommended Action No action is required.

SNMPD-4

Error Message SNMPD-4-WARNING: SNMP log warning : [chars]

Explanation SNMP log warning message.

Recommended Action No action is required.

SNMPD-5

Error Message SNMPD-5-NOTIFICATION: SNMP log notification : [chars]

Explanation SNMP log notification message.

Recommended Action No action is required.

SNMPD-6

Error Message SNMPD-6-INFO: SNMP log informational : [chars]

Explanation SNMP log info message.

Recommended Action No action is required.

SNMPD-7

Error Message SNMPD-7-DEBUG: SNMP log debugging : [chars]

Explanation SNMP log debug message.

Recommended Action No action is required.

SPAN Messages

This section contains the SPAN messages.

SPAN-2

Error Message SPAN-2-MEM_FULL: Memory allocation failed

Explanation Memory allocation failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

SPAN-3

Error Message SPAN-3-IPC_FAIL: IPC Error

Explanation Internal IPC error

Recommended Action No action is required.

Error Message SPAN-3-SYSINFO_TIMEOUT: Span timed out waiting for response from port manager for sys info

Explanation Span request for critical system information from port manager timed out. So, span on the new active is exiting and system manager will restart Span.

Recommended Action No action is required.

SPAN-5

Error Message SPAN-5-ATL_VSAN_DEFAULT_ALL: Default to all VSANs for SPAN egress session

Explanation Generation 2 fabric switches support only one VSAN filter for egress SPAN session. If no or more than one VSANs are specified, SPAN will default to use all VSANs for the egress SPAN session

Recommended Action No action is required.

Error Message SPAN-5-SPAN_CFG_REJECT_SRC_VSAN_FILTER_NOT_SUPPORTED: Source interface [[chars]] in dir [[chars]] removed from session [[dec]].

Explanation Interface level VSAN filters is not supported

Recommended Action No action is required.

Error Message SPAN-5-SPAN_CFG_REJECT_VSAN_SRC_PRESENT: Source VSAN [[dec]] removed from session [[dec]].

Explanation Source VSANs are removed from the session as mixing of interface and VSANs is not supported.

Recommended Action No action is required.

Error Message SPAN-5-SPAN_PSS_CORRUPTION: Span is starting stateless due to PSS corruption

Explanation Due to unrecoverable PSS corruption error, SPAN starts stateless without any configuration

Recommended Action No action is required.

Error Message SPAN-5-STATELESS_RESTART_ON_ACTIVE: Span is restarting as Span on active sup was restarted stateless.

Explanation Due to unrecoverable error, Span on active supervisor was restarted stateless. So, the standby Span restarts to get in sync with the stateless Span on active.

Recommended Action No action is required.

Error Message SPAN-5-STATELESS_RESTART: Span is restarting stateless.

Explanation Due to unrecoverable error, Span is starting stateless. The currently active sessions will not be preserved. The user will have to reenter all the configuration.

Recommended Action No action is required.

SPAN-6

Error Message SPAN-6-SESSION_DOWN: Session [dec] is inactive ([chars])

Explanation Session [dec] is inactive now. Traffic for this session is no longer spanned

Recommended Action Check the reason for session inactive using command `showspansession'andtakecorrespondingaction.'`

Error Message SPAN-6-SESSION_UP: Session [dec] is active, destination SD port [chars]

Explanation Session [dec] is active now. You can monitor Spanned traffic at the destination SD port

Recommended Action No action is required.

Error Message SPAN-6-STATELESS_SWITCHOVER: Span is starting stateless after switchover.

Explanation Active sessions are not preserved across switchover. Span is starting stateless and the configuration will be reapplied to get back the active configuration.

Recommended Action No action is required.

SPI Messages

This section contains the SPI messages.

SPI-SLOT#-2

Error Message SPI-SLOT#-2-SPI_INFO: [chars]

Explanation SPI Informational message

Recommended Action No action is required.

STATSCLIENT Messages

This section contains the STATSCLIENT messages.

STATSCLIENT-2

Error Message STATSCLIENT-2-STATSCL_CRIT: [chars]

Explanation StatsClient Critical Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

STATSCLIENT-3

Error Message STATSCLIENT-3-STATSCL_ERR2: [chars] [dec] [dec]

Explanation StatsClient Error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message STATSCLIENT-3-STATSCL_ERR: [chars] [dec]

Explanation StatsClient Error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

STATSCLIENT-6

Error Message STATSCLIENT-6-STATSCL_INFO: [chars]

Explanation StatsClient Flow Message

Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

STATSINFRA Messages

This section contains the STATSINFRA messages.

STATSINFRA-3

Error Message STATSINFRA-3-STATS_INFRA_CRIT: [chars]

Explanation StatsInfra Critical Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message STATSINFRA-3-STATS_INFRA_ERR: [chars]

Explanation StatsInfra Error

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message STATSINFRA-3-STATS_INFRA_INFO: [chars]

Explanation StatsInfra Flow Message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

STATSPROFILER Messages

This section contains the STATSPROFILER messages.

STATSPROFILER-2

Error Message STATSPROFILER-2-IF_CRITICAL_FAILURE: (Debug syslog)Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message STATSPROFILER-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command showportinternalallinterface[char].Inmostcases,youcanrecoverusinga'shutdown'followeda'noshutd own'ontheinterfaceorremovingandre-insertingthefibreoptic cable.'

Error Message STATSPROFILER-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message STATSPROFILER-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message STATSPROFILER-2-SYSLOG_STATSPROFILER_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

STATSPROFILER-3

Error Message STATSPROFILER-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform shut'and'noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message STATSPROFILER-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message STATSPROFILER-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message STATSPROFILER-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message STATSPROFILER-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message STATSPROFILER-3-IF_UNsupported_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message STATSPROFILER-3-IF_XCVR_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message STATSPROFILER-3-IF_XCVR_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

STATSPROFILER-4

Error Message STATSPROFILER-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message STATSPROFILER-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was a warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message STATSPROFILER-4-IF_XCVR_WARNING: Interface [chars], [chars]

Explanation There was a warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

STATSPROFILER-5

Error Message STATSPROFILER-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_BANDWIDTH_CHANGE: Interface [chars], bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform noshutdown"

Error Message STATSPROFILER-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message STATSPROFILER-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message STATSPROFILER-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action

showportinternalevent-historymsgs'willindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message STATSPROFILER-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of

showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message STATSPROFILER-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message STATSPROFILER-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message STATSPROFILER-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message STATSPROFILER-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message STATSPROFILER-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The module hardware has failed'

Recommended Action Collect more information about failed module using command showmoduleinternalallmodule"

Error Message STATSPROFILER-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message STATSPROFILER-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminethelistofmodessupportedonthisinterface'

Error Message STATSPROFILER-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from showportinternalinfo"

Error Message STATSPROFILER-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from showportinternalinfo"

Error Message STATSPROFILER-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminetherangeofspeedsupportedonthisinterface'

Error Message STATSPROFILER-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of showportinternalevent-history'todeterminewhatitiswaitingfor'

Error Message STATSPROFILER-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message STATSPROFILER-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command attachmodule'toconnecttomodule'

Error Message STATSPROFILER-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message STATSPROFILER-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command showportinternalinfo/event-history'todeterminewhyitwentdown'

Error Message STATSPROFILER-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message STATSPROFILER-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message STATSPROFILER-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannelmembers'

Error Message STATSPROFILER-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message STATSPROFILER-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message STATSPROFILER-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message STATSPROFILER-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message STATSPROFILER-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message STATSPROFILER-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message STATSPROFILER-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message STATSPROFILER-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message STATSPROFILER-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message STATSPROFILER-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message STATSPROFILER-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message STATSPROFILER-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message STATSPROFILER-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message STATSPROFILER-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message STATSPROFILER-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message STATSPROFILER-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message STATSPROFILER-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

STP Messages

This section contains the STP messages.

STP-2

Error Message STP-2-BLOCK_BPDUGUARD: Received BPDU on port [chars] with BPDU Guard enabled. Disabling port.

Explanation A BPDU was received in the interface specified in the error message that has the spanning tree BPDU Guard feature enabled. As a result, the interface was administratively shut down.

Recommended Action Either remove the device sending BPDUs or disable the BPDU Guard feature. The BPDU Guard feature can be locally configured on the interface or globally configured on all ports that have portfast enabled. After the conflict has been resolved, re-enable the interface by entering the <CmdBold

Error Message STP-2-BLOCK_DETECTED_PVST_PEER: Blocking port [chars] [PVST peer detected].

Explanation The listed interface received SSTP BPDU indicating that peer is running PVST and will be held in spanning tree blocking state until the interface stops receiving SSTP BPDUs

Recommended Action Either enable PVST simulation configuration for the interface or make sure the port peer is not PVST switch

Error Message STP-2-BLOCK_PVID_LOCAL: Blocking [chars] on [chars]. Inconsistent local vlan.

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the Port VLAN ID (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of the listed interface.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-2-BLOCK_PVID_PEER: Blocking [chars] on [chars]. Inconsistent peer vlan.

Explanation The spanning tree port associate with the listed spanning tree instance and interface will be held in spanning tree blocking state until the port VLAN Id (PVID) inconsistency is resolved. The listed spanning tree instance is that of the native VLAN id of interface on the peer switch to which the listed interface is connected.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-2-BRIDGE_ASSURANCE_BLOCK: Bridge Assurance blocking port [chars] [chars].

Explanation BPDUs were not received from a neighboring switch on the interface that has spanning tree Bridge Assurance configured. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-BRIDGE_ASSURANCE_UNBLOCK: Bridge Assurance unblocking port [chars] [chars].

Explanation The interface listed in the message has been restored to normal spanning tree state after receiving BPDUs from the neighboring L2 switch/bridge

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-DISPUTE_CLEARED: Dispute resolved for port [chars] on [chars].

Explanation The listed interface has stopped receiving Inferior BPDUs with designated role and state as learning and/or forwarding. The Dispute has been resolved and if the port is still designated, it will be taken out of the blocking state as and when appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-DISPUTE_DETECTED: Dispute detected on port [chars] on [chars].

Explanation The spanning tree has detected a Dispute on this interface. The BPDU received from the peer is Inferior with designated role and state as learning and/or forwarding. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as disputed in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold

Error Message STP-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation STP encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message STP-2-L2GW_BACKBONE_BLOCK: L2 Gateway Backbone port inconsistency blocking port [chars] on [chars].

Explanation A BPDU was received on the listed interface which advertises a superior spanning tree root bridge to that currently in use. The interface is put into blocking state and marked as L2 Gateway Backbone port inconsistent in order to prevent a suboptimal spanning tree topology to form.

Recommended Action Issue the <CmdBold

Error Message STP-2-L2GW_BACKBONE_UNBLOCK: L2 Gateway Backbone port inconsistency cleared unblocking port [chars] on [chars].

Explanation The listed interface is no longer receiving BPDUs advertizing a superior root bridge. The L2 Gateway Backbone port inconsistency is cleared for the interface and then it is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-LOOPGUARD_BLOCK: Loop guard blocking port [chars] on [chars].

Explanation The spanning tree message age timer has expired because and no BPDUs were received from the designated bridge. Since this condition could be caused by an unidirectional link failure, the interface is put into blocking state and marked as loop guard inconsistent in order to prevent possible loops from being created

Recommended Action Issue the <CmdBold

Error Message STP-2-LOOPGUARD_CONFIG_CHANGE: Loop guard [chars] on port [chars].

Explanation The spanning tree loopguard configuration for the listed interface has been changed. If enabled, the interface will be put into blocking state and marked as loopguard inconsistent when the message age timer expires because no BPDU were received from the designated bridge. This feature is mainly used to detect unidirectional links

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

Error Message STP-2-LOOPGUARD_UNBLOCK: Loop guard unblocking port [chars] on [chars].

Explanation The listed interface has received a BPDU and therefore if the inconsistency was due to an unidirectional link failure, now the problem is not there anymore. The loop guard inconsistency is cleared for the interface which is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-PVSTSIM_FAIL: Blocking [chars] port [chars]: Inconsistent [chars] PVST BPDU received on VLAN [dec], claiming root [chars]

Explanation When a MST switch is connected to a PVST+ switch, the CIST (MST00) information on the port of the MST switch must be consistently better than all the PVST+ messages if the port is designated or consistently worse than all the PVST+ messages if the port is root. If this constraint is not respected, the port on the MST switch is blocked in order to prevent a potential bridging loop

Recommended Action When STP is converging after a new switch, or switch port is added to the topology, this condition may happen transiently. The port unblocks automatically in such cases. If the port remains blocked, identify the root bridge as reported in the message, and configure a worse or better priority for the VLAN spanning tree consistent with the CIST role on the port of the MST switch. There could be more inconsistencies than the message indicates, and the port will not recover until all such inconsistencies are cleared. If you cannot determine which other VLANs have inconsistencies, disable and reenabte the port. This message will appear again and specify another VLAN with inconsistencies to be fixed. Repeat this process until all inconsistencies on all VLANs are cleared.

Error Message STP-2-PVSTSIM_OK: PVST Simulation inconsistency cleared on port [chars].

Explanation The listed interface is no longer receiving PVST BPDUs advertising an information inconsistent with the CIST port information. The PVST Simulation Inconsistency is cleared and the interface returns to normal operation

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-RANDNUM_FAIL: [chars]

Explanation There was a critical error during random number generation. [chars] indicates details of the error

Recommended Action No action is required.

Error Message STP-2-RECV_BAD_TLV: Received SSTP BPDU with bad TLV on [chars] [chars].

Explanation The list interface received a SSTP BPDU that was missing the VLAN id tag. The BPDU is discarded.

Recommended Action No action is required.

Error Message STP-2-RECV_PVID_ERR: Received BPDU with inconsistent peer vlan id [dec] on [chars] [chars].

Explanation The listed interface received a SSTP BPDU that is tagged with a VLAN id that does not match the VLAN id on which the BPDU was received. This occurs when the native VLAN is not consistently configured on both ends of a 802.1Q trunk.

Recommended Action Verify that the configuration of the native VLAN id is consistent on the interfaces on each end of the 802.1Q trunk connection. Once corrected, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-2-ROOTGUARD_BLOCK: Root guard blocking port [chars] on [chars].

Explanation A BPDU was received on the listed interface which advertizes a superior spanning tree root bridge to that currently in use. The interface is put into blocking state and marked as root guard inconsistent in order to prevent a suboptimal spanning tree topology to form.

Recommended Action Issue the <CmdBold

Error Message STP-2-ROOTGUARD_CONFIG_CHANGE: Root guard [chars] on port [chars].

Explanation The spanning tree root guard configuration for the listed interface has been changed. If enabled, any BPDU received on this interface which advertizes a superior spanning tree root bridge to that already in use will cause the interface to be put into blocking state and marked as root guard inconsistent.

Recommended Action Verify that this is the desired configuration for the listed interface. Correct it if this is not the desired configuration otherwise no further action is required.

Error Message STP-2-ROOTGUARD_UNBLOCK: Root guard unblocking port [chars] on [chars].

Explanation The listed interface is no longer receiving BPDUs advertizing a superior root bridge. The root guard inconsistency is cleared for the interface and then it is taken out of the blocking state if appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-SET_PORT_STATE_FAIL: Port state change req to PIXM failed, status = [hex] [[chars]] vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The port set port state has failed. check port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-SET_PORT_STATE_TIMEOUT: Port state change req to PIXM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars] state [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The port set port state has timedout. check port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-STP_INIT: STP initialization of [chars] [chars]

Explanation STP initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message STP-2-STP_ISSU_LC_RESET: STP resetting LC[dec] to prevent Loops during ISSU caused by a topology change in the network. Peer on [chars] [chars] could not be Disputed

Explanation This can happen as a result of a topology change in the network while the Linecard was undergoing ISSU. Since STP cannot change the port state to blocking on the Linecard undergoing ISSU, it will first try to prevent the Loop by causing a Dispute on the peer ports forcing them into blocking state. But if the peer does not support Dispute mechanism, and STP detects a potential Loop, it will reset the Linecard to prevent the Loop

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-UNBLOCK_CONSIST_PORT: Unblocking port [chars] on [chars]. Port consistency restored.

Explanation The Port VLAN ID and/or Port Type inconsistencies have been resolved and spanning tree will now unblock the listed interface of the listed spanning tree instance as appropriate.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-UNBLOCK_DETECTED_PVST_PEER: Unblocking port [chars] [PVST peer detected].

Explanation The listed interface has stopped receiving SSTP BPDUs and so will be restored to normal spanning tree state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-VLAN_PORT_LIMIT_EXCEEDED: The number of vlan-port instances exceeded [[chars] mode] recommended limit of [dec]

Explanation The total number of individual VLAN ports, in the spanning tree mode specified in the error message, has exceeded the limit specified in the error message. VLANs can be counted more than once; if VLAN 1 is carried on 10 interfaces, it will count as 10 VLAN ports. Note that bundling is ignored for purposes of this count; if 8 interfaces on the same module are in one bundle, and the port channel is carrying VLAN 1, it will count as 1 VLAN ports.

Recommended Action Reduce the number of trunks and VLANs configured in the switch. Keep the VLAN port count below the recommended limit specified in the configuration documentation. Enter the <CmdBold

Error Message STP-2-VPC_PEERSWITCH_CONFIG_DISABLED: vPC peer-switch configuration is disabled. Please make sure to change spanning tree bridge priority as per the recommended guidelines.

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree bridge priority as per the recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch recommended guidelines.

Error Message STP-2-VPC_PEERSWITCH_CONFIG_ENABLED: vPC peer-switch configuration is enabled. Please make sure to configure spanning tree bridge priority as per recommended guidelines to make vPC peer-switch operational.

Explanation The vPC peer-switch configuration has been changed. If enabled, please make sure to configure spanning tree bridge priority as per the recommended guidelines. If disabled, please make sure to change spanning tree bridge priority as per the recommended guidelines.

Recommended Action Verify that this is the desired configuration and follow the vPC peer-switch recommended guidelines.

Error Message STP-2-VPC_PEER_LINK_INCONSIST_BLOCK: vPC peer-link detected [chars] blocking [chars] [chars].

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the interface was moved to the spanning tree Blocking state

Recommended Action LOG_STD_NO_ACTION

Error Message STP-2-VPC_PEER_LINK_INCONSIST_ERRDISABLE: vPC Peer-link detected [chars]. Disabling [chars].

Explanation VPC Peer-link detected the STP inconsistency mentioned in the message. This will impact the STP topology for vPCs and can cause frame duplications. As a result, the vPC Peer-link was administratively shut down.

Recommended Action Please resolve the inconsistency reported in this message on the vPC Peer link. After the conflict has been resolved, re-enable the interface by entering the <CmdBold

Error Message STP-2-VPC_PEER_LINK_INCONSIST_UNBLOCK: vPC peer-link inconsistency cleared unblocking [chars] [chars].

Explanation VPC Peer-link inconsistency is cleared and the vPC interface listed in the message has been restored to normal spanning tree state.

Recommended Action LOG_STD_NO_ACTION

STP-3

Error Message STP-3-BLOCK_PORT_TYPE: Blocking [chars] on [chars]. Inconsistent port type.

Explanation The listed interface is being held in spanning tree blocking state until the port type inconsistency is resolved.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

Error Message STP-3-PORT_SELF_LOOPED: Received BPDU src mac same as that of port. Port self loopback detected. Port [chars] being disabled

Explanation The source MAC address contained in a BPDU received on the listed interface matches the MAC address assigned to that interface. This indicates the possibility that a port is looped back to itself, possibly due to a diagnostic cable being plugged in. The interface will be administratively shutdown.

Recommended Action Check the interface configuration and any cable plugged into the interface. Once problem resolved, re-enable interface by doing a no shutdown in the interface configuration. Copy the error message as it is printed and also copy the output of a show interface for the interface listed in the error message.

Error Message STP-3-RECV_1Q_NON_TRUNK: Received 802.1Q BPDU on non trunk [chars] [chars].

Explanation A SSTP BPDU was received on the listed interface that was not operationally a trunk.

Recommended Action Verify that the configuration and operational state of the listed interface and that of the interface to which it is connected have the same mode (access vs trunk). If mode is trunk, verify the same encapsulation (none, ISL, 802.1Q). Once these parameters are consistent, spanning tree will automatically unblock the interfaces as appropriate.

STP-4

Error Message STP-4-FORWARDTIME_CONFIG_CHANGE: Forward Delay time change to [dec] seconds for instance [chars] is not recommended as it can cause STP data loops during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade

Explanation It is strongly recommended to avoid changing forward delay time value to less than the default value of 15 seconds since it can cause STP data loops during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the forward delay time to be greater than or equal to the default value of 15 seconds

Error Message STP-4-HELLOTIME_CONFIG_CHANGE: Hello time change to [dec] seconds for instance [chars] is not recommended as it can trigger STP Topology Changes during High Availability Dual-Supervisor Switchover and In-Service Software Upgrade

Explanation It is strongly recommended to avoid changing Hello time value to less than the default value of 2 seconds since it can trigger STP Topology change during High Availability Dual-Supervisor Switchover and also during In-Service Software Upgrade. Please read the release notes.

Recommended Action Please change the hello time to be greater than or equal to the default value of 2 seconds.

Error Message STP-4-MAC_ADDR_FLUSH_REQ_TIMEOUT: MAC Address Flush req to L2FM timedout after [dec] sec. vdc [dec], tree id [dec], num ports [dec], ports [chars], opcode [chars], msg id ([dec]), rr_token [hex]

Explanation The MAC Address Flush Request to L2FM has timedout. check port

Recommended Action LOG_STD_NO_ACTION

STP-6

Error Message STP-6-FIRST_BPDU_TX: First BPDU transmitted

Explanation First BPDU transmitted.

Recommended Action No action is required.

Error Message STP-6-MST_DIGEST: MST digest changed to [chars], pre-std digest changed to [chars]

Explanation MST Region configuration has changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-MST_PORT_BOUNDARY: Port [chars] [chars] as MST Boundary port

Explanation MST Boundary port status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-MST_PORT_PRE_STANDARD: Port [chars] [chars] as MST Pre-standard port.

Explanation MST pre-standard status of the specified port is changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_ADDED: Interface [chars], added to [chars] with role [chars], state [chars], cost [dec], priority [dec], link-type [chars]

Explanation This spanning tree port has been added

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_COST: Port [chars] instance [chars] cost changed to [dec]

Explanation The spanning tree port cost has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_DELETED: Interface [chars], removed from [chars]

Explanation This spanning tree port has been deleted

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_LINK_TYPE: Port [chars] instance [chars] link changed to [chars]

Explanation The spanning tree port link type has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_PRIORITY: Port [chars] instance [chars] priority changed to [dec]

Explanation The spanning tree port priority has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_RANGE_ADDED: Interface [chars] added to [chars] with cost [dec], priority [dec], link-type [chars]

Explanation This spanning tree port has been added

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_RANGE_DELETED: Interface [chars] removed from [chars]

Explanation This range spanning tree logical ports has been deleted

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_RANGE_ROLE: new_role=[chars] interface=[chars] [chars]

Explanation The role of the range of spanning tree logical ports has changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_RANGE_STATE: new_state=[chars] interface=[chars] [chars]

Explanation The range of Spanning-Tree logical ports have changed state.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_ROLE: Port [chars] instance [chars] role changed to [chars]

Explanation The spanning tree port role has changed for the specified port

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PORT_STATE: Port [chars] instance [chars] moving from [chars] to [chars]

Explanation The Spanning-Tree port has changed state.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-PRESTD_NEIGH: This switch has received a pre-standard MST BPDU on port [chars]: Invoking pre-standard MST BPDU transmission on this port.

Explanation The switch has received a pre-standard MST BPDU on a port. The switch will automatically adjust its mode of operation on this port and will start sending pre-standard BPDUs.

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-ROOT: Root bridge for [chars] changed to [chars]

Explanation The spanning tree root bridge has changed

Recommended Action LOG_STD_NO_ACTION

Error Message STP-6-SERVICE_UP: Initialized [chars]

Explanation STP line 2.

Recommended Action No action is required.

Error Message STP-6-STATE_CREATED: Internal state created [chars]

Explanation STP has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

SVC_BATTERY Messages

This section contains the SVC_BATTERY messages.

SVC_BATTERY-SLOT#-2

Error Message SVC_BATTERY-SLOT#-2-BATTERY_NOT_OPERATIONAL: Battery [dec] temperature [dec] C is outside the operational range (-10C to 65C).

Explanation The battery temperature is outside the operational range (-10C to 65C).

Recommended Action Verify fan operation with [show environment fan], and take action to cool down the switch.

Error Message SVC_BATTERY-SLOT#-2-BATTERY_NOT_PRESENT: Battery [dec] is not present.

Explanation The line card does not have sufficient number of batteries. Two batteries are needed.

Recommended Action Remove the line card and plug in batteries in the battery slots that are empty.

Error Message SVC_BATTERY-SLOT#-2-CHARGING_DISABLED: Temperature outside permitted range for battery charging (5C-40C).

Explanation The temperature of the linecard is not within the range to permit battery charging.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-2-CHARGING_FAILURE: Charging failure in battery [dec] ([hex]).

Explanation The module encountered failures while charging a battery.

Recommended Action Replace the battery.

Error Message SVC_BATTERY-SLOT#-2-CLOCK_INCORRECT: System clock is running behind, battery conditioning will be affected.

Explanation The Vegas system clock is running behind the actual time. This will affect the battery conditioning.

Recommended Action Use clock set CLI command to set the correct time

Error Message SVC_BATTERY-SLOT#-2-COMMUNICATION_FAILURE: Communication failure with battery [dec].

Explanation The module encountered failures while communicating with a battery.

Recommended Action Replace the battery.

Error Message SVC_BATTERY-SLOT#-2-CONDITIONING_DISABLED: Temperature outside permitted range for battery conditioning (5C-40C).

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-2-DISCHARGING_FAILURE: Discharging failure in battery [dec] ([hex]).

Explanation The module encountered failures while discharging a battery.

Recommended Action Replace the battery.

SVC_BATTERY-SLOT#-4

Error Message SVC_BATTERY-SLOT#-4-BATTERY_CAPACITY_LOW: Battery capacity is below the required threshold.

Explanation The battery is lower than the required threshold.

Recommended Action Make sure the temperature is within the range to allow charging.

SVC_BATTERY-SLOT#-6

Error Message SVC_BATTERY-SLOT#-6-BATTERY_CAPACITY_OK: Battery capacity is above the required threshold.

Explanation The battery is above the required threshold.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_CANCELLED: Temperature outside permitted range for battery conditioning (5C-40C). Battery [dec] conditioning cancelled.

Explanation The temperature of the linecard is not within the range to permit battery conditioning.

Recommended Action Make sure the temperature of the linecard is between 5C and 40C

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_COMPLETED: Conditioning of battery [dec] completed successfully.

Explanation Conditioning process started for a battery is completed successfully.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_RESUMED: Conditioning of battery [dec] resumed.

Explanation Conditioning process for a battery is resumed.

Recommended Action No action is required.

Error Message SVC_BATTERY-SLOT#-6-CONDITIONING_STARTED: Conditioning of battery [dec] started.

Explanation Conditioning process started for a battery

Recommended Action No action is required.

SVC Messages

This section contains the SVC messages.

SVC-0

Error Message SVC-0-NODE_EMERG_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-1

Error Message SVC-1-NODE_ALERT_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SVC-2

Error Message SVC-2-NODE_CRIT_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-2-SVC_SYSLOG_INIT_FAILED: Initialization failed for SVC: [chars], Reason: [hex]

Explanation Initialization failed for SVC

Recommended Action No action is required.

Error Message SVC-2-SVC_SYSLOG_NO_PORT_CHAN: Too many PortChannels allocated by user for interface [chars]

Explanation SVC interface needs PortChannels to operate. Too many PortChannels have been allocated by the user for the interface to operate correctly.

Recommended Action Please delete unneeded user configured PortChannels and shutdown the SVC interface. Once complete, please bring the SVC interface back up.

Error Message SVC-2-SVC_SYSLOG_PATH_FAILURE: System health detected SVC packet path failure for [chars].

Explanation The CSM has been brought down by the System Health monitor. System Health has detected a failure in the packet path between the SVC interface on the CSM and the backplane. This System Health test is run periodically.

Recommended Action Issue a "no shutdown" on the SVC interface to bring the node back online. If a subsequent packet path failure occurs, the CSM module should be replaced.

Error Message SVC-2-SVC_SYSLOG_URIFS_FAILURE: [chars] is unreachable for reason: [chars]

Explanation SVC interface modflash is not accessible. Modflash is the name of the filesystem local to the SVC interface, and is typically used for coredumps and temporary file transfers.

Recommended Action Please shutdown and bring up the SVC interface in question to regain access to the modflash filesystem.

SVC-3

Error Message SVC-3-NODE_ERR_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_ACTIVATE_CLUSTER_IP_FAILED) Activate cluster IP failed [chars]

Explanation Unable to activate the cluster IP for the config node. It will not be possible to execute configuration commands.

Recommended Action 1. Shutting the interfaces of the node will force this node out of the cluster and cause another node to become the config node, which should restore the ability to execute configuration commands. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_FAILURE) Battery Failed [chars]

Explanation The battery module on the Caching Services Module has failed. The nodes on the CSM will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DISK_FAILURE)
Internal Disk Drive Failed [chars]

Explanation The internal disk drive for the node on the Caching Services Module has failed. The node will have shutdown. Other log entries may accompany this error.

Recommended Action Reload the Caching Services Module. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_DUMP_RESTORE_FAILED) Restore of hardened data failed [chars]

Explanation Restore of customer data failed. This error will be accompanied by other log entries.

Recommended Action Examine the log for other error entries and follow the actions recommended. If no other entries are found: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_INVALID_BATT_CAPACITY) Get battery capacity failed [chars]

Explanation The process was unable to get the battery capacity. Possibly due to communication failures with the CPP processor in the line card. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_OPEN_COMMITTED_FILE_FAILED) Error attempting to open file [chars]

Explanation Process was unable to open the committed file. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_SET_BATT_THRESHOLD_FAILED) Set battery threshold failed [chars]

Explanation The process was unable to set the battery threshold. Possibly due to fatal communication failures with the power management module in the line card or the power management module has crashed. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_NODE_DISENFRANCHISED) Node missing [chars]

Explanation A node is missing from the cluster.

Recommended Action 1. If it is not obvious which node in the cluster has failed, check the status of the nodes and find the node with a status of offline. 2. Repair the failing node. 3. When the repair has been completed, this error will automatically be marked as fixed. 4. Check the node status. If all the nodes in the cluster are now online, but the error in the log has not been marked as fixed, manually mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_CLUSTER_PATH_FAILURE) Cluster path failure [chars]

Explanation A cluster path has failed. The node is unable communicate with all the other nodes in the cluster.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the node port. If the status of the port shows as online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_CPU_QUANTITY) Processor change detected [chars]

Explanation The Caching Services Module is failing.

Recommended Action 1. Replace the Caching Services Module. 2. Check node status. If all nodes show a status of online, mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_DISK_FULL) Node hard disk full [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Delete files from the /dumps directory. 3. Run a configuration dump and a logged data dump. Save the dump data. 4. Ask IBM Product Support for assistance. 5. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_FAIL)
Logical Fibre Channel port reported failed [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_ADAP_QUANTITY)
Logical Fibre Channel port missing [chars]

Explanation No active/functioning FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_FC_PORT_QUANTITY)
Logical Fibre Channel port reported not operational [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_NODE_WARMSTART)
Node warmstarted due to software error [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_POWER_DOMAIN)
Power domain error [chars]

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MDISK_GROUP_OFFLINE)
A Managed Disk group is offline [chars]

Explanation An Mdisk group is offline.

Recommended Action 1. Repair the enclosure or disk controller. 2. Start a cluster discovery operation. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VG_ER_MED_ERRS_TOO_HIGH) Media errors on back-end Managed Disk [chars]

Explanation Media errors on backend managed disk.

Recommended Action 1. Repair the enclosure or disk controller. 2. Include the managed disk into the cluster. 3. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_BASE_EVENT_RESOURCE_RAN_OUT) Software error [chars]

Explanation The error that is logged in the cluster error log indicates a software problem in the cluster.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CONTROLLER_CONFIG_INVALID) Incorrect controller configuration [chars]

Explanation Incorrect disk controller configuration.

Recommended Action 1. Using service documentation for the disk controller, check that the correct configuration is set up for the disk controller. See also the IBM TotalStorage SAN Volume Controller for Cisco MDS 9000: Configuration Guide. 2. Mark the error you have just repaired as fixed. 3. Start a cluster discovery operation.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_PORT_LOGIN_LOSS) Number of controller logins reduced [chars]

Explanation The number of controller logins has been reduced. One possible cause is that the user intentionally reconfigured the system.

Recommended Action 1. Check whether the controller has regained connectivity. If it has not, check the cable connection to the remote-device port. 2. If all logins to a remote-device port have failed and you cannot solve the problem by changing cables, check the condition of the remote-device port and the condition of the remote device. 3. Start a cluster discovery operation. 4. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_DEVICE_RESOURCE_RAN_OUT) Too many controllers were presented to the cluster [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERP) Error Recovery Procedure occurred [chars]

Explanation A managed disk error recovery procedure (ERP) has occurred. This error has been reported because a large number of disk error recovery procedures have been performed by the disk controller. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. View the error log entry and determine the managed disk that was being accessed when the problem was detected. (Note that the sense data from the disk controller is recorded in the cluster error log and can be accessed there. This data is not available in the switch system log.) 2. Perform the disk controller problem determination and repair procedures for the mdisk determined in step 1. 3. Perform fibre channel switch problem determination and repair procedures for the fibre channel switches containing the node, and connected to the disk controller that is managing the mdisk, and any fibre channel switches in the fibre channel path between those switches. 4. If any problems are found and resolved in steps 2 and 3, mark this error as fixed. 5. If no switch or disk controller failures were found in steps 2 and 3, take an error log dump. Call your hardware support center.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_ERROR) Managed Disk I/O error [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD) Managed Disk error count threshold exceeded [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If any managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_TIMEOUT_OVERALL) Timeout due to excessive processing time [chars]

Explanation A managed disk has timed out. This error has been reported because a large number of disk timeout conditions have been detected. The problem is probably caused by a failure of some other component on the SAN.

Recommended Action 1. Repair problems on all disk controllers and switches on the same SAN as this cluster. 2. If problems are found, mark this error as fixed. 3. If no switch or disk controller failures can be found, take an error log dump and call your hardware support center.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOCAL_PORT_EXCLUDED) Local FC port excluded [chars]

Explanation A local fibre-channel port has been excluded.

Recommended Action 1. Repair the fibre-channel network fabric. 2. Check the status of the disk controller. If all disk controllers 3. show good status, mark the error you have just repaired fixed. 4. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LOGIN_EXCLUDED) Login excluded [chars]

Explanation Login has been excluded.

Recommended Action 1. In the sequence shown, exchange the FRUs for new FRUs: Fibre Channel cable, switch to remote port. 2. Start a cluster discovery operation to recover the login. 3. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 4. If the error persists and no other cause can be determined, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LUN_RESOURCE_RAN_OUT) Too many LUNs were presented to a node [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_ACCESS_INVALID) Access beyond end of disk, or Managed Disk missing [chars]

Explanation The error that is logged in the cluster error log indicates a software problem either in the cluster, or in a disk enclosure or disk controller that is connected to the node.

Recommended Action 1. Ensure that the software is at the latest level on the cluster and on the disk controllers. 2. Run a configuration dump and a logged data dump. Save the dump data. 3. Ask IBM Product Support for assistance. 4. Mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_DEVICE_PORT_EXCLUDED) Remote Port excluded for a specific Managed Disk and Node [chars]

Explanation A remote fibre-channel port has been excluded.

Recommended Action 1. View the error log. Note the mdisk ID associated with the error code. 2. Using the mdisk ID, determine the failing disk controller. 3. Refer to the service documentation for the disk enclosure or disk controller and the fibre-channel network fabric to resolve the reported problem. 4. Start a cluster discovery operation to recover the excluded fibre-channel port. 5. Include the managed disk that you noted in step 1. 6. Check the status of the disk controller. If all disk controllers show a good status, mark the error you have just repaired fixed. 7. If all disk controllers do not show a good status, contact the IBM support center to resolve the problem with the disk controller.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_EXCLUDED) Managed Disk excluded due to excessive errors, or all device ports excluded [chars]

Explanation A managed disk or managed disk controller port has been excluded because of excessive errors or unusual behavior.

Recommended Action 1. Repair the enclosure or disk controller. 2. Check the managed disk status. If any managed disks show a status of online, mark the error you have just repaired as fixed. If all managed disks show a status of excluded, included the managed disks and then mark the error as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_INITIALISE_INVALID) Invalid blocksize, capacity or LUN identity has changed during Managed Disk initialisation [chars]

Explanation Access beyond end of disk. The initialization of the managed disk has failed.

Recommended Action 1. Check the status of the managed disk and of the managed-disk group. 2. Include the managed disk into the cluster. 3. Check the managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed. 4. If not all managed disks show a status of online, check the status of the disk controller.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_RESOURCE_RAN_OUT) Too many Managed Disks were presented to the cluster [chars]

Explanation The configuration is not valid. Too many devices have been presented to the cluster or node.

Recommended Action 1. Remove unwanted devices from the fibre-channel network fabric. 2. Start a cluster discovery operation to find devices. 3. List all connected managed disks. Check with the customer that the configuration is as expected. Mark the error you have just repaired fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_QUORUM_DISK_CREATION_FAILURE) A suitable Managed Disk for use as a Quorum Disk was not found [chars]

Explanation No Mdisk is suitable for use as a quorum disk. When a cluster is created three disks are automatically selected as quorum disks. A quorum disk is needed to enable a tie-break when some cluster members are missing. To become a quorum disk: The Mdisk must be accessible by all nodes in the cluster and the Mdisk must have free extents. This error code is produced when at least one quorum disk is not accessible by all nodes in the cluster. A quorum disk might not be available because of a fibre-channel network failure or because of a fibre-channel switch zoning problem.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Ask the customer to confirm that Mdisks have been created and that those mdisks have free extents. 3. List the managed disks. If at least one managed disk shows a mode of managed, mark the error you have just repaired as fixed. 4. If the customer is unable to make the appropriate changes, ask IBM Software Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_QUORUM_DISK_NOT_AVAILABLE) Quorum Disk not available [chars]

Explanation One or more quorum disks were not discovered by the node.

Recommended Action 1. Resolve any known fibre-channel network problems. 2. Check managed disk status. If any managed disks are offline or excluded perform the disk controller problem determination and repair procedures for the managed disks. 3. Start a cluster discovery operation. 4. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ALL_SSH_KEYS_REMOVED) Attempt to delete SSH keys (no effect) [chars]

Explanation svctaskrmallsshkeys'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeControllerforCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATEPARTNERSHIP) Remote Copy partnership created [chars]

Explanation svctaskmkpartnership'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEPARTNERSHIP) Remote Copy partnership deleted [chars]

Explanation svctaskrmpartnership'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYPARTNERSHIP) Remote Copy partnership modified [chars]

Explanation svctaskchpartnership'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_ADDED) Attempt to add SSH key (no effect) [chars]

Explanation

svctaskaddsshkey'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeControllerforCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_ERR_CFG_SSH_KEY_REMOVED) Attempt to delete SSH key (no effect) [chars]

Explanation

svctaskrmsshkey'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeControllerforCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_CR_START) Cluster recovery required [chars]

Explanation The node has detected that cluster recovery is required and is waiting for human intervention to continue.

Recommended Action Contact IBM Product support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_CORRUPT) Node data corrupted - node rejected from cluster [chars]

Explanation Node data is readable but corrupted. The node has been rejected from the cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_DATA_UNREADABLE)
Node data unreadable - node rejected from cluster [chars]

Explanation Node data could not be read. The node has been rejected from the the from cluster.

Recommended Action 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_HDW_CONFIG)
Processor not valid [chars]

Explanation The node has detected unexpected differences in the processor vital data.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MEM_SIZE) Memory
size error [chars]

Explanation The detected memory size does not match the expected memory size for the cluster.

Recommended Action A memory module on the Cisco MDS 9000 Caching Services Module is probably faulty. Reload the node. If the error persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_MISSING_RES) Unable
to form a cluster due to lack of cluster resources [chars]

Explanation The node is unable to locate sufficient other nodes in the cluster and/or the quorum disk controller needed in order to form a cluster.

Recommended Action Check the status of the quorum disk controller and the other nodes in the cluster. If the quorum disk has failed, perform the problem determination procedures for the disk controller. Otherwise perform problem determination on the missing nodes and network.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_NO_FABRIC) The node
is unable to see the FC fabric [chars]

Explanation No active/functioning logical FC port was detected by the software.

Recommended Action Reload the node. If the problem persists, replace the Caching Services Module.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_PWR_DMN_ERR) Power domain error [chars]

Explanation The two nodes in an IO group are on the same Caching Services Module.

Recommended Action Determine if both nodes on the Caching Services Module are in fact in the same IO group. If so, determine what the configuration should be. Remove one of the nodes and add a node to the IO group which is not on the same Caching Services Module. If not, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_REPEATED_ASSERTS) Node repeatedly crashing due to a software fault [chars]

Explanation The number of software faults has exceeded the maximum allowed for the time period.

Recommended Action 1. Delete the node from the cluster. 2. Try to add the node back into the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-3-NODE_ERR_MSG: (SVC [dec]/[dec] SS_NODERR_RESET_AND_REJECT) Node data not found - node rejected from cluster [chars]

Explanation Node data was not found. The node has been rejected from the the from cluster.

Recommended Action Examine error logs to determine if another recorded error caused the loss of the node data and, if so, follow the actions for that error. If no other error was recorded, the node may have lost power without saving data or been reset. Attempt to determine the cause of the power loss or reset. If no cause can be determined, then: 1. Re-install the code on the node. The node will have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-3-SVC_SYSLOG_IF_INTERNAL_ERROR: Interface [chars] internal error: [chars]

Explanation SVC interface internal error

Recommended Action No action is required.

Error Message SVC-3-SVC_SYSLOG_LC_INTERNAL_ERROR: Unable to send MTS to linecard in slot [dec]: [chars]

Explanation Linecard MTS failure

Recommended Action No action is required.

Error Message SVC-3-SVC_SYSLOG_NPORT_INTERNAL_ERROR: [chars] N-port for Interface [chars], vsan [dec] internal error: [chars]

Explanation N-port internal error

Recommended Action No action is required.

SVC-4

Error Message SVC-4-NODE_WARNING_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_FIRST_DATA_PINNED) Customer data pinned [chars]

Explanation There is now pinned customer data. This warning is given when data is pinned and there wasntalreadypinneddata.Errorlogentrieswillexistfortheunderlyingcauseofthepinneddata.'

Recommended Action Perform problem determination on the error log to determine the cause of the pinned data and correct.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_HWS_TO_SYNCHRONOUS) Cache in write through mode due to pinned data [chars]

Explanation The cache must now operate in write through mode because of the amount of pinned data.

Recommended Action Perform problem determination on the error log to determine the cause of the pinned data and correct.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_BELOW_CAPACITY) Battery is below threshold capacity [chars]

Explanation Battery capacity is below threshold. The node will remain offline until the battery charge is sufficient to come up.

Recommended Action Wait for the battery to recharge. This may take many hours. If after several hours have passed and the node has not yet come up: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_CANNOT_OPEN_IO_PROCESS_Q) Internal error - IO process queue [chars]

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DEACTIVATE_CLUSTER_IP_FAILED) Deactivate cluster IP failed [chars]

Explanation Unable to deactivate the cluster IP for the config node. The cluster IP should be deactivated by other checks. If that is not the case it may not be possible to execute configuration commands.

Recommended Action If there is a problem executing configuration commands: 1. Shutting the interfaces of the node will force this node out of the cluster and should cause the switch to deactivate the IP address associated with this node which should restore the ability to execute configuration commands. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_DUMP_METADATA_FAILED) Node assert dump failed [chars]

Explanation A failure occurred writing out a node assert dump. Other log entries may accompany this error.

Recommended Action An initial error will have caused the node assert dump. Examine the log for that error and follow the recommended actions for that error. In addition examine the log for errors related to the internal disk drive. If found, follow the recommended actions. If no entries explain the failure to write the dump: 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance. It may be necessary to replace the Caching Services Module.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_EXECVE_FAILED) Internal error - program launch [chars]

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_FORK_FAILED)
Internal error - fork failed [chars]

Explanation The process was unable to launch the IO program. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_INTERNAL_EXIT_LOGIC_ERR) Internal error - bad exit code [chars]

Explanation Node was warmstarted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_INTERNAL_UNKNOWN_EXEC_MODE) Internal error - run mode [chars]

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_IOP_EXITED_DUE_TO_SIGNAL) Internal error - signal caused exit
[chars]

Explanation The IO process exited because of a signal which was not caught. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_EC_ER_IOP_STOPPED_DUE_TO_SIGNAL) Internal error - signal caused stop
[chars]

Explanation The IO process stopped because of a signal received. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_IOP_TERMINATED_ABnormally) Internal error - abnormal exit [chars]

Explanation The IO process exited abnormally. Node was warmstarted due to this error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_OPEN_MSG_QUEUE_FAILED) Internal error - message queue [chars]

Explanation The process was unable to open the needed message queue. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_PTHREAD_CREATE_FAILED) Internal error - threads [chars]

Explanation The process was unable to create the needed threads. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_UNKNOWN_MESSAGE_TYPE) Internal error - message type [chars]

Explanation Node was rebooted due to internal logic error.

Recommended Action 1. Ensure that the software is at the latest level on the cluster. 2. Ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WAITPID_FAILED) Internal error - waitpid failed [chars]

Explanation The process was unable to launch the IO program properly. Node was warmstarted due to this error.

Recommended Action If this error is repeated continuously, 1. Reload the node. 2. If the error persists, re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 3. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 2 with the latest level of code. 4. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_WARMSTART_MEMORY_FAILED) Internal error - warmstart memory device [chars]

Explanation The process was unable to warmstart the memory device. Node was rebooted due to this error.

Recommended Action If this error is repeated continuously, 1. Re-install the code on the node. The node will then have to be removed and re-added back to the cluster. 2. Ensure that the software is at the latest level on the cluster. If not, upgrade the cluster and if necessary repeat step 1 with the latest level of code. 3. If the error continues, ask IBM Product Support for assistance.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_MAPPING_STOPPED) FlashCopy has been stopped [chars]

Explanation A Flash Copy mapping task has been stopped because of an error. A stopped flash copy may affect the status of other VDisks in the same I/O group. Preparing the stopped flash copies as soon as possible is advised.

Recommended Action 1. Correct higher priority errors. Then, ask the customer to prepare and start the Flash Copy task again. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_FAILED) FlashCopy prepare failed due to cache flush failure [chars]

Explanation A Flash Copy prepare task has failed because a cache flush has failed.

Recommended Action 1. Correct higher priority errors, then retry the prepare tasks. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_STOP_COMPLETED) Flash Copy Stopped [chars]

Explanation The Flash Copy mapping or consistency group has entered the STOPPED state as a result of a user request to stop.

Recommended Action None

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_ER_DIRECTORY_LIST_FAILED) Failed to obtain directory listing from remote node [chars]

Explanation An attempt to clean or retrieve files from /dumps directory has failed because of a failure to get listing of the directory from the remote node.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_ER_FEATURISATION_VIOLATION) Featurisation violation [chars]

Explanation The user has allocated more virtualized storage than licensed for or established a Flash Copy mapping or Remote Copy relationship when these have not been licensed.

Recommended Action Look in the featurisation log for log entries of type Error'todeterminethetypeofviolation.Theuserthenshouldtheneitherreducevirtualizedstorage,remove theFlashCopymappingorRemoteCopyrelationship,soastobeincompliancewiththeirlicense;orupdatethe licenseinformationifthat isincorrect;orarrangewiththeirIBMrepresentativetopurchasealicenseforthedesiredfeatures.'

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_ER_TRANSFER_FILE_FAILED) Failed to transfer file from remote node [chars]

Explanation An attempt to retrieve a file from /dumps directory has failed.

Recommended Action Determine if the remote node is still online. If not, perform problem determination on the remote node. If it is, retry the command. If it still fails contact the IBM Support Center for assistance. Cisco CLI commands may be used to access the node directly as an alternative.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_NONE_OK) Both nodes in the IO group are not available [chars]

Explanation Following node remove by the user, there are no nodes left in the IO group.

Recommended Action None

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_IC_EV_UPGRADE_NODE_PENDED) Software upgrade process failed [chars]

Explanation A software upgrade has failed. This might be because of a hardware error or it might be because of a failure in the new version of the software. An automatic software downgrade is performed to restore the nodes to their previous software version. This will be indicated in the log by a Softwaredowngradecomplete'entry.Ifthedowngradeoperationfailstodowngradeanode,forexamplebecauseitisoffline,thedownloadoperationwillstopandwaitfortheofflineSANVolumeControllertoberepairedordeletedfromthecluster.Whilethedowngradeoperationisinprogress,configurationcommandssenttotheclusterwillfailwithamessageindicatingthatasoftwareupgradeoperationisstillinprogress.The downgradeoperationmighttakeuptothreehours.'

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, delete the offline node from the cluster. If the delete fails with a message indicating that a software upgrade is in progress, this means that the downgrade process is still active. Wait for this operation to either complete or stop on the offline node and then retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve all logged hardware problems 4. Ask the user to retry the software install. 5. If the installation fails again, report the problem to your software support center. 6. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_UPGRADE_PCK_DELIVERY_FAILED) Software install package cannot be delivered to all nodes [chars]

Explanation An error occurred while sending the software package to the nodes.

Recommended Action 1. Display the status of the nodes on the cluster. 2. If any node is offline, perform problem determination on the node and bring the node back online. Or, alternatively, delete the offline node from the cluster. 3. Retry the software retry the delete. If the downgrade operation had stopped, it will now continue. 3. Solve upgrade command. 4. If the installation fails again, report the problem to your software support center.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_PLIC_LINK) Connection to a configured remote cluster has been lost [chars]

Explanation This cluster is no longer able to communicate with the remote copy partner cluster.

Recommended Action Perform problem determination on the network and the other cluster.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_LSYNC) Remote Copy suffered loss of synchronization [chars]

Explanation In a remote-copy operation, the relationship has stopped and lost synchronization, for a reason other than a continuous I/O error.

Recommended Action 1. Correct higher priority errors, then restart the remote copy. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_PERS) Remote Copy suffered persistent error [chars]

Explanation A Remote Copy relationship has been stopped because of a continuous I/O error.

Recommended Action 1. Correct the higher priority errors, then retry the Remote Copy task. 2. Mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_TIMEOUT) Remote Copy retry timeout [chars]

Explanation Remote Copy was unable to find a path to the device in the remote cluster within the timeout period.

Recommended Action Perform problem determination on the network and remote cluster: Ensure that all nodes in both clusters are configured in the inter-cluster SAN or VSAN. Ensure that all virtual disks in the remote cluster are online.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_COPIED_MEDIUM_ERROR) I/O media error copied [chars]

Explanation During a copy or a migrate process a media error was copied to the destination disk.

Recommended Action None

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_INSUFFICIENT_VIRTUAL_EXTENTS) Insufficient extents to create
Virtual Disk [chars]

Explanation There are not enough extents contained within the managed disk group to create the required virtual disk. This error can be logged if a migration is started and then a virtual disk is created which uses the extents that were to be used for the migration.

Recommended Action Add additional managed disks to the managed disk group or reduce the size of virtual disk to be created.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_MIGRATE_STOPPED) Migration stopped [chars]

Explanation The specific migration has been stopped due to errors occurring during migration, these errors have been logged.

Recommended Action Analyze the error log. Perform problem determination and correct any errors which have occurred. Migrate any specific extents which were not migrated due to the errors.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VG_ER_MIGRATE_SUSPENDED) Migration suspended [chars]

Explanation Migration suspended.

Recommended Action 1. Ensure that all error codes of a higher priority have already been fixed. 2. Ask the customer to ensure that all mdisk groups that are the destination of suspended migrate operations have free extents available. 3. Mark this error as fixed. This will cause the migrate operation to be restarted. If the restart fails a new error will be logged.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec]
SS_EID_VL_ER_IO_MEDIUM_ERROR) A media error has occurred during I/O to a Managed
Disk [chars]

Explanation A disk I/O medium error has occurred.

Recommended Action 1. Ask the customer to rewrite the bad data to the block LBA reported in the host systems SCSI sense data. Note: If this error has occurred during a migration, the host system will notice the error until the target device is accessed. 2. Check managed disk status. If all managed disks show a status of online, mark the error you have just repaired as fixed.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_IO_THRESHOLD_WARNING) Managed Disk error count warning threshold met [chars]

Explanation IOs to the managed disk have experienced sufficient errors to generate this warning. If the managed disk continues to experience IO errors, the managed disk may be excluded.

Recommended Action Perform problem determination on the affected managed disk.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_LUN_DISCOVERY_FAILED) Discovery of LUN failed [chars]

Explanation The cluster has a connection to the device on the SAN through this node, but the device has not responded to the node in a manner consistent with a functional device LUN.

Recommended Action If there are device LUNs that should have been discovered by the node: 1) Perform a manual discovery. 2) Perform problem determination on the device.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_MDISK_PORT_PREFERENCE_IGNORED) Preferred port is not being used for Managed Disk access [chars]

Explanation The preferred port designated by the back end controller is not being used for Managed Disk access. A port error or excluded port has prevented the use of the preferred port.

Recommended Action Perform problem determination on the controller and network to determine the cause of the port error or exclusion.

Error Message SVC-4-NODE_WARNING_MSG: (SVC [dec]/[dec] SS_NODERR_CR_FAILED) Cluster recovery failed [chars]

Explanation Cluster recovery has failed and a software dump has been created.

Recommended Action Contact IBM Product support for assistance.

Error Message SVC-4-SVC_SYSLOG_IF_INTERNAL_WARN: Interface [chars] internal warning: [chars]

Explanation SVC interface internal warning

Recommended Action No action is required.

Error Message SVC-4-SVC_SYSLOG_NPORT_INTERNAL_WARN: [chars] N-port for Interface [chars], vsan [dec] internal warning: [chars]

Explanation SVC interface internal warning

Recommended Action No action is required.

SVC-5

Error Message SVC-5-NODE_NOTICE_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_CONFIG_DELETED: Interface [chars] configuration was deleted[chars]

Explanation SVC interface configuration was deleted

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_DOWN: Interface [chars] is down

Explanation SVC interface is down

Recommended Action No action is required.

Error Message SVC-5-SVC_SYSLOG_IF_UP: Interface [chars] is up

Explanation SVC interface is up

Recommended Action No action is required.

SVC-6

Error Message SVC-6-NODE_INFO_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_ALL_DATA_UNPINNED) All data now unpinned [chars]

Explanation All the customer data in the IO group is now unpinned.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_CA_EV_HWS_TO_ASYNCHRONOUS) Pinned data reduced; cache can operate normally [chars]

Explanation Enough customer data has been unpinned that the cache is no longer required to operate in write through mode because of the pinned data. (Note that the cache may still operate in write through mode for other reasons.)

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_OK) Battery recharged [chars]

Explanation Battery capacity has been restored to above threshold. The node will now come online.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_BATT_POWER_DOWN) Poweroff or power failure detected [chars]

Explanation The process has received a poweroff or power failure indication. The node is shutting down.

Recommended Action Restore power. If power was not removed and this occurs: 1. Reload the node. 2. If the error persists, re-install the code on the line card. The node(s) will then have to be removed and re-added back to the cluster. 3. If the error persists, replace the Caching Services Module.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_EC_ER_PWR_BUTTON) Power withdrawn [chars]

Explanation Node software was notified that AC power was being shut off or the Caching Services Module was being reset.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_COPY_COMPLETED) Flash Copy Copied [chars]

Explanation The Flash Copy mapping or consistency group has entered the IDLE_COPIED state. The target disk now contains a complete copy and is no longer dependent on the source.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_FC_ER_PREPARE_COMPLETED) Flash Copy Prepared [chars]

Explanation The Flash Copy mapping or consistency group has entered the PREPARED state. It is now possible to Start or Stop the mapping/group.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_CLUSTER_RECOVERY_COMPLETE) Cluster recovery completed [chars]

Explanation Cluster recovery has completed successfully.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_IOGRP_ONE_OK) One node in the IO group is not available [chars]

Explanation Following node remove by the user, there is only one node left in the IO group.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_IC_EV_SECURE_DELETE_COMPLETE) Virtual Disk format completed [chars]

Explanation The formatting (writing all zeros) to new extents of the Virtual Disk has completed.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_PL_ER_COLDSTART) Node software started [chars]

Explanation The node software has been started (cold start).

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_COPY_COMP) Remote Copy complete [chars]

Explanation Background copy complete. The standalone relationship or consistency group has transitioned from InconsistentCopying'to'ConsistentSynchronized'.ThiswillonlybeloggedontheclusterofthePrimaryVirtualDisk(s).'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_RC_ER_READY_TO_START) Remote Copy ready to start [chars]

Explanation The remote copy relationship or consistency group, which had been previously been stopped due to an error, is ready to be restarted. All resources are now online.

Recommended Action Restart the relationship or consistency group.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VG_EV_MIGRATE_COMPLETE) Migration complete [chars]

Explanation Migration has completed.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_EID_VL_ER_CLUSTER_FABRIC_VIEW_CHANGE) Cluster fabric view has been updated. [chars]

Explanation The node is in the process of discovering devices on the fabric.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_MAPPING) Virtual Disk to Host SCSI mapping created [chars]

Explanation svctaskmkvdiskhostmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ADD_WWPN) Port added to a Host [chars]

Explanation svctaskaddhostport'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_CLUSTER_TIME) Attempt to change cluster time (no effect) [chars]

Explanation svctasksetclustertime'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeController forCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CHANGE_TIMEZONE) Attempt to change time zone (no effect) [chars]

Explanation svctasksettimezone'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeController forCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DISCOVERY) Manual Managed Disk discovery invoked [chars]

Explanation svctaskdetectmdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_DUMP_CONFIG) Cluster config dumped to file [chars]

Explanation svctaskdumpconfig'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_MODIFY) Cluster attributes modified [chars]

Explanation svctaskchcluster'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CLUSTER_SHUTDOWN) Node or Cluster shutdown [chars]

Explanation svctaskstopcluster'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_FC_MAPPING) Flash Copy mapping created [chars]

Explanation svctaskmkfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_CREATE_HOST) Host created [chars]

Explanation svctaskmkhost'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_FC_MAPPING) Flash Copy mapping deleted [chars]

Explanation svctaskrmfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_HOST) Hosts deleted [chars]

Explanation svctaskrmhost'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_MAPPING) Virtual Disk to Host SCSI mapping deleted [chars]

Explanation svctaskrmvdiskhostmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_PORT_HOST_LIST) Ports deleted from a Host [chars]

Explanation svctaskrmhostport'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DELETE_WWPN) Port deleted from a Host [chars]

Explanation svctaskrmhostport'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_DEVICE_SET_NAME) Controller attributes modified [chars]

Explanation svctaskchcontroller'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_ANALYSE) Error log analyzed [chars]

Explanation svctaskfinderr'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_CLEARLOG) Error log cleared [chars]

Explanation svctaskclearerrlog'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_DUMPLOG)
Error log dumped [chars]

Explanation svctaskdumperrlog'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_ERRORLOG_FIX)
Error log entry marked fixed [chars]

Explanation svctaskcherrstate'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_CONSIST_GRP_SET_NAME) Flash Copy consistency group name modified
[chars]

Explanation svctaskchfcconsistgrp-name'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_CREATE_CONSIST_GRP) Flash Copy consistency group created [chars]

Explanation svctaskmkfconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FC_DELETE_CONSIST_GRP) Flash Copy consistency group deleted [chars]

Explanation svctaskrmconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FC_SET_NAME) Flash
Copy mapping name modified [chars]

Explanation svctaskchfcmap-name'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_FEATURISATION_CHANGED) Licensed settings modified [chars]

Explanation svctaskchlicense'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_PREPARE_CG)
Flash Copy consistency group prepared [chars]

Explanation svctaskprestartfcconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_START_CG)
Flash Copy consistency group started [chars]

Explanation svctaskstartfcconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_FLASH_STOP_CG)
Flash Copy consistency group stopped [chars]

Explanation svctaskstopfcconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_DELETE) Host
deleted [chars]

Explanation svctaskrmhost'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HOST_SET_NAME)
Host attributes modified [chars]

Explanation svctaskchhost'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_HWS_SET_NAME) IO
Group name modified [chars]

Explanation svctaskchiogrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_IO_TRACE_FINISHED)
IO Tracing stopped [chars]

Explanation

svctaskstoptrace'orequivalentGUI/CiscoCLIcommandhasbeeninvoked,orthetriggeroccurredforagivenManagedDisk,automaticallystoppingthetrace.'

Recommended Action Analyse the traces.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_ADD_MDISK) Managed Disk added to Managed Disk group [chars]

Explanation svctaskaddmdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_CREATE) Managed Disk Group created [chars]

Explanation svctaskmkmdiskgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_DELETE) Managed Disk Group deleted [chars]

Explanation svctaskrmmdiskgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_DELETE_MDISK) Managed Disk deleted from Managed Disk group [chars]

Explanation svctaskrmmdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_GRP_SET_NAME) Managed Disk Group attributes modified [chars]

Explanation svctaskchmdiskgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_SET_NAME) Managed Disk attributes modified [chars]

Explanation svctaskchmdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MDISK_UNSLANDER) Managed Disk online [chars]

Explanation The managed disk which was excluded is now online.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MIGRATE) Virtual Disk migration to new Managed Disk group started [chars]

Explanation svctaskmigratevdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_MODIFY_FC_MAPPING) Flash Copy mapping modified [chars]

Explanation svctaskchfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_ADD) Node added [chars]

Explanation svctaskaddnode'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_CREATE_CLUSTER) Cluster created [chars]

Explanation clusteradd'orequivalentGUIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_DELETE) Node deleted from cluster [chars]

Explanation svctaskrmnode'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_PEND) Node Pend [chars]

Explanation The node has gone into the pending state. It will shortly go into the online or offline state.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_REMOVE) Node leaving cluster (expected) [chars]

Explanation The node has gone offline as expected due to shutdown, upgrade or deletion.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SET_NAME)
Node attributes modified [chars]

Explanation svctaskchnode'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_SHUTDOWN)
Node shutdown [chars]

Explanation svctaskstopcluster-node'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_NODE_UNPEND) Node
Unpend [chars]

Explanation The node has gone online.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_PLANAR_SN_CHANGE)
Attempt to change the Planar Serial Number (no effect) [chars]

Explanation

svctaskwritesernum'commandhasbeeninvoked.ThiscommandhasnoeffectinSANVolumeControllerf
orCiscoMDS9000,butisretainedforcompatibility.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_PRETRIGGER_FC_MAPPING) Flash Copy mapping prepared [chars]

Explanation svctaskprestartfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_QUORUM_CREATE)
Quorum disk set [chars]

Explanation svctasksetquorum'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_REMOTE_CREATECONSTGRP) Remote Copy consistency group created [chars]

Explanation svctaskmkrconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_CREATEREL) Remote Copy relationship created [chars]

Explanation svctaskmkrrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETECONSTGRP) Remote Copy consistency group deleted [chars]

Explanation svctaskrmconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_DELETEREL) Remote Copy relationship deleted [chars]

Explanation svctaskrmrrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYCONSTGRP) Remote Copy consistency group modified [chars]

Explanation svctaskchrconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_MODIFYREL) Remote Copy relationship modified [chars]

Explanation svctaskchrrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START) Remote Copy relationship started [chars]

Explanation svctaskstartrrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_START_CG) Remote Copy consistency group started [chars]

Explanation svctaskstarttrconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP)
Remote Copy relationship stopped [chars]

Explanation svctaskstoprrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_STOP_CG)
Remote Copy consistency group stopped [chars]

Explanation svctaskstoprconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH)
Remote Copy relationship switched [chars]

Explanation svctaskswitchrrelationship'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_REMOTE_SWITCH_CG)
Remote Copy consistency group switched [chars]

Explanation svctaskswitchrconsistgrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec]
SS_ERR_CFG_SERVICE_APPLY_SOFTWARE) Software upgrade command accepted [chars]

Explanation
clusterupgradesvc-system'orequivalentGUIcommandhasbeeninvoked.Thecommandhasbeenaccepted.Additionallogentrieswilltracktheprogressoftheupgrade.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_STOP_FC_MAPPING)
Flash Copy mapping stopped [chars]

Explanation svctaskstopfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_TRIGGER_FC_MAPPING)
Flash Copy mapping started [chars]

Explanation svctaskstartfcmap'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_BACKED_OFF) Software downgrade complete [chars]

Explanation The software upgrade process failed and all nodes have been restored to the previous level of code.

Recommended Action Perform problem determination on the cause of the upgrade failure and take corrective action before retrying the upgrade.

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_COMPLETED) Software upgrade complete [chars]

Explanation All nodes have successfully moved to the new code level, which will now be committed.

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_UPGRADE_STARTED) Software upgrade started [chars]

Explanation The software upgrade process has started (the first node is about to be upgraded).

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_CREATE) Virtual Disk created [chars]

Explanation svctaskmkvdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_DELETE) Virtual Disk deleted [chars]

Explanation svctaskrmvdisk'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_EXPAND) Virtual Disk expanded [chars]

Explanation svctaskexpandvdisksize'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_EXPAND_SINGLE_EXT) Virtual Disk expanded by single extent [chars]

Explanation svctaskaddvdiskext'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENT) Extent migration started [chars]

Explanation svctaskmigrateexts'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MIGRATE_EXTENTS) Extent migration started [chars]

Explanation svctaskmigrateexts'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MODIFY_GOVERN) Virtual Disk throttling rate modified [chars]

Explanation svctaskchvdisk-rate'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_MOVE_HWS) Virtual Disk IO Group changed [chars]

Explanation svctaskchvdisk-iogrp'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SET_NAME) Virtual Disk name modified [chars]

Explanation svctaskchvdisk-name'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-NODE_INFO_MSG: (SVC [dec]/[dec] SS_ERR_CFG_VDISK_SHRINK) Virtual Disk shrunk [chars]

Explanation svctaskshrinkvdisksize'orequivalentGUI/CiscoCLIcommandhasbeeninvoked.'

Recommended Action None

Error Message SVC-6-SVC_SYSLOG_CL_CONFIG: Node [chars] has become config node of cluster [chars]

Explanation SVC interface has because cluster config node

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_CL_JOIN: Node [chars] has joined cluster [chars]

Explanation SVC interface has joined cluster

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_CL_UNJOIN: Node [chars] has left cluster [chars]

Explanation SVC interface has left cluster

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_LC_WWN_PURGE: All WWNs for module [dec] have been purged [chars]

Explanation SVC linecard has purged all WWNs

Recommended Action No action is required.

Error Message SVC-6-SVC_SYSLOG_VSAN_INACTIVE: Vsan [dec] suspended

Explanation Vsan was suspended; can cause warnings

Recommended Action No action is required.

SVC-7

Error Message SVC-7-NODE_DEBUG_MSG: [chars]

Explanation Syslog message from a SVC interface node

Recommended Action No action is required.

SYSMGR Messages

This section contains the SYSMGR messages.

SYSMGR-2

Error Message SYSMGR-2-ACTIVE_LOWER_MEM_THAN_STANDBY: Active supervisor in slot [dec] is running with less memory than standby supervisor in slot [dec].

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-2-BOOTSCOPE_HANDSHAKE: Service [chars] is in the boot scope, but tried a regular handshake. Discarding request.

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CFGERASE_ABORTED: Write erase aborted.

Explanation Write erase has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration snapshot.

Explanation The destination location for the snapshot-config could not be found.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializetheconfigurationpartition.'`

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration snapshot.

Explanation An attempt to copy the startup-config to snapshot-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializetheconfigurationpartition.'`

Error Message SYSMGR-2-CFGSNAPSHOT_ABORTED: Configuration snapshot aborted.

Explanation An attempt to save a snapshot of the startup-config has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGSYNC_FAILURE: Syncing of the configuration to the standby failed.

Explanation Syncing of the configuration to the standby failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGWRITE_ABORTED_DIR: Unable to open the configuration directory. Aborting configuration copy.

Explanation The destination location for the startup-config could not be found.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-CFGWRITE_ABORTED_INIT: Unable to initialize the configuration directory (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the old data could not be removed.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-CFGWRITE_ABORTED_LABEL: Unable to label the new configuration (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the new startup-config could not be stamped.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-CFGWRITE_ABORTED_LOCK: Unable to lock the configuration (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because the system could not lock the required configuration items.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CFGWRITE_ABORTED_LOG: Unable to open a log file for the new configuration: [chars] (error-id [hex]). Aborting configuration copy.

Explanation An attempt to copy the running-config to startup-config has failed because a log file could not be created.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-CFGWRITE_ABORTED: Configuration copy aborted.

Explanation A configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again.

Error Message SYSMGR-2-CFGWRITE_TIMEOUT_ABORT: Configuration copy aborted by timeout.

Explanation A service failed to store its configuration in the timeout period. The operation has been aborted.

Recommended Action No action is required.

Error Message SYSMGR-2-CFGWRITE_USER_ABORT: Configuration copy aborted by the user.

Explanation The user typed CTRL+C while the configuration was being saved, and the operation has been aborted.

Recommended Action No action is required.

Error Message SYSMGR-2-CONVERT_FUNC_FAILED: Conversion function failed for service "[chars]" (error-id [hex]).

Explanation This message indicates that the conversion function failed for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_FUNC_NOTFOUND: Conversion function not found for service "[chars]".

Explanation This message indicates that the system could not find appropriate conversion function for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_LIB_NOTFOUND: Conversion library not found for service "[chars]".

Explanation This message indicates that the system could not find conversion library for this service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CONVERT_STARTUP_ABORTED: Conversion of startup-config failed.

Explanation This message indicates that the conversion of startup configuration was aborted.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-CONVERT_ZIPPING_FAILED: Failed to zip the converted startup configuration.

Explanation This message indicates that conversion of the startup configuration failed when system was trying to zip the converted configuration.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-CORE_SAVE_FAILED: [chars]: PID [dec] with message [chars].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-CREATE_DONEFILE_FAILED: Creating /var/run/sysmgr.initdone failed with return value: ([dec]).

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-DELETE_BINARY_STARTUP_FAILED: Deletion of binary startup config failed during boot (error-id [hex]).

Explanation This message indicates that the deletion of the binary startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializeconfigurationpartition.'`

Error Message SYSMGR-2-FEATURE_SET_NOT_DISABLED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not cleanup: [chars]

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-FEATURE_SET_SRVTIMEOUT: vdc [dec]: feature-set 0x%llx [chars]: Following services did not respond in time: [chars]

Explanation The services did not handshake with sysmgr in time

Recommended Action No action is required.

Error Message SYSMGR-2-FEATURE_SET_UNGRACEFUL_DISABLE_FAILED_SRVS: vdc [dec]: feature-set 0x%llx: Following services did not exit even after SIGKILL: [chars]

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-FORMAT_FAILURE_SUP_RESET: Failure to format a partition successfully causing sup to reset.

Explanation The partition used to store non-volatile pss files could not be formatted successfully. The supervisor will be reset.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-GSYNC_ABORT: Global sync aborted by signal.

Explanation The initial synchronization of the services has been aborted. The synchronization will be attempted again later.

Recommended Action Use the command reloadmodule<mod

Error Message SYSMGR-2-GSYNC_GET_TIMEOUT: Request for global sync for UUID [hex] not completed in specified time.

Explanation Service failed to complete global sync in specified time. The standby will no longer act as a HA standby.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-GSYNC_READY_SRVFAILED: Service "[chars]" on standby supervisor failed to restore its snapshot (error-id [hex]).

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-GSYNC_SNAPSHOT_SRVFAILED: Service "[chars]" on active supervisor failed to store its snapshot (error-id [hex]).

Explanation The initial synchronization of service [chars] has failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-HANDSHAKE_FAILED: Handshake with service "[chars]" in vdc [dec] failed since send failed: [chars] (error-id [hex]).

Explanation Handshake with a service failed since system manager could not send handshake response to it.

Recommended Action No action is required.

Error Message SYSMGR-2-HASWITCHOVER_PRE_START: This supervisor is becoming active (pre-start phase).

Explanation A cold switchover has started (pre-start phase).

Recommended Action When the other supervisor is back online, use the command `showsystemreset-reason'toknowwhatcausedtheswitchover.'`

Error Message SYSMGR-2-HASWITCHOVER_START: Supervisor [dec] is becoming active.

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command `showsystemreset-reason'toknowwhatcausedtheswitchover.'`

Error Message SYSMGR-2-HEARTBEAT_FAILED: Sysmgr heartbeat failed at %lu. [chars]. [chars] ([dec])

Explanation System manager had failure while trying to heartbeat with KLM

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INBAND_START_FAILED: Failure while bringing up inband after ISSU reboot, errno: [dec].

Explanation Sysmgr tried to bring up inband after ISSU reboot, but the call returned error.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_HANDSHAKE: Invalid secret ([dec]) received from service [chars]. Expected [dec].

Explanation A service cantbestarted.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_SYSMGRCONF: [chars]: invalid configuration file "[chars]": [chars] (error-id [hex]).

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-INVALID_VERSIONMSG: The remote System Manager ([chars]) declares itself in the same state as this System Manager ([chars]).

Explanation The redundancy state negotiation between the two supervisors failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-ISSU_FAILED: The ISSU has failed: [chars] (error-id [hex])

Explanation The ISSU has failed and the switch need to be rebooted.

Recommended Action No action is required.

Error Message SYSMGR-2-LAST_CORE_BASIC_TRACE: [chars]: PID [dec] with message [chars].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-MSG_SEND_FAILURE_STANDBY_RESET: Failure in sending message to standby causing standby to reset.

Explanation We will be resetting the standby since mts on the active is unable to send a message to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-MTS_FLUSH_SYNC_QUEUE_FAILURE: flush mts sync queue failed with [chars] (errno [dec])

Explanation Calling mts_flush_sync_queue to guarantee no outstanding messages. the failure might affect HA

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-NON_VOLATILE_DB_FULL: System non-volatile storage usage is unexpectedly high at [dec]%.

Explanation System non-volatile storage space is almost full.

Recommended Action Please run the command clearprocesseslogpid<pid

Error Message SYSMGR-2-NON_VOLATILE_DB_INODE_FULL: System non-volatile inode storage usage is unexpectedly high at [dec]%.

Explanation System non-volatile inode storage space is almost full.

Recommended Action Please run the command clearprocesseslogpid<pid

Error Message SYSMGR-2-ONBOARD_FAILURE_LOGGING_FULL: Onboard failure logging usage is unexpectedly high at [dec]%.

Explanation Onboard failure logging space is almost full.

Recommended Action Please run the command clearloggingonboard'. If this message continues to persist, please contact TAC.'

Error Message SYSMGR-2-PARSEERR_DEPENDENCYCYCLE: Dependency cycle found among [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDCONFIG: [chars]: duplicated definition for service config. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDDEPEND: [chars]: duplicated dependency from [chars] for service [chars]. Previous use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDNAME: [chars]: short name [chars] used by service [chars] is also used by service "[chars]" in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDOPTION: [chars]: duplicated definition for option [chars]-

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDSERVICE: [chars]: duplicated definition for service [chars]. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUPLICATEDVERDB: [chars]: duplicated definition for service version_db. Previous definition in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_DUP_UGRPENTRY: [chars]: service [chars] duplicated in the current upgrade group. Previous use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_FT_SET_ID_PARSEERR: [chars]: ft_set_id ([dec]) out of bound for "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INCONSISTENTOPT: [chars]: option "[chars]=[chars]" not consistent with "[chars]=[chars]" for service "[chars]"

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDCOMPCONDDPEND: [chars] (in dependency list of compulsory conditional service [chars]): optional conditional service "[chars]" not allowed.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDCONDDEPEND: [chars] (in dependency list of ASAP service [chars]): conditional service "[chars]" not allowed.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDDEPEND: [chars] (in dependency list of service [chars]): service [chars] not defined for scope "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDEXEC: [chars]: invalid executable [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDHANDSHAKEDEPEND: [chars] (in handshake dependency list of service [chars]): service "[chars]" is MTS unaware or not defined for scope "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDIDENT: [chars]: [chars] "[chars]" not found for service "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDOPTION: [chars]: option [chars]-

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDSTDBYDEPEND: [chars]: service [chars] cannot be dependent on service [chars] due to the standby mode wait for that service.

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALIDDVCDEPEND: [chars] (in dependency list of service [chars]): service [chars] is a [chars] service.

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_CLEANUP_ARGUMENTS: [chars]: cleanup_arguments = "[chars]": only conditional services that are scripts can specify cleanup arguments

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_COND_SRV_MODE: [chars]: service [chars] not defined for scope "control" or not mts aware.

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_DIR: [chars]: "[chars]" is not a valid [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system cannot proceed further.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_GLOBAL_SYNC: [chars]: mts unaware service may not request for a global sync.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_HB: [chars]: "[dec]" is not a valid heartbeat timeout.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_MAX_INSTANCE: [chars]: [dec] is not a valid max_instance.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_SHELLTREE: [chars]: invalid shell parser tree [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE_GLOBAL_SYNC: [chars]: service with standby mode wait cannot request for a global sync.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_STANDBY_MODE: [chars]: standby_mode should be run.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_STARTUP_MODE_DEPENDENCY: [chars]: Invalid dependency. Service [chars] sstartupmode (' [chars] ') doesnotmatchdependentservice" [chars] "' sstartupmode (' [chars] ') .'

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action No action is required.

Error Message SYSMGR-2-PARSEERR_INVALID_TRANSL: [chars]: invalid translator [chars] for service [chars]: [chars] ([dec]).

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_INVALID_UGRPENTRY: [chars]: service "[chars]" is not defined.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_MISSINGOPTION: [chars]: option [chars]-

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_MTSUNAWARE_HANDSHAKEDEPEND: [chars]: service [chars] is MTS unaware and cannot have handshake dependencies.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_NORESTART: [chars]: option [chars]-

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_NOTCONFIG: [chars]: [chars] implemented only for service config.

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_ADD_SRV: Service "[chars]" cannot be added

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_DELETE_SRV: Service "[chars]" cannot be removed

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_PARAM: Cannot modify parameter [chars] for the service "[chars]", old value = [chars], new value = [chars]

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REPARSE_CANNOT_MODIFY_SRV: Configuration for service "[chars]" cannot be modified, param modified = [chars], old_value = [chars], new_value = [chars]

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_REP_UGRPENTRY: [chars]: service [chars] is used in more than one upgrade group. First use in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_TOOMANYDEPENDS_MULTIPLE_INST: [chars]: too many multiple instance dependencies ([dec]) for service "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_TOOMANYDEPENDS: [chars]: too many dependencies ([dec]) for service "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_UGRPDUPLICATEDNAME: [chars]: upgrade group name "[chars]" already used in [chars].

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARSEERR_UGRPNAMEREDEFINED: [chars]: the upgrade group is already called "[chars]".

Explanation The system image contains an inconsistent list of services. The initialization of the system cantproceedfurther.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PARTIAL_CFGWRITE_ABORTED: Partial configuration copy aborted.

Explanation A partial configuration copy has failed.

Recommended Action Please verify the other syslog messages printed correct the problem, and try again. If problem persists, please run the command copyrunning-configstartup-config'andtryagain.'

Error Message SYSMGR-2-PLUGIN_BOOTUP_FAILURE: The bootup of the supervisor has failed due to plugin load: [chars] (error-id [hex])

Explanation The bootup of the supervisor has failed due to plugin load.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PSS2FILE_CONVERT_FAILED: Conversion of file [chars] failed.

Explanation Conversion of internal data format failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-PSS2_VOLATILE_DB_FULL: Volatile database usage in kernel is unexpectedly high at [dec]%.

Explanation System volatile database in kernel space is almost full.

Recommended Action Please run the command systemsysteminternalpsskernelmemstats'.Ifthismessagecontinuestopersist,pleasecontactTAC.'

Error Message SYSMGR-2-REDSTATE_GETFAILED: Failed to request redundancy state: [chars] (error-id [hex]).

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-REDSTATE_SETFAILED: Failed to set redundancy state: ret_val ([dec]).

Explanation The local supervisor is unable to get the redundancy state.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-REDUNDANCY_CHANNEL_FAILURE: Remote sup will be rebooted since its coming up as active when local sup is still active.

Explanation Remote sup is becoming active although local sup is still active. As a result, local sup will cause the remote sup to reset itself.

Recommended Action If the problem persists, please contact customer support.

Error Message SYSMGR-2-REDUNDANCY_HEARTBEAT_FAILURE: Heartbeat between active and standby on the redundancy channel not working for last [dec] minutes.

Explanation This supervisor is not receiving heartbeat on the redundancy channel from the other supervisor. This can result in problems during switchover and switchover may even fail.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-RESTART_SYSTEM_LOG: We will be restarting system soon for vdc [dec].

Explanation We will be restarting system since we were trying to do a hot switchover before all the state could have been transferred to this supervisor. So we will be doing a cold switchover now.

Recommended Action No action is required.

Error Message SYSMGR-2-RESTORE_RUNTIME_DB_FAILED: Restoring of runtime database for fabric switch upgrade failed during boot (error-id [hex]).

Explanation This message indicates that the runtime database could not be restored during boot for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SAVE_RUNTIME_DB_FAILED: Saving of runtime database for fabric switch upgrade failed (error-id [hex]).

Explanation This message indicates that the runtime database could not be saved for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SERVICE_CRASHED: Service "[chars]" (PID [dec]) hasntcaughtsignal[dec][chars]'

Explanation A service has terminated its execution abnormally. The service might be restarted, depending on the HA policies implemented for the service.

Recommended Action Please use the command showprocess'to verify that the service has been restarted.'

Error Message SYSMGR-2-SHUTDOWN_FAILURE: Unable to set signal handler for graceful shutdown: [chars] (error-id [hex]).

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-2-SHUTDOWN_REJECT: The System Manager is busy saving the configuration. Please try again later.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-2-SHUTDOWN_SYSTEM_LOG: vdc [dec] will shut down soon.

Explanation We are shutting down system the vdc

Recommended Action No action is required.

Error Message SYSMGR-2-SIGKILL_FAILURE: Service "[chars]" failure to respond to SIGKILL causing supervisor to reset. Last heartbeat %.2f secs ago.

Explanation We will be resetting the supervisor since service failed to respond to SIGKILL sent to it by System Manager.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SOCKET_ERROR: Failed to open socket connection, errno: [dec].

Explanation Call to open socket connection failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SRV_CLEAR_MEMORY_ALERT: service "[chars]" clear memory alert ([dec]%)

Explanation Clean Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_MAJOR_MEMORY_ALERT: service "[chars]" major memory alert ([dec]%)

Explanation Major Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_MINOR_MEMORY_ALERT: service "[chars]" minor memory alert ([dec]%)

Explanation Minor Memory Alert Event received

Recommended Action No action is required.

Error Message SYSMGR-2-SRV_SPAWN_FAILED: Spawning of service "[chars]" in vdc [dec] failed : [chars] (error-id [hex]).

Explanation Failed to spawn a service

Recommended Action No action is required.

Error Message SYSMGR-2-STANDBY_BOOT_FAILED: Standby supervisor failed to boot up.

Explanation This message is printed if the standby supervisor does not complete its boot procedure (i.e. it doesn't reach the login prompt on the local console) 3 to 6 minutes after the loader has been loaded by the BIOS. This message is usually caused by boot variables not properly set for the standby supervisor. This message can also be caused by a user intentionally interrupting the boot procedure at the loader prompt (by means of pressing ESC).'

Recommended Action Connect to the local console of the standby supervisor. If the supervisor is at the loader prompt, try to use the boot' command to continue the boot procedure. Otherwise, issue a 'reload' command for the standby supervisor from a vsh session on the active supervisor, specifying the 'force-dnld' option. Once the standby is online, fix the problem by setting the boot variables appropriately.'

Error Message SYSMGR-2-STARTUP_CONVERSION_FAILED: Startup config conversion failed during boot (error-id [hex]).

Explanation This message indicates that the conversion of startup configuration failed during boot.

Recommended Action If the problem persists, please use the vshboot command `initsystem'toinitializetheconfigurationpartition.'`

Error Message SYSMGR-2-START_SCRIPT_FAILED: Start script (/isan/etc/rc.sysmgr start) failed with return value: ([dec]).

Explanation The initialization of the system could not complete.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SUBPROC_SPAWN_FAILED: Spawning of sub-process "[chars]" in vdc [dec] failed : [chars] (error-id [hex]).

Explanation Failed to spawn a sub-process

Recommended Action No action is required.

Error Message SYSMGR-2-SUP_POWERDOWN: Supervisor in slot [dec] is running with less memory than active supervisor in slot [dec]

Explanation Supervisor memory mismatch

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_OVER: Switchover completed.

Explanation The switchover is completed.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVCRAshed: Service "[chars]" (PID [dec]) crashed during switchover - hasntcaughtsignal[dec].Corewillnotbecollected.'

Explanation The switchover failed because a service crashed during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVFAILED: Service "[chars]" failed in performing its switchover actions (error-id [hex]).

Explanation The switchover failed because a service could not transition to the active state.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_SRVTERMINATED: Service "[chars]" (PID [dec]) terminated during switchover with error code [dec] .

Explanation The switchover failed because a service terminated during switchover.

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_THRESHOLD_EXCEEDED: Switchover threshold exceeded ([dec] switchovers happened within [dec] seconds). Powering down all linecards.

Explanation Switchover threshold exceeded

Recommended Action No action is required.

Error Message SYSMGR-2-SWITCHOVER_TIMEOUT: Service "[chars]" (vdc [dec]) did not respond to switchover message in [dec] seconds

Explanation The switchover timeout because a service failed to response

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYNC_FAILURE_MSG_PAYLOAD: vdc [dec]: [chars]

Explanation Dump out the msg to know what causes sync failure

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYNC_FAILURE_STANDBY_RESET: Failure in syncing messages to standby for vdc [dec] causing standby to reset.

Explanation We will be resetting the standby since mts on the active is unable to sync messages to standby.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-SYSMGR_AUTOCOLLECT_TECH_SUPPORT_LOG: This supervisor will temporarily remain online in order to collect show tech-support. This behavior is configurable via system[no]auto-collecttech-support'.'

Explanation Supervisor is automatically collecting logs

Recommended Action No action is required.

Error Message SYSMGR-2-TMP_DIR_FULL: System temporary directory usage is unexpectedly high at [dec]%.

Explanation System /tmp space is almost full.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-VDC_CREATE_DELETE_SRVCRAshed: Global vdc-aware service "[chars]" (PID [dec]) crashed during vdc create/delete on standby - hasntcaughtsignal[dec].'

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service crashed on standby.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_CREATE_DELETE_SRVTERMINATED: Global vdc-aware service [chars] (PID [dec]) terminated during vdc create/delete on standby with error code [dec] .

Explanation The creation/deletion of vdc on standby failed because a global vdc-aware service terminated on standby.

Recommended Action No action is required.

Error Message SYSMGR-2-VDC_DELETE_FAILURE: The vdc delete has failed: [chars] (error-id [hex])

Explanation The vdc delete has failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-2-VDC_NOT_CLEANEDUP_SRVS: vdc [dec]: [chars]

Explanation

Recommended Action No action is required.

Error Message SYSMGR-2-VOLATILE_DB_FULL: System volatile database usage is unexpectedly high at [dec]%.

Explanation System volatile database space is almost full.

Recommended Action Please run the command `systempssshrink'.Ifthismessagecontinuestopersist,pleasecontactTAC.'`

Error Message SYSMGR-2-WARMSWITCHOVER_START: This supervisor is becoming active.

Explanation A cold switchover has started.

Recommended Action When the other supervisor is back online, use the command `showsystemreset-reason'toknowwhatcausedtheswitchover.'`

Error Message SYSMGR-2-WDT_KGDB: System watchdog kgdb has been [chars] for slot [dec].

Explanation System watchdog kgdb has been [chars]. If the command has been enabled, the system will go into kgdb if there is a watchdog timeout.

Recommended Action No action is required.

SYSMGR-3

Error Message SYSMGR-3-BASIC_TRACE: [chars]: PID [dec] with message [chars].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-3-CAPABILITY_REDUN_CHANGE: Redundancy mode changed to [chars] due to configuration change.

Explanation Some configuration changes have occurred causing administrative redundancy mode to change.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGCTRL_ABORT: signal to abort cfgctrl as super changes to the unstable state

Explanation When super state changes to unstable, cfgctrl should be terminated

Recommended Action No action is required.

Error Message SYSMGR-3-CFGERASE_FAILED: Configuration erase failed (error-id [hex]).

Explanation The requested configuration erase has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGSNAPSHOT_FAILED: Configuration snapshot failed (error-id [hex]).

Explanation The requested configuration snapshot has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGWRITE_FAILED: Configuration copy failed (error-id [hex]).

Explanation The requested configuration copy has failed. [dec] is the error-id representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-CFGWRITE_REJECT: Discarding request for configuration [chars]: configuration action already in progress.

Explanation Another instance of the command copyrunning-configstartup-config'isinprogress.'

Recommended Action Please wait for the other instance to complete.

Error Message SYSMGR-3-CFGWRITE_SRVCRAshed: Service [chars] crashed with signal ([dec]) while configuration was being saved

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_SRVFAILED: Service "[chars]" failed to store its configuration (error-id [hex]).

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the showprocess'commandtoverifythatthesystemisrunningproperlyandtheservice[chars]isbehavingcorrectly.Thentryagain.'

Error Message SYSMGR-3-CFGWRITE_SRVTERMINATED: Service [chars] terminated with error code ([dec]) while configuration was being saved

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_SRVTIMEOUT: Service [chars] failed to store its configuration in the timeout period

Explanation A required service has failed to send a response after receiving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_VDCSRVCRASHED: Service [chars] in vdc [dec] crashed with signal ([dec]) while configuration was being saved

Explanation A required service has crashed while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_VDCSRVFAILED: Service "[chars]" in vdc [dec] failed to store its configuration (error-id [hex]).

Explanation A required service has failed to store its own configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Use the showprocess'commandtoverifythatthesystemisrunningproperlyandtheservice[chars]isbehavingcorrectly.Thentryagain.'

Error Message SYSMGR-3-CFGWRITE_VDCSRVTERMINATED: Service [chars] in vdc [dec] terminated with error code ([dec]) while configuration was being saved

Explanation A required service has terminated while configuration was being saved. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-CFGWRITE_VDCSRVTIMEOUT: Service [chars] in vdc [dec] failed to store its configuration in the timeout period

Explanation A required service has failed to send a response after receiving a request to store its configuration into the startup-config. The overall configuration copy is considered failed.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-COPY_CORES_FAILED: Copying cores failed ([dec]).

Explanation Copying cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message SYSMGR-3-COREDUMP_TIMEOUT: Failed to store the core in the specified time. Resetting

Explanation Failed to store the core in the specified time. Resetting ...

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_CLIENT_INIT_FAILED: Core client will not be started due to some internal error.

Explanation Core client will not be started due to some internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_OP_FAILED: Core operation failed: [chars]

Explanation Mainly use to display failure on core operation in general

Recommended Action No action is required.

Error Message SYSMGR-3-CORE_SERVER_INIT_FAILED: Core server will not be started due to some internal error.

Explanation Core server will not be started due to some internal error.

Recommended Action No action is required.

Error Message SYSMGR-3-DAEMONIZE_FAILED: Unable to daemonize service "[chars]": [chars] ([dec]).

Explanation A service could not be spawned.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-FAILED_PFM_HANDSHAKE: PFM-handshake from service "[chars]" failed (error-id [hex]).

Explanation The Platform Manager handshake has failed. The system cant proceed with the initialization.'

Recommended Action No action is required.

Error Message SYSMGR-3-GSYNC_TIMEOUT_FAILED: Failed to set timeout for global sync for an application ([dec]).

Explanation Failed to set timeout for global sync for an application. This can result in global sync to be stuck forever if application never complete global sync.

Recommended Action No action is required.

Error Message SYSMGR-3-HEARTBEAT_FAILURE: Service "[chars]" sent SIGABRT for not setting heartbeat for last [dec] periods. Last heartbeat %.2f secs ago.

Explanation A service is not setting proper heartbeats to System Manager So it will kill this service and if this service has restartability set to TRUE, the service will restart.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_BOOT_HANDSHAKE: Boot-scope-handshake received from service [chars], that is in scope [dec] (not the boot scope).

Explanation A service is trying to take actions that belong to a different class of services.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_GSYNC_GET: Service "[chars]" vdc [dec] requesting gsync without setting proper flag in its conf file.

Explanation Service is requesting global sync without setting proper flag in its conf file.

Recommended Action No action is required.

Error Message SYSMGR-3-INVALID_PFM_HANDSHAKE: PFM-handshake received from service [chars], that is in scope [dec] (not the boot scope).

Explanation A service is trying to take actions that belong to the Platform Manager service.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_TRANSITION: Transition from state [chars] to state [chars] is not allowed.

Explanation Unexpected transition in the System Manager state machine.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-INVALID_UUID: Service [chars] is configured with UUID [hex], but uses UUID [hex].

Explanation The identity of a service is inconsistent in the image file

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-ISSU_BEGIN_FAILED: ISSU cannot proceed (error-id [hex]).

Explanation This message indicates that some service has blocked the ISSU.

Recommended Action No action is required.

Error Message SYSMGR-3-LC_IMAGE_UPGRADE_FAILURE: Linecard image upgrade request failed(error-id [hex]).

Explanation Linecard image upgrade request failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_RESET: Resetting linecard

Explanation Linecard is being reset

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_SAVE_STATES_FAILURE: Save states request for the linecard failed(error-id [hex]).

Explanation Save state request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_STOP_ASYNC_FAILURE: Stop async notification request failed(error-id [hex]).

Explanation Stop async notification request for the linecard failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-LC_UPG_ERROR: LC ERROR: [chars]

Explanation Linecard upgrade error message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-MISSING_OPTIONAL_CAPABILITY: Incomplete support for the current running-config on standby supervisor.

Explanation Loose config incompatibilities exist between active and standby sup. Operational redundancy mode is still set to HA.

Recommended Action No action is required.

Error Message SYSMGR-3-MODULE_LOCK_FAILED: Failed to lock the local module to avoid reset (error-id [hex]).

Explanation Locking the local module has failed. Reloading the local module can now result in switchover to fail.

Recommended Action No action is required.

Error Message SYSMGR-3-ND_UPGD_RECOVERY_SRVFAILED: Service "[chars]" in vdc [dec] failed in non-disruptive upgrade recovery (error-id [hex]).

Explanation The non-disruptive upgrade failed because a service could not recover its state.

Recommended Action No action is required.

Error Message SYSMGR-3-OPERATIONAL_MODE_WARM: Operational redundancy mode set to warm (error-id [hex]).

Explanation Operational redundancy mode will be set to warm. [dec] is the error-ID representing the reason.

Recommended Action No action is required.

Error Message SYSMGR-3-PARTIAL_CFGWRITE_FAILED: Partial configuration copy failed (error-id [hex]).

Explanation The requested configuration copy has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

Error Message SYSMGR-3-PARTIAL_CFGWRITE_VER_MISMATCH: Startup-config version not same as current software version.

Explanation Startup-config version not same as current software version.

Recommended Action Please do a copy running startup, and try again.

Error Message SYSMGR-3-RTDBCTRL_BUILD_UPG_TBL_FAILED: Failed to prepare upgrade version table during pre-upgrade

Explanation A required sequence in the preupgrade sequence has failed. The version table could not be built correctly

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-RTDBCTRL_SRVFAILURE: Service "[chars]" responded with a failure

Explanation A service responded with a failure to the request

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-RTDBCTRL_SRVTIMEOUT: Service [chars] failed to respond back to System Manager in the specified timeout period

Explanation A required service has failed to send a response after receiving a request for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-RTDBCTRL_SRV_RECV_FAILED: Failed to receive response from Service "[chars]"

Explanation A required service has failed to send a response after receiving a request for the fabric switch upgrade.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-RTDBCTRL_SRV_SEND_FAILED: Failed to send upgrade request to Service "[chars]"

Explanation Failed to send upgrade request to a required service

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-SERVICE_TERMINATED: Service [chars] (PID [dec]) has finished with error code [chars] ([dec]).

Explanation A service has terminated its execution normally. Depending on the value of [dec2] and the HA policies implemented for the service, the service might be restarted automatically.

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_OVER: The System Manager is shutting down now.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-3-SHUTDOWN_START: The System Manager has started the shutdown procedure.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_UNSTABLE_FTSET_OPERATION: Restarting standby since it is not in hot standby state while feature-set operation was in progress in vdc [dec].

Explanation Standby unstable during feature-set operation

Recommended Action No action is required.

Error Message SYSMGR-3-STANDBY_VDC_RESTART_FAILURE: vdc [dec] on standby failed to restart. error: [chars] ([hex])

Explanation

Recommended Action No action is required.

Error Message SYSMGR-3-SYSMGR_CRASHED: Sysmgr (PID [dec]) [chars]

Explanation Sysmgr has terminated abnormally.

Recommended Action Please use the command showprocess'toverifythatsysmgrhasbeenrestarted.'

Error Message SYSMGR-3-TFTP_CORES_FAILED: TFTPing cores failed ([chars]).

Explanation TFTPing cores to the destination failed because of an error specified in the log.

Recommended Action No action is required.

Error Message SYSMGR-3-UNACCEPTABLE_WAIT: Service [chars], no response from System Manager after [dec] seconds. Terminating.

Explanation A spawned service couldnt handshake with the System Manager and it's about to be terminated.'

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-3-UNLINK_RELINK_CONF_FILES_FAILED: [chars] of conf files failed. plugin_id [dec]

Explanation Unlink and/or Relink of configuration files failed.

Recommended Action No action is required.

Error Message SYSMGR-3-URIFS_APPLY_FAILED: Applying URI filesystem database failed (error-id [hex]).

Explanation The application of URI filesystem database has failed. [dec] is the error-ID representing the failure reason.

Recommended Action No action is required.

SYSMGR-4

Error Message SYSMGR-4-BASIC_TRACE_WARNING: [chars]: PID [dec] with message [chars].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-4-CFGWRITE_PARTIALFORCED: Some services are missing; partial configuration write forced.

Explanation The system is not fully operational, but a configuration copy has been forced. The services that are not running wont save their configuration, and the next time they will restart with a default configuration.'

Recommended Action Use the show process' command to find out which required services are not running.'

Error Message SYSMGR-4-ON_DEMAND_STOP_UID_KNOWN: On-demand service "[chars]" stopped by uid ([dec]).

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message SYSMGR-4-ON_DEMAND_STOP: On-demand service "[chars]" stopped.

Explanation The service start type is specified as type on-demand in its configuration file and an external request requested to abort it.

Recommended Action No action is required.

Error Message SYSMGR-4-PARSEWARN_INVALID_CFGFILE: [chars]: unable to find "[chars]": [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-4-PARSEWARN_RESTART_CNT_TOO_BIG: Service "[chars]": [chars] restart count of [dec] too big, needs to be set to [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-4-PARSEWARN_VALUE_TOO_SMALL: [chars]: [chars] is too small, replaced with [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-4-READCONF_REJECT: Discarding configuration update request: [chars].

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-4-READCONF_STARTED: Configuration update started (PID [dec]).

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-4-SRVSCOPE_DELAYED: Waiting for redundancy state; termination delayed for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_CORE_TRUNCATED: Core seems to be truncated on generation. [dec] / [dec] KB. PID: [dec]

Explanation Core likely truncated

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_PLUGIN_FAILURE: Received failure response [hex] from Plugin Manager

Explanation Failure response from plugin mgr

Recommended Action No action is required.

Error Message SYSMGR-4-SYSMGR_VDC_CORE_DELETION: Cores in VDC [dec] will be deleted as part of VDC deletion

Explanation VDC cores deleted

Recommended Action No action is required.

Error Message SYSMGR-4-UGRP_ALL_COMPLETED: Upgrade completed for all the groups.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-4-VAR_SYSMGR_FULL: System core file storage usage is unexpectedly high at [dec]%. This may cause corruption of core files

Explanation System core file storage space is almost full.

Recommended Action Please copy cores off the supervisor and run clearcores'tofreesomespace'

SYSMGR-5

Error Message SYSMGR-5-CFGERASE_DONE: Configuration erase successful.

Explanation The requested configuration erase has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGERASE_STARTED: Configuration erase started (PID [dec]).

Explanation The requested configuration erase has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGINIT_STARTED: Initialization of the startup configuration started (PID [dec]).

Explanation The requested initialization of the startup configuration has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGSNAPSHOT_DONE: Configuration snapshot successful.

Explanation The requested configuration snapshot has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGSNAPSHOT_STARTED: Configuration snapshot started (PID [dec]).

Explanation The requested configuration snapshot has started. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGWRITE_DONE: Configuration copy successful.

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-CFGWRITE_STARTED: Configuration copy started (PID [dec]).

Explanation On the active supervisor, this message indicates that the system has started to service a copyrunning-configstartup-config'requestedbytheuser.Onthestandbysupervisor,thismessageindicate sthatthesystemissynchronizingthestartup-configfromtheactivesupervisor.[dec]istheProcess-IDofthe processservicingtherequest.'

Recommended Action No action is required.

Error Message SYSMGR-5-CONVERT_STARTUP_STARTED: Configuration conversion started (PID [dec]).

Explanation This message indicates that the system has started conversion of startup configuration. This happens either on system boot or during the course of an upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-DELETE_BINARY_STARTUP_STARTED: Deletion of binary startup configuration started (PID [dec]).

Explanation This message indicates that the system will be deleting the binary startup configuration, due to an error in the conversion of the startup conversion.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-FSM_STATE_TRANS: System Manager NESTED state transition from [chars] to [chars].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-5-IMPROPER_CLEANUP: Service "[chars]" exited without replying to switchover request.

Explanation A conditional service exited without replying to switchover request. This message is for logging purposes only and does not affect the functionality of the system

Recommended Action No action is required.

Error Message SYSMGR-5-ISSU_ABORT: Notifying services of aborted ISSU (PID [dec]).

Explanation This message indicates that the ISSU has been aborted and the services have been asked to rollback any changes.

Recommended Action No action is required.

Error Message SYSMGR-5-ISSU_BEGIN_STARTED: Notifying services of ISSU (PID [dec]).

Explanation This message indicates that the system has started notifying services for the ISSU. Services can block the upgrade at this point.

Recommended Action No action is required.

Error Message SYSMGR-5-LC_UPGRADE_REBOOT: Rebooting linecard as a part of upgrade

Explanation Linecard is being rebooted as a part of upgrade

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-LC_UPGRADE_START: Starting linecard upgrade

Explanation Linecard upgrade is starting

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-MODULE_ONLINE: System Manager has received notification of local module becoming online.

Explanation System Manager has received notification of local module becoming online.

Recommended Action No action is required.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_ASCII_CONFIG: Startup-config version not present.

Explanation Startup-config version not present.

Recommended Action Startup-config version is not present. Ascii configuration will be applied.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_DONE: Partial configuration copy successful.

Explanation The requested configuration copy has completed successfully.

Recommended Action No action is required.

Error Message SYSMGR-5-PARTIAL_CFGWRITE_STARTED: Partial configuration copy started by UUID [hex] (PID [dec]).

Explanation This message is printed only on active supervisor, and indicates that service with mentioned UUID has requested a partial write mem. [dec] is the Process-ID of the process servicing the request.

Recommended Action No action is required.

Error Message SYSMGR-5-RECOVERY_FAILED: Stateful recovery failed, system manager will now start stateless.

Explanation Stateful recovery failed, system manager will now restart system and start stateless.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_RESTORE_STARTED: Runtime database controller started (PID [dec]).

Explanation This message indicates that the system has started the restoration of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_RESTORE_SUCCESS: Runtime database successfully restored.

Explanation This message indicates that the runtime database has been successfully restored for the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-RUNTIME_DB_SAVE_STARTED: Runtime database save has started (PID [dec]).

Explanation This message indicates that the system has started the saving of the runtime database. This happens during the non-disruptive fabric switch upgrade.

Recommended Action No action is required.

Error Message SYSMGR-5-SERVICE_DELETED: Service [chars] has been removed from the System Manager database.

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

Error Message SYSMGR-5-STATEFUL_STATE: System Manager is in state [chars] after stateful restart.

Explanation System Manager has been restarted stateful after an error that resulted in System Manager exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-5-SUBPROC_KILLED: "[chars]" (PID [dec]) hasntcaughtsignal[dec][chars]'

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-5-SUBPROC_TERMINATED: "[chars]" (PID [dec]) has finished with error code [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-5-UGRP_COMPLETED: Upgrade completed for group [dec].

Explanation This is a legacy message that can be ignored from Cisco MDS SAN-OS release 1.3(4a).

Recommended Action No action is required.

SYSMGR-6

Error Message SYSMGR-6-ALL_SCOPES_STARTED: System services have completely started at this time.

Explanation System services have completely started at this time.

Recommended Action No action is required.

Error Message SYSMGR-6-HANDSHAKE_DONE: Handshake with service "[chars]" successfully performed.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-HANDSHAKE_VERIFYING_DONE: Handshake verification done from service "[chars]".

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-LC_UPG_DEBUG: LC DEBUG: [chars]

Explanation Linecard upgrade debug message

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message SYSMGR-6-RLIMIT_INFO: rlimit of service "[chars]"([dec]) = %llu

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-SERVICE_STARTED: Service "[chars]" in vdc [dec] started with PID([dec]).

Explanation The System Manager is starting a service. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-6-SERVICE_SUCCESS_EXIT: Service [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).

Explanation A service has successfully exited its execution.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSCOPE_COMPLETED: Completed execution for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSCOPE_STARTED: Started execution for scope [chars].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRVSTATE_CHANGED: State for service "[chars]" changed from [chars] to [chars] in vdc [dec].

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SRV_ENQUEUED_FOR_START: Conditional service "[chars]" started by sap "[dec]" has been enqueued for start.

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-STATE_CHANGED: System Manager state changed from [chars] to [chars] for vdc [dec].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-SUBPROC_SUCCESS_EXIT: [chars] (PID [dec]) has successfully exited with exit code [chars] ([dec]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-6-SUPERSTATE_CHANGED: System Manager super state changed from [chars] to [chars] for vdc [dec].

Explanation

Recommended Action No action is required.

Error Message SYSMGR-6-UNEXPECTED_GSYNC_RESTART_STANDBY: Sending a message to restart system on standby on vdc [dec].

Explanation Activity occurred on active supervisor that is incompatible with state of standby. System will be restarted on standby.

Recommended Action No action is required.

SYSMGR-7

Error Message SYSMGR-7-CFGWRITE_UNEXPECTEDRSP: Discarding unexpected response from service "[chars]".

Explanation

Recommended Action No action is required.

Error Message SYSMGR-7-DUPLICATED_PFM_HANDSHAKE: PFM-handshake received from service [chars], but information already available.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-LIBCDB_FAILURE: Conversion for service "[chars]" failed in libcdb.

Explanation This message indicates that either the system could not find conversion tarball or there is no conversion library needed for this service.

Recommended Action No action is required.

Error Message SYSMGR-7-LIBVDB_FAILURE: Conversion for service "[chars]" failed in libvdb.

Explanation This message indicates that the system could not find package information for this service in the version database.

Recommended Action No action is required.

Error Message SYSMGR-7-ND_UPGD_RECOVERY_SRVSUCCEEDED: Service "[chars]" recovered its state during non-disruptive upgrade.

Explanation

Recommended Action No action is required.

Error Message SYSMGR-7-NO_STARTUP_CONFIG: No startup-config to convert.

Explanation This message indicates that the system tried to convert startup configuration but it found no configuration to convert.

Recommended Action No action is required.

Error Message SYSMGR-7-SWITCHOVER_SRVSUCCEEDED: Service "[chars]" completed its switchover actions.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNEXPECTEDMSG: Opcode [dec] not expected at this time from service "[chars]" ([chars]).

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNADDR: Opcode [dec] received from unknown source [chars]. Discarding.

Explanation This message is for Cisco TAC debugging. This is not a problem or malfunction.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNMSG: Unknown opcode [dec] received from [chars].

Explanation The System Manager has received an unrecognized message with the specified opcode. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNPID: Opcode [dec] received from [chars] with unknown PID [dec]. Discarding.

Explanation The System Manager has received a message from an unknown process. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

Error Message SYSMGR-7-UNKNOWNUUID: Opcode [dec] received from [chars] with unknown UUID [dec]. Discarding.

Explanation The System Manager has received an unrecognized message from the specified UUID. [chars] is the source of the message. This message is for debugging purposes only.

Recommended Action No action is required.

SYSTEM HEALTH LC Messages

This section contains the SYSTEM HEALTH LC messages.

SYSTEM HEALTH LC-2

Error Message SYSTEM HEALTH LC-2-OHMS_FIPS_FAILURE: FIPS compliance error during random number generation.

Explanation FIPS compliance error.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_CF_CRC_FAILED: Compact Flash firmware CRC checksum on module [dec] is corrupted.

Explanation Compact flash firmware has been corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_CF_INIT_ERRORS: Compact Flash firmware CRC checksum procedure encountered an error during initialization on module [dec], reason: ([chars]).

Explanation Compact flash CRC checksum initializations failed.

Recommended Action Check the compact flash on the board and any relevant system (mis)configurations.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_CF_REFLASH_FAILED: Compact Flash firmware refresh procedure failed, replace the compact flash on module [dec]. Reason [dec]

Explanation Compact flash firmware has been corrupted is corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEM HEALTH LC-2-OHMS_LC_TCAM_PARITY_OFLOW: Too many TCAM Parity errors detected on module [dec]

Explanation More parity errors than that can be corrected were detected on the affected module

Recommended Action Please schedule a downtime and reload the module. If these errors continue to happen even after module reload, please replace the module

SYSTEM HEALTH LC-4

Error Message SYSTEM HEALTH LC-4-OHMS_BOOTFLASH_ERRORS: Bootflash test has encountered an error on module [dec] Reason:([chars]).

Explanation Compact flash test errors.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_EXIT: Online System Health exiting due to internal errors. Reason [dec]

Explanation Online System Health exiting due to internal errors.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_BATTERY_ERRORS: Battery test on module [dec] has stopped due to internal errors.

Explanation Battery test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_BOOTFLASH_TEST_ERR: Bootflash test cannot proceed due to internal errors on module [dec].

Explanation Compact flash test has had too many internal errors.

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CACHE_DISK_ERRORS: Cache disk test on module [dec] dpp [dec] has stopped due to internal errors.

Explanation Cache disk test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CF_CRC_PASSED: Compact Flash firmware on module [dec] is healthy at this time.

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

SYSTEM HEALTH LC-4-OHMS_LC_CF_CRC_PROCESS_ERR:

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CF_CRC_PROCESS_ERR: Compact flash firmware CRC checksum procedure failed on module [dec]. Reason [dec]

Explanation Compact flash firmware CRC checksum procedure failed.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module cf-crc-check. If the condition still persist, schedule a downtime and replace the compact flash on the affected module.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CF_RECALLED: Compact Flash on module [dec] was recalled.

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CF_REFLASH_PASSED: Compact Flash firmware was successfully refreshed on module [dec].

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_CF_UNRESPONSIVE: Recalled Compact Flash on module [dec] is unresponsive.

Explanation The Compact flash model has data retention issues and need to be replaced.

Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_EOBC_ERRORS: EOBC test on module [dec] has stopped due to internal errors.

Explanation EOBC test internal errors

Recommended Action No action is required.

Error Message SYSTEM HEALTH LC-4-OHMS_LC_EOBC_HALTED: EOBC Test Halted for module [dec]. Module needs EPLD Upgrade

Explanation Module does not have the minimum required EPLD version to run EOBC test.

Recommended Action Please upgrade the module with the latest EPLDs.'

Error Message SYSTEM HEALTH LC-4-OHMS_LC_TCAM_PARITY_ACL_FIB_TIMEOUT: TCAM test timeout waiting for ACL/FIB to update TCAM on module [dec]

Explanation System health TCAM test timeout occurred while waiting for response from ACL/FIB

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message 7 SYSTEM HEALTH LC-4-OHMS_LC_TCAM_PARITY_ACL_FIB_UPDATE_FAILING: Tcam test failed as ACL/FIB failed to update TCAM on module [dec]

Explanation ACL/FIB failed to update TCAM after soft parity errors were encountered.

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

SYSTEM HEALTH LC-6

Error Message SYSTEM HEALTH LC-6-OHMS_LC_STARTED: Online System Health started on LC.

Explanation Online System Health started on a line card.

Recommended Action No action is required.

SYSTEMHEALTH Messages

This section contains the SYSTEMHEALTH messages.

SYSTEMHEALTH-2

Error Message SYSTEMHEALTH-2-OHMS_BATTERY_FAILED: Battery [dec] failed for module [dec]. Reason: [chars].

Explanation Battery failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_DAY: Bootflash hard resets for module [dec] has reached threshold limit in 24 hours.

Explanation Bootflash hard resets reached threshold limit in 24 hours.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED_RESET_LIFE: Bootflash hard resets for module [dec] has reached the maximum threshold limit.

Explanation Bootflash hard resets reached maximum threshold limit.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_BOOTFLASH_FAILED: Bootflash test maximum failures reached for module [dec] Reason: ([chars]).

Explanation Bootflash failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_CACHE_DISK_FAILED: Cache disk [dec] failed for module [dec].

Explanation Cache disk failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EMGMT_FAILED: Management port failed for module [dec].

Explanation Ethernet management port failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_EOBC_FAILED: EOBC test failed for module [dec].

Explanation EOBC test failed for module.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FIPS_FAILURE: FIPS compliance error during random number generation.

Explanation FIPS compliance error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_FAILED: Free Disk Space on partition [chars] is below [chars] threshold for module [dec].

Explanation System Health Free Disk Space below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

Error Message SYSTEMHEALTH-2-OHMS_FREE_DISK_RUNNING: Free Disk Space on partition [chars] have increased and is above [chars] threshold for module [dec].

Explanation System Health Free Disk Space above threshold.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_INBAND_FAILED: Inband test maximum failures reached for module [dec].

Explanation Inband failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_PORT_LB_TEST_FAILED: Module [dec] Port [dec] has failed loop back tests.

Explanation Port loop-back test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_RELOAD_REQ: Module [dec] reload being requested due to errors found by [chars] test.

Explanation System Health Module Reload Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_MOD_SNAKE_TEST_FAILED: Module [dec] has failed snake loopback tests.

Explanation Snake test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_NVRAM_FAILED: Nvram test maximum failures reached for module [dec] for blocks 0x%llx.

Explanation Nvram failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_FAILED: Compact Flash firmware CRC checksum on module [dec] is corrupted.

Explanation Compact flash firmware has been corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_CRC_INIT_ERRORS: Compact Flash firmware CRC checksum procedure encountered an error during initialization on module [dec], reason: ([chars]).

Explanation Compact flash CRC checksum initializations failed.

Recommended Action Check the compact flash on the board and any relevant system (mis)configurations.

Error Message SYSTEMHEALTH-2-OHMS_SUP_CF_REFLASH_FAILED: Compact Flash firmware refresh procedure failed, replace the compact flash on module [dec]. Reason [dec]

Explanation Compact flash firmware has been corrupted is corrupted.

Recommended Action Replace the compact flash on this module.

Error Message SYSTEMHEALTH-2-OHMS_SWITCHOVER_REQ: Supervisor switch over being requested due to errors found [chars] test.

Explanation System Health Switch Over Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_SWITCH_RELOAD_REQ: Switch reload request due to errors found [chars] test.

Explanation System Health Switch Reload Request.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-2-OHMS_TCAM_PARITY_FAILED: TCAM test failed for module [dec].

Explanation TCAM test failed for module as uncorrectable parity errors were detected.

Recommended Action Please schedule a downtime and replace the module.

Error Message SYSTEMHEALTH-2-OHMS_TCAM_PARITY_OFLOW: Too many TCAM Parity errors detected on module [dec]

Explanation More parity errors than that can be corrected were detected on the affected module

Recommended Action Please schedule a downtime and reload the module. If these errors continue to happen even after module reload, please replace the module

SYSTEMHEALTH-4

Error Message SYSTEMHEALTH-4-OHMS_BATTERY_ERRORS: Battery test on module [dec] has been suspended due to internal errors.

Explanation Battery test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_BOOTFLASH_TEST_ERRORS: Bootflash test cannot proceed due to internal errors on module [dec].

Explanation Compact flash test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CACHE_DISK_ERRORS: Cache disk test on module [dec] dpp [dec] has been suspended due to internal errors.

Explanation Cache disk test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_CF_CRC_PASSED: Compact Flash firmware on module [dec] is healthy at this time.

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_CF_REFLASH_PASSED: Compact Flash firmware was successfully refreshed on module [dec].

Explanation The Compact Flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_EMGMT_ERRORS: Management port test cannot proceed due to internal errors on module [dec].

Explanation Ethernet management port internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_ERRORS: EOBC test on module [dec] has been suspended due to internal errors.

Explanation EOBC test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_EOBC_HALTED: EOBC Test Halted for module [dec].
Module needs EPLD Upgrade

Explanation Module does not have the minimum required EPLD version to run EOBC test.

Recommended Action Please upgrade the module with the latest EPLDs.'

Error Message SYSTEMHEALTH-4-OHMS_EXIT: Online System Health exiting due to internal errors. Reason [dec].

Explanation Online System Health exiting due to internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FAIL_ACTION_NOTICE: Failure action not taken, failure action is disabled.

Explanation System Health SERDES test failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_ERRORS: Too many errors on module [dec] while running the Free Disk Space test for partition [chars].

Explanation System Health Free Disk Space test has too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_FREE_DISK_FAILING: Free Disk Space on partition [chars] is starting to go below threshold for module [dec]

Explanation System Health Free Disk Space going below threshold.

Recommended Action Force a switch over if a standby supervisor is available, or reboot the switch to recover

Error Message SYSTEMHEALTH-4-OHMS_INBAND_FAILING1: Inband test failed [dec] times for module [dec].

Explanation Inband Failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_INBAND_TEST_ERRORS: Too many errors while running the inband test.

Explanation Inband test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_EXITED: System Health process running on module [dec] exited due to internal errors. Will attempt to restart.

Explanation System Health line card daemon exited.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_FAILED: System Health process running on module [dec] failed due to fatal errors.

Explanation System Health line card daemon failed.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_LC_DAEMON_RESTARTED: System Health process running on module [dec] restarted.

Explanation System Health line card daemon restarted.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_PATH_FAILURE: Snake Loopback data path failure on module [dec].

Explanation Snake data path only error.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_MOD_SNAKE_TEST_ERRORS: Snake Loopback test cannot proceed due to internal errors for module [dec].

Explanation Snake test internal errors.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_NVRAM_ERRORS: Too many errors on module [dec] while running the Nvram test.

Explanation Nvram test has had too many errors while running.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SERDES_FAILED: SERDES loopback test on interface fc[dec]/[dec] failed.

Explanation System Health SERDES Test Failure.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SUP_BOOTFLASH_ERRORS: Bootflash test has encountered an error on module [dec] Reason:([chars]).

Explanation Compact flash test errors on supervisor.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_INTERM_ERRORS: Compact flash firmware CRC checksum procedure cannot proceed due to internal errors on module [dec].

Explanation Compact flash firmware CRC checksum procedure ended up in errors.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_PROCESS_ERRORS: Compact flash firmware CRC checksum procedure failed on module [dec]. Reason [dec]

Explanation Compact flash firmware CRC checksum procedure failed.

Recommended Action Try restarting the cf-crc-check using system health clear-errors module <x

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_CRC_TEST_FAILING: Compact flash firmware CRC checksum validation starting to fail on module [dec].

Explanation Compact flash firmware CRC checksum might be bad on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_RECALLED: Compact Flash on module [dec] was recalled.

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_INTERN_ERRORS: Compact Flash firmware re-flash procedure cannot proceed due to internal errors on module [dec].

Explanation Compact flash firmware re-flash procedure ended up in errors.

Recommended Action Try restarting the test using system health clear-errors module <x

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_REFLASH_TEST_FAILING: Compact flash firmware refresh procedure starting to fail on module [dec].

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message SYSTEMHEALTH-4-OHMS_SUP_CF_UNRESPONSIVE: Recalled Compact Flash on module [dec] is unresponsive.

Explanation The Compact flash model has data retention issues and need to be replaced.

Recommended Action Please schedule a downtime and replace the compact flash on this module.

Error Message SYSTEMHEALTH-4-OHMS_SVC_DAEMON_FAILED: System Health process running on module [dec] SVC node [dec] exited due to errors.

Explanation OHMS SVC daemon exited.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_TIMEOUT: TCAM test timeout waiting for ACL/FIB to update TCAM on module [dec]

Explanation System health TCAM test timeout occurred while waiting for response from ACL/FIB

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ACL_FIB_UPDATE_FAILING: Tcam test failed as ACL/FIB failed to update TCAM on module [dec]

Explanation ACL/FIB failed to update TCAM after soft parity errors were encountered.

Recommended Action If significant packet drops are encountered in the forwarding engine, please schedule a downtime and reload the module

Error Message SYSTEMHEALTH-4-OHMS_TCAM_PARITY_ERRORS: TCAM test on module [dec] has been suspended due to internal errors.

Explanation TCAM test internal errors.

Recommended Action No action is required.

SYSTEMHEALTH-5

Error Message SYSTEMHEALTH-5-OHMS_BATTERY_FAILING: Battery [dec] starting to fail on module [dec]. Reason: [chars].

Explanation System Health battery failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_BOOTFLASH_FAILING: Bootflash starting to fail on module [dec].

Explanation System Health bootflash failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_CDISK_FAILING: Cache disk [dec] starting to fail on module [dec].

Explanation System Health cache disk failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EMGMT_FAILING: Management port on module [dec] starting to show signs of failures.

Explanation System Health emgmt failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_EOBC_FAILING: EOBC starting to fail on module [dec].

Explanation System Health eobc failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_INBAND_FAILING: Inband starting to fail on module [dec].

Explanation System Health inband failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_NVRAM_FAILING: Nvram starting to fail on module [dec].

Explanation System Health Nvram failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_SUP_CF_ERRORS_CLEARED: Compact flash failing conditions on module [dec] has been cleared.

Explanation Compact flash might be dead on this module.

Recommended Action Schedule a downtime and replace the compact flash on the affected module. Do not attempt any hitless up/downgrades.

Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_CLEARED: Failing conditions for TCAM on module [dec] have been cleared.

Explanation System Health TCAM failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TCAM_PARITY_FAILING: TCAM starting to fail on module [dec].

Explanation System Health Tcam failing.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-5-OHMS_TEST_FAILING: [chars] test starting to fail on module [dec].

Explanation System Health test failing.

Recommended Action No action is required.

SYSTEMHEALTH-6

Error Message SYSTEMHEALTH-6-OHMS_ASIC_FAILURE_INFO: Module [dec] Asic [chars] instance [dec] probable cause of failure.

Explanation HW failure analysis findings.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BATTERY_CLEARED: Failing conditions for battery [dec] on module [dec] have been cleared.

Explanation System Health battery failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_BOOTFLASH_CLEARED: Failing conditions for bootflash on module [dec] have been cleared.

Explanation System Health bootflash failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_CDISK_CLEARED: Failing conditions for cache disk [dec] on module [dec] have been cleared.

Explanation System Health cache disk failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EMGMT_CLEARED: Failing conditions for management port on module [dec] have been cleared.

Explanation System Health emgmt failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_EOBC_CLEARED: Failing conditions for EOBC on module [dec] have been cleared.

Explanation System Health eobc failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_FAILURE_CLEARED: Failing conditions for test [chars] have been cleared on module [dec].

Explanation System Health failure cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_CLEARED: Failing conditions for inband on module [dec] have been cleared.

Explanation System Health inband failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_DROP: Inband Dropping frames from module [dec] due to unknown reasons.

Explanation System Health Inband non-timeout drop.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_TO_ERR: Inband Dropping frames from module [dec] due to timeout errors.

Explanation System Health Inband timeout drop.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_INBAND_TX_CONGESTION: Inband Unable to transmit due to TX path congestion on module [dec].

Explanation System Health Inband TX congestion.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_NVRAM_CLEARED: Failing conditions for Nvram on module [dec] have been cleared.

Explanation System Health Nvram failures cleared.

Recommended Action No action is required.

Error Message SYSTEMHEALTH-6-OHMS_STARTED: Online System Health started.

Explanation Online System Health started.

Recommended Action No action is required.

TACACS Messages

This section contains the TACACS messages.

TACACS-2

Error Message TACACS-2-TACACS_PROGRAM_EXIT: TACACS+ daemon exiting: [chars]

Explanation TACACS+ daemon is exiting.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

TACACS-3

Error Message TACACS-3-TACACS_ERROR_MESSAGE: [chars]

Explanation TACACS+ Error Message

Recommended Action No action is required.

TACACS-4

Error Message TACACS-4-TACACS_WARNING: [chars]

Explanation TACACS+ warning

Recommended Action No action is required.

TACACS-5

Error Message TACACS-5-TACACS_MONITOR_STATUS: [chars] [chars]

Explanation Notifying Tacacs+ server monitor status change

Recommended Action No action is required.

Error Message TACACS-5-TACACS_NOTIFICATION: [chars]

Explanation TACACS+ notification

Recommended Action No action is required.

Error Message TACACS-5-TACACS_SERVER_STATUS: [chars] server [chars] with auth-port [dec] and acct-port [dec] status has changed from [chars] to [chars]. Server was in previous-state for [chars], and total dead time of the server is [chars]

Explanation Notifying Tacacs+ server status change

Recommended Action No action is required.

TACACS-6

Error Message TACACS-6-TACACS_ACCOUNTING_MESSAGE: [chars]

Explanation Accounting Message

Recommended Action No action is required.

Error Message TACACS-6-TACACS_MESSAGE: [chars]

Explanation TACACS+ Message

Recommended Action No action is required.

TBIRD_CMN_USD Messages

This section contains the TBIRD_CMN_USD messages.

TBIRD_CMN_USD-6

Error Message TBIRD_CMN_USD-6-TBIRD_CMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_FWD_USD Messages

This section contains the TBIRD_FWD_USD messages.

TBIRD_FWD_USD-6

Error Message TBIRD_FWD_USD-6-TBIRD_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_MAC_USD Messages

This section contains the TBIRD_MAC_USD messages.

TBIRD_MAC_USD-3

Error Message TBIRD_MAC_USD-3-FCMAC_ERR_MSG: [chars]

Explanation Error log message

Recommended Action No action is required.

TBIRD_MAC_USD-6

Error Message TBIRD_MAC_USD-6-FCMAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_QUE_USD Messages

This section contains the TBIRD_QUE_USD messages.

TBIRD_QUE_USD-6

Error Message TBIRD_QUE_USD-6-TBIRD_QUE_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TBIRD_XBAR_USD Messages

This section contains the TBIRD_XBAR_USD messages.

TBIRD_XBAR_USD-6

Error Message TBIRD_XBAR_USD-6-TBIRD_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

TCAP Messages

This section contains the TCAP messages.

TCAP-2

Error Message TCAP-2-MEM_FULL: Memory allocation failed.

Explanation TCAP process has failed to allocate memory.

Recommended Action Please perform a `show tcap event-history` to collect more information.'

Error Message TCAP-2-PROC_DN: Process is shutting down: [chars]

Explanation TCAP process is exiting.

Recommended Action Please perform a `show tcap event-history` to collect more information.'

Error Message TCAP-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation TCAP process has failed initialization.

Recommended Action Please perform a `show tcap event-history` to collect more information.'

TIM Messages

This section contains the TIM messages.

TIM-2

Error Message TIM-2-IF_CRITICAL_FAILURE: (Debug syslog) Critical failure: [chars], [chars]

Explanation There was a critical failure in the component.

Recommended Action Please follow instructions on the syslog.

Error Message TIM-2-IF_DOWN_ERROR_DISABLED: Interface [chars] is down (Error disabled. Reason:[chars])

Explanation The interface encountered an error while configuring it

Recommended Action Collect more information about failed interface using command `show port internal all interface [char]`. In most cases, you can recover using a `shutdown` followed by a `no shutdown` on the interface or removing and re-inserting the fibre optic cable.'

Error Message TIM-2-IF_DOWN_LINK_FAILURE_CRIT: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message TIM-2-SEQ_TIMEOUT: Component [chars] timed out on response to opcode [chars] ([chars])

Explanation Some component did not respond to a request in stipulated time.

Recommended Action None

Error Message TIM-2-SYSLOG_TIM_CRITICAL: Critical failure: [chars]

Explanation There was a critical failure in the component.

Recommended Action Please collect system tech-support

TIM Messages

TIM-3

Error Message TIM-3-IF_DOWN_CHANNEL_ERR_DISABLED: Interface [chars] is down (Channel error disabled)

Explanation This interface belongs to a PortChannel and the PortChannel is error disabled

Recommended Action Perform shut'and'noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message TIM-3-IF_ERROR_VLANS_REMOVED: VLANs [chars] on Interface [chars] are removed from suspended state.

Explanation The VLANs on an interface are being removed from the suspended state

Recommended Action No action is required.

Error Message TIM-3-IF_ERROR_VLANS_SUSPENDED: VLANs [chars] on Interface [chars] are being suspended. (Reason: [chars])

Explanation The VLANs on an interface are being suspended due to some protocol action

Recommended Action No action is required.

Error Message TIM-3-IF_SFP_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message TIM-3-IF_SFP_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message TIM-3-IF_UNSUPPORTED_TRANSCEIVER: Transceiver on interface [chars] is not supported

Explanation The transceiver for the interface specified in the error message is not a Cisco supported module

Recommended Action Replace the module with a compatible transceiver. If the transceiver was purchased from Cisco, please contact Cisco TAC to get the transceiver replaced

Error Message TIM-3-IF_XCVR_ALARM: Interface [chars], [chars]

Explanation There was an alarm on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message TIM-3-IF_XCVR_ERROR: Interface [chars], [chars]

Explanation There was an error on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

TIM Messages

TIM-4

Error Message TIM-4-IF_NON_QUALIFIED_TRANSCEIVER: Non-qualified transceiver on interface [chars] was detected

Explanation The transceiver for the interface specified has not been qualified on this platform for this software release

Recommended Action Replace the module with a supported transceiver. Contact Cisco TAC to get platform transceiver qualification details

Error Message TIM-4-IF_SFP_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

Error Message TIM-4-IF_XCVR_WARNING: Interface [chars], [chars]

Explanation There was an warning on the transceiver module

Recommended Action Please do show interface transceiver details to obtain more information

TIM Messages

TIM-5

Error Message TIM-5-IF_ADMIN_UP: Interface [chars] is admin up [chars]

Explanation Interface is admin up

Recommended Action No action is required.

Error Message TIM-5-IF_BANDWIDTH_CHANGE: Interface [chars],bandwidth changed to [chars] Kbit

Explanation Bandwidth of the interface (port channel) has changed and this change is updated

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_ADMIN_DOWN: Interface [chars] is down (Administratively down)

Explanation Interface has been configured to be administratively down

Recommended Action Perform noshutdown"

Error Message TIM-5-IF_DOWN_CFG_CHANGE: Interface [chars] is down(Config change)

Explanation FCIP interface temporarily down due to reconfiguration

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_CHANNEL_ADMIN_DOWN: Interface [chars] is down (Channel admin down)

Explanation This interface belongs to a PortChannel and the PortChannel is configured to be administratively down

Recommended Action Perform noshutdown'onthePortChannelinterfacethatitbelongsto'

Error Message TIM-5-IF_DOWN_CHANNEL_MEMBERSHIP_UPDATE_IN_PROGRESS: Interface [chars] is down (Channel membership update in progress)

Explanation The interface belongs to a PortChannel and a configuration is being attempted on the interface while there is a configuration in progress on the PortChannel

Recommended Action Retry the configuration again

Error Message TIM-5-IF_DOWN_DOMAIN_ADDR_ASSIGN_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to domain id assignment failure)

Explanation Isolated due to a failure while assigning a domain

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_DOMAIN_INVALID_RCF_RECEIVED: Interface [chars] is down (Isolation due to invalid fabric reconfiguration)

Explanation Invalid RCF received

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_DOMAIN_MANAGER_DISABLED: Interface [chars] is down (Isolation due to domain manager disabled)

Explanation Isolated due to domain manager being disabled

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_DOMAIN_MAX_RETRANSMISSION_FAILURE: Interface [chars] is down (Isolation due to domain manager other side not responding)

Explanation Remote end domain manager not responding

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_DOMAIN_OTHER_SIDE_EPORT_ISOLATED: Interface [chars] is down (Isolation due to domain other side eport isolated)

Explanation Isolating this interface due to the remote end being isolated

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_DOMAIN_OVERLAP_ISOLATION: Interface [chars] is down (Isolation due to domain overlap)

Explanation Isolated due to domain overlap

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_ELP_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ELP failure)

Explanation ELP failed on the interface

Recommended Action Check the output of showportinternalinfo'inthe'ELPfailurereason'field'

Error Message TIM-5-IF_DOWN_EPP_FAILURE: Interface [chars] is down (Error Disabled - EPP Failure)

Explanation Trunk protocol failed

Recommended Action showportinternalevent-historymsgs'willindicatethetrunkprotocolexchangestodeterminewhyitfailed'

Error Message TIM-5-IF_DOWN_ESC_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to ESC failure)

Explanation ESC failed on the interface

Recommended Action Check the output of showportinternalevent-history'todeterminetheESCprotocolexchangestodeterminehowitfailed'

Error Message TIM-5-IF_DOWN_ETH_IF_DOWN: Interface [chars] is down(Tunnel port src interface down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected, the interface is administratively enabled

Error Message TIM-5-IF_DOWN_ETH_LINK_DOWN: Interface [chars] is down(Tunnel port src interface link down)

Explanation Ethernet link to which the FCIP interface is bound is down

Recommended Action Ensure that the ethernet cable is connected and the remote end is also active

Error Message TIM-5-IF_DOWN_FCOT_NOT_PRESENT: Interface [chars] is down (FCOT not present)

Explanation The FCOT has been removed

Recommended Action Insert an FCOT

Error Message TIM-5-IF_DOWN_FCOT_VENDOR_NOT_SUPPORTED: Interface [chars] is down (Error disabled - Fcot vendor not supported)

Explanation Fcot inserted is not a supported one

Recommended Action Please contact customer support for a list of authorized transceiver vendors

Error Message TIM-5-IF_DOWN_HW_FAILURE: Interface [chars] is down (Hardware Failure)

Explanation The modules hardware has failed'

Recommended Action Collect more information about failed module using command showmoduleinternalallmodule"

Error Message TIM-5-IF_DOWN_INACTIVE: Interface [chars] is down (Inactive)

Explanation The port VSAN has been suspended or deleted

Recommended Action Assign a new active port VSAN to the interface

Error Message TIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_MODE: Interface [chars] is down (Error disabled - Incompatible admin port mode)

Explanation The configured mode is not supported on this interface

Recommended Action Perform a showportinternalinfo'todeterminethelistofmodessupportedonthisinterface'

Error Message TIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBBCREDIT: Interface [chars] is down (Error disabled - Incompatible admin port rxbbcredit)

Explanation The configured receive B2B credit size is not supported

Recommended Action Get the allowed receive B2B credit size from showportinternalinfo"

Error Message TIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_RXBUFSIZE: Interface [chars] is down (Error disabled - Incompatible admin port rxbufsize)

Explanation The configured receive buffer size is not supported

Recommended Action Get the allowed receive buffer size from showportinternalinfo"

Error Message TIM-5-IF_DOWN_INCOMPATIBLE_ADMIN_SPEED: Interface [chars] is down (Error disabled - Incompatible admin port speed)

Explanation The configured speed is not supported on this interface

Recommended Action Perform a `show port internal info` to determine the range of speeds supported on this interface'

Error Message TIM-5-IF_DOWN_INITIALIZING: Interface [chars] is down (Initializing)

Explanation The interface is in the process of coming up

Recommended Action If the interface is stuck in this state for a while, check the output of `show port internal event-history` to determine what it is waiting for'

Error Message TIM-5-IF_DOWN_INTERFACE_REMOVED: Interface [chars] is down (Interface removed)

Explanation Interface removed

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_LINK_FAILURE: Interface [chars] is down (Link failure)

Explanation The physical link has gone down

Recommended Action Ensure that the cable is connected and the remote end is not shut down

Error Message TIM-5-IF_DOWN_LOOPBACK_DIAG_FAILURE: Interface [chars] is down (Diag failure)

Explanation Diag failed on the interface

Recommended Action Collect more information about failed interface using command `attach module` to connect to module'

Error Message TIM-5-IF_DOWN_LOOPBACK_ISOLATION: Interface [chars] is down (Isolation due to port loopback to same switch)

Explanation The interface is looped back to another interface on the same switch

Recommended Action Check the connectivity of this interface and ensure that it is connected to another switch

Error Message TIM-5-IF_DOWN_MODULE_REMOVED: Interface [chars] is down (module removed)

Explanation Interface is down because the module was removed

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_NONE: Interface [chars] is down ([chars])

Explanation Interface is down with a possible reason.

Recommended Action Collect more information about port using command showportinternalinfo/event-history'todeterminewhyitwentdown'

Error Message TIM-5-IF_DOWN_NON_PARTICIPATING: Interface [chars] is down (Non participating)

Explanation The loop port has been put into non participating mode

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_OFFLINE: Interface [chars] is down (Offline)

Explanation The interface has been placed into the offline state

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_PARENT_ADMIN_DOWN: Interface [chars] is down (Parent interface down)

Explanation Parent interface is down

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_PEER_CLOSE: Interface [chars] is down(TCP conn. closed by peer)

Explanation The FCIP peer connected to this interface closed the TCP connection

Recommended Action This command will provide the peer IP address of this FCIP interface: show interface. Check to see why the peer closed the TCP connection

Error Message TIM-5-IF_DOWN_PEER_RESET: Interface [chars] is down(TCP conn. reset by peer)

Explanation TCP connection to the FCIP peer got reset

Recommended Action The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Check to see why the peer reset the TCP connection

Error Message TIM-5-IF_DOWN_PORT_CHANNEL_MEMBERS_DOWN: Interface [chars] is down (No operational members)

Explanation This is a PortChannel interface and all its members are operationally down

Recommended Action Enable at least one of the PortChannelmembers'

Error Message TIM-5-IF_DOWN_PORT_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to port vsan mismatch)

Explanation Isolated due to a mismatch in the configured port VSAN of the local and remote ends

Recommended Action Configure the port VSAN of the local and remote interfaces to be the same and perform a shutdown'anda'noshutdown"

Error Message TIM-5-IF_DOWN_RCF_IN_PROGRESS: Interface [chars] is down (RCF in progress)

Explanation There is an RCF in progress

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_SOFTWARE_FAILURE: Interface [chars] is down (Port software failure)

Explanation The software servicing the data path on the port has failed

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_SRC_MOD_NOT_ONLINE: Interface [chars] is down(Tunnel source module not online)

Explanation Module that has the tunnel source port of this FCIP interface is not fully online

Recommended Action The module that has the tunnel src port is coming online. Please use show mod to find module status

Error Message TIM-5-IF_DOWN_SRC_PORT_NOT_BOUND: Interface [chars] is down (Tunnel port src interface unbound)

Explanation Tunnel port source interface unbound

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_SRC_PORT_REMOVED: Interface [chars] is down(Tunnel src port removed)

Explanation Tunnel source port of this FCIP interface has been removed

Recommended Action The src interface with ip address that matches the ip address of the bound entity is removed. This happens normally due to the module on which the src interface exists is removed

Error Message TIM-5-IF_DOWN_SUSPENDED_BY_MODE: Interface [chars] is down (Suspended due to incompatible mode)

Explanation This interface belongs to a PortChannel and operational mode of the interface is different from that of the PortChannel

Recommended Action Change the mode and the trunking mode of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message TIM-5-IF_DOWN_SUSPENDED_BY_SPEED: Interface [chars] is down (Suspended due to incompatible speed)

Explanation This interface belongs to a PortChannel and operational speed of the interface is different from that of the PortChannel

Recommended Action Change the speed of the PortChannel from auto'andchecktoensurethattheremoteendoftheinterfacealsobelongstothesamePortChannel'

Error Message TIM-5-IF_DOWN_SUSPENDED_BY_WWN: Interface [chars] is down (Suspended due to incompatible remote switch WWN)

Explanation This interface belongs to a PortChannel and remote switch WWN of the interface is different from that of the PortChannel

Recommended Action Ensure that this interface is connected to the same remote switch as all the other interfaces in the PortChannel

Error Message TIM-5-IF_DOWN_SUSPENDED: Interface [chars] is down (Suspended)

Explanation This interface belongs to a PortChannel and has been suspended due to an error while bringing it up

Recommended Action Perform a shutdown'anda'noshutdown'.Ifthishappensagainobtainoutputof'showportinternalinfo/event-history' ontheinterface'

Error Message TIM-5-IF_DOWN_TCP_KEEP_ALIVE_EXPIRED: Interface [chars] is down(TCP conn. closed - Keep alive expired)

Explanation TCP session to the FCIP peer got closed due to loss of TCP keep alive

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message TIM-5-IF_DOWN_TCP_MAX_RETRANSMIT: Interface [chars] is down(TCP conn. closed - retransmit failure)

Explanation Interface is down due to maximum retransmission failure

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message TIM-5-IF_DOWN_TCP_PERSIST_TIMER_EXPIRED: Interface [chars] is down(TCP conn. closed - Persist timer expired)

Explanation TCP session to the FCIP peer closed because TCP persist timer expired

Recommended Action This may be due to loss of IP connectivity. The following commands will provide the IP address of the peer and the route used connect to this FCIP peer: show interface, show ip route. Please do a trace route to check the connectivity to the peer using command:traceroute ipaddr

Error Message TIM-5-IF_DOWN_UPGRADE_IN_PROGRESS: Interface [chars] is down (Linecard upgrade in progress)

Explanation Upgrade of the linecard software is in progress

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_VRF_UNUSABLE: Interface [chars] is down (Vrf down)

Explanation The vrf for which this interface is a member is removed

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_VSAN_MISMATCH_ISOLATION: Interface [chars] is down (Isolation due to vsan mismatch)

Explanation This is a trunking interface and the VSANs configured do not match with the VSANs configured on the remote end

Recommended Action Check the VSANs configured on the local end with the remote end

Error Message TIM-5-IF_DOWN_ZONE_MERGE_FAILURE_ISOLATION: Interface [chars] is down (Isolation due to zone merge failure)

Explanation Isolated due to a failure during zone merge

Recommended Action No action is required.

Error Message TIM-5-IF_DOWN_ZONE_REMOTE_NO_RESP_ISOLATION: Interface [chars] is down (Isolation due to remote zone server not responding)

Explanation Isolated due to remote zone server not responding

Recommended Action No action is required.

Error Message TIM-5-IF_DUPLEX: Interface [chars], operational duplex mode changed to [chars]

Explanation Operational duplex mode has changed when link came up

Recommended Action No action is required.

Error Message TIM-5-IF_ERRDIS_RECOVERY: Interface [chars] is being recovered from error disabled state (Last Reason:[chars])

Explanation Interface is being recovered from error disabled state

Recommended Action No action is required.

Error Message TIM-5-IF_HARDWARE: Interface [chars], hardware type changed to [chars]

Explanation There was a change in the hardware characteristic of an interface, such as a transceiver module plugged in or removed

Recommended Action No action is required.

Error Message TIM-5-IF_L2MP_MODE: Interface [chars], l2mp-mode changed to [chars]

Explanation The l2mp-mode on the port has changed

Recommended Action No action is required.

Error Message TIM-5-IF_RX_FLOW_CONTROL: Interface [chars], operational Receive Flow Control state changed to [chars]

Explanation Operational receive flow control has changed when link came up

Recommended Action No action is required.

Error Message TIM-5-IF_TRUNK_DOWN: Interface [chars], vlan [chars] down

Explanation Interface [chars] is trunking, VLANs [chars] are down

Recommended Action The following commands will help determine why this VSAN is down on this interface: show interface, show port internal info interface VSAN, show port internal event-history interface vsan

Error Message TIM-5-IF_TRUNK_UP: Interface [chars], vlan [chars] up

Explanation Interface [chars] is trunking, VLANs [chars] are up

Recommended Action No action is required.

Error Message TIM-5-IF_TX_FLOW_CONTROL: Interface [chars], operational Transmit Flow Control state changed to [chars]

Explanation Operational transmit flow control has changed when link came up

Recommended Action No action is required.

Error Message TIM-5-IF_UP: Interface [chars] is up [chars]

Explanation Interface is up in mode specified, if applicable

Recommended Action No action is required.

Error Message TIM-5-SPEED: Interface [chars], operational speed changed to [chars]

Explanation Operational speed has changed when link came up

Recommended Action No action is required.

Error Message TIM-5-STORM_CONTROL_ABOVE_THRESHOLD: Traffic in port [chars] exceeds the configured threshold [chars]

Explanation Traffic on specified port is beyond the configured storm-control threshold, and the excess traffic is being dropped

Recommended Action Identify source of traffic storm

Error Message TIM-5-STORM_CONTROL_BELOW_THRESHOLD: Traffic in port [chars] has fallen below the configured threshold [chars]

Explanation Traffic on specified port has returned to within configured storm-control threshold

Recommended Action No action is required.

TLPORT Messages

This section contains the TLPORT messages.

TLPORT-2

Error Message TLPORT-2-INITFAIL: TL Port Manager Initialization failed: [chars]

Explanation TL Port Manager initialization failed. [chars] explains the reason for the failure.

Recommended Action No action is required.

TLPORT-3

Error Message TLPORT-3-ALLOCFAIL: Heap Memory allocation failed: [chars]

Explanation TL Port Manager is out of dynamic memory. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

Error Message TLPORT-3-FC2ERROR: [chars]

Explanation TL Port Manager encountered an FC2 error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message TLPORT-3-GENERROR: [chars]

Explanation TL Port Manager encountered a general error, one that does not fall in any of the above categories. [chars] describes the error and its context.

Recommended Action No action is required.

Error Message TLPORT-3-MTSERROR: [chars]

Explanation TL Port Manager encountered an MTS error. [chars] specifies the context where the error occurred.

Recommended Action No action is required.

Error Message TLPORT-3-PSSERROR: [chars]

Explanation TL Port Manager encountered a PSS error. [chars] specifies the context where the failure occurred.

Recommended Action No action is required.

TLPORT-4

Error Message TLPORT-4-TLPM_ALPA_CACHE_FULL: Translation Port ALPA cache is full. Some new entries may not be cached

Explanation TL Port cache is currently fully populated with active entries. Hence, there is no available cache space to be assigned any newly created alpa entry on a TL Port. This is an informational message.

Recommended Action No action is required.

TLPORT-6

Error Message TLPORT-6-MGRCREATED: Translation Port Manager created.

Explanation TL Port Manager was created successfully and is up and running. This is an informational message.

Recommended Action No action is required.

Error Message TLPORT-6-MGREXIT: Translation Port Manager shutting down gracefully.

Explanation TL Port Manager is shutting down gracefully. This is an informational message.

Recommended Action No action is required.

Error Message TLPORT-6-PORTDOWN: Translation Port [chars] DOWN.

Explanation A port configured as TL Port is DOWN and out of operation. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

Error Message TLPORT-6-PORTUP: Translation Port [chars] UP.

Explanation A port configured as TL Port is UP and operational. [chars] is the interface-id string that identifies the TL Port. This is an informational message.

Recommended Action No action is required.

TPC Messages

This section contains the TPC messages.

TPC-SLOT#-5

Error Message TPC-SLOT#-5-LOG_ERR_TPC_DPP_DEAD: VSAN :[dec] VT pWWN :[chars] DPP died

Explanation The DPP associated with the Virtual Target has crashed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_ACT_FAILED: VSAN :[dec] VT pWWN :[chars] VT Activate failed

Explanation The activate step for a Virtual Target has failed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_CREATE_FAIL: VSAN :[dec] VT pWWN :[chars] VT and NPort creation FAILED !!!

Explanation The Virtual Target and nport creation failed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_DESTROYED: VSAN :[dec] Virtual Target : [chars] Deleted

Explanation The Virtual Target in the associated VSAN is being destroyed

Recommended Action No action is required.

Error Message TPC-SLOT#-5-LOG_ERR_TPC_VT_VSAN_DOWN: VSAN :[dec] VT pWWN :[chars] VSAN down

Explanation The VSAN where the Virtual Target is configured is down

Recommended Action No action is required.

TTYD Messages

This section contains the TTYD messages.

TTYD-2

Error Message TTYD-2-TTYD_ERROR: TTYD Error [chars]

Explanation Critical TTY daemon error.

Recommended Action No action is required.

Error Message TTYD-2-TTYD_MTS: TTYD Message queue [dec] [chars]

Explanation TTY daemon message error.

Recommended Action No action is required.

Error Message TTYD-2-TTYD_SDWRAP: TTYD Debug Facility error [dec] [chars]

Explanation TTY daemon Debug Facility failed.

Recommended Action No action is required.

TTYD-3

Error Message TTYD-3-TTYD_MISC_ERROR: Error [chars] with error [chars]([hex])

Explanation TTY daemon errors.

Recommended Action No action is required.

TTYD-6

Error Message TTYD-6-TTYD_MISC: TTYD [chars]

Explanation The tty daemon miscellaneous message.

Recommended Action No action is required.

Error Message TTYD-6-TTYD_PSS: TTYD Store error:[hex] [chars]

Explanation Failed to store configuration for TTY service.

Recommended Action No action is required.

TUNNEL Messages

This section contains the TUNNEL messages.

TUNNEL-2

Error Message TUNNEL-2-FEATURE_ENABLE_FAILED: failed to enable feature tunnel, reason [chars] ([hex])

Explanation Failed to enable feature tunnel, reason [char] ([int])

Recommended Action Check the failure reason and take appropriate action to fix the failure. if unable to fix, please capture "show tech-support tunnel"

Error Message TUNNEL-2-TM_F2_ONLY_VDC: Tunnel feature is not supported in F2 only VDC

Explanation Tunnel feature is not supported in F2 only VDC

Error Message Disable the Tunnel feature by the CLI "no feature tunnel"

TUNNEL-3

Error Message TUNNEL-3-HW_PROGRAMMING_FAILED: for [chars], reason [chars]

Explanation Hardware programming failed for tunnel [num] interface

Recommended Action Try shutdown'and'noshutdown'undertunnelinterfacesubmodeaftersometime.ifstilltunnelinterfacedoesn't comeupcaptureshowtech-supporttunneltoidentifytheissue'

TUNNEL-4

Error Message TUNNEL-4-TM_DF_PROGRAMMING_FAILED: [chars] DF(dont fragment) programming failed! status [hex]

Explanation [chars] DF programming failed! status [int]

Recommended Action Capture "show tech-support tunnel " to identify why df flag programing failed

Error Message TUNNEL-4-TM_DF_PROGRAMMING: Programming [chars] DF(dont fragment) df.sel [dec] df.val [dec]

Explanation Programming [chars] DF df.sel [int] df.val [int]

Recommended Action No action is required.

Error Message TUNNEL-4-TM_MTU_PROGRAMMING_FAILED: [chars] mtu [dec] programming failed! status [hex]

Explanation [chars] mtu [int] programming failed! status [int]

Recommended Action Capture show "tech-support tunnel" to identify why MTU programming as failed. tunnel interface will used default mtu value

Error Message TUNNEL-4-TM_MTU_PROGRAMMING: Programming [chars] mtu [dec]...

Explanation Programming [chars] mtu [int]

Recommended Action No action is required.

TUNNEL-5

Error Message TUNNEL-5-IF_CLEAR_COUNTER: Interface [chars] counters is cleared

Explanation Interface [char] counters is cleared

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATED: Interface [chars] is created

Explanation Interface [char] is created

Recommended Action No action is required.

Error Message TUNNEL-5-IF_CREATE_FAILED: Interface [chars] creation failed due to [[hex]] [chars]

Explanation Interface [char] is creation failed due to [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-IF_DELETED: Interface [chars] is deleted

Explanation Interface [char] is deleted

Recommended Action No action is required.

Error Message TUNNEL-5-IF_STATE_UPDATE: Interface [chars] is [chars] reason [chars]

Explanation Interface [char] is [char] reason [char]

Recommended Action No action is required.

Error Message TUNNEL-5-PPF_SESSION_FAILED: session id %llx type [chars] for [chars] failed error [hex] [chars]

Explanation Session id [int] type [char] for [char] failed error [int] [char]

Recommended Action No action is required.

Error Message TUNNEL-5-TM_DISABLED: Tunnel Disabled

Explanation Tunnel Service Disabled

Recommended Action No action is required.

Error Message TUNNEL-5-TM_ENABLED: Tunnel Enabled

Explanation Tunnel Service Enabled

Recommended Action No action is required.

TUNNEL-7

Error Message TUNNEL-7-TM_INFO: [chars]

Explanation Tunnel Service info

Recommended Action No action is required.

TUSCANY_APP Messages

This section contains the TUSCANY_APP messages.

TUSCANY_APP-SLOT#-2

Error Message TUSCANY_APP-SLOT#-2-TUSCANY_APP_EXITED: Tuscany driver application exited (syserr = [dec], errno = [dec])

Explanation Tuscany driver application exited

Recommended Action No action is required.

U2RIB Messages

This section contains the U2RIB messages.

U2RIB-2

Error Message U2RIB-2-IPC_PROCESSING_ERR: Error in processing IPC message : Opcode = [dec], Error code = [hex]

Explanation U2RIB encountered an error in processing an MTS message. The error and message are specified in the error message

Recommended Action No action is required.

Error Message U2RIB-2-U2RIB_INIT: U2RIB initialization of [chars] [chars]

Explanation U2RIB initialization failed

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

U2RIB-3

Error Message U2RIB-3-U2RIB_LD_BLNCE_ERROR: Error in config. lb parameters using the DCEFIB Library, error code = [hex], [chars]

Explanation Error while communicating with the dcefib library

Recommended Action No action is required.

U2RIB-5

Error Message U2RIB-5-U2RIB_DISABLED: U2RIB Disabled

Explanation U2RIB Service Disabled

Recommended Action No action is required.

Error Message U2RIB-5-U2RIB_ENABLED: U2RIB Enabled

Explanation U2RIB Service enabled

Recommended Action No action is required.

U2RIB-6

Error Message U2RIB-6-STATE_CREATED: Internal state created [chars]

Explanation U2RIB has created its internal state stateless/stateful [chars].

Recommended Action No action is required.

UDLD Messages

This section contains the UDLD messages.

UDLD-3

Error Message UDLD-3-IDB_ERROR: UDLD error handling [chars] interface: [chars]

Explanation A software error occurred in UDLD processing associated with a specific interface.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-3-MSG_SEND_FAILURE: failed to send [chars] to sap [dec]: [chars]

Explanation Failed to send a message

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-3-UDLD_INTERNAL_ERROR: UDLD internal error: [chars]

Explanation A software sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-3-UDLD_INTERNAL_IF_ERROR: UDLD internal error, interface [chars]: [chars]

Explanation A software sanity check failed in the course of UDLD processing.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-4

Error Message UDLD-4-UDLD_GWRAP_COUNT: UDLD gwrap count is %lu, please log a 'show tech udd' for detail info.

Explanation UDLD gwrap count reached high level, show tech udd is needed to debug it.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_NEIGHBOR_MISMATCH: UDLD neighbor mismatch detected, exp: [chars], rec [chars]. Please collect debug info using:
http://zed.cisco.com/confluence/display/KGP/UDLD+debug

Explanation An interface will be disabled because UDLD protocol detected a neighbor mismatch condition on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_PORT_DISABLED: Interface [chars], link error detected: [chars]. Please collect debug info using:
http://zed.cisco.com/confluence/display/KGP/UDLD+debug

Explanation An interface was disabled because UDLD protocol detected the cause on the interface indicated. Cause is likely due to bad interface hardware or cable misconfiguration. User should investigate.

Recommended Action LOG_STD_SH_TECH_ACTION

Error Message UDLD-4-UDLD_PORT_RESET: UDLD reset interface [chars]

Explanation A port which had been disabled for UDLD has been reset.

Recommended Action LOG_STD_SH_TECH_ACTION

UDLD-5

Error Message UDLD-5-UDLD_AGGRESSIVE: UDLD Aggressive

Explanation UDLD Service Aggressive

Recommended Action No action is required.

Error Message UDLD-5-UDLD_DISABLED: UDLD Disabled

Explanation UDLD Service Disabled

Recommended Action No action is required.

Error Message UDLD-5-UDLD_ENABLED: UDLD Enabled

Explanation UDLD Service Enabled

Recommended Action No action is required.

UFDM Messages

This section contains the UFDM messages.

UFDM-2

Error Message UFDM-2-DNLD_TIMEDOUT: Download timer expired: [chars]

Explanation UFDM download timer expired. Collect show tech-support forwarding 13 unicast for further analysis.

Recommended Action No action is required.

Error Message UFDM-2-FIB_ROUTE_UPDATE_ERR: Route update error from slot [dec] FIB

Explanation FIB returned route update error. Collect show tech-support forwarding 13 unicast for further analysis.

Recommended Action No action is required.

Error Message UFDM-2-INTERNAL_ERROR: Internal error: [chars], collect output of show tech-support forwarding 13 unicast... command

Explanation UFDM hit a internal error. Collect show tech-support forwarding 13 unicast for further analysis.

Recommended Action No action is required.

USBHSD Messages

This section contains the USBHSD messages.

USBHSD-1

Error Message USBHSD-1-MANUAL_FORMAT: logflash needs to be formatted

Explanation Logflash is not accessible; use format logflash: to format it

Recommended Action No action is required.

USBHSD-2

Error Message USBHSD-2-AUTO_FORMAT: logflash auto-format [chars]

Explanation Logflash auto-format event

Recommended Action No action is required.

Error Message USBHSD-2-DISK_BUSY_FAILED: Cannot umount [chars],

Explanation The specified disk interface is in use it can not be un mounted, The user may experience file system corruption

Recommended Action Make sure slot0 is not being used either by mounting or by any command and re-insert the disk again

Error Message USBHSD-2-DISK_FSCK_FAIL: file system check returned error on slot [dec]

Explanation Flash filesystem may be corrupted, the flash was taken while it was being accessed

Recommended Action Reformat the external flash

Error Message USBHSD-2-DISK_MOUNT_FAIL: disk mount unsuccessful on [chars]

Explanation Unknown flash filesystem or not cleanly un mounted

Recommended Action Use vfat flash only and make sure external slot is not being accessed then re-insert flash

Error Message USBHSD-2-DISK_RESCAN_FAIL: disk rescan unsuccessful on [chars]

Explanation Flash filesystem was not cleanly un mounted

Recommended Action Make sure external slot is not being accessed and re-inset the flash

Error Message USBHSD-2-DISK_UMOUNT_FAIL: disk umount unsuccessful for [chars]

Explanation Flash filesystem is busy the system could not un-mount it

Recommended Action Make sure external slot is not being accessed and re-inset the flash

Error Message USBHSD-2-FORK: fork failed ([chars] process)

Explanation The flash daemon failed to fork

Recommended Action No action is required.

Error Message USBHSD-2-INTERNAL_ERROR: Internal Error [dec]

Explanation The flash daemon interface returns error

Recommended Action Restart the idehsd daemon

Error Message USBHSD-2-MOUNT: [chars] online

Explanation Flash daemon mounting slot

Recommended Action No action is required.

Error Message USBHSD-2-UMOUNT: [chars] offline

Explanation Flash daemon un mounting slot

Recommended Action No action is required.

Error Message USBHSD-2-USB_SWAP: USB insertion or removal detected

Explanation USB swap event

Recommended Action No action is required.

USBHSD-3

Error Message USBHSD-3-DEVICEOPEN_FAILED: device open failed. Component [chars]

Explanation The flash daemon device open failed The failure is due to the sub-component [chars]

Recommended Action No action is required.

USBHSD-5

Error Message USBHSD-5-DISK_SWAP: [chars] [chars]

Explanation Compach flash swap event

Recommended Action No action is required.

USBHSD-6

Error Message USBHSD-6-DISK_BUSY: trying to un mount disk [chars]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message USBHSD-6-DISK_EVENT: slot [dec] [chars]

Explanation Flash daemon found a disk hotswap handler event

Recommended Action No action is required.

Error Message USBHSD-6-IOCTL: ioctl: [chars] returns [dec]

Explanation Flash daemon trying to umount busy slot

Recommended Action No action is required.

Error Message USBHSD-6-STARTING: daemon started

Explanation The compact flash swap daemon successfully started

Recommended Action No action is required.

Error Message USBHSD-6-USBHSD_INFO: [chars]

Explanation Flash daemon informational message

Recommended Action No action is required.

USBHSD-7

Error Message USBHSD-7-USBHSD_TRACE: [chars]() [chars]:[dec] disk=[dec]

Explanation Flash daemon debug message to trace code path

Recommended Action No action is required.

USDBA Messages

This section contains the USDBA messages.

USDBA-2

Error Message USDBA-2-USDBA_CRC_ERR: [chars]

Explanation USDBA received packet(s) with CRC error

Recommended Action No action is required.

USDBA-6

Error Message USDBA-6-USDBA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VAJRA_USD Messages

This section contains the VAJRA_USD messages.

VAJRA_USD-6

Error Message VAJRA_USD-6-VAJRA_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VAL_USD Messages

This section contains the VAL_USD messages.

VAL_USD-6

Error Message VAL_USD-6-VAL_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VDC_MGR Messages

This section contains the VDC_MGR messages.

VDC_MGR-2

Error Message VDC_MGR-2-VDC_CRITICAL: vdc_mgr has hit a critical error: [chars]

Explanation Vdc_mgr has hit a critical error

Recommended Action A critical error has been hit within vdc_mgr. Please check show vdc to determine the state of the vdc

Error Message VDC_MGR-2-VDC_LIC_WARN_EXP: WARNING License for vdc is about to expire! VDCs will be deleted if license is allowed to expire

Explanation VDC license is close to expire

Recommended Action Please contact your sales representative to obtain a license

Error Message VDC_MGR-2-VDC_LIC_WARN: Service using grace period will be shutdown in [dec] day(s)

Explanation The license for vdc is not installed and currently running in the grace period

Recommended Action Vdc will continue to work within the grace period, but obtaining a license is recommended

Error Message VDC_MGR-2-VDC_OFFLINE: vdc [dec] is now offline

Explanation The vdc has been shut down. Either it has been deleted or has just completed ungraceful cleanup

Recommended Action If the vdc was deleted, no action is necessary. Otherwise vdc_mgr may attempt to recreate it according to the ha-policy that has been set

Error Message VDC_MGR-2-VDC_ONLINE: vdc [dec] has come online

Explanation Vdc_mgr has finished creating a vdc and it is ready to use

Recommended Action No action is required.

Error Message VDC_MGR-2-VDC_UNALLOCATED: Module [dec] is unsupported by the current vdc and some of its ports have been placed in the unallocated pool.

Explanation The module is of a type unsupported by the current vdc. You can see port membership by 'show vdc membership' and check the current vdc's configuration via 'show vdc'

Recommended Action Allocate interfaces to a vdc that supports this module type or change the current vdc to support this module type via the 'limit-resource module-type' command

Error Message VDC_MGR-2-VDC_UNGRACEFUL: vdc_mgr: Ungraceful cleanup request recieved for vdc [dec], restart count for this vdc is [dec] restarts within the last 5 minutes

Explanation Vdc_mgr has begun ungraceful cleanup for a vdc

Recommended Action There has been a failure within the vdc and vdc_mgr has begun the cleanup process. Use show vdc to determine its state

VDC_MGR-3

Error Message VDC_MGR-3-VDC_ERROR: vdc_mgr: [chars]

Explanation Vdc_mgr has recieved bad data but will try to continue

Recommended Action Vdc_mgr will attempt to correct the error at hand

VDC_MGR-5

Error Message VDC_MGR-5-VDC_FEATURESET_ALLOW: vdc_mgr: Feature-set [chars] can now be used in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_FEATURESET_DISALLOW: vdc_mgr: Feature-set [chars] is now disallowed in this vdc

Explanation Allowed feature-set config has changed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_HOSTNAME_CHANGE: vdc [dec] hostname changed to [chars]

Explanation Host name for a vdc has changed.

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MEMBERSHIP_ADD: vdc_mgr: Interface [chars] has been added to this vdc

Explanation A new interface has been added to this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MEMBERSHIP_DELETE: vdc_mgr: Interface [chars] has been removed from this vdc

Explanation A new interface has been removed from this vdc

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_MODULETYPE: vdc_mgr: Module type changed to [chars]

Explanation This vdc has been changed to support only the the type of modules listed

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_STATE_CHANGE: vdc [dec] state changed to [chars]

Explanation A vdc state change has happened. This is most likely due to a configuration change.

Recommended Action No action is required.

Error Message VDC_MGR-5-VDC_SWMODULETYPE: vdc_mgr: System Module type changed to [chars]

Explanation This switch has been changed to support only the the type of modules listed

Recommended Action No action is required.

VEC Messages

This section contains the VEC messages.

VEC-SLOT#-3

Error Message VEC-SLOT#-3-LOG_DPP_EXCEPTION: DPP Exception DPP [dec]

Explanation No action is required.

Recommended Action Vec

Error Message VEC-SLOT#-3-LOG_GUID_MISMATCH: GUID Mismatch DPP [dec] PWWN [chars] lun [chars] Expected [chars] Read [chars]

Explanation The disk GUID verification performed by the DPP failed. Access to the disk is denied.

Recommended Action No action is required.

VEC-SLOT#-4

Error Message VEC-SLOT#-4-LOG_DPP_REBOOTED: DPP [dec] Rebooted

Explanation No action is required.

Recommended Action Vec

VEC-SLOT#-5

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DISK: SCSI STATUS([hex]) [chars]
SENSE_KEY([hex]) [chars] ASC([hex]) ASCQ([hex]) [chars]

Explanation No action is required.

Recommended Action Vec

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DPP_MON_FSM: Illegal Event [chars] in State
[chars] FSM [chars]

Explanation An Event is received for a State in the VEC DPP Monitor FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_DPRLI_FSM: Illegal Event [chars] in State
[chars] FSM [chars]

Explanation An Event is received for a State in the VEC DPRLI FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_GID_FSM: Illegal Event [chars] in State
[chars] FSM [chars]

Explanation An Event is received for a State in the VEC Guid ID FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_LMAP_FSM: Illegal Event [chars] in
State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]

Explanation An Event is received for a State in the VEC HOST LMAP XP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_LOGO: Logging out Host [VSAN :[dec] pWWN :[chars]] logged in to VEP [pWWN :[chars]]. Reason : Host not responding

Explanation The Host HBA is logged out from the VEP as it is not responding to ADISCs initiated from the VEP

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST_XP_FSM: Illegal Event [chars] in State [chars] Host VSAN :[dec] Host pWWN :[chars] VEP pWWN :[chars]

Explanation An Event is received for a State in the VEC HOST XP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_HOST: Host VSAN :[dec] Host pWWN :[chars] access denied to VEP pWWN :[chars] due to licensing

Explanation The Host HBA is denied access to the VEP due to licensing

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_NPORT_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC NPORT FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_PID_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC PID FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TARGET_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC TARGET FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TCAM_MON_FSM: Illegal Event [chars] in State [chars] DPP : [dec]

Explanation An Event is received for a State in the VEC TCAM MON FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_TP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] TP nWWN : [chars] TP pWWN : [chars]

Explanation An Event is received for a State in the VEC TP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] VEP nWWN : [chars] VEP pWWN : [chars]

Explanation An Event is received for a State in the VEC VEP FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VEP_ILC_LIMIT: VEP [VSAN : [dec] pWWN : [chars]] could not be created. Reason : ILC VEP limit [dec] reached

Explanation The VEP could not be created as the per ILC limit of VEPs has been reached

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VLUN_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC VLUN FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VO_FSM: Illegal Event [chars] in State [chars] FSM [chars]

Explanation An Event is received for a State in the VEC VO FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]

Explanation An Event is received for a State in the VEC VSAN FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_ERR_VEC_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VES IP Addr [chars]

Explanation An Event is received for a State in the VEC VSAN XCHG FSM which should not have occurred

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_NOTICE_VEC_SLEEP_THRESH: VEC not scheduled for [dec] seconds

Explanation The VEC process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

Error Message VEC-SLOT#-5-LOG_NOTICE_VEC_WORK_THRESH: VEC did not yeild the cpu for [dec] seconds

Explanation The VEC process work threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

VEDB_MGR Messages

This section contains the VEDB_MGR messages.

VEDB_MGR-2

Error Message VEDB_MGR-2-MALLOC_ERROR: Size [dec] bytes

Explanation The VEDB library could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VEDB_MGR-6

Error Message VEDB_MGR-6-EXITING: Exited due to [chars]

Explanation The VEDB library has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message VEDB_MGR-6-SERVICE_UP: Initialized [chars]

Explanation The VEDB library is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

VES Messages

This section contains the VES messages.

VES-SLOT#-4

Error Message VES-SLOT#-4-LOG_WARNING_VES_CONFIG_TOO_BIG: Volume [chars] configuration too large to virtualize

Explanation The VES maximum volume configuration was exceeded. Volume will be virtualized by the cpp.

Recommended Action No action is required.

VES-SLOT#-5

Error Message VES-SLOT#-5-LOG_ERR_VES_PATH_FSM: disk guids dont match - received verify_mismatch for pid [dec] from vec [dec]

Explanation An VERIFY MISMATCH Event is received for a State in the VES PATH FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_ERR_VES_VEP_FSM: Illegal Event [chars] in State [chars] Host VSAN : [dec] VEP pWWN : [chars]

Explanation An Event is received for a State in the VES VEP FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_ERR_VES_VSAN_FSM: Illegal Event [chars] in State [chars] VSAN [dec]

Explanation An Event is received for a State in the VES VSAN FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_ERR_VES_VSAN_XCHG_FSM: Illegal Event [chars] in State [chars] VEC IP Addr [chars]

Explanation An Event is received for a State in the VES VSAN XCHG FSM which should not have occurred

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_NOTICE_VES_SLEEP_THRESH: VES not scheduled for [dec] seconds

Explanation The VES process sleep threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

Error Message VES-SLOT#-5-LOG_NOTICE_VES_WORK_THRESH: VES did not yeild the cpu for [dec] seconds

Explanation The VES process work threshold was exceeded which should not have occurred. Recovery will be performed if appropriate.

Recommended Action No action is required.

VFC Messages

This section contains the VFC messages.

VFC-3

Error Message VFC-3-VFC_MEM_ERROR: Memory consistency problem

Explanation Miscellaneous target error

Recommended Action No action is required.

Error Message VFC-3-VFC_TGT_ERROR: Target error:[chars] 0x%llx

Explanation Miscellaneous target error

Recommended Action No action is required.

VFC-6

Error Message VFC-6-STARTING: daemon started

Explanation The VFC daemon successfully started

Recommended Action No action is required.

VIPER_CMN_USD Messages

This section contains the VIPER_CMN_USD messages.

VIPER_CMN_USD-6

Error Message VIPER_CMN_USD-6-VIPCMN_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_ICB_USD Messages

This section contains the VIPER_ICB_USD messages.

VIPER_ICB_USD-2

Error Message VIPER_ICB_USD-2-VIP_ICB_TEST: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_ICB_USD-6

Error Message VIPER_ICB_USD-6-VIP_ICB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_MAC_USD Messages

This section contains the VIPER_MAC_USD messages.

VIPER_MAC_USD-6

Error Message VIPER_MAC_USD-6-VIPER_MAC_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIPER_XBAR_USD Messages

This section contains the VIPER_XBAR_USD messages.

VIPER_XBAR_USD-6

Error Message VIPER_XBAR_USD-6-VIPER_XBAR_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIP_FWD Messages

This section contains the VIP_FWD messages.

VIP_FWD-6

Error Message VIP_FWD-6-VIP_FWD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VIP_ILK Messages

This section contains the VIP_ILK messages.

VIP_ILK-6

Error Message VIP_ILK-6-VIP_ILK_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

VLAN_MGR Messages

This section contains the VLAN_MGR messages.

VLAN_MGR-2

Error Message VLAN_MGR-2-CRITICAL_MSG: [chars]

Explanation VLAN Manager Critical Message

Recommended Action No action is required.

VLAN_MGR-3

Error Message VLAN_MGR-3-ERROR_MSG: [chars]

Explanation VLAN manager error

Recommended Action No action is required.

VLAN_MGR-4

Error Message VLAN_MGR-4-WARN_MSG: [chars]

Explanation VLAN manager warning

Recommended Action No action is required.

VLAN_MGR-5

Error Message VLAN_MGR-5-NOTIF_MSG: [chars]

Explanation VLAN Manager Notification Message

Recommended Action No action is required.

Error Message VLAN_MGR-5-RESERVED_VLAN_RANGE_CHANGED: New Reserved VLAN Range Configured From VLAN [dec] to VLAN [dec]

Explanation VLAN Manager Reserved VLAN Reconfiguration Message

Recommended Action No action is required.

VLAN_MGR-6

Error Message VLAN_MGR-6-INFO_MSG: [chars]

Explanation VLAN manager info

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_CREATED: VLAN [dec], created

Explanation VLAN created

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_MGR_STATEFULL_RESTART: VLAN Manager statefull restart

Explanation VLAN Manager statefull restart

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_MGR_STATELESS_RESTART: VLAN Manager stateless restart

Explanation VLAN Manager stateless restart

Recommended Action No action is required.

Error Message VLAN_MGR-6-VLAN_OPER_STATUS_CHG: VLAN [dec], status changed to [chars]

Explanation VLAN operational state change

Recommended Action No action is required.

VMAN Messages

This section contains the VMAN messages.

VMAN-2

Error Message VMAN-2-ACTIVATION_STATE: [chars] [chars]' [chars] [chars]'

Explanation The activation state of the named virtual service has changed as notified by Virt-manager.

Recommended Action In the failed case, check Virt-managerslogsforthecauseofthefailure.Inthesuccessfulcase,thisnotificationcanbeignored.'

Error Message VMAN-2-ALLOC_VIRT_INST_RCS: Virtual Service[chars]

Explanation A memory allocation request failed to allocate a data structure required to activate the virtual service.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-COMMIT_VIRT_INST_RCS: Virtual Service[chars]

Explanation The request to commit the resources required by the named virtual service failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-CPUSHARES_LIMIT: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting more CPU shares than the system has available for virtual services.

Recommended Action Deactivate any other virtual services to free up CPU share resources and activate this virtual service. If that does not address the problem, then enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-CPUTUNES_INTERNAL_ERROR: Virtual Service[chars]

Explanation Virt-manager and its associated infrastructure experienced an internal error.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-CPUTUNES_SHARES_LIMIT: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting more CPU shares than the system has available for virtual services.

Recommended Action Deactivate any other virtual services to free up CPU share resources and activate this virtual service. If that does not address the problem, then enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-CREATE_VIRT_INST_ENTRY: Virtual Service[chars]

Explanation The request to create a DB entry for the named virtual service failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-DEFER_VIRT_INST_PROC: Virtual Service[chars]

Explanation The final activation processing failed to successfully defer.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-DISK_IMAGE_PATH: Virtual Service[chars]

Explanation The virtual service machine definition file contains an invalid disk image path for one of the disk devices. This may be a Harddisk, CDROM or USB storage device.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-FIND_VIRT_INST_ENTRY: Failed to find virtual service with id [dec] in the Virt-manager DB

Explanation The virtual service with the ID named could not be located in the Virt-manager DB.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-GENERAL_FAILURE: Virtual Service[chars]

Explanation The named virtual service has triggered the log. Please interpret the log in the context of the virtual services.

Recommended Action No action is required

Error Message VMAN-2-HA_SYNC_ERR: [chars] [chars]'[chars]'

Explanation The ha-sync persistent storage disk for the virtual service cannot be watched for sync to standby RP.

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INCONSISTENT_CPUTUNES_CONFIG: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting invalid CPU tunes parameter.

Recommended Action Use a different valid machine definition file for the virtual service. If the problem persists, then enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INCONSISTENT_MEM_CONFIG: Virtual Service[chars]

Explanation The virtual service machine definition file is inconsistent in the specification of required memory via the <memory

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INSERT_VIRT_INST_ENTRY: Virtual Service[chars]

Explanation Inserting the named virtual service into the virtual service DB tracked by Virt-manager failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INSTALL_FAILURE: Virtual Service[chars]

Explanation The installation of the virtual service failed.

Recommended Action Enable the Virt-manager trace logs and repeat the installation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INSTALL_MEDIA_RETRY: VMAN, VM install media still unavailable. [chars]

Explanation The install media was not detected. Waiting for udev to complete install media(harddisk) detection.

Recommended Action After VMAN exceeds the maximum retry limit, verify if install media (harddisk) is accessible and retry the installation again.

Error Message VMAN-2-INSTALL_STATE: Successfully [chars] [chars]''

Explanation The installation state of the named virtual service has changed as notified by Virt-manager.

Recommended Action In the failed case, check Virt-managers logs for the cause of the failure. In the successful case, this notification can be ignored.'

Error Message VMAN-2-INVALID_ACT_MSG: Virtual Service[chars]

Explanation The virtual service activate message was received, however, the data it contained could not be interpreted

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INVALID_DEACT_MSG: Failed to process virtual service deactivate message

Explanation The virtual service deactivate message was received, however, the data it contained could not be interpreted

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-INVALID_PACKAGE: Virtual Service[chars]

Explanation The package definition file for the named virtual service has failed to be validated and the virtual service will not run

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause. The most likely cause would be that the package file has been corrupted during file transfer. The suggested action would be to redo the file transfer.

Error Message VMAN-2-INVALID_UNPROV_MSG: Failed to process virtual service unprovision message

Explanation The virtual service unprovision message was received, however, the data it contained could not be interpreted

Recommended Action Enable the Virt-manager trace logs and repeat the activation followed by deactivation and then unprovision of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-MACHINE_TYPE_NOT_SUPPORTED: Virtual Service[chars]

Explanation The virtual service cannot be activated as the machine type specified is not supported; action Enable the support for the machine type and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-MACH_PARSE_FAILURE: Virtual Service[chars]

Explanation The named virtual service has an invalid parameter specified in the .xml file inside the .ova package

Recommended Action Fix the .xml file inside the .ova package to have valid values. Then retry installing and activating it

Error Message VMAN-2-MEMORY_LIMIT_WARN: Virtual service ([chars])[chars] defines [dec] MB of Memory exceeding the maximum [dec] MB.

Explanation The virtual service machine definition file is requesting more memory for the specified profile, than the system has available for virtual services.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-MEMORY_LIMIT: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting more memory than the system has available for virtual services.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-MORETHANONE_CPUTUNES_CONFIG: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting more than one CPU tunes parameter.

Recommended Action Use a different valid machine definition file for the virtual service. If the problem persists, then enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-NETWORK_CONFIG_ERROR: Virtual Service[chars]

Explanation A network configuration error has been detected for the named virtual service.

Recommended Action No action is required

Error Message VMAN-2-PROCESS_PKG_DEF: Virtual Service[chars]

Explanation The virtual service package for the named virtual service has failed to be validated and the virtual service will not run.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-PROC_INT_LIST: Virtual Service[chars]

Explanation The interface list embedded in the activate request for the named virtual service could not be processed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-REMOVE_VIRT_INST_ENTRY: Virtual Service[chars]

Explanation Removing the named virtual service from the virtual service DB tracked by Virt-manager failed.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-SET_VTX_ROMVAR_SPACE: Failed to set ROM monitor variable ENABLE_VTX: No space in table

Explanation Failed to set ENABLE_VTX ROM monitor variable due to no space in Monitor Variable Table.

Recommended Action Verify number of entries in Monitor Variable Table.

Error Message VMAN-2-SET_VTX_ROMVAR_STRING: Failed to set ROM monitor variable ENABLE_VTX: Invalid string format: [chars]

Explanation Failed to set ENABLE_VTX rom monitor variable due to invalid string format.

Recommended Action Verify format of string from error message.

Error Message VMAN-2-START_FAILED: Virtual Service[chars]

Explanation The named virtual service failed to start.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VCPU_INVALID: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting invalid VCPU value.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VCPU_LIMIT: Virtual Service[chars]

Explanation The virtual service machine definition file is requesting more VCPUs than the system has reserved for virtual services.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VIRT_INST_DISK: Virtual Service[chars]

Explanation The virtual service requires Disk Storage in excess of the Free Disk Storage available to virtual services.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VIRT_INST_INTERFACE: Virtual Service[chars]

Explanation The number of configured virtual port group interfaces must match the number of Ethernet Network Interfaces defined in the machine definition file

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VIRT_INST_MEMORY: Virtual Service[chars]

Explanation The virtual service requires physical memory in excess of the free memory available to virtual services.

Recommended Action Enable the Virt-manager trace logs and repeat the activation of the virtual service. Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-2-VIRT_INST_MGMT_INTERFACE: Virtual service [chars] has no management interface defined but it is configured in CLI.

Explanation A management interface is configured but none is defined.

Recommended Action Deactivate the virtual service, remove the management interface configuration CLI, and reactivate the virtual-service.

Error Message VMAN-2-VIRT_INST_STATE: Virtual Service[chars]

Explanation The named virtual service has failed. It is no longer running either because the guest OS has failed, the guest OS has shut down the machine or the emulator has failed.

Recommended Action An attempt at restarting the virtual service can be made from the IOS configuration by doing a no activate/activate. For debugging collect the Virt-manager logs and scan them for the cause.

VMAN-3

Error Message VMAN-3-PSS_ERR: Purpose: [chars], URI: [chars], errcode: [dec]

Explanation Persistent Storage Service handling error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-3-PSS_SNAPSHOT_ERR: Source URI: [chars], Destination URI: [chars], errcode: [dec]

Explanation Persistent Storage Service snapshot error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

Error Message VMAN-3-SDWRAP_ERR: Description: [chars], errcode: [dec]

Explanation Debug infrastructure error

Recommended Action Collect the Virt-manager logs and scan them for the cause.

VMAN-4

Error Message VMAN-4-WATCHDOG_TIMER: [chars] [chars]'[chars][chars]'

Explanation The watchdog timer configured for the named virtual service has expired.

Recommended Action Check any logs produced by the virtual service to determine the cause.

VMAN-5

Error Message VMAN-5-AUX: Virtual Service[chars]

Explanation The AUX login to a virtual service may allow the user access to system functions that may not have been tested or may interact with the system in unintended ways. Use with caution.

Recommended Action No action is required

Error Message VMAN-5-UNSIGNED_PACKAGE: Unsigned software package [chars] loaded for service container [chars].

Explanation A software package without a code signing certificate has been loaded.

Recommended Action Take note of the service container and software package. Verify the software package is expected to be unsigned and has the appropriate contents. Uninstall the package if unsure of the package origins.

Error Message VMAN-5-VIRT_INST: LOG FROM VIRTUAL SERVICE [chars]: [chars]

Explanation The named virtual service has triggered the log. Please interpret the log in the context of the virtual services.

Recommended Action No action is required

VMM Messages

This section contains the VMM messages.

VMM-2

Error Message VMM-2-VMM_DBG_SEQDELAY_LOG: VDC[dec]: Sending [chars] mts([chars]) request to service [dec] for slot [dec].

Explanation VMM sent request for the sap mentioned

Recommended Action No action is required.

Error Message VMM-2-VMM_SERVICE_ERR: VDC[dec]: Service SAP [chars] for slot [chars] returned error [hex] ([chars]) in [chars] sequence

Explanation Service returned error in the specified sequence

Recommended Action No action is required.

Error Message VMM-2-VMM_TIMEOUT: VDC[dec]: Service SAP [chars] for slot [chars] timed out in [chars] sequence

Explanation Service did not respond in the specified sequence

Recommended Action No action is required.

VNI Messages

This section contains the VNI messages.

VNI-2

Error Message VNI-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

VNI-3

Error Message VNI-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

VNI-6

Error Message VNI-6-INTERFACE_EVENT: VSAN interface [chars] [chars]

Explanation The specified VSAN Interface has been successfully [chars].

Recommended Action No action is required.

Error Message VNI-6-STARTING: Virtual Network Interface Manager started

Explanation The service has successfully started.

Recommended Action No action is required.

Error Message VNI-6-VSAN_DELETED: VSAN [dec] has been deleted

Explanation The specified VSAN has been deleted. The service will delete all the configuration on that VSAN.

Recommended Action No action is required.

VNTAGC Messages

This section contains the VNTAGC messages.

VNTAGC-5

Error Message VNTAGC-5-VNTAGC_GENERIC_SYSLOG: [chars]

Explanation VNTag Manager Client Generic Syslog

Recommended Action No action is required.

VNTAG_MGR Messages

This section contains the VNTAG_MGR messages.

VNTAG_MGR-2

Error Message VNTAG_MGR-2-MCAST_DVIF_ALLOC_FAILURE: DVIF allocation failure during MCAST group creation. TCB RID: [hex]. MCAST LTL: [hex]. Reason: [chars].

Explanation MCAST DVIF allocation for MCAST group.

Recommended Action No action is required.

Error Message VNTAG_MGR-2-VLAN_DVIF_ALLOC_FAILURE: DVIF allocation failure for VLANs [chars]. Reason: [chars].

Explanation Flood DVIF allocation failure for VLANs.

Recommended Action No action is required.

Error Message VNTAG_MGR-2-VNTAG_MGR_OMF_DVIF_ALLOC_FAIL: OMF DVIF allocation failed (DVIF exhaustion). To enable OMF you need to shut down a VLAN/MCAST group

Explanation OMF DVIF reservation failed (dvif exhaustion). To enable OMF a VLAN or MCAST group needs to be disabled to get a free dvif.

Recommended Action No action is required.

Error Message VNTAG_MGR-2-VNTAG_SEQ_ERROR: [chars]

Explanation Some step in an event sequence has failed

Recommended Action No action is required.

Error Message VNTAG_MGR-2-VNTAG_SEQ_TIMEOUT: [chars]

Explanation Event sequence timeout

Recommended Action No action is required.

VNTAG_MGR-4

Error Message VNTAG_MGR-4-VNTAG_MIXED_FPC_HIFPC_PAYLOAD: [chars]

Explanation This not allowed from PIXM itself, but could happen due to some incorrect MBL batching.

Recommended Action No action is required.

Error Message VNTAG_MGR-4-VNTAG_PRUNED_L3_PORT: Port [hex] will not be added to FEX forwarding table as it is a L3 port.

Explanation To avoid sending multideestination traffic to L3 ports we do not add them to FEX forwarding table.

Recommended Action No action is required.

VNTAG_MGR-5

Error Message VNTAG_MGR-5-VNTAG_MGR_DISABLED: VNTag Manager Disabled

Explanation VNTag Manager Service Disabled

Recommended Action No action is required.

Error Message VNTAG_MGR-5-VNTAG_MGR_ENABLED: VNTag Manager Enabled

Explanation VNTag Manager Service Enabled

Recommended Action No action is required.

Error Message VNTAG_MGR-5-VNTAG_MGR_GENERIC_SYSLOG: [chars]

Explanation VNTag Manager Generic Syslog

Recommended Action No action is required.

VPC Messages

This section contains the VPC messages.

VPC-2

Error Message VPC-2-PEER_KEEP_ALIVE_RECV_FAIL: In domain [dec], VPC peer keep-alive receive has failed

Explanation Peer keep-alive receive failed

Recommended Action No action is required.

Error Message VPC-2-PEER_KEEP_ALIVE_SEND_FAIL: In domain [dec], VPC peer keep-alive send has failed

Explanation Peer keep-alive send failed

Recommended Action No action is required.

Error Message VPC-2-PEER_VPC_RESP_TIMEDOUT: Failed to receive response from peer for vPC: [dec]

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-2-TRACK_INTFS_DOWN: In domain [dec], vPC tracked interfaces down, suspending all vPCs and keep-alive

Explanation VPC tracked object down

Recommended Action No action is required.

Error Message VPC-2-VPC_ADD_L3_BKUP_VLAN_TO_PEER_GW_EXCLUDE_LIST: Exclude L3 backup routing VLAN from vpc peer-gateway config.

Explanation Triggered when peer-link is F1 and peer-gateway is configured without exclude-vlan list.

Recommended Action No action is required.

Error Message VPC-2-VPC_CORE_PORT_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] in Fabric Path Port Mode - vPC+ Fabric Path switch ID not configured

Explanation VPC+ Failed to bringup peer-link - switch-ID not configured

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_FAILED_LID_ALLOC: Failed to negotiate common LID between vPC peers.

Explanation Failed to find common lid.

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_FAILED_PEERLINK_DOWN: vPC+ operations failed. Bringing down peer-link.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action No action is required.

Error Message VPC-2-VPC_ES_PEER_LINK_OPERATION_FAILED: Peer-link operation failed due to SAP [dec].

Explanation Triggered in mcecm_cfg_es_failed when peer-link bringup fails.

Recommended Action No action is required.

Error Message VPC-2-VPC_GRACEFUL_SUSP_ALL_VPC: Operational graceful type-1 check configuration changed, reiniting all vPCs

Explanation Graceful configuration change, reinit vPCs

Recommended Action No action is required.

Error Message VPC-2-VPC_ISSU_END: Peer vPC switch ISSU end, unlocking configuration

Explanation Peer vPC switch issu end

Recommended Action No action is required.

Error Message VPC-2-VPC_ISSU_START: Peer vPC switch ISSU start, locking configuration

Explanation Peer vPC switch issu start

Recommended Action No action is required.

Error Message VPC-2-VPC_LC_FAIL: LC [dec] does not support required hardware for vPC; run showvdcmembershipstatus'forportstatus'

Explanation Lc insertion failed

Recommended Action No action is required.

Error Message VPC-2-VPC_NON_DEF_LID: vPC+ negotiated non-default local id. Flapping orphan edge ports recommended.

Explanation Triggered in mcecm_em_es_failed. Bring down peer-link.

Recommended Action No action is required.

Error Message VPC-2-VPC_PEER_LINK_FPATH_BUP_FAILED: Failed to bring up vPC+ peer link port [chars] - port [chars] is not configured as a Fabric Path port

Explanation VPC+ Failed to bringup Peer-link - not in Fabric Path mode

Recommended Action No action is required.

Error Message VPC-2-VPC_PSS_ERROR: [chars], 0x([hex]) present in VPC DB but not is IM DB

Explanation Triggered when vpc DB and IM SDB are inconsistent

Recommended Action No action is required.

Error Message VPC-2-VPC_SUSP_ALL_VPC: Peer-link going down, suspending all vPCs on secondary

Explanation Peer link down suspend vPCs

Recommended Action No action is required.

Error Message VPC-2-VPC_SVI_EXCLUDE: vPC [dec] has up vlans [chars] which are excluded from suspension on dual-active

Explanation VPC track object deconfigured

Recommended Action No action is required.

Error Message VPC-2-VPC_SDB_UPD_FAIL: Failed to update shared database. De-config and config vPC [dec] to be consistent.

Explanation SDB update failed while updating

Recommended Action No action is required.

VPC-3

Error Message VPC-3-GLOBAL_CONSISTENCY_FAILED: In domain [dec], global configuration is not consistent ([chars])

Explanation Global compat-check failed

Recommended Action No action is required.

Error Message VPC-3-INTF_CONSISTENCY_FAILED: In domain [dec], VPC [dec] configuration is not consistent ([chars])

Explanation MCEC compat-check failed

Recommended Action No action is required.

Error Message VPC-3-PEER_UNREACHABLE: Remote Switch Unreachable

Explanation Peer unreachable

Recommended Action No action is required.

Error Message VPC-3-PEER_VPC_BRINGUP_FAILED: Peer vPC [dec] bringup failed ([chars])

Explanation Peer vPC bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPCM_ASSERTION_FAILED: [chars]

Explanation VPCM has hit an assert condition at file [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_INIT_FAIL: vPC Manager Initialization Failed ([chars])

Explanation VPCM Initialization failed. due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_INTERNAL_ERR: [chars]

Explanation VPCM encountered an internal error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPCM_MTS_ERR: [chars]

Explanation VPCM encountered an MTS error due to [chars]

Recommended Action No action is required.

Error Message VPC-3-VPC_BRINGUP_FAILED: vPC [dec] bringup failed ([chars])

Explanation VPC bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_BRINGUP_FAILED: vPC peer-link bringup failed ([chars])

Explanation VPC Peer-link bringup failed

Recommended Action No action is required.

Error Message VPC-3-VPC_PEER_LINK_DOWN: VPC Peer-link is down

Explanation VPC Peer link is down

Recommended Action No action is required.

VPC-4

Error Message VPC-4-FTAG_UPD_PORT_DWN: Warning: receive FTAG update while port is going down

Explanation Receive FTAG update while port is going down

Recommended Action No action is required.

Error Message VPC-4-OOB_DWN_BUT_WAS_ALIVE: Warning: Bring up peer-link when peer keep-alive is down

Explanation Try to bring up MCT when OOB fails.

Recommended Action No action is required.

Error Message VPC-4-PEER_VPC_DELETED: Peer vPC [dec] deleted

Explanation Peer vPC configuration deleted

Recommended Action No action is required.

Error Message VPC-4-VPC_CONSISTENCY_NEW_VLAN_FAIL: Global Consistency check for vPC failed for new vlans

Explanation Global Consistency check for vPC failed for new vlans

Recommended Action No action is required.

Error Message VPC-4-VPC_DELETED: vPC [dec] is deleted

Explanation VPC configuration deleted

Recommended Action No action is required.

Error Message VPC-4-VPC_DISABLE_IP_REDIRECTS: peer-gateway enabled. Disabling IP redirects on all interface-vlans of this vPC domain for correct operation of this feature.

Explanation Peer-gateway enabled, hence IP redirects on SVIs are disabled

Recommended Action No action is required.

Error Message VPC-4-VPC_LC_UPG_OVER_DELIVERY_FAIL: Failed to deliver LC upgrade to vPC peer

Explanation Failed to deliver LC upgrade to peer

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_LINK_DELETED: vPC Peer-link deleted. This will bringdown all vPC interfaces

Explanation VPC Peer-link configuration removed

Recommended Action No action is required.

Error Message VPC-4-VPC_PEER_ROLE_CHANGE: In domain [dec], VPC peer role status has changed to [chars]

Explanation VPC Peer role status changed to (Primary/Secondary)

Recommended Action No action is required.

Error Message VPC-4-VPC_PER_VLAN_NO_SUPPORT: image that does not support per-vlan type-1 check will not bring down/up any vlan (i.e. nothing will happen) until next compat-check.

Explanation Triggered when ISSU/ISSD to an image which does not support per-vlan compat-check

Recommended Action No action is required.

Error Message VPC-4-VPC_PER_VLAN_CONSISTENCY_FAILED: Global consistency check for vPC failed for few vlans

Explanation Global Consistency check for vPC failed for few vlans

Recommended Action No action is required.

Error Message VPC-4-VPC_REINITIALIZED: Reinitializing vpcs assuming peer dead

Explanation Initializing vpcs assuming peer dead

Recommended Action No action is required.

Error Message VPC-4-VPC_ROLE_CHANGE: In domain [dec], VPC role status has changed to [chars]

Explanation VPC role status changed to (Primary/Secondary)

Recommended Action No action is required.

VPC-5

Error Message VPC-5-GLOBAL_CONSISTENCY_SUCCESS: In domain [dec], global configuration is consistent

Explanation Global compat-check passed

Recommended Action No action is required.

Error Message VPC-5-INTF_CONSISTENCY_SUCCESS: In domain [dec], vPC [dec] configuration is consistent

Explanation VPC configuration is consistent

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_RECV_INT_LATEST: In domain [dec], VPC peer-keepalive received on interface [chars]

Explanation VPC peer-keepalive receive interface changed

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_RECV_SUCCESS: In domain [dec], vPC peer keep-alive receive is successful

Explanation Peer keep-alive receive successful

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_SEND_INT_LATEST: In domain [dec], VPC peer-keepalive sent on interface [chars]

Explanation VPC peer-keepalive send interface changed

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_SEND_SUCCESS: In domain [dec], vPC peer keep-alive send is successful

Explanation Peer keep-alive send successful

Recommended Action No action is required.

Error Message VPC-5-PEER_KEEP_ALIVE_STATUS: In domain [dec], peer keep-alive status changed to [chars]

Explanation Peer keep-alive (oob) status is changed to <peer-alive

Recommended Action Peer-not-alive

Error Message VPC-5-ROLE_PRIORITY_CFGD: In domain [dec], vPC role priority changed to [dec]

Explanation Role priority configured

Recommended Action No action is required.

Error Message VPC-5-SYSTEM_MAC_CFGD: In domain [dec], vPC system-mac changed to [chars]

Explanation System mac configured

Recommended Action No action is required.

Error Message VPC-5-SYSTEM_PRIO_CFGD: In domain [dec], vPC system priority changed to [dec]

Explanation System priority changed

Recommended Action No action is required.

Error Message VPC-5-VPCM_DISABLED: vPC Manager disabled

Explanation VPCM Service Disabled

Recommended Action No action is required.

Error Message VPC-5-VPCM_ENABLED: vPC Manager enabled

Explanation VPCM Service Enabled

Recommended Action No action is required.

Error Message VPC-5-VPC_DELAY_SVI_BUP_TIMER_EXPIRED: vPC restore, delay interface-vlan bringup timer expired, reiniting interface-vlans

Explanation VPC delay interface-vlan restore timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_DELAY_SVI_BUP_TIMER_START: vPC restore, delay interface-vlan bringup timer started

Explanation VPC delay interface-vlan restore timer start

Recommended Action No action is required.

Error Message VPC-5-VPC_DOWN: vPC [dec] is down ([chars])

Explanation VPC is down (reason)

Recommended Action No action is required.

Error Message VPC-5-VPC_PEER_LINK_UP: vPC Peer-link is up

Explanation VPC Peer-link is up

Recommended Action No action is required.

Error Message VPC-5-VPC_RESTORE_TIMER_EXPIRED: vPC restore timer expired, reiniting vPCs

Explanation VPC restore timer expired

Recommended Action No action is required.

Error Message VPC-5-VPC_RESTORE_TIMER_START: vPC restore timer started to reinit vPCs

Explanation VPC restore timer start

Recommended Action No action is required.

Error Message VPC-5-VPC_ROLE_PREMPT: In domain [dec], vPC role pre-emption triggered

Explanation VPC preemption triggered

Recommended Action No action is required.

Error Message VPC-5-VPC_UP: vPC [dec] is up

Explanation MCEC is UP

Recommended Action No action is required.

VPC-6

Error Message VPC-6-PEER_LOCK_FAILED: Locking failed on peer switch - Aborting upgrade!!

Explanation Locking failed on peer switch

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_CFGD_VLANS_CHANGED: Peer vPC [dec] configured vlans changed

Explanation Remote MCEC configured vlans Changed

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_CFGD: peer vPC [dec] is configured

Explanation VPC is configured

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_DOWN: Peer vPC [dec] is down ([chars])

Explanation Peer vPC is down

Recommended Action No action is required.

Error Message VPC-6-PEER_VPC_UP: Peer vPC [dec] is up

Explanation Peer vPC is up

Recommended Action No action is required.

Error Message VPC-6-STATS_CLEARED: vPC Statistics Cleared

Explanation VPC statistics cleared

Recommended Action No action is required.

Error Message VPC-6-TRACK_OBJ_CONFIGURED: In domain [dec], track object configured [dec]

Explanation VPC track object configured

Recommended Action No action is required.

Error Message VPC-6-TRACK_OBJ_DELETED: In domain [dec], track object deleted

Explanation VPC track object deconfigured

Recommended Action No action is required.

Error Message VPC-6-TYPE1_PARAM_CHANGED: TYPE-1 parameters changed: [chars]

Explanation Type-1 Parameters Changed

Recommended Action No action is required.

Error Message VPC-6-VPCM_INTERNAL_INFO: [chars]

Explanation VPCM got an internal info [chars]

Recommended Action No action is required.

Error Message VPC-6-VPC_ALLOWED_VLAN_CHANGED: vPC [dec] operational vlans changed

Explanation Operational vlans changed on vPC

Recommended Action No action is required.

Error Message VPC-6-VPC_CFGD: vPC [dec] is configured

Explanation VPC is configured

Recommended Action No action is required.

Error Message VPC-6-VPC_CONSISTENCY_CHECK_BYPASS: Bypassing consistency check for vPC: [dec]

Explanation Bypassing consistency check for vpcs

Recommended Action No action is required.

Error Message VPC-6-VPC_CONSISTENCY_NEW_VLAN_PASS: Global Consistency check for vPC passed for new vlans

Explanation Global Consistency check for vPC passed for new vlans

Recommended Action No action is required.

Error Message VPC-6-VPC_DOMAIN_ID_CFGD: vPC domain-id configured to [dec]

Explanation VPC domain-id configured

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_EGRESS_DF_STATE_CHANGED: Egress designated forwarder state changed from [chars] to [chars] for vPC [dec].

Explanation DF state changed for some vPC.

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_CFGD: Fabricpath switch ID [dec] configured

Explanation Fabricpath switch ID configured

Recommended Action No action is required.

Error Message VPC-6-VPC_ES_ID_REMOVED: Fabricpath switch ID [dec] removed

Explanation Fabricpath switch ID removed

Recommended Action No action is required.

Error Message VPC-6-VPC_PEER_LINK_CFGD: vPC peer-link is configured

Explanation VPC Peer-link is configured

Recommended Action No action is required.

Error Message VPC-6-VPC_PER_VLAN_CONSISTENCY_PASSED: Global Consistency check for vPC passed for all vlans

Explanation Global Consistency check for vPC passed for all vlans

Recommended Action No action is required.

VPM Messages

This section contains the VPM messages.

VPM-2

Error Message VPM-2-GENERAL_ERROR: [chars]

Explanation The VP Manager has encountered a critical error. The description of error is [str.]

Recommended Action No action is required.

Error Message VPM-2-MALLOC_ERROR: Size [dec] bytes

Explanation The VP Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-2-PSS_ERROR: [chars]

Explanation The VP Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message VPM-2-VPMON_CRIT: [chars] [dec]

Explanation VPMON daemon critical message

Recommended Action No action is required.

Error Message VPM-2-VPMON_DPP_DOWNLOAD: HB failure, Restarting the DPP [dec]

Explanation VPMON daemon re-downloading DPP(s)

Recommended Action ISAPI API users need to re-download config data to fast path

Error Message VPM-2-VPMON_DPP_RELOAD_FORCE: Force reload of DPP(s) [chars]: [chars]

Explanation VPMON daemon critical action message

Recommended Action No action is required.

VPM-3

Error Message VPM-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.]

Recommended Action No action is required.

Error Message VPM-3-SEND_TO_ILC_FAILED: [chars]

Explanation The VP Manager could not send to ILC for DG=[chars], at slot=[dec] processor=[dec] and SAP=[dec].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-3-SEND_TO_SNMP_AGENT_FAILED: [chars]

Explanation The VP Manager could not send to SNMP Agent for DG=[chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message VPM-3-UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The VP Manager has received an unknown message from [dec]].[dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message VPM-3-VPM_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The VP Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

VPM-4

Error Message VPM-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the VP Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

VPM-6

- Error Message** VPM-6-BECAME_ACTIVE: Became ACTIVE from standby mode
- Explanation** The VP Manager on the standby supervisor became active and it is ready to serve client requests.
- Recommended Action** No action is required.
- Error Message** VPM-6-BECAME_STDBY: Became STANDBY from active mode
- Explanation** The VP Manager became standby from active mode.
- Recommended Action** No action is required.
- Error Message** VPM-6-DG_DEREGISTERED: [chars]
- Explanation** The VP Manager has deregistered DG [chars] at slot=[dec] processor=[dec] and SAP=[dec].
- Recommended Action** No action is required.
- Error Message** VPM-6-DG_REGISTERED: [chars]
- Explanation** The VP Manager has registered DG [chars] from slot=[dec] processor=[dec] and SAP=[dec].
- Recommended Action** No action is required.
- Error Message** VPM-6-EXITING: Exited due to [chars]
- Explanation** The VP Manager process has exited due to [char]. The process has probably been restarted automatically.
- Recommended Action** No action is required.
- Error Message** VPM-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]
- Explanation** The VP Manager was unable to send heartbeat to the system manger
- Recommended Action** No action is required.
- Error Message** VPM-6-GENERAL_EVENT: [chars]
- Explanation** The VP Manager has generated an important event. The description of the event is [str.]
- Recommended Action** No action is required.

Error Message VPM-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of VP Manager has been recreated

Recommended Action No action is required.

Error Message VPM-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases of Vp Manager has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message VPM-6-SERVICE_UP: Initialized [chars]

Explanation The VP Manager is up and ready to accept client requests The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message VPM-6-SWITCHOVER: Switching Over to other Sup.

Explanation The VP Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message VPM-6-VPMON_INFO: [chars]

Explanation VPMON daemon informational message

Recommended Action No action is required.

Error Message VPM-6-VPMON_STARTING: daemon started

Explanation The VPMON daemon successfully started

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_LICENSE_GRACE: MDS LICENSE in grace period for feature : [chars]

Explanation MDS license is in grace period. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_LICENSE_REVOKED: MDS LICENSE REVOKED for feature : [chars]

Explanation MDS license is revoked. Please retrieve a new MDS license

Recommended Action No action is required.

Error Message VPM-6-VPM_MDS_TIMED_LICENSE: Timed MDS LICENSE for feature : [chars]

Explanation Timed MDS license

Recommended Action No action is required.

VPM-SLOT#-2

Error Message VPM-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

VRRP-CFG Messages

This section contains the VRRP-CFG messages.

VRRP-CFG-2

Error Message VRRP-CFG-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message VRRP-CFG-2-VSH_REGISTER_FAIL: VSH registration failed returning [dec]

Explanation VRRPsparsetreeregistrationwithVSHfailed'

Recommended Action No action is required.

VRRP-CFG-3

Error Message VRRP-CFG-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message VRRP-CFG-3-VRRP_FEATURE_MANAGER_ERROR: Error in feature manager operation

Explanation The feature manager operation did not go through fine

Recommended Action Please check the reason for error using feature manager and rectify the problem

VRRP-CFG-5

Error Message VRRP-CFG-5-STARTING: VRRP Manager service started

Explanation The service successfully started.

Recommended Action No action is required.

VRRP-ENG Messages

This section contains the VRRP-ENG messages.

VRRP-ENG-2

Error Message VRRP-ENG-2-ALLOC_MEMORY: Memory allocation failed

Explanation The service failed to allocate a block of dynamic memory.

Recommended Action No action is required.

Error Message VRRP-ENG-2-VR_FAILURE: Error in VR[chars] [dec] interface [chars].
Going to init state

Explanation The VR [dec] on the interface [chars] is in init state for an internal error.

Recommended Action Show interface to check the status of the interface, show configuration, status and statistics of the specified virtual router, enable the vrrp debug and shut/ no shut the specified virtual router.

VRRP-ENG-3

Error Message VRRP-ENG-3-ARP_INIT_ERROR: Failed to init ARP, ret [hex], errno [dec]

Explanation VRRP-ARP interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_IF_SESSION_REMOVAL_ERROR: Failed to remove interface level VRRP-BFD sessions ([hex] [hex]), Refer logs

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_ADD_ERROR: Failed to add a few VRRP-BFD sessions([hex] [hex]), Refer logs

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_CREATION_ERROR: Failed to create BFD session information([hex] [hex]), Refer logs

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-BFD_SESSION_REMOVAL_ERROR: Failed to remove a few VRRP-BFD sessions([hex] [hex]), Refer logs

Explanation Plz refer internal error history for more details.

Recommended Action No action is required.

Error Message VRRP-ENG-3-INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure occurred while initializing the component [chars].

Recommended Action Show processes to check the status of the other processes, debug the specified component.

Error Message VRRP-ENG-3-IP_INIT_ERROR: Failed to init IP, ret [hex], errno [dec]

Explanation VRRP-IP interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-L3VM_INIT_ERROR: Failed to init L3VM, ret [hex], errno [dec]

Explanation VRRP-L3VM interaction failed.

Recommended Action No action is required.

Error Message VRRP-ENG-3-URIB_INIT_ERROR: Failed to init URIB, ret [hex], errno [dec]

Explanation VRRP-URIB interaction failed.

Recommended Action No action is required.

VRRP-ENG-4

Error Message VRRP-ENG-4-BAD_ADV: VR[chars] ID [dec] on interface [chars] bad advertisement received: reason [chars]

Explanation The virtual router specified has received an invalid advertisement.

Recommended Action Check that all VRRP nodes have the same configuration.

VRRP-ENG-5

Error Message VRRP-ENG-5-INTERFACE_DOWN: Cannot start the VR[chars] [dec] since the interface [chars] is down

Explanation The specified VR is enabled but cantchangestatefrominit.Thespecifiedinterfaceisdownordoesn'thaveaprimariyIPaddressconfigured.'

Recommended Action No action is required.

Error Message VRRP-ENG-5-INTERFACE_STATE_CHANGE: Interface [chars] state changed to [chars]

Explanation The interface specified has changed state This could have triggered a VRRP status change.

Recommended Action No action is required.

Error Message VRRP-ENG-5-INVALID_CONFIG: Cannot start the VR[chars] [dec] on the interface [chars]. Invalid IP configuration. Reason: [chars]

Explanation The specified VR on interface [chars] is enabled but the IP configuration is not valid because of [chars].

Recommended Action Show interface to check that the IP address of the interface is configured and it is in the same subnet of the virtual router address.

Error Message VRRP-ENG-5-STARTING: VRRP Engine service started

Explanation The service successfully started.

Recommended Action No action is required.

Error Message VRRP-ENG-5-VR_STATE_CHANGE: VR[chars] ID [dec] on interface [chars] state changed to [chars], event [chars]

Explanation The status of the specified virtual router has changed to [chars].

Recommended Action No action is required.

VRRP-ENG-6

Error Message VRRP-ENG-6-VSHA_RESULT: VR ID [dec] on interface [chars] state change request result [chars]

Explanation The result of the request for status change on the virtual router (with VSHA extension) specified is [chars].

Recommended Action No action is required.

VSAN Messages

This section contains the VSAN messages.

VSAN-2

Error Message VSAN-2-PROGRAM_EXIT: process exiting with reason: [chars]

Explanation VSAN manager process is exiting with reason [chars].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-3

Error Message VSAN-3-CFS_OPERATION_FAILED: cfs [chars] operation failed : [chars]

Explanation Cfs operation [chars1] has failed. [chars2]

Recommended Action Please check the reason for the failure of the cfs operation and rectify the problem

Error Message VSAN-3-MEM_ALLOC_FAILED: alloc failed for size:[dec]

Explanation Memory allocation of size [dec] failed.

Recommended Action Do "show process memory" command to see memory usage of processes.

Error Message VSAN-3-MESSAGE_ERROR: could not handle message:[chars] of type [dec] sent by addr [dec]:[dec]

Explanation Got an IPC message [chars] of type [dec1] sent by a component running on node [dec2] with sap [dec3].

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

VSAN-6

Error Message VSAN-6-ACTIVATED: VSAN:[dec] changing from suspended to active

Explanation Making VSAN with ID [dec] active from suspended state.

Recommended Action No action is required.

Error Message VSAN-6-CFS_MERGE_NOT_SUPPORTED: merging of fctimer configuration data is not supported

Explanation Merging of fctimer configuration data using cfs is not supported

Recommended Action No action is required.

Error Message VSAN-6-CREATED: Created VSAN:[dec] with name:[chars]

Explanation Created VSAN with ID [dec] and name [chars].

Recommended Action No action is required.

Error Message VSAN-6-MEMBERSHIP_UPDATE: Updated membership for interface:[chars] with VSAN:[dec]

Explanation Updating membership for interface [chars] with VSAN [dec].

Recommended Action No action is required.

Error Message VSAN-6-REMOVED: Removed VSAN:[dec]

Explanation Removed VSAN with ID [dec].

Recommended Action No action is required.

Error Message VSAN-6-SUSPENDED: VSAN:[dec] changing from active to suspended

Explanation Suspending VSAN with ID [dec] from active state.

Recommended Action No action is required.

Error Message VSAN-6-TRUNKING_MEMBERSHIP_UPDATE: trunking membership updated for interface:[chars] with VSAN bitmap:[chars]

Explanation Updated trunking membership for interface [chars1] with allowed VSAN list [chars2].

Recommended Action No action is required.

VSC Messages

This section contains the VSC messages.

VSC-SLOT#-2

Error Message VSC-SLOT#-2-CPP_CATASTROPHIC_ERR: ERROR: Component ([chars]) caused critical error

Explanation Virtualization software suffers critical error

Recommended Action Perform graceful shutdown and restart the linecard

Error Message VSC-SLOT#-2-CPP_RELOAD: Component ([chars]) is reloading the linecard

Explanation No response to critical error notification from application

Recommended Action Response to critical error notification and perform graceful shutdown

Error Message VSC-SLOT#-2-REGISTER_NOTIF_REPLY_FAILED: Component ([chars]) fails to register to receive notification reply

Explanation System will not receive partner notification reply

Recommended Action Virtualization software will restart the linecard after reply timeout.

VSC-SLOT#-3

Error Message VSC-SLOT#-3-SSM_GET_SW_CARDID: Get SSM software card ID failed

Explanation SSM get software card ID failed

Recommended Action There is a serious error and the linecard need to be restarted

VSC-SLOT#-5

Error Message VSC-SLOT#-5-RX_PS_CRITICAL_NOTIF_REPLY: Component ([chars]) receives critical error notification reply

Explanation Partner software will handle critical error

Recommended Action Virtualization software wontrestartthelinecard.Itispartnersoftwareresponsibilitytodoshutdown'

VSD Messages

This section contains the VSD messages.

VSD-SLOT#-2

Error Message VSD-SLOT#-2-CPP_CATASTROPHIC_ERROR: ERROR: Component ([chars]) caused critical error please reboot SSM

Explanation Component caused critical error

Recommended Action Restart the linecard

VSD-SLOT#-6

Error Message VSD-SLOT#-6-VSD_INFO: [chars]

Explanation VSD daemon informational message

Recommended Action No action is required.

VSHA Messages

This section contains the VSHA messages.

VSHA-3

Error Message VSHA-3-VSHA_INIT_FAILED: Initialization failed. Component [chars]

Explanation The service failed to start. The failure is happened initializing the specified component

Recommended Action No action is required.

Error Message VSHA-SLOT#-3-LOG_VSHA_STATE_TIMEOUT: VSHA Shutting Down. Deport Wait Timeout for sg: [chars] (vrid [dec]).

Explanation SG was being shutdown. But DG could not be deported within specified time by the linecard

Recommended Action No action is required.

Error Message VSHA-SLOT#-3-LOG_VSHA_STATE: VSHA Shutting Down. Failure to deport dg: [chars] from sg: [chars] (vrid [dec]).

Explanation DG was either removed from SG or SG was offlined. But DG could not be deported by the linecard

Recommended Action No action is required.

VSHA-SLOT#-5

Error Message VSHA-SLOT#-5-LOG_VSHA_ARBT_DISK_STATE: Arbitration_disk [chars] for Service_Group [chars] (vrid [dec]) in error state

Explanation FCDD has reported arbt_disk as deleted/noi longer accessible.

Recommended Action No action is required.

Error Message VSHA-SLOT#-5-LOG_VSHA_DG_STATE: Disk_Group [chars] from Service_Group [chars] (vrid [dec]) in error state

Explanation VSHA resource monitor has detected dg is not accessible.

Recommended Action No action is required.

Error Message VSHA-SLOT#-5-LOG_VSHA_SG_STATE: State change for sg [chars] (vrid [dec]). New state is [chars]. State change reason is [chars]

Explanation Either a failover or user command caused a sg state change.

Recommended Action No action is required.

VSHD Messages

This section contains the VSHD messages.

VSHD-2

Error Message VSHD-2-VSHD_SYSLOG_EOL_ERR: EOL function [chars] from library [chars] exited due to Signal [dec]

Explanation Error in CLI EOL function

Recommended Action No action is required.

Error Message VSHD-2-VSHD_SYSLOG_PSS_SNAPSHOT_ERR: Source URI:[chars] Destination URI:[chars] errcode:[dec]

Explanation PSS snapshot error

Recommended Action No action is required.

Error Message VSHD-2-VSHD_SYSLOG_SDWRAP_ERR: Description:[chars] errcode:[dec]

Explanation Debug infrastructure error

Recommended Action No action is required.

VSHD-3

Error Message VSHD-3-VSHD_ROLE_DISTRIBUTE_FAILURE: Role distribution operation ([chars]) failed with error id [hex]

Explanation This is probably occurring due to unstable fabric

Recommended Action Please retry operation when fabric is stable

Error Message VSHD-3-VSHD_SYSLOG_FILE_ERR: Purpose:[chars] Filename:[chars] errcode:[dec]

Explanation File handling error

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_MTS_ERR: message [chars]

Explanation MTS message handling error

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_PARSE_TREE_ERR: [chars]

Explanation Error while updating parse tree in shell

Recommended Action No action is required.

Error Message VSHD-3-VSHD_SYSLOG_PSS_ERR: Purpose:[chars] URI:[chars]
errcode:[dec]

Explanation PSS handling error

Recommended Action No action is required.

VSHD-4

Error Message VSHD-4-VSHD_LICENSE_EXPIRY_WARNING: License [chars] expires on [chars]. Vsan policy will be set to default (deny) for all roles when license expires

Explanation Vsan policy would be set default (deny) for all roles when license expires

Recommended Action Please install the license file to continue using the feature.

Error Message VSHD-4-VSHD_ROLE_DATABASE_OUT_OF_SYNC: Role configuration database found to be different between the switches during merge

Explanation Role configuration database is recommended to be identical among all switches in the fabric.

Recommended Action Edit the configuration on one of the switches to obtain the desired role configuration database and then commit it

Error Message VSHD-4-VSHD_ROLE_DATABASE_VERSION_NOT_UNDERSTOOD: This switch does not understand the version of role configuration database received during merge

Explanation This is probably occurring due to different versions of system image on switches in the fabric

Recommended Action Please make sure all switches are running the same version of the system image

VSHD-5

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_CHANGE: VDC=[chars], VTY=[chars], user=[chars], CMD=" [chars] "

Explanation Configuration change notification

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_CONFIG_I: Configured from vty by [chars] on [chars]

Explanation CLI Configuration mode was exited

Recommended Action No action is required.

Error Message VSHD-5-VSHD_SYSLOG_ROLE_CREATED: New cli role [chars] created

Explanation New cli role created

Recommended Action No action is required.

VSHD-7

Error Message VSHD-7-VSHD_SYSLOG_PARSE_TREE_UPDATE: Parse tree [chars]

Explanation Parse tree updated in shell

Recommended Action No action is required.

VTP Messages

This section contains the VTP messages.

VTP-0

Error Message VTP-0-EMERGENCY_MSG: [chars]

Explanation VTP Emergency Message

Recommended Action Capture show tech-support vtp

VTP-1

Error Message VTP-1-ALERT_MSG: [chars]

Explanation VTP Alert Message

Recommended Action Capture show tech-support vtp

VTP-2

Error Message VTP-2-CRITICAL_MSG: [chars]

Explanation VTP Critical Message

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_LONG_VLAN_NAME_EXIST: VTP Mode changed to off as long vlan configuration exists

Explanation By default, VTP feature comes up in Server mode. long vlans can only operate in VTP transparent/off mode As long Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_PVLAN_EXIST: VTP Mode changed to off as Private VLAN configuration exists

Explanation By default, VTP feature comes up in Server mode. Private Vlans can only operate in VTP transparent/off mode As Private Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_OFF_RESERVED_VLAN_EXIST: VTP Mode changed to off as reserved vlan configuration exists

Explanation By default, VTP feature comes up in Server mode. reserved vlans can only operate in VTP transparent/off mode As Reserved Vlan configuration already exist, VTP mode is changed to off.

Recommended Action No action is required.

Error Message VTP-2-VTP_MODE_TRANSPARENT_VLAN_RES_LIMIT_EXIST: VTP Mode changed to transparent as vlan resource limit configuration exists

Explanation By default, VTP feature comes up in Server mode. resource limit configuration can only operate in VTP transparent/off mode As vlan resource limit configuration exists, VTP mode is changed to transparent.

Recommended Action No action is required.

VTP-3

Error Message VTP-3-ERROR_MSG: [chars]

Explanation VTP Error Message

Recommended Action No action is required.

VTP-4

Error Message VTP-4-BAD_STARTUP_VLAN_CONFIG_FILE: Failed to configure VLAN from startup-config. Fallback to use VLAN configuration file from non-volatile memory

Explanation VLAN software failed to use VLAN configuration from startup-config file. It will fallback to use the binary VLAN configuration file in non-volatile memory.

Recommended Action No action is required.

Error Message VTP-4-VLAN_CREATE_FAIL: Failed to create VLANs [chars]: [chars]

Explanation The VLANs specified in the error message could not be created. The VLAN manager called an VLAN database routine to create one or more VLANs, but the Vlan Manager failed the VLAN creation requests.

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE_VERSION: VLAN configuration file contained unknown file version: [dec]

Explanation The VLAN configuration file read by the VLAN manager contained an unrecognized file version number. (This may indicate an attempt to regress to an older version of the VLAN manager software.)

Recommended Action LOG_STD_ACTION

Error Message VTP-4-VTP_BAD_VLAN_CONFIGURATION_FILE: Vlan configuration file contained incorrect verification word: [hex]

Explanation The VLAN configuration file read by the VLAN manager did not begin with correct value which would indicate a valid VLAN configuration file. Thus, it has been rejected.

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_BAD_VLAN_DOMAIN_NAME_LENGTH: VLAN configuration file contained incorrect domain name length: [dec]

Explanation The VLAN configuration file read by the VLAN manager did not contain a valid domain name length. Thus, it has been rejected.

Recommended Action Please provision VTP domain name again

Error Message VTP-4-VTP_BAD_VLAN_PASSWORD_LENGTH: VLAN configuration file contained incorrect VTP password length: [dec]

Explanation The VLAN configuration file read by the VLAN manager did not contain a valid VTP password length. Thus, it has been rejected.

Recommended Action Please provision VTP password again

Error Message VTP-4-VTP_INVALID_DATABASE_DATA: VTP received bad data

Explanation Invalid data was received by VTP process

Recommended Action Collect show tech-support

Error Message VTP-4-VTP_PROTOCOL_ERROR: VTP protocol code internal error: [chars]

Explanation VTP protocol code encountered an unexpected error while processing configuration request, packet, or timer expiration.

Recommended Action Collect show tech-support

Error Message VTP-4-WARN_MSG: [chars]

Explanation VTP Warning Message

Recommended Action No action is required.

VTP-5

Error Message VTP-5-NOTIF_MSG: [chars]

Explanation VTP Notification Message

Recommended Action No action is required.

VTP-6

Error Message VTP-6-IFS_FAILURE: VLAN manager encountered file operation error: call = [chars] / file = [chars] / code = [dec] ([chars]) / bytes transfered = [dec]

Explanation VTP received an unexpected error return from a file system call.

Recommended Action Collect show tech-support

Error Message VTP-6-INFO_MSG: [chars]

Explanation VTP Informational Message

Recommended Action No action is required.

Error Message VTP-6-VTP_DOMAIN_NAME_CHG: VTP domain name changed to [chars].

Explanation The VTP domain name was changed through configuration to the name specified in the message. A management domain is the naming scope of a VLAN name. Each VLAN has a name that is unique within the management domain.

Recommended Action No action is required.

Error Message VTP-6-VTP_MODE_CHANGE: VLAN manager changing device mode from [chars] to [chars].

Explanation Some switch devices must automatically change VTP device modes upon receipt of a VLAN configuration database containing more than a set number of VLANs, depending on the device. This message indicates that such a spontaneous conversion has occurred, what the previous mode was, and what the current mode is.

Recommended Action No action is required.

Error Message VTP-6-VTP_OLD_CONFIG_FILE_READ: Old version [dec] VLAN configuration file detected and read OK. Version [dec] files will be written in the future.

Explanation VLAN software detected an old version of the VLAN configuration file format. It was able to interpret the file with no problems but will create files using the new format in the future.

Recommended Action No action is required.

Error Message VTP-6-VTP_PRUNING_CHANGE: VTP Operational Pruning [chars].

Explanation VTP operational pruning changed. This can happen due to admin pruning change, VTP mode changes or VTP config propagation.
showvtpstatus'outputcanbelookeduptofindthereasonforthischange.'

Recommended Action Check
showvtpstatus'outputtofindthereasonforthischange.Noactionisrequired.'

VTP-7

Error Message VTP-7-DEBUG_MSG: [chars]

Explanation Association Manager Debug Message

Recommended Action No action is required.

WWN Messages

This section contains the WWN messages.

WWN-1

Error Message WWN-1-TYPE1_ALERT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has run out of WWNs. No new dynamically allocated WWNs are available. However, statically assigned WWNs such as switch WWN, port WWN, etc. are still available.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message WWN-1-TYPES2_5_ALERT: Only [dec] (< [dec] %) Type 2 & 5 WWNs Remain

Explanation The WWN Manager has run out of WWNs of NAA Types 2 and 5

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-2

Error Message WWN-2-BKPLN_PROM_CANT_READ: Can not read backplane PROM

Explanation The WWN Manager has failed to read chassis information. No dynamic WWNs could be allocated.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message WWN-2-EXITING: Exited due to [chars]

Explanation The WWN Manager process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message WWN-2-GENERAL_ERROR: [chars]

Explanation The WWN Manager has encountered an critical error. The description of error is [str.].

Recommended Action No action is required.

Error Message WWN-2-MALLOC_ERROR: Size [dec] bytes

Explanation The WWN Manager could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message WWN-2-PSS_BKP_PSS_MISMATCH: Block [dec]: PSS: Not Free; BKPLN PROM: Free

Explanation This WWN Manager detected a discrepancy between the information on the chassis and that in its persistent information databases. The persistent information database has been updated with the information on the chassis.

Recommended Action No action is required.

Error Message WWN-2-PSS_ERROR: [chars]

Explanation The WWN Manager encountered error while operating on a persistent storage database.

Recommended Action No action is required.

Error Message WWN-2-STDOUT_ROTATE_FAILURE: Failed to rotate stdout file: [chars]

Explanation The WWN Manager has failed to rotate its current stdout file with filename [str.]. The filesize could grow beyond its maximum limit.

Recommended Action No action is required.

Error Message WWN-2-TYPE1_CRIT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

Error Message WWN-2-TYPES2_5_CRIT: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-3

Error Message WWN-3-PSS_SYNC_TO_STNDBY_FAILED: PSS TYPE=[chars] KEY=[chars]

Explanation Could not send PSS Sync. notification to Standby Supervisor. PSS Type=[str.] Operation=[.str] Key=[Str.].

Recommended Action No action is required.

Error Message WWN-3-RELEASE_ERR_UNKNOWN: Unknown WWN [chars] [chars]

Explanation WWN Manager received a request to release a WWN [char] that could not have been allocated by this WWN Manager due to [char].

Recommended Action No action is required.

Error Message WWN-3-RELEASE_ERR: Cant Rel. WWN [chars]

Explanation WWN Manager received a request to release a WWN that cannot be released.

Recommended Action No action is required.

Error Message WWN-3-STARTUP_COPY_TO_RUNNING_FAILED: [chars]

Explanation Could not snapshot Startup-Config PSS to Running-Config. The description of error is [str].

Recommended Action No action is required.

Error Message WWN-3-TOOMANY_REQ_REL: WWNs [chars] = [dec]

Explanation The WWN Manager received a request to allocate [dec] WWN, which is more than the maximum number of WWNs that can be allocated/released in a single request.

Recommended Action No action is required.

Error Message WWN-3-UNKNOWN_MSG: Received from Node=[dec] SAP=[dec] Opcode=[dec]

Explanation The WWN Manager has received an unknown message from [dec].[dec] with opcode [dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message WWN-3-WWN_PSS_CORRUPTED: [chars] PSS found corrupted

Explanation The WWN Manager has detected corruption in one of its persistent information database. The database would be recreated.

Recommended Action No action is required.

WWN-4

Error Message WWN-4-PSS_SUP_CNT_MISMATCH: PSS [dec] Bkpln [dec]

Explanation The WWN Manager has detected that some other supervisor card was plugged in earlier on this chassis. This WWN Manager is making sure that new WWNs allocate do not conflict with WWNs that could have been allocated by the previous supervisor card.

Recommended Action No action is required.

Error Message WWN-4-PSS_VERSION_MISMATCH: PSS [dec] Code [dec]

Explanation There was a version mismatch between the WWN Manager and one of its persistent storage databases. The persistent information has been translated to the new format.

Recommended Action No action is required.

Error Message WWN-4-TYPE1_WARN: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs remaining for allocation.

Recommended Action No action is required.

Error Message WWN-4-TYPES2_5_WARN: [dec] (< [dec] %) Remain

Explanation The WWN Manager has only [dec] or less than [dec]-percent WWNs of NAA Types 2 and 5 remaining.

Recommended Action Please add additional WWNs by programming a new Secondary MAC address and its range.

WWN-5

Error Message WWN-5-VSAN_WWN_CHANGE: [chars]

Explanation VSAN-WWN created or deleted. The description of error is [str.].

Recommended Action No action is required.

WWN-6

Error Message WWN-6-ALLOCATED_BLOCK: Block number [dec]

Explanation The WWN Manager has allocated a new block, block number [dec], of 256 WWNs for internal use.

Recommended Action No action is required.

Error Message WWN-6-BECAME_ACTIVE: Became ACTIVE from standby mode

Explanation The WWN Manager on the standby supervisor became active and it is ready to serve client requests for WWNs.

Recommended Action No action is required.

Error Message WWN-6-BECAME_STDBY: Became STANDBY from active mode

Explanation The WWN Manager became standby from active mode.

Recommended Action No action is required.

Error Message WWN-6-EXCESSIVE_DELAY: [chars]

Explanation Excessive time taken for a processing event. The description of the event is [str.].

Recommended Action No action is required.

Error Message WWN-6-FAILED_TO_SEND_HEARTBEAT: Failed to send heartbeat to system manager: Reason=[chars]

Explanation The WWN Manager was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message WWN-6-GENERAL_EVENT: [chars]

Explanation The WWN Manager has generated an important event. The description of the event is [str.].

Recommended Action No action is required.

Error Message WWN-6-PSS_CREATED: [chars] PSS Created

Explanation One of the persistent information database of the WWN Manager has been recreated.

Recommended Action No action is required.

Error Message WWN-6-PSS_DESTROYED: [chars] PSS Destroyed

Explanation One of the persistent information databases has been intentionally destroyed and would be recreated.

Recommended Action No action is required.

Error Message WWN-6-RELEASED_BLOCK: Block number [dec]

Explanation The WWN Manager has released a block, block number [dec], of 256 WWNs.

Recommended Action No action is required.

Error Message WWN-6-SEC_MAC_UPDATED: MAC=[chars] Range=[dec]

Explanation The WWN Manager had updated the Secondary MAC address with MAC address [char] and range [dec]. This update was initiated from a management entity.

Recommended Action No action is required.

Error Message WWN-6-SERVICE_UP: Initialized [chars]

Explanation The WWN Manager is up and ready to accept client requests for WWNs. The service was initialized in [char] mode.

Recommended Action No action is required.

Error Message WWN-6-SWITCHOVER: Switching Over to other Supervisor

Explanation The WWN Manager has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

WWN-7

Error Message WWN-7-RELEASE_ERR_FREE: Already free WWN [chars]

Explanation A client of WWN Manager attempted to release WWN [char] which is already free. This information is for debugging only.

Recommended Action No action is required.

X2_USD Messages

This section contains the X2_USD messages.

X2_USD-2

Error Message X2_USD-2-DC3_X2_SYSLOG_INTERNAL_SOFTWARE_ERROR: An internal error in the X2 driver occurred on port [dec]: [chars] [dec]

Explanation An unexpected internal X2 driver software error occurred

Recommended Action Contact technical support

Error Message X2_USD-2-DC3_X2_SYSLOG_INVALID_TRANSCEIVER_TYPE: Module in port [dec] has an invalid transceiver type of [hex]

Explanation An unsupported module was plugged into the port

Recommended Action Retry with a supported module

Error Message X2_USD-2-DC3_X2_SYSLOG_NVRAM_CHKSUM_FAILURE: NVRAM checksum failure for module in port [dec]

Explanation Non-volatile memory checksum error in module

Recommended Action Remove and reinsert module and retry operation

Error Message X2_USD-2-DC3_X2_SYSLOG_ONEX_INITIALIZATION_FAILURE: A validated OneX module in port [dec] failed initialization with error [hex]

Explanation A OneX module was detected and validated, but failed initialization

Recommended Action Remove and reinsert module and retry operation

Error Message X2_USD-2-DC3_X2_SYSLOG_ONEX_VALIDATION_FAILURE: OneX module in port [dec] failed validation with error [hex]

Explanation A counterfeit OneX module detected, or a valid OneX has a corrupt sprom

Recommended Action Replace OneX module

X2_USD Messages

X2_USD-5

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_INSERTION: OneX inserted into port [dec]

Explanation OneX X2 to SFP+ Converter inserted is detected

Recommended Action Ensure OneX insertion an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_REMOVAL: OneX removed from port [dec]

Explanation OneX X2 to SFP+ Converter removal is detected

Recommended Action Ensure OneX removal an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPLUS_INSERTION: SFP+ inserted into port [dec]

Explanation SFP+ insertion into OneX X2 to SFP+ Converter detected

Recommended Action Ensure SFP+ insertion into OneX an expected action

Error Message X2_USD-5-DC3_X2_SYSLOG_ONEX_SFPPPLUS_REMOVAL: SFP+ removed from port [dec]

Explanation SFP+ removal from OneX X2 to SFP+ Converter detected

Recommended Action Ensure SFP+ removal from OneX an expected action

XBAR_CLIENT Messages

This section contains the XBAR_CLIENT messages.

XBAR_CLIENT-2

Error Message XBAR_CLIENT-2-CROSS_LINK_SYNC_LOSS: XBAR-[chars].

Explanation Cross links lost sync and hence xbar is brought down.

Recommended Action Please reload the xbar using reloadxbar<xbar-num

Error Message XBAR_CLIENT-2-MEM_FULL: Memory allocation failed.

Explanation XBAR_CLIENT process has failed to allocate memory.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-2-MEM_FULL: memory allocation failed

Explanation Process xbar_client failed to allocate memory

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-2-PROC_DN: Process is shutting down: [chars].

Explanation XBAR_CLIENT process is exiting.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-2-PROC_DN: exiting: [chars].

Explanation Process xbar_client is exiting

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-2-PROC_INITFAIL: Process initialization failed due to [chars].

Explanation XBAR_CLIENT process has failed initialization.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-2-PROC_INITFAIL: initialization failed due to [chars]

Explanation Process xbar_client failed initialization

Recommended Action Please examine the xbar-client event-history for more information.

XBAR_CLIENT-3

Error Message XBAR_CLIENT-3-IPC_MSGERR: Error in processing IPC message: [dec], Error code = [dec].

Explanation XBAR_CLIENT process has encountered an error in processing message.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-3-IPC_MSGERR: failure processing IPC message [dec], error code = [dec]

Explanation Process xbar_client failed to process IPC message

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-3-IPC_MSGUNKN: Received unexpected IPC message: [dec].

Explanation XBAR_CLIENT process has received an unknown message.

Recommended Action Please perform a showxbar-clientevent-history'tocollectmoreinformation.'

Error Message XBAR_CLIENT-3-IPC_MSGUNKN: unknown IPC message received: [dec]

Explanation Process xbar_client has received an unknown IPC message.

Recommended Action Please examine the xbar-client event-history for more information.

Error Message XBAR_CLIENT-3-SUP2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization failed

Recommended Action Please perform a
showprocessxbar-clientevent-history'tocollectmoreinformation'

XBAR_CLIENT-SLOT#-2

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_MEM_FULL: memory allocation failed in routine [chars]

Explanation Process xbar_client failed to allocate memory

Recommended Action Please perform a
showprocessxbar-clientevent-history'tocollectmoreinformation'

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_DN: terminating due to signal [dec]

Explanation Process xbar_client is exiting

Recommended Action Please perform a
showprocessxbar-clientevent-history'tocollectmoreinformation'

Error Message XBAR_CLIENT-SLOT#-2-VEGAS2_XBC_PROC_INITFAIL: initialization failed: [chars], errno [dec]

Explanation Process xbar_client failed initialization

Recommended Action Please perform a
showprocessxbar-clientevent-history'tocollectmoreinformation'

XBAR_CLIENT-SLOT#-3

Error Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_IPC_MSGUNKN: unknown IPC message received: opcode [dec]

Explanation Process xbar_client has received an unknown IPC message

Recommended Action Please perform a
showprocessxbar-clientevent-history'tocollectmoreinformation'

Error Message XBAR_CLIENT-SLOT#-3-VEGAS2_XBC_MOD_INIT_FAIL: [chars], errcode - [hex]

Explanation The module initialization failed

Recommended Action Please perform a 'showprocessxbar-clientevent-history'tocollectmoreinformation'

XBAR_DRIVER_USD Messages

This section contains the XBAR_DRIVER_USD messages.

XBAR_DRIVER_USD-2

Error Message XBAR_DRIVER_USD-2-SCZ_ACCESS_FAILED: Xbar Driver Failed to access reg for [chars]

Explanation Xbar Driver Access failed

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Error Message **EX** XBAR_DRIVER_USD-2-SCZ_CATASTROPHIC: Xbar Driver catastrophic failure: [chars]

Explanation Xbar Driver catastrophic error

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_INTR: Xbar Driver Interrupt occurred: [chars]

Explanation Interrupt occurred on the xbar

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SCZ_SW_INIT_ABORTED: Xbar Driver Failed to finish Software Initialization: [chars]

Explanation Xbar Driver Software Initialization failed

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SHUTDOWN: Xbar Driver software process exiting: [chars]

Explanation Xbar Driver shutting down

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-2-SYNC_FAILED: Xbar Driver sync failed: [chars]

Explanation Xbar Driver Sync failed for the xbar channel

Recommended Action No action is required.

XBAR_DRIVER_USD-3

Error Message XBAR_DRIVER_USD-3-EN_DATA_FAILED: Xbar Driver enable data failed for slot:[dec] asic:[dec] channel: [hex]

Explanation Xbar Driver Enable Datapath failed for the xbar channel

Recommended Action No action is required.

XBAR_DRIVER_USD-5

Error Message XBAR_DRIVER_USD-5-STARTING: Xbar Driver process starting

Explanation Xbar Driver process is being started

Recommended Action No action is required.

XBAR_DRIVER_USD-6

Error Message XBAR_DRIVER_USD-6-DIS_DATA: Xbar Driver disable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation Disabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-EN_DATA: Xbar Driver enable datapath done for slot:[dec] asic:[dec] channel: [hex]

Explanation Enabled Datapath successfully for the xbar channel

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-HW_INIT: Xbar DriverHW initialization has been done for Slot: [dec] Asic: [dec]

Explanation Xbar Driver HW initialization has been called[dec]

Recommended Action No action is required.

Error Message XBAR_DRIVER_USD-6-SYNC_DONE: Xbar Driver sync done for slot:[dec] asic:[dec] channel: [hex]

Explanation Sync Completed successfully for the xbar channel

Recommended Action No action is required.

XBAR Messages

This section contains the XBAR messages.

XBAR-2

Error Message XBAR-2-ARB_INIT_FAIL: Arbiter Initialization failed return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-2-INCOMPATIBLE_CONFIG: [chars] [dec] [chars].

Explanation This module is not compatible with the current fabric mode. It will be powered down.

Recommended Action No action is required.

Error Message XBAR-2-XBAR_INSUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has insufficient xbar-bandwidth.

Explanation To track insufficient xbar-bandwidth.

Recommended Action No action is required.

Error Message XBAR-2-XBAR_MIXED_SPINES_POLICY_MATCHED: [chars]

Explanation Fabric could not be brought online due to policy match:

Recommended Action No action is required.

Error Message XBAR-2-XBAR_SUFFICIENT_XBAR_BANDWIDTH: Module in slot [dec] has sufficient xbar-bandwidth.

Explanation To track recovery from insufficient xbar-bandwidth.

Recommended Action No action is required.

Error Message XBAR-2-XBM_EEM_FABRIC_ACTION: Fabric [chars] has been reloaded by xbar-manager because of an eem-policy triggered action [chars] %i

Explanation Xbar-manager has removed the fabric because an eem policy has been met This means that the fabric has hit the maximum number of recoverable sync-losses with multiple line-cards within a time-window.

Recommended Action No action is required.

Error Message XBAR-2-XBM_EEM_MODULE_ACTION: Module [chars] has been reloaded by xbar-manager because of an eem-policy triggered action

Explanation Xbar-manager has removed the linecard because an eem policy has been met This means that the module has hit the maximum number of recoverable sync-losses with fabric card(s) within a time-window.

Recommended Action No action is required.

XBAR-3

Error Message XBAR-3-MEM_FULL: Memory allocation failed. [chars] %i

Explanation

Recommended Action No action is required.

XBAR-4

Error Message XBAR-4-XBAR_MIXED_SPINES_IN_CHASSIS: [chars]

Explanation There are both FAB-1 and FAB-2 type spines in the Chassis. Please replace the FAB-1 spines with FAB-2 Spines.

Recommended Action No action is required.

XBAR-5

Error Message XBAR-5-ARBITER_INIT_FAILURE: Re-initializing Arbiter. [chars]
[chars] module %i

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_CLEAR_PORT_FAIL: Arbiter reported failure to de-register
port [dec] in group [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_DIS_INTR_FAIL: Arbiter reported failure to
disable interrupt for module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INSERT_CHECK_FAIL: Arbiter reported failure to
recognize module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INSERT_FAIL: Arbiter reported failure to init
module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_INTR_FAIL: Arbiter reported failure to enable
interrupt for module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_MOD_REMOVE_FAIL: Arbiter reported failure to remove module [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-ARB_INIT_PORT_FAIL: Arbiter reported failure to register port [dec] in group [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an arbiter setup failure .

Recommended Action No action is required.

Error Message XBAR-5-MOD_CONNECTION_REATTEMPT: Re-attempting XBAR connection with module [dec]

Explanation The module has experienced a setup failure on connecting the module to the fabric.

Recommended Action Collect more informations about XBAR component Use command showxbarinternalevent-historymodule<moduleid

Error Message XBAR-5-SYNC_THRESHOLD_FAILURE: Module resync threshold exceeded [chars] [chars] module %i

Explanation This module has exceeded the number of resync attempts in a day. Module will be reloaded

Recommended Action No action is required.

Error Message XBAR-5-XBAR_ENABLE_FPOE_DB_FAILURE: XBAR [chars] enabling FPOE-DB mode failed

Explanation The supervisor failed to enable FPOE-DB mode in fabric. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_INIT_FAILURE: XBAR [chars] initialization failed [chars] %i

Explanation The supervisor has experienced a fabric initialization failure. The supervisor is going to reboot. In case of dual supervisor, a switchover will occur.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_INIT_FAIL: Xbar [[dec].[dec]] reported failure during initialization return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_MOD_INSERT_SEQ_FAILURE: [chars] for module [dec]

Explanation The xbar manager received failure response and is failing the insert sequence

Recommended Action No action is required.

Error Message XBAR-5-XBAR_MOD_LC_INSERT_SEQ_FAILURE: Module in slot [dec] has failed insert sequence

Explanation The xbar manager is failing the insert sequence

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_CHECK_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to check sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_CONTINUE_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to continue sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_FORCE_POE_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable force poe mode on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_FORCE_POE_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable force poe mode on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_LPBACK_DISABLE_FAIL: Xbar [[dec].[dec]] reported failure to disable port loopback on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_LPBACK_ENABLE_FAIL: Xbar [[dec].[dec]] reported failure to enable port loopback on [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_PORT_START_SYNC_FAIL: Xbar [[dec].[dec]] reported failure to start sync on port [dec] return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_RELEASE_ACCESS_FAIL: Slot [dec] reported failure releasing [chars] xbar access return_code [hex] ([chars])

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_SET_ACCESS_FAIL: Slot [dec] reported failure acquiring [chars] xbar access return_code [hex] ([chars])

Explanation The supervisor has experienced an xbar access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_STANDBY_SUP_ARB_FAIL: [chars] return_code [hex] ([chars])

Explanation The supervisor has experienced an arbiter access failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_STATUS_REPORT: Module [dec] reported status for component [dec] code [hex].

Explanation An error status has been reported. If error is on supervisor, the supervisor is going to reboot. In case of dual supervisors, a switchover will occur. If error is on module, the module will be power cycled.

Recommended Action No action is required.

Error Message XBAR-5-XBAR_SW_INIT_FAIL: Xbar [[dec].[dec]] reported failure during sw initialization return_code [hex] ([chars]).

Explanation The supervisor has experienced an xbar setup failure .

Recommended Action No action is required.

Error Message XBAR-5-XBAR_VERSION_CHECK_FAILURE: XBAR [chars] SCZ version check failed [chars] %i

Explanation This SUP has an older Santacruz version, and so will not be allowed to power-up, Please upgrade to the latest supervisor version.

Recommended Action No action is required.

XCVR_USD Messages

This section contains the XCVR_USD messages.

XCVR_USD-6

Error Message XCVR_USD-6-XCVR_USD_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message XCVR_USD-6-XCVR_USD_LOG_MSG: [chars]

Explanation Debug log message

No action is required.

XCVR Messages

This section contains the XCVR messages.

XCVR-6

Error Message XCVR-6-XCVR_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

Error Message XCVR-6-XCVR_LIB_DEBUG_MSG: [chars]

Explanation Debug log message

Recommended Action No action is required.

XMLMA Messages

This section contains the XMLMA messages.

XMLMA-2

Error Message XMLMA-2-HEARTBEAT_FAIL: XML master agent failed to send heart beat: [chars]

Explanation XML master agent has failed sending heartbeat.

Recommended Action No action is required.

Error Message XMLMA-2-INITFAIL: XML master agent initialization fails: [chars]

Explanation XML master agent has failed initialization.

Recommended Action No action is required.

Error Message XMLMA-2-MTSERROR: XML master agent mts operation failed: [chars]

Explanation XML master agent mts operation failed.

Recommended Action No action is required.

Error Message XMLMA-2-PSSFAILURE: XML master agent pss operation failed: [chars]

Explanation XML master agent pss operation failed.

Recommended Action No action is required.

Error Message XMLMA-2-XMLMACRIT: XML master agent: [chars]

Explanation XML master agent critical log.

Recommended Action No action is required.

XMLMA-3

Error Message XMLMA-3-XMLMAERR: XML master agent: [chars]

Explanation XML master agent error log.

Recommended Action No action is required.

XMLMA-5

Error Message XMLMA-5-STARTING: XML master agent started [chars]

Explanation XML master agent has been started.

Recommended Action No action is required.

XMLMA-6

Error Message XMLMA-6-XMLMAEXIT: XML master agent exiting...: [chars]

Explanation XML master agent is exiting.

Recommended Action No action is required.

Error Message XMLMA-6-XMLMALOG: XML master agent operation log: [chars]

Explanation XML master agent operation log.

Recommended Action No action is required.

XMLSA Messages

This section contains the XMLSA messages.

XMLSA-2

Error Message XMLSA-2-HEARTBEAT_FAIL: XML sub agent failed sending heart beat: [chars]

Explanation XML sub agent failed sending heartbeat.

Recommended Action No action is required.

Error Message XMLSA-2-INITFAIL: XML sub agent initialization fails: [chars]

Explanation XML agent has failed initialization.

Recommended Action No action is required.

Error Message XMLSA-2-USER_INACTIVE: XML sub agent timed out: [chars]

Explanation XML sub agent timedout due to inactivity.

Recommended Action No action is required.

Error Message XMLSA-2-VSH_ERR: XML sub agent vsh cmd error...: [chars]

Explanation XML sub agent vsh cmd error.

Recommended Action No action is required.

XMLSA-5

Error Message XMLSA-5-STARTING: XML sub agent started: [chars]

Explanation XML sub agent has been started.

Recommended Action No action is required.

XMLSA-6

Error Message XMLSA-6-XMLSAEXIT: XML sub agent exiting...: [chars]

Explanation XML sub agent is exiting.

Recommended Action No action is required.

Error Message XMLSA-6-XMLSALOG: XML sub agent log: [chars]

Explanation XML sub agent log.

Recommended Action No action is required.

ZBM Messages

This section contains the ZBM messages.

ZBM-2

Error Message ZBM-2-ZBM_HA_FAILURE: Failed to do high availability operation: [chars].

Explanation Failed to do high availability operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ZBM-2-ZBM_INIT_FAILED: Initialization failed for ZBM: [chars], reason: [hex].

Explanation Initialization failed for ZBM due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_INIT_WARNING: Initialization warning for ZBM: [chars], reason: [hex].

Explanation Initialization warning for ZBM due to [chars], reason: [hex].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_LINECARD_STATUS: Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Explanation Status from linecard: [dec], for module: [chars](ID: [dec]), status : [dec], error_id: [hex], catastrophic: [chars], restart count: [dec].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_MALLOC_FAILURE: Memory allocation failed for size [dec]

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message ZBM-2-ZBM_MTS_FAILURE: Failed to do MTS operation: [chars].

Explanation Failed to do MTS operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ZBM-2-ZBM_MTS_REGISTRATION_FAILED: MTS options setting to [hex] failed for opCode: [dec].

Explanation MTS options setting to [hex] failed for opCode: [dec].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_PSS_FAILURE: Failed to do PSS operation: [chars], reason: [hex].

Explanation Failed to do PSS operation [chars]. [hex] is the reason.

Recommended Action No action is required.

Error Message ZBM-2-ZBM_PSS_VER_FAIL: PSS file [chars] has version [dec].[dec].[dec], expected version [dec].[dec].[dec].

Explanation There was a mismatch in the PSS version. [chars] indicates the PSS service, [dec].[dec].[dec] its current version number and [dec].[dec].[dec] the expected version.

Recommended Action No action is required.

Error Message ZBM-2-ZBM_RUNTIME_FAILURE: [chars] [dec], Error: [hex]

Explanation ZBM runtime failure is reported as [chars] [dec], reason: [hex].

Recommended Action No action is required.

Error Message ZBM-2-ZBM_TCAM_FAILURE: Failed to do TCAM operation: [chars].

Explanation Failed to do TCAM operation. [chars] is the reason.

Recommended Action No action is required.

Error Message ZBM-2-ZBM_TCAM_SEND: [chars]

Explanation Sending to team [chars]

Recommended Action No action is required.

ZBM-4

Error Message ZBM-4-ZBM_WARNING: [chars] [dec]

Explanation ZBM warning messages is reported as [chars] [dec].

Recommended Action No action is required.

ZBM-6

Error Message ZBM-6-ZBM_DIAG_EVENT_STATUS: [chars] [hex].

Explanation ZBM system health management event status is reported as [chars] [hex].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_ECHO_PROGRAMMING_FAILED: [chars].

Explanation Programming echo entry failed for [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_E_PORT_EVENT_STATUS: [chars] [chars].

Explanation ZBM xEport event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_FCC_EVENT_STATUS: [chars] [chars].

Explanation ZBM FCC event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_INIT_PROCESS: Zone Block Mgr process started [chars] at [chars]

Explanation Zone Block Mgr process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_LINECARD_EVENT_STATUS: [chars] [hex].

Explanation ZBM linecard event status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_MCAST_EVENT_STATUS: [chars] [chars].

Explanation ZBM multicast event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_NX_PORT_EVENT_STATUS: [chars] [chars].

Explanation ZBM Nx Port event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_PORT_MODE_EVENT_STATUS: [chars] [chars].

Explanation ZBM portmode event status is reported as [chars] [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_RUNTIME_STATUS: [chars] [dec]

Explanation ZBM runtime status is reported as [chars] [dec].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_STATUS: ZBM Status: [chars].

Explanation ZBM status is reported as [chars].

Recommended Action No action is required.

Error Message ZBM-6-ZBM_UPDATE_SSRAM_QOS_EVENT_STATUS: [chars] [chars].

Explanation ZBM update SSRAM for QoS event status is reported as [chars] [chars].

Recommended Action No action is required.

ZONE Messages

This section contains the ZONE messages.

ZONE-2

Error Message ZONE-2-LZ_EXITING: LUN/Read-only zoning process exited. Reason: [chars]

Explanation The LUN/Read-only zoning process has exited due to [char]. The process has probably been restarted automatically.

Recommended Action No action is required.

Error Message ZONE-2-LZ_GENERAL_ERROR: [chars]

Explanation The LUN/Read-only zoning process has encountered a critical error. The description of error is [str].

Recommended Action No action is required.

Error Message ZONE-2-LZ_INIT_FAILED: Initialization of LUN/Read-only zoning Process failed at [chars]

Explanation Initialization of LUN/Read-only zoning process failed at [char].

Recommended Action No action is required.

Error Message ZONE-2-LZ_MALLOC_ERROR: Size [dec] bytes

Explanation The LUN/Read-only zoning process could not allocate memory.

Recommended Action Please contact the Cisco reseller through which you procured the product for support. If you have purchased a Cisco support contract please call Cisco TAC for support.

Error Message ZONE-2-ZS_ALIAS_LIMIT_EXCEEDED: The limit for maximum number of aliases exceeded

Explanation The number of aliases configured has exceeded the maximum number of aliases allowed per vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of aliases is less than the maximum allowed in a vsan.

Error Message ZONE-2-ZS_ATTR_GROUP_LIMIT_EXCEEDED: The limit for maximum number of attribute groups exceeded

Explanation The number of attribute groups configured has exceeded the maximum number of attribute groups allowed in a vsan Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of attribute groups is less than the maximum allowed in a vsan.

Error Message ZONE-2-ZS_BLOCKED_ATTR_PRESENT: Module [dec] failed to come online due to [chars]

Explanation Module [dec] failed to come up due to [chars].

Recommended Action Verify if RO/LUN/Broadcast attributes are configured, in any VSAN, disable if configured

Error Message ZONE-2-ZS_CHANGE_ACA_FAILED: ACA failed : [chars]

Explanation Zone Server cannot acquire change authorization : [chars].

Recommended Action Verify the interoperability mode on all the switches OR retry later.

Error Message ZONE-2-ZS_CHANGE_ACQUIRE_AUTH_FAILED: Acquire authorization failed on VSAN [dec]

Explanation Zone Server cannot acquire authorization on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN_DOM: Activation failed : reason [chars] domain [dec]

Explanation Zone Server cannot activate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED_RESN: Activation failed : reason [chars]

Explanation Zone Server cannot activate due to reason [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_ACTIVATION_FAILED: Activation failed

Explanation Zone Server cannot activate the zoneset.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_APPLY_FAILED: Apply changed failed on VSAN [dec]

Explanation Zone Server cannot apply changes on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN_DOM: Deactivation failed : reason [chars] domain [dec]

Explanation Zone Server cannot deactivate due to reason [chars] on domain [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED_RESN: Deactivation failed : reason [chars]

Explanation Zone Server cannot deactivate due to reason [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_DEACTIVATION_FAILED: Deactivation failed

Explanation Zone Server cannot deactivate the zoneset.

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_RELEASE_AUTH_FAILED: Release authorization failed on VSAN [dec]

Explanation Zone Server cannot release authorization on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_RRCA_REJECTED: RRCA received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RRCA from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_RUFC_REJECTED: RUFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid RUFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_SFC_FAILED: SFC failed : [chars]

Explanation Zone Server cannot stage zone configuration : [chars].

Recommended Action Verify the interoperability mode on all the switches.

Error Message ZONE-2-ZS_CHANGE_SFC_REJECTED: SFC received from remote domain [dec] is rejected: [chars]

Explanation Received invalid SFC from domain [dec]. : [chars]

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_BY_NAME_FAILED: Stage activate zoneset by name failed on VSAN [dec]

Explanation Zone Server cannot stage activate zoneset by name on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_ACTIVATE_ZSSET_ENH_FAILED: Stage activate zone set enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage activate zone set enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DEACTIVATE_ZSSET_ENH_FAILED: Stage deactivate zoneset enhanced failed on VSAN [dec]

Explanation Zone Server cannot stage deactivate zoneset enhanced on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_DFLT_ZONE_FAILED: Stage distribute default zone failed on VSAN [dec]

Explanation Zone Server cannot stage distribute default zone on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_DISTRIBUTE_ZS_DB_FAILED: Stage distribute zoneset database failed on VSAN [dec]

Explanation Zone Server cannot stage distribute zoneset database on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_MODE_FAILED: Stage set zoning mode failed on VSAN [dec]

Explanation Zone Server cannot stage set zoning mode on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_CHANGE_STAGE_SET_ZONING_POLICIES_FAILED: Stage set zoning policies failed on VSAN [dec]

Explanation Zone Server cannot stage set zoning policies on VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_DB_OPERATION_FAILED: Database operation error: [chars]

Explanation Database operation is failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_EXPORT_IMPORT_FAILED: [chars] operation failed

Explanation [chars] (Export/Import) operation failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_FC2_DB_SIZE_LIMIT_EXCEEDED: Zone database size [dec] bytes exceeded maximum limit of [dec] bytes.

Explanation Zone database size exceeded : [chars].

Recommended Action Make sure that database size is less than the maximum limit.

Error Message ZONE-2-ZS_FIPS_COMPLIANCE_FAILURE: FIPS compliance error: consecutively same random numbers

Explanation FIPS compliance error: consecutively same random numbers

Recommended Action No action is required.

Error Message ZONE-2-ZS_HARD_LIMIT_EXCEEDED: Maximum configurable zone limit of [dec] reached. Creation of any more zones is not supported.

Explanation The number of zones configured has exceeded the maximum number of zones: [dec] allowed across all vsans. Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zones is less than the maximum allowed across all vsan.

Error Message ZONE-2-ZS_INIT_FAILED: [chars]

Explanation Zone Server initialization failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LICENSE_UNAVAIL: License:[chars] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs

Explanation License:[char] unavailable, removing LUN members, read-only attribute and re-activating active zonesets on all affected VSANs.

Recommended Action No action is required.

Error Message ZONE-2-ZS_LIC_FAILURE: License [chars] operation failed for license [chars]

Explanation License [char] operation failed for license [char].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LUN_DISABLING_FAILED: license expiry handling failed for VSAN [dec]

Explanation License expiry handling failed for VSAN [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_LUN_MEMBER_LIMIT_EXCEEDED: The limit for maximum number of lun members exceeded

Explanation The number of lun members configured has exceeded the maximum number of lun members allowed across all vsans Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of lun members is less than the maximum allowed across all vsans.

Error Message ZONE-2-ZS_MALLOC_FAILURE: Memory allocation failed for size [dec]

Explanation Memory allocation is failed for size [dec] bytes.

Recommended Action Restart the process.

Error Message ZONE-2-ZS_MEMBER_SOFT_LIMIT_REACHED: Zone member count has reached the maximum validated limit of [dec]. Creation of any more members could potentially destabilize the fabric.

Explanation The number of zone members configured has exceeded the validated number of members: [dec] allowed across all vsans. Creation of any more zones could potentially destabilize the fabric.

Recommended Action Make sure the number of zone members is less than the validated limit allowed across all vsans.

Error Message ZONE-2-ZS_MEMBER_HARD_LIMIT_EXCEEDED: Maximum configurable unique zone member limit of [dec] reached. Creation of any more zone members is not supported.

Explanation The number of members configured has exceeded the maximum number of members: [dec] allowed across all vsans. Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of members is less than the maximum allowed across all vsans.

Error Message ZONE-2-ZS_MERGE_ADJ_NO_RESPONSE: Adjacent switch not responding, isolating interface [chars]

Explanation Interface [chars] isolated due to adjacent switch not responding to Zone Server requests.

Recommended Action Flap the interface.

Error Message ZONE-2-ZS_MERGE_FAILED: Zone merge failure, isolating interface [chars] [chars]

Explanation Interface [chars] isolated due to zone merge failure. error [chars]

Recommended Action Compare active zoneset with the adjacent switch OR use "zone merge interface [interface] {import/export} VSAN [VSAN-num]" command.

Error Message ZONE-2-ZS_MERGE_FULL_DATABASE_MISMATCH: Zone merge full database mismatch on interface [chars]

Explanation Full zoning databases are inconsistent between two switches connected by interface [chars]. Databases are not merged.

Recommended Action Compare full zoning database with the adjacent switch, correct the difference and flap the link.

Error Message ZONE-2-ZS_MERGE_UNKNOWN_FORMAT: Unknown format, isolating interface [chars]

Explanation Interface [chars] isolated due to unknown format in merge request.

Recommended Action Set the interoperability mode to same value on both switches.

Error Message ZONE-2-ZS_MTS_OPER_FAILED: MTS [chars] operation failed : [chars]

Explanation Zone Server MTS [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message ZONE-2-ZS_NO_RSCN_ON_SW_CARD: Devices on Module [dec] will not be receiving RSCN as [chars]

Explanation Devices on Module [dec] will not be receiving RSCN as [chars].

Recommended Action Enable Zone Based RSCN

Error Message ZONE-2-ZS_PORT_SWAP_FAILURE: Port swap operation failed

Explanation Port swap operation failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_PSS_VER_MISMATCH: PSS version mismatch URL: [chars] (expected [chars], got [chars])

Explanation Configuration version mismatch. PSS URL [chars]. Expected version [chars], stored version [chars].

Recommended Action Upgrade/Downgrade to expected version.

Error Message ZONE-2-ZS_SHARED_DB_INIT_FAILED: Zone Server shared DB initialization failed : [chars].

Explanation Zone Server shared DB initialization failed.

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_SOFT_LIMIT_REACHED: Zone count has reached the maximum validated limit of [dec]. Creation of any more zones could potentially destabilize the fabric.

Explanation The number of zones configured has exceeded the validated number of zones: [dec] allowed across all vsans. Creation of any more zones could potentially destabilize the fabric.

Recommended Action Recommended Action Make sure the number of zones is less than the validated limit allowed across all vsans.

Error Message ZONE-2-ZS_TCAM_BROADCAST_ZONE_DISABLED: Broadcast zoning disabled : Reason: Hard zoning disabled

Explanation Broadcast zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_LUN_ZONING_DISABLED: LUN zoning disabled : Reason: Hard zoning disabled

Explanation LUN zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_PROGRAMMING_FAILED: TCAM operation failed : [chars], Reason: [chars]

Explanation TCAM Programming failure has occurred : [chars]. [chars] is the reason for failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_READ_ONLY_ZONE_DISABLED: Read-only zoning disabled : Reason: Hard zoning disabled

Explanation Read-only zoning disabled : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_TCAM_SWITCHED_TO_SOFT_ZONING_MODE: Switched to soft zoning : Reason: Hard zoning disabled

Explanation Switched to soft zoning : Reason: Hard zoning disabled due to TCAM programming failure.

Recommended Action No action is required.

Error Message ZONE-2-ZS_VIRTUAL_DOMAIN_INCONSISTENT: IVR reporting virtual domain different from rib and domain manager in vsan [dec]

Explanation IVR reporting virtual domain different from rib and domain manager in vsan [dec].

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_BASED_RSCN_DISABLED: Zone based RSCN Generation has been Disabled. Devices on non ISOLA line cards will not be receiving RSCN

Explanation Devices on one or more line cards will not be receiving RSCN as RSCN generation by zone has been disabled on this switch

Recommended Action No action is required.

Error Message ZONE-2-ZS_ZONE_SET_LIMIT_EXCEEDED: The limit for maximum number of zonesets exceeded

Explanation The number of zonesets configured has exceeded the maximum number of zonesets allowed across all vsans. Due to this, distribution or merge operation may fail.

Recommended Action Make sure the number of zonesets is less than the maximum allowed across all vsans.

ZONE-3

Error Message ZONE-3-LZ_UNKNOWN_MSG: Recvd. from Node=[dec] SAP=[dec]

Explanation The LUN/Read-only zoning process has received an unknown message from [dec].[dec]. This information is for debugging only.

Recommended Action No action is required.

Error Message ZONE-3-ZS_ACTIVATION_FAILED_DUE_TO_QOS_DISABLED: Activation failed due to qos not enabled

Explanation Activation of zoneset failed due to qos not enabled

Recommended Action Make sure qos is enabled and reactivate the zoneset in vsan.

Error Message ZONE-3-ZS_MGMT_SEC_SDB_ERR: [chars] : [chars].

Explanation FC CT Mgmt Security shared db operation : [chars] : [chars].

Recommended Action Contact Cisco TAC for support.

ZONE-4

Error Message ZONE-4-LZ_OTHER_CMD_TO_ZONED_OUT_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message ZONE-4-ROZ_WRITE_ACCESS_TO_READ_ONLY_LUN: FCP command [hex] received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received FCP command [int] from SID [char] to DID [char] for a read-only LUN [char].

Recommended Action No action is required.

Error Message ZONE-4-ZS_BROADCAST_LUN_WARNING: LUN member(s) and Broadcast attribute are present in zone [chars] in vsan [dec]. Broadcast violations can occur for LUN members.

Explanation Broadcast violations can happen in zone [chars] in vsan [dec] since it has LUN zone members.

Recommended Action No action is required.

Error Message ZONE-4-ZS_CHANGE_LC_UPGRADE_IN_PROGRESS: Change protocol request is received from domain [dec] when linecard upgrade is in progress

Explanation A change request has been received from domain [dec] when a linecard upgrade is in progress. The change request is rejected.

Recommended Action No action is required.

Error Message ZONE-4-ZS_DB_WARNING: [chars]

Explanation Database operation warning: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_DOMAIN_MGR_WARNING: Unable to retrieve domain info from domain mgr error: [chars] in vsan [dec]

Explanation Unable to retrieve info of domain from domain manager, error: [chars] in vsan [dec].

Recommended Action No action is required.

Error Message ZONE-4-ZS_FC2_OPER_FAILED: FC2 [chars] operation failed : [chars]

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_IF_PORT_MODE_CONFLICT: Port mode conflict for if [chars]

Explanation Port mode conflict for if [chars]

Recommended Action Shutdown/no shutdown the interface

Error Message ZONE-4-ZS_INVALID_FPORT_WWN_MEMBER: Virtual device fwwn: [chars] is not a valid zone/alias member virtual name: [chars] pwwn: [chars]

Explanation Virtual device fwwn: [chars] is not a valid zone/alias member, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_LC_UPGRADE_CHANGE_IN_PROGRESS: Linecard upgrade request is received when change protocol is in progress

Explanation A request for linecard upgrade has been received when change protocol is in progress. The linecard upgrade will occur after the completion of the change protocol.

Recommended Action No action is required.

Error Message ZONE-4-ZS_LICENSE_EXPIRY_WARNING: Feature [chars] evaluation license [chars] expiry in [dec] days

Explanation Feature [chars1] will exceed its evaluation time period in [dec] days and will be shutdown unless a permanent license [chars2] is installed.

Recommended Action Please install the license file to continue using the feature.

Error Message ZONE-4-ZS_MEMBER_CONVERSION_FAILED: Zone Member conversion failed for [chars]. Error: [chars]

Explanation Zone Member conversion has failed in : [chars] due to error: [chars]

Recommended Action No action is required.

Error Message ZONE-4-ZS_MGMT_SEC_RJT: FC CT Management Server query Rejected: [chars]. from FCID [hex]

Explanation mgmt-security has rejected FC CT Management Server query: [chars]. from FCID [hex].

Recommended Action No Action is required.

Error Message ZONE-4-ZS_NON_INTEROPERABLE_ZONE_SET: Non interoperable active zoneset present on VSAN [dec] in interoperability mode

Explanation Active zoneset has non interoperable members (FCID, FWWN, ..) when interoperability mode is turned on the VSAN [dec].

Recommended Action Turn off interoperability mode OR make sure that active zoneset has only interoperable members (PWWN).

Error Message ZONE-4-ZS_QOS_LUN_WARNING: LUN member(s) and QoS attribute are present in zone [chars] in vsan [dec]. QoS will not be applicable for LUN members.

Explanation QoS will not be applicable to LUN zone members in zone [chars] in vsan [dec].

Recommended Action No action is required.

Error Message ZONE-4-ZS_SDV_VIRT_REAL_CONFLICT_WARNING: Virtual and Real devices are zoned together or zoned with same device. virtual name: [chars] pwwn: [chars]

Explanation Virtual and Real devices are zoned together or zoned with same device, virtual name: [chars] pwwn: [chars].

Recommended Action No action is required.

Error Message ZONE-4-ZS_TOO_MANY_ALIAS_IN_CURRENT_INTEROP_MODE: Too many aliases in current interoperability mode

Explanation Too many aliases configured in current interoperability mode on the VSAN. Due to this, the next zoneset activation, distribution or merge operation may fail.

Recommended Action Set the interoperability mode to appropriate value OR make sure the number of aliases is less than the maximum allowed in the current interoperability mode.

Error Message ZONE-4-ZS_UNSUPPORTED_MEMBER_IN_CURRENT_INTEROP_MODE: Unsupported member present in active or full zoneset in current interoperability mode

Explanation Active or full zoneset has members that are not supported in the current interoperability mode set on the VSAN.

Recommended Action Set the interoperability mode to appropriate value OR make sure that active or full zoneset has only supported members in the current interoperability mode.

ZONE-5

Error Message ZONE-5-ZS_EXPORT_IMPORT_COMPLETE: [chars] operation completed

Explanation [chars] (Export/Import) operation completed.

Recommended Action No action is required.

Error Message ZONE-5-ZS_POLICY_CHANGE: Default zoning policy changed to [chars]

Explanation Default zoning policy changed to (permit/deny).

Recommended Action No action is required.

Error Message ZONE-5-ZS_ZONE_SET_ACTIVATED: Zoneset [chars] activated

Explanation Zoneset [chars] activated.

Recommended Action No action is required.

Error Message ZONE-5-ZS_ZONE_SET_DEACTIVATED: Zoneset deactivated

Explanation Zoneset deactivated.

Recommended Action No action is required.

ZONE-6

Error Message ZONE-6-LZ_BECAME_ACTIVE: LUN/Read-only zoning process became ACTIVE from standby mode

Explanation The LUN/Read-only zoning process on the standby supervisor became active.

Recommended Action No action is required.

Error Message ZONE-6-LZ_BECAME_STDBY: LUN/Read-only zoning process became STANDBY from active mode

Explanation The LUN/Read-only zoning process became standby from active mode.

Recommended Action No action is required.

Error Message ZONE-6-LZ_FAILED_TO_SEND_HEARTBEAT: LUN/Read-only zoning process failed to send heartbeat to system manager: Reason=[chars]

Explanation The LUN/Read-only zoning process was unable to send heartbeat to the system manager.

Recommended Action No action is required.

Error Message ZONE-6-LZ_GENERAL_EVENT: [chars]

Explanation The LUN/Read-only zoning process has generated an important event. The description of the event is [str].

Recommended Action No action is required.

Error Message ZONE-6-LZ_INQUIRY_TO_ZONED_OUT_LUN: INQUIRY command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received INQUIRY FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message ZONE-6-LZ_REPORT_LUNS_CMD_RCVD: REPORT LUNS command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received REPORT LUNS FCP command from SID [char] to DID [char] for LUN [char].

Recommended Action No action is required.

Error Message ZONE-6-LZ_REQUEST_SENSE_TO_ZONED_OUT_LUN: REQUEST SENSE command received from SID=[chars] to DID=[chars] for LUN=[chars]

Explanation The LUN/Read-only zoning process has received. REQUEST SENSE FCP command from SID [char] to DID [char] for a zoned out LUN [char].

Recommended Action No action is required.

Error Message ZONE-6-LZ_SERVICE_UP: LUN/Read-only zoning Process initialized [chars]

Explanation The LUN/Read-only zoning process is up. The process was initialized in [char] mode.

Recommended Action No action is required.

Error Message ZONE-6-LZ_SWITCHOVER: LUN/Read-only zoning process switching over to other supervisor.

Explanation The LUN/Read-only zoning process has successfully switched over to the standby supervisor card.

Recommended Action No action is required.

Error Message ZONE-6-ZS_CHANGE_ACA_REJECTED: ACA received from remote domain [dec] is rejected

Explanation Received invalid ACA from domain [dec]. Either the domain list do not match OR authorization has already been acquired by another switch.

Recommended Action Verify the interoperability mode on the switch.

Error Message ZONE-6-ZS_FC2_OPER_INFO: FC2 [chars] operation failed : [chars]

Explanation Zone Server FC2 [chars] operation failed : [chars].

Recommended Action No action is required.

Error Message ZONE-6-ZS_INIT_PROCESS: Zone Server process started [chars] at [chars]

Explanation Zone Server process started in [chars] (stateless/stateful) mode at time [chars].

Recommended Action No action is required.

Error Message ZONE-6-ZS_INIT_WARNING: [chars]

Explanation Warning during Zone Server Initialization: [chars].

Recommended Action No action is required.

Error Message ZONE-6-ZS_INVALID_MEMBER: Invalid member [dec] [chars]

Explanation Invalid member type [dec] [chars] received from the API call.

Recommended Action No action is required.

Error Message ZONE-6-ZS_MGMT_SERVER_REQ: ZS received FC CT Mgmt Server [chars]. Command code [hex], from FCID [hex].

Explanation FC CT request has been received from Management Server. It is [chars]. Command code [hex], from FCID [hex]

Recommended Action No Action is required.

Error Message ZONE-6-ZS_UNKNOWN_LIC_FEATURE: [chars]

Explanation Zone Server received an event for an known licensing feature: [chars].

Recommended Action No action is required.