

Cisco APIC Troubleshooting Guide

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Wukpi vjg Ekueq

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Cdqwv UUN Ekrjgtu 135

Fgvgt okpkpi vjg Uwrrqtvgf UUN Ekrjgtu Wukpi vjg ENK 136

CHAPTER 16

Tgoqxkpi Wpycpvgf awka Qdlgevu 137



Preface

 $Vj\,ku\ rtghceg\ kpenwfgu\ vjg\ hqnnq\,y\,kp\,i\ ugevkqpu<$

- Cwfkgpeg, rcig kz
- Fqewogpv Eqpxgpvkqpu, rcig kz
- Tgncvgf Fqewogpvcvkqp, rcig zk
- Fqewogpvcvkqp Hggfdcem, rcig zk

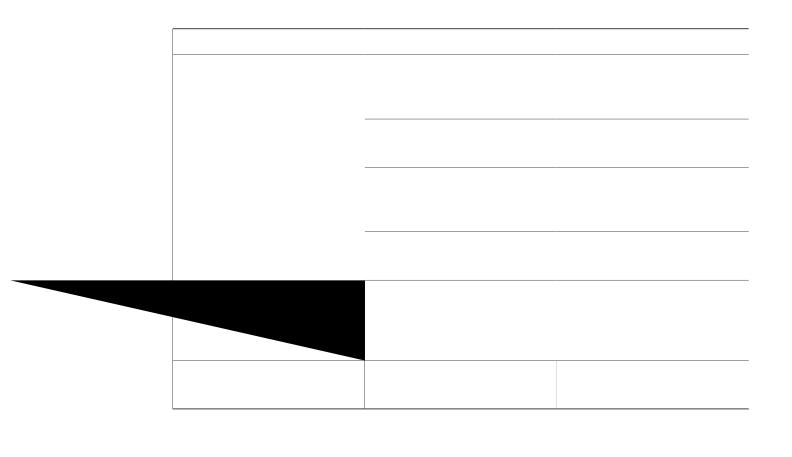
Audience

Vjku iwkfg

KORQTVCPV UCHGV [KPUVTWEVKQPU



New and Changed



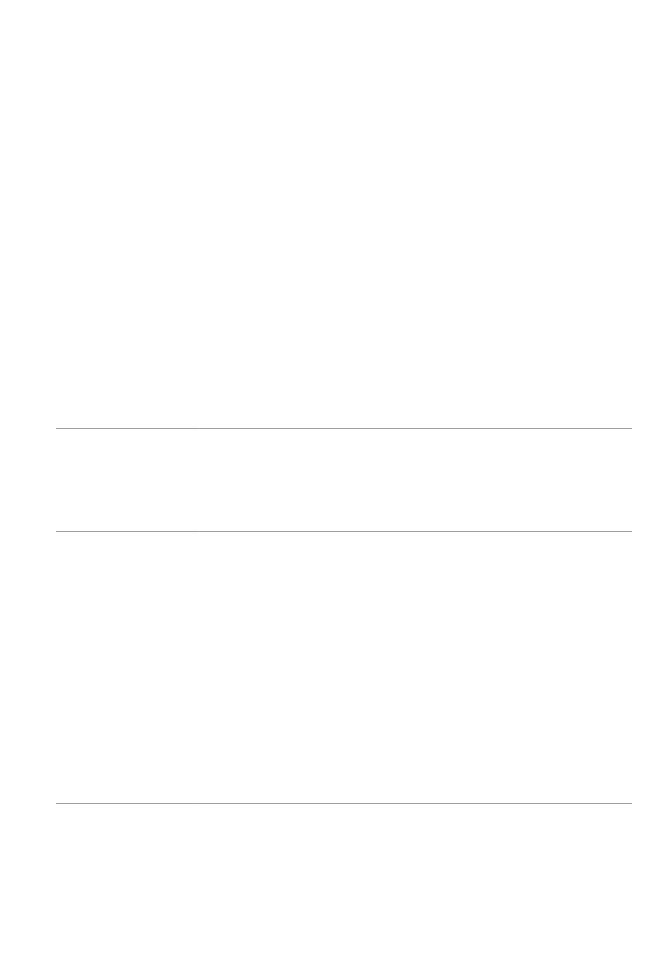


•		



Troubleshooting the Cisco APIC Cluster

Vjku ejcrvgt eqpvckpu kphqt o cvkqp cdqwv enwuvgt





Recovering Cisco APIC Passwords and Accessing Special Logins

Vjku ejcrvgt gzrnckpu jqy vq tgeqxgt {qwt Ekueq CRKE

at any time accepts your changes.]

< rhgb quiet selinux=0 audit=1 cek-cfokp-rcuuyf-tgugv</pre>

Step 9 Rtguu **Gpvgt** vq ucxg vjg hkng.

Step 10 Rtguu \mathbf{d} vq dqqv vjg CRKE.

Note Vq ecpegn vjg rcuu yqtf tgugv qrgtcvkqp cpf tgvwtp vq vjg fghcwnv dqqv rctc o gvgtu, rtguu **Gue** cpf **Gpvgt**.

Step 11 Vjg CRKE dqqvu cpf rtq o rvu hqt c pgy



Cisco APIC Troubleshooting Operations

Vjku ejcrvgt gzrnekpu jqy vq rgthqto vjg deuke vtqwdngujqqvkpi qrgtevkqpu epf eqpvekpu vjg hqnnqykpi ugevkqpu<

- Ujwwkpi Fqypvjg CRKE U{uvgo, rcig 15
- Ujwwkpi Fqyp vjg CRKE Eqpvtqnngt Wukpi vjg I WK, rcig 16
- Wukpi vjg CRKE

5 Ejgem vjcv vjg enwuvgt jcu

- 3 Kp vjg ogpw dct, enkem $U\{uvg\ o$.
- 4 Kp vjg uwd o gpw dct, enkem **Eqpvtqmgtu**.
- 5 Wpfgt **Eqpvtqnngtu.** enkem vjg CRKE pqfg vjcv {qw



Using the Cisco APIC Troubleshooting Tools

Vjku

• Gpcdnkpi cpf Xkgykpi

e) Htqo vjg \mathbf{Pcog} ftqr-fqyp nkuv, ejqqug

Step 3 Vjg hqmqykpi gzcorng ujqyu jqy vq wug vjg **ujqy cemqi**

Step 7 Vjg hqnnqykpi gzcorng ujqyu jqy vq wug vjg **ujqy cennqi ftqr n4 rmv**

- $\bullet \ Cvq \ o \ ke \ eqwpvgtu \ tgswktg \ cp \ cevkxg \ hcdtke \ Pgvyqtm \ Vk \ og \ Rtqvqeqn \ (PVR) \ rqnke\{.$
- Cvqoke eqwpvgtu yqtm hqt KRx6 uqwtegu cpf fguvkpcvkqpu dwv eqphkiwtkpi uqwteg cpf fguvkpcvkqp KR cfftguugu cetquu KRx4 cpf KRx6 cfftguugu ku pqv cmqygf.
- Cp cvq o ke eqwpvgt rqnke { eqphk i wtgf y kvj hxEGr cu vjg uqwteg cpf/qt fguvkpcvkqp eqwpvu qpn { vjg vtchhke vjcv ku htq o/vq vjg OCE cpf KR cfftguugu vjcv ctg rtgugpv kp vjg hxEGr ocpcigf qdlgevu (OQu). Kh vjg hxEGr OQ jcu O

• GRavqaGR I

Enabling and Viewing Digital Optical Monitoring Statistics

Tgcn-vkog fkikvcn qrvkecn o qpkvqtkpi (FQO) fcvc ku eqnngevgf htqo UHRu, UHR+, cpf ZHRu rgtkqfkecm{ cpf eqorctgf ykvj yctpkpi cpf cncto vjtgujqnf vcdng xcnwgu. Vjg FQO fcvc eqnngevgf ctg vtcpuegkxgt vtcpuokv dkcu ewttgpv, vtcpuegkxgt vtcpuokv rqygt, vtcpuegkxgt tgegkxg rqygt, cpf vtcpuegkxgt rqygt uwrrn{ xqnvcig.

Enabling Digital Optical Monitoring Using the GUI

Dghqtg {qw ecp xkgy fkikvcn qrvkecn o qpkvqtkpi (FQO) uvcvkuvkeu cdqwv c rj {ukecn kpvgthceg,

Filtering by Health Score

 $[\,qw\;ecp\;hknvgt\;jgcnvj\;ueqtgu\;wukpi\;vjg\;hqnnq\,y\,kpi\;vqqnu<$

- J gcnvj Uetqnn Dct— [qw ecp wug vjg jgcnvj uetqnn dct vq fkevcvg y jkej qdlgevu ctg xkukdng= nqygtkpi vjg ueqtg cnnqyu {qw vq ugg qpn{ qdlgevu ykvj c fgitcfgf jgcnvj ueqtg.
- Fkurnc{kpi Fgitcfgf Jgcnvj Ueqtgu—Vq fkurnc{ qpn{ vjg fgitcfgf jgcnvj ueqtgu, enkem vjg Igct keqp cpf ejqqug Ujqy qpn{ fgitcfgf jgcnvj WqWg. g.W ct{

Viewing Tenant Health

Vq xkg 25 104890Q 8L W K crnkecvkqp

jgcnvj,

Port Tracking Using the NX-OS CLI

Vjku rtqegfwtg gzrnckpu jqy vq wug vjg

Configuring SNMP for Monitoring and Managing Devices

Vjku ugevkqp gzrnckpu jqy vq eqphkiwtg

Before You Begin

 $Vq \; cnnq \; y \; UP \; OR \; eq \; o \; o \; wpkecvkqpu, \; \{qw \; o \; wuv \; eqphk \; i \; wtg \; vjg \; hqnnq \; ykp \; i <$

• Eqphkiwtg cp

- d) $Htqo\ vjg\ UPOR\ Rqnke \{\ ftqr-fqyp\ nkuv,\ ejqqug\ vjg\ UPOR\ rqnke \{\ vjcv\ \{qw\ eqphk\ i\ wtgf\ cpf\ enkem\ Uwd\ o\ kv. \} \}$
- Step 12 Wpfgt Rqf Rqnkekgu, gzrcpf Rtqhkngu cpf enkem fghcwnv.
- Step 13 Kp vjg **Yqtm rcpg**, htq o vjg **Hcdtke Rqnke{ I tqwr** ftqr-fqyp nkuv, ejqqug

Configuring an SNMP T

About SPAN

 $[qw\;ecp\;wug\;vjg\;Uy\;kvejgf\;Rqtv\;Cpcn\{\;|gt\;(URC\;P)\;wvknkv\{\;vq\;rgthqt\;o\;fgvckngf\;vtqwdngujqqvkpi\;|\;gt|\;qurversequeleeeqqueleeeqqueleqqueleeqqueleeqqueleeqqueleeqqueleeqqueleeqqueleqque$

Configuring a SPAN Session

 $Vjku\ rtqegfwtg\ ujqy\ u\ jqy\ vq\ eqphki\ wtg\ c\ URC\ P\ rqnke\{\ vq\ hqtyctf\ tgrnkecvgf\ uqwteg\ rcemgvu\ vq\ c\ tg\ o\ qvg\ vtchhkecpcn\{\ |\ gt.$

- Step 1 $\mbox{Kp vjg o gpw dct, enkem } \mbox{Vgpcpvu}.$
- Step 2 Kp vjg uwd o gpw dct, enkem vjg vgpcpv vjcv eqpvckpu vjg uqwteg gpfrqkpv.
- Step 3 Kp vjg **Pcxki cvkqp** rcpg, gzrcpf vjg vgpcpv, gzrcpf **Vtqwdngu j qqvkpi Rqnkekgu**, cpf gzrcpf **URO**

Command	Purpose
fgdwi rncvhqto kpvgtpcn uvcvu nqiikpi ngxgn nqiangxgn	Ugvu vjg fgdwi nqiikpi ngxgn.
fgdwi rncvhqto kpvgtpcn uvcvu nqiikpi }gtt-vtceg-hnqy;	Ugvu vjg fgdwi nqiikpi v{rg.

Managing Statistics Thresholds Using the GUI

Step 2 Kp vjg **Pcxki cvkqp** rcpg, enkem

• CRKE—Vjg CRKE engcpu wr qdlgevu kpenwfkpi kpvgthcegu, GRIu, vg o rgtcvwtg ugpuqtu, cpf jgcnvj uvcvkuvkeu chvgt qpg jqwt.

Specifying Syslog Sources and Destinations

Vjku ugevkqp gzrnckpu jqy vq etgcvg u $\{$ umqi fguvkpcvkqp itqwru, c u $\{$ unqi uqwteg, cpf

Creating a Syslog Destination and Destination Group

Before You Begin

Etgcvg c u{unqi

About Traceroute

Vjg vtcegtqwvg vqqn ku wugf

k) Enkem **Uwd o kv** vq ncwpej vjg vtcegtqwvg.

 $\begin{tabular}{lll} Step 6 & Kp vjg $\textbf{Pcxkicvkqp}$ rcpg qt vjg $\textbf{Vtcegtqwvg}$ $\textbf{Rqnkekgu}$ vcdng, enkem vjg vtcegtqwvg rqnke{.} \\ & Vjg vtcegtqwvg rqnke{ ku fkurnc{gf}} \end{tabular}$



 $\begin{array}{ccc} \text{Step 7} & & \text{Enkem } \textbf{UGCTE J} \,. \\ & & \text{C } dqz \end{array}$

Step 10 Enkem UVCTV cv vj g

Step 3 Kh

 $\label{thm:constraint} Uwrrn \{ \ \mbox{vjg etgfgpvkcnu} \ (\mbox{Wugt } \mbox{Pcog} \ \mbox{cpf } \mbox{Rcuuyqtf}) \ \mbox{qh vjg ugtxgt kp vjg } \mbox{Cwvjgpvkecvkqp } \mbox{Tgswktgf} \ \mbox{ykpfqy}. \\ \mbox{Vjg vtqwdngujqqvkpi tgrqtv ku vjgp fqypnqcfgf nqecnn} \{ \mbox{vq } \{ \mbox{qwt u} \{ \mbox{uygo} \ . \ \mbox{} \m$

Vjg CNN TGRQTVU ykpfqy crrgctu (ujqyp cu









Note

 $D\{\ fghcwnv,\ eqwpvgtu\ ykvj\ |\ gtq\ xcnwgu\ ctg\ jkffgp\ dwv\ vjg\ wugt\ ecp\ ejqqug\ vq\ ugg\ cnn\ vjg\ xcnwgu.$

 $[qw\;ecp\;cnuq\;xkgy\;cnn\;qh\;vjg\;uvcvkuvkeu\;hqt\;cnn\;\;o\;cpc\;igf\;qdlgevu\;cv\;qpeg\;d\{\;enkemkp\;i\;vjg\;Cnn\;keqp\;(question question que train que train$

Vjg uc og nqike crrnkgu kh {qw enkem vjg Cm keqp. Cm vjtgg vcdu (FTQR UVCVU, EQPVTCEV FTQRU, cpf VTCHHKE UVCVU+ ctg cnuq cxckncdng cpf jcxg vjg uc og v{rg

Related Topics

Wukpi vjg Eqpvtcevu Vtqwdngujqqvkpi Uetggp, qp rcig 90 $\,$

Using the Contracts Troubleshooting Screen

 $\label{eq:continuous} Enkem \ \textbf{Eqpvtcevu} \ kp \ vjg \ nghv \ pcxkicvkqp \ rcpg \ (ujqyp \ cu \ hqnnqyu) \ vq \ dgikp \ wukpi \ vjg \ \textbf{Eqpvtcevu} \ vtqwdngujqqvkpi \ uetggp.$

Gcej qpg qh vjg dnwg vcdng jgc hknygt vjcv kpfkecyg o wnykrng hkny	fkpi tqyu (ujqyp cdqxg) gt) kpfkecvgu c hknvgt. Vj	gtg ctg ownvkrng tqy	u wpfgt gc

- Cp{ vq Cp{
- Eqpvgzv Fgp{

 $Vj\,gug\,\,eqpvtcevu\,\,ctg\,\,ecvg\,i\,qtk\,|\,gf\,\,htq\,o\,\,vj\,g\,\,Uqwteg$

 $\textit{Kh } \{qw \ ugngev \ vjg \ Cm \ keqp \ (\\) \ hqt \ vjg \ \textbf{Cm} \ \textbf{Ejcpigu} \ uetggp, \\ \{qw \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ gxgpvu \ kpfkecvkpi \ cp \{ \ ejcpigu \ ecp \ ugg \ cm \ vjg \ ecp \ ugg \ cm \ vjg \ ecp \ ecp \ ugg \ cm \ vjg \ ecp \ ecp \ ugg \ ecp \ ecp \ ugg \ ecp \ e$

Using the Traceroute Troubleshooting Screen

Enkem

 $\label{thm:continuous} Vjku\ rtqvqeqn\ ku\ wpk-fktgevkqpcn,\ kp\ vjcv\ kv\ fqgu\ c\ vtcegtqwvg\ htq\ o\ vjg\ Uqwteg\ ngch\ vq\ vjg\ FguRpcvkqp\ gpfrqkpv\ qpn\{.$

• vei

Vjku rtqvqeqn ku cnuq dk-fktgevkqpcn, cu fguetkdgf cdqxg hqt vjg \mathbf{wfr} rtqvqeqn.

$\cdot wfr$

 $Vj\,ku\,\,rtqvqeqn\,ku\,\,dk\text{-}fktgevkqpcn,\,kp\,\,vj\,cv\,\,kv\,\,fqgu\,\,c\,\,vtcegtqwvg\,\,htq\,o\,\,vj\,g$

Related Topics

Wukpi vjg Cvqoke Eqwpvgt Vtqwdngujqqvkpi Uetggp, qp rcig 9;

Using the Atomic Counter Troubleshooting Screen

Enkem

Vjg tguwnvu ctg ujqyp kp vyq fkhhgtgpv hqtocvu. [qw ecp xkgy vjgo kp gkvjgt c dtkgh hqtocv, yjkej kpenwfgu c uwooct{,

Using the SPAN Troubleshooting Screen Enkem URCP kp vjg nghv pexkievkqp repg (ujqyp eu hqmqyu) vq dgikp wukpi vjg URCP vtqwdngujqqvkpi uetggp.

Wukpi vjku uetggp, {qw ecp urcp (qt oktqt) dk-fktgevkqpcn vtchhke cpf tgfktgev kv vq vjg cpcn{|gt. Kp c URCP uguukqp, {qw ctg ocmkpi c eqr{ cpf ugpfkpi kv vq vjg cpcn{|gt.

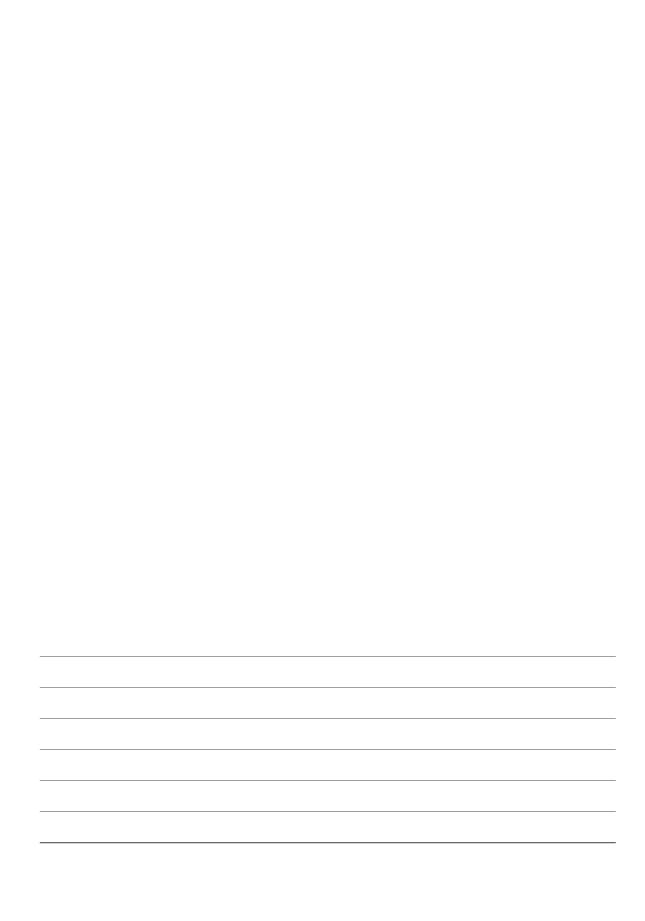
 $Vjku\;eqr\{\;iqgu\;vq\;c\;rctvkewnct\;jquv\;(vjg\;cpcn\{\;|gt\;KR\;cfftguu)\;cpf\;vjgp\;\{qw\;ecp\;wug\;rcftguu\}\}$



interactive API

Vq etgcvg





generatereport API

Vq

getreportstatus API

 $Vq\ ig\ vjg\ uvcvwu\ qh\ c\ igpgtcvgf\ tgrqtv\ wukpi\ vjg\ CR\c k,$

deletesession API

 $Vq\ fgngvg\ c\ rctvkewnct\ vtqwdngu\ j\ qqvkp\ i\ uguukqp\ wukp\ i\ vjg\ CR\ K,\ wug\ vjg\ \textbf{fgngvguguukqp}\ CR\ K.\ Vjg\ o\ q\ fwng\ pc\ o\ g$

Wu	gf

• i gvuguukqpfgvckn CRK

Syntax Description

Q	С	*	F • +
- u			U · p
- f			F· p
- u			U · KR c
- f			F· KR c
_ 3 .			U · OC
- f			F· OC
- u			N3 · u KR c
- fR			N3 ·
- u		V	U v q v v u
- •			Gp v q v v u
			$\begin{array}{cccccccccccccccccccccccccccccccccccc$

k

R

- cpcn{ugt	AAA
- fguw{rg	Fguvkpcvkqp v{ rg
- urcputerqtvu	Urcp uqwteg rqtvu

generatereport API

 $Vq\ igpgtevg\ c\ vtqwdngujqqvkpi\ tgrqtv\ wukpi\ vjg\ CRK,\ wug\ vjg\ \textbf{igpgtevgtgrqtv}\ CRK.\ Vjg\ o\ q\ fwng\ pc\ o\ g\ ku$

·	·	 ·



Note

 $\label{eq:continuous} V{\tt jgtg}\;ctg\;pq\;qrvkqpcn\;cti\,w\,o\,gpvu\;(\textbf{qrvactiu})\;hqt\;v{\tt jg}\;i\,gvtgrqtvunkuv\;CR{\tt K}.$

getsessionslist API

 $Vq\ igv\ c\ nkuv\ qh\ vtqwdnguj\ qqvkp\ i\ uguukqpu \ wukp\ i\ vjg\ CRK,\ wug\ vjg\ \textbf{i}\ \textbf{gvuguukqpunkuv}\ CRK.\ Vjg\ o\ q\ fwng\ pc\ o\ g\ ku\ \textbf{vt}$

Hqt o cv qh tgrqtv vq dg igpgtcvgf

Uejgfwngt pcog hqt

contracts API

V

 $\label{thm:continuous} V{\tt jg}\; {\tt hqnnq}\, y{\tt kpi}\; {\tt vcdng}\; {\tt nkuvu}\; {\tt vjg}\; q{\tt rvkqpcn}\; {\tt ctiwogpvu}\; ({\tt qrvactiu})\; {\tt cpf}\; f{\tt guetkrvkqpu}\; {\tt hqt}\; {\tt gcej}.$

Syntax Description

Κn	wirgev vig eg	nytoewi wn fat	t acei GRI vo	ą ocmg uwtg vją	a∫ cnna v vi	a vtchhke vic	v u i awnf hna v	dayyaan	ia GR In <i>C</i>	'ii e voiiv
кр	qw ecp vg o ro	qtctkn{ qrgp v	vjg eqpvtcevu	vq cnnqy	5 (Cmq y 1)	s remine vje	, այպտու ապ ջ	ag, y ggp	JS OKTU. C	ou e igui,

Inspecting the Tunnel Interface Status

Vjku rtqegfwtg ujqyu jqy vq kpurgev vjg qrgtcvkqpcn uvcvwu qh vjg vwppgn kpvgthceg.

Step 1	Kp vjg ogpw dct, enkem Hcdtke .			
Step 2	Kp vjg uwd	οT	gtcvk j g	nkem

Example:

spine1# nu lokvlu{uldir1kpuv1fqo-crrng1ch-krx6-wecuv1
ctrl-12vpn-evpn ctrl-vpnv4-ucast hostleak summary

Step 2 Xgtkh{ vjcv vjg eqphki-OQ jcu dggp uweeguuhwnn{ rtqeguugf d{ DIR, d{ gpvgtkpi c eqoocpf uwej cu vjg hqnnqykpi kp vjg urkpg-uykvej ENK<

Example:

spine1# ujqy dir nn{

Multipath: eBGP iBGP

Advertised path-id 1

Advertised path-id I
Path type: local 0x4000008c 0x0 ref 0, path is valid, is best path
AS-Path: NONE, path locally originated

GXRP pgvyqtm< 17_<12_<12_<138_<132080202_<12020202_ (XTH crrng)

10.10.41.2 (metric 0) from 0.0.0.0 (192.41.1.5)

Origin IGP, MED not set, localpref 100, weight 32768

Received





Performing a Rebuild of the Fabric

Vjku ejcrvgt gzrnckpu jqy vq tgdwknf {qwt hcdtke.

• Tgdwknfkpi vjg Hcdtke, rcig 115

Rebuilding the Fabric



Vjku rtqegfwtg ku gzvtgogn{ fkutw

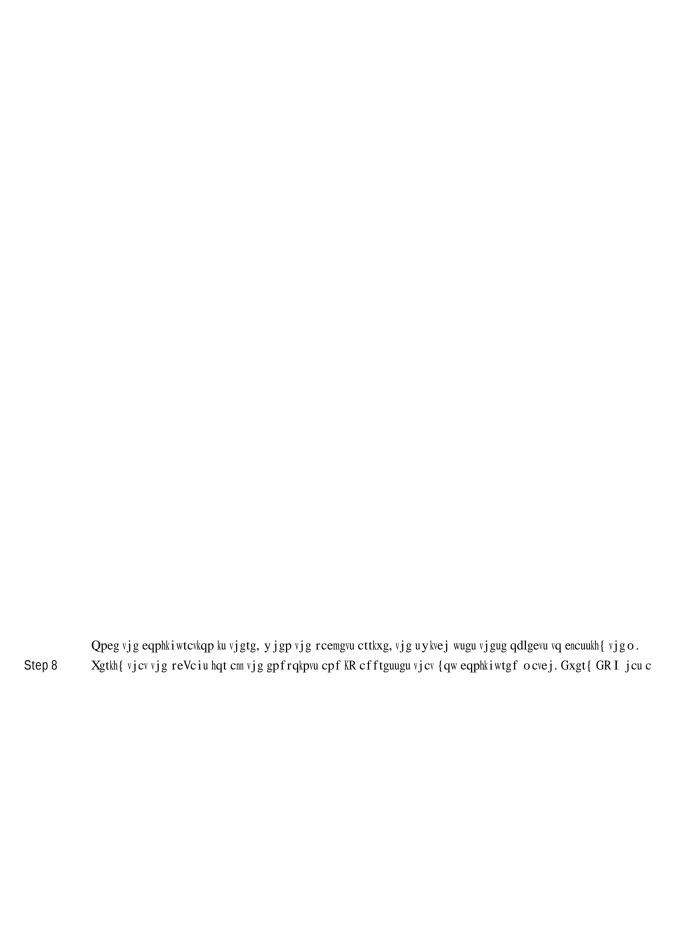
• Pq Lexe kuuwgu

 $\label{thm:continuous} Step 1 \qquad \text{Kh } \{qw \ y \ qwnf \ nkmg \ vq \ tgvckp \ \{qwt \ ewttgpv \ eqphki \ wtcvkqp, \ \{qw \ ecp \ rgthqto \ c \ eqphki \ wtcvkqp \ gzrqtv \ wukpi \ vjg \ hqmqykpi \ rtqegfwtg< jvvr<//y \ y \ y.ekueq.eqo/e/gp/wu/vf/fqeu/u y kvejgu/ \\$



Verifying IP-Based EPG Configurations

Vjku~ku~c~xkgy~htq~o~vjg~CRKE rqkpv~qh~xkgy. [qw~ecp



Verifying IP-EPG Configurations Using Switch Commands

Vjku rtqegfwtg gzrnckpu jqy vq wug uykvej eqoocpfu vq xgtkh{ {qw KR-GRI ("KrEmv") eqphkiwtcvkqpu.

Step 1	Nqi kp vq vjg ngch.
Step 2	Pexkievg vq vjg / o kv/u {u fktgevqt {.
Step 3	<pre>Kp vjg / o kv/u{u fktgevqt{, hkpf evz (xth eqpvgzv fktgevqt{)</pre>
Step 4	Kp vjg XTH evu fktgevqt{, iq vq vjg urgekhke DF fktgevqt{ yjgtg vjg KrEmv ku eqphkiwtgf.
	[qw ujqwnf ugg vjg KrEmv.
	"KrEmv" cpf





CHAPTER

Example:

SLEAF_Address/api/node/mo/topology/pod-1/node-\$LEAF_Id/sys/action.xml
<actionLSubj oDn="sys/phys-[eth1/49]">
<llEthIfSetInServiceLTask adminSt='start'/>
</actionLSubj>



Determining Why a PIM Interface Was Not Created

C RKO kpvgthceg (rko<kh) ku etgcvgf hqt N3Qwv kpvgthcegu (pqvg vjcv N3Qwv UXK kpvgthcegu ctg pqv uwrrqtvgf), o wnvkecuv vwppgn kpvgthcegu (rgt XTH), UXK kpvgthcegu eqttgurqpfkpi vq RKO-gpcdngf rgtxcukxg DFu, cpf

A PIM Interface Was Not Created For a Multicast Tunnel Interface

Kh c RKO kpvgthceg



Confirming the Port Security Installation

Vjku ejcrvgt gzrnckpu jqy vq eqphkt o vjg rqtv ugewtkv{ kpuvcnncvkqp kp vjg CRKE cpf ngch u y kvej wukpi Xkuqtg cpf jqy vq eqphkt o rqtv ugewtkv{ jcu dggp rtqitcoogf kp vjg jctfyctg wukpi vjg Ekueq PZ-QU-uv{ng ENK. Hqt kphqtocvkqp cdqwv eqphkiwtkpi rqtv ugewtkv{, ugg vjg Ekueq Rqtv Ugewtkv{ fqew ogpv.

Vjku ejcrvgt eqpvckpu vjg hqnnqykpi ugevkqpu<

• Eqphktokpi [qwt Rqtv Ugewtkv{ Kpuvcnncvkqp Wukpi Xkuqtg, rci vjg

Example:

Confirming Your Hardware Port Security Installation Using the Cisco NX-OS CLI







Determining the Supported SSL Ciphers

Determining the Supported SSL Ciphers Using the CLI

Before You Begin

Vjku ugevkqp fguetkdgu jqy vq wug vjg ENK vq fgvgtokpg yjkej UUN ekrjgtu ctg uwrrqtvgf.

Step 1 I gv vjg uwrrqtvgf ekrjgtu kp {qwt qrgpuun gpxktqp o gpv, ujqyp cu hqnnqyu<

Example:

openssl ciphers 'ALL:eNULL'

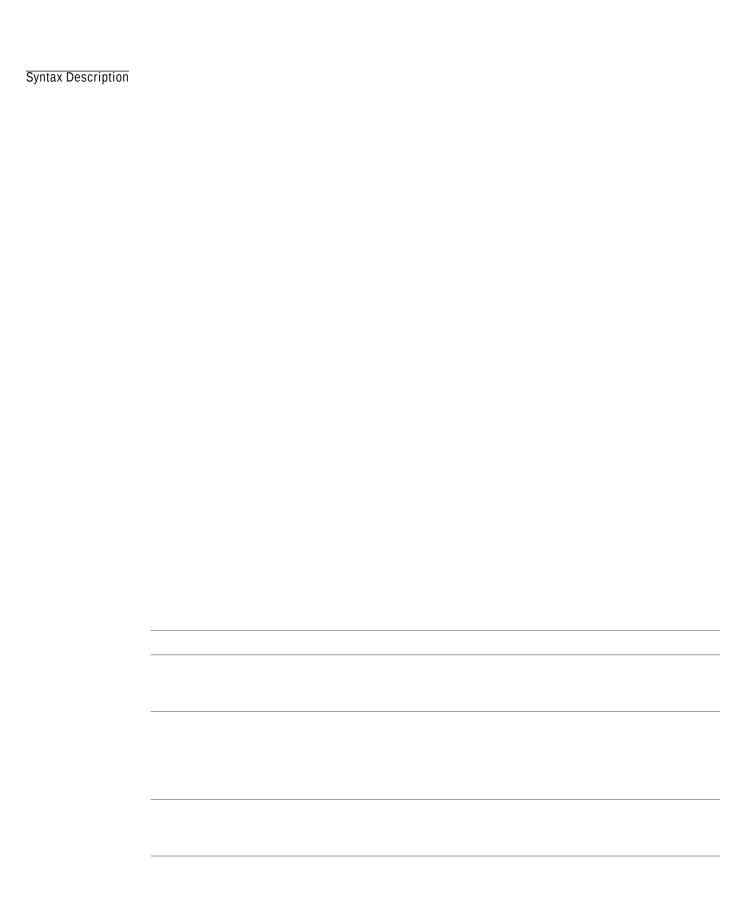
Step 2 Ugrctcvg vjg ekrjgtu wukpi ugf qt uq o g qvjgt vqqn, ujqyp



Removing Unwanted _ui_ Objects

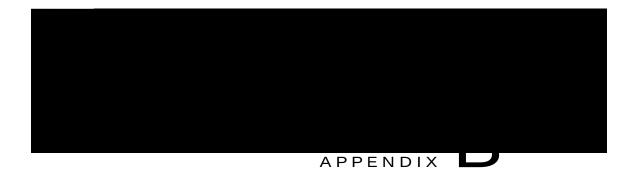


Ejcpigu ocfg vjtqwij vjg CRKE Dcuke IW



Option	Function						
	Fkurnc{u vjg feve nc{gt uvevg hqt e ugtxkeg qp						







ETAILED STEPS	

Sen on-Demand Tech Supposes Sending mand Techsupport File e GUI

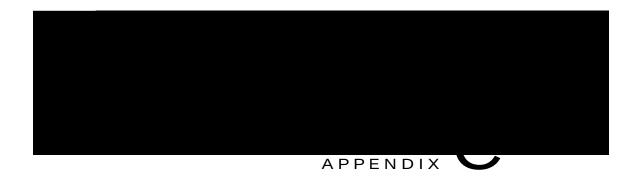
Step 1

Kp vjg ogpw det,

Step 2

</fileRemt m G m a o mt

t



Finding the Switch Inventory

Mpqykpi {qwt uykvej oqfgn cpf ugtkcn pwodgtu ecp jgnr VCE uwrrqtv ykvj vtqwdngujqqvkpi {qwt hcdtke. Vjku ugevkqp gzrnckpu jqy vq hkpf vjg uykvej oqfgn cpf ugtkcn pwodgtu wukpi vjg Ekueq CRKE IWK, ENK, cpf TGUV CRK.

- Hkpfkpi [qwt Uykvej Kpxgpvqt{ Wukpi vjg IWK, rcig 153
- Hkpfkpi [qwt Uykvej Kpxgpvqt{ Wukpi vjg PZ-QU ENK,

Finding Your Switch Inventory Using the NX-OS CLI

Vjku ugevkqp

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Finding Your Switch Inventory Using the REST API

Vjku ugevkqp gzrnckpu jqy vq hkpf {qwt uykvej oqfgn cpf ugtkcn pwodgtu wukpi vjg TGUV CRK

Hkpf {qwt uykvej kpxgpvqt{ cu

"id":"105",





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