



Information About Using The Web GUI	13
Web GUI Features	13
Connecting the Console Port of the Switch	15
Logging On to the Web GUI	15
Enabling Web and Secure Web Modes	15
Configuring the Switch Web GUI	16

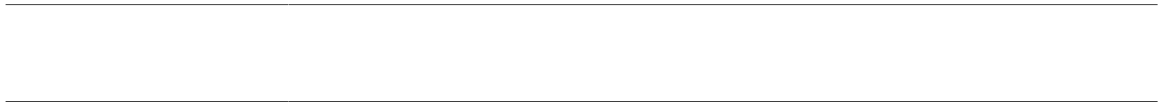
CHAPTER 3

Općikpi Uykvej Uvcemu	21
Finding Feature Information	21
Prerequisites for Switch Stacks	21
Restrictions for Switch Stacks	22
Information About Switch Stacks	22
Switch Stack Overview	22
Supported Features in a Switch Stack	22
Encryption Features	23
StackWise-160	23
Switch Stack Membership	23
Changes to Switch Stack Membership	23
Stack Member Numbers	24
Stack P	tack

Connectivity



Monitoring the Switch Stack	79
LACP Configuration: Example	80
Flex Link Configuration: Example	82
Viewing Redundancy Switchover History (GUI)	84
Viewing Switchover States (GUI)	84



Related Documentation





CHAPTER

Using the Command-Line Interface

Table 1: Command Mode Summary

DETAILED STEPS



No and Default Forms of Commands

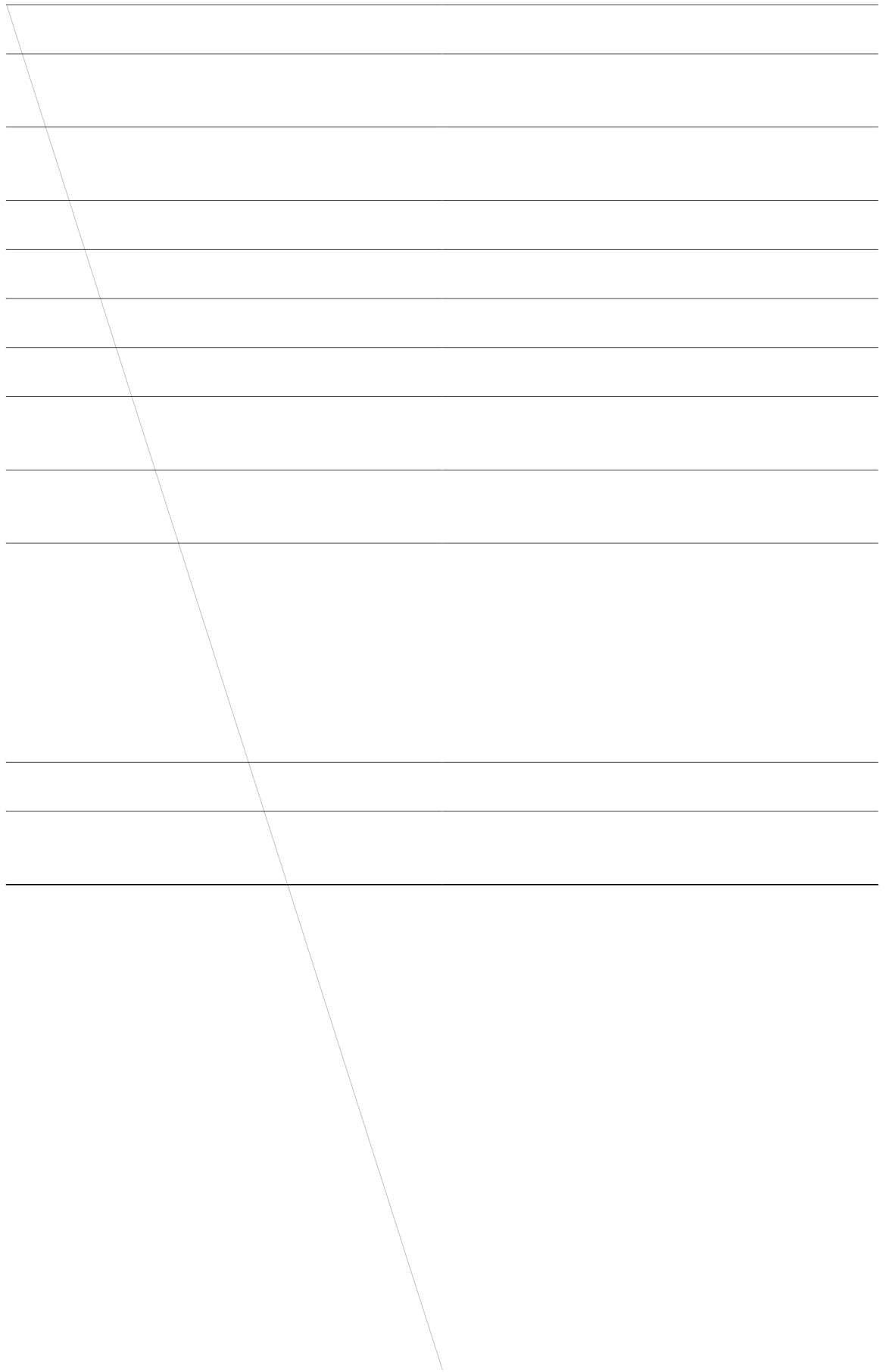
SUMMARY STEPS

1. **Ev₁₁/R** or use the

SUMMARY STEPS

1. **vgt o kpcn gfkvpi**
2. **vgt o kpcn pq gfkvpi**

DETAILED STEPS





The

SUMMARY STEPS

1. {**ujqy** | **oqtg**} *eqo ocpf* | {**dgilp** | **kpenwfg** |

Connect the switch console port to a management station or dial-up modem, or connect the Ethernet management port to a PC. For information about connecting to the console or Ethernet management port, see the switch hardware installation guide.

Use any Telnet TCP/IP or encrypted Secure Shell (SSH) package from a remote management station. The switch must have network connectivity with the Telnet or SSH client, and the switch must have an enable secret password configured.

The switch supports up to 16 simultaneous Telnet sessions. Changes made by one Telnet user are reflected in all other Telnet sessions.

The switch supports up to five simultaneous secure SSH sessions.

After you connect through the console port, through the Ethernet management port, through a Telnet session or through an SSH session, the user EXEC prompt appears on the management station.

Using the Web Graphical User Interface

[Prerequisites for Using the Web GUI, page 13](#)

[Information About Using the Web GUI, page 13](#)

[Connecting the Console Port of the Switch , page 15](#)

[Logging On to the Web GUI, page 15](#)

[Enabling Web and Secure Web Modes , page 15](#)

[Configuring the Switch W](#)

wireless configuration. Start the wizard through Configuration -> Wizard and

Step 3 To enable

The

If Mobility Agent is chosen, enter the mobility controller IP address in the Mobility Controller IP Address text box and mobility controller IP address in the Mobility Controller Public IP Address text box.



CHAPTER



Managing Switch Stacks

[Finding Feature](#)

A StackWise adapter must be installed in the stacking

Encryption Features

If the active switch

If a newly created

Y

Persistent MAC Address on the Switch Stack

You can use the persistent MAC address feature to set a time delay before the stack MAC address changes. During this time period, if the previous active switch rejoins the stack, the stack continues to use its MAC address as the stack MAC address, even if the switch iM

You back up and restore the stack configuration in the same way as you would for a standalone switch configuration.

Related Topics

[Assigning a Stack Member Number, on page 36](#)

[Switch Stack Configuration Scenarios, on page 45](#)

Offline Configuration to Provision a Stack Member

You can use the offline configuration feature to *rtqxlkukqp* (to supply a configuration to) a

Table 4: Results of Comparing the Provisioned Configuration with the Provisioned Switch



If

Examples of Auto-Advise Messages

How to Configure a Switch Stack

Assigning a Stack Member Number

This optional task is

SUMMARY STEPS

1. **eqphkwtg vgt okpcn**
2. **pq uykvj** *wc*

Troubleshooting the Switch Stack

Accessing the Diagnostic Console of a Stack Member

Before You Begin

This optional task is available only from the active switch.

SUMMARY STEPS

1. **uguukqp**



Configuration Examples for Switch Stacks

Switch Stack Configuration Scenarios

Most of these switch stack

Enabling the Persistent MAC Address Feature: Example

This example shows how to configure the persistent MAC address feature for a 7-minute time delay and to

FDG	Æ~}^	S~^æ	Ǧ ↑	Wæb	S~	Wæb	F	S~
GDF	Æ~}^	S~^æ	Ǧ ↑	Wæb	S~	Wæb		

Field	Description
	Whether

If you

Software Loopback with no Connected Stack Cable: Example

U}↔\`á

or

The $N_{kpm} QM$, $N_{kpm} Cevkxg$, or $U\{pe QM$ value is Pq .

Fixing a Bad Connection Between Stack Ports: Example

Stack cables connect all members. Port 2 on Switch 1 connects to Port 1 on Switch 2.

This is the port status:

```
U}↔\`áÀ ujqy uykvej uvcem/rqtvu uwooct{
U}↔\`áÀ
U}ÄD$~ã\Ä $~ã\ Sæ↔&ââ~ã Oáâ→æ
```


Standards and RFCs

	Title

Configuring Cisco NSF with SSO

Finding FeatA 8

that have graceful restart capability continue to have NSF-capable sessions with this NSF-capable networking device.

OSPF support in NSF requires that all neighbor networking devices be NSF-aware.

SSO Operation

When a standby

BPDU guard and filtering

decisions for a set period of time. This functionality prevents packets from being lost

EIGRP Operation

When an EIGRP NSF-capable

SUMMARY STEPS

1. t

SUMMARY STEPS

1. **eqphkwtg vgt o kpcn**
2. **tqwwgt dir cu/pw o dgt**
3. **dir itceghwn/tguvctv**

DETAILED STEPS

	Command or Action	Purpose
	eqphkwtg	Enters global configuration mode.

\bar{E}
 \bar{E}

- Step 2 Repeat Step 1 on each of the BGP neighbors.
- Step 3 On the SSO

	Command or Action	Purpose
		Enables an OSPF routing process, which places the switch i s,

S | ↑âæã ~à ↔^↔↔'á\↔~^ QUN €
S | ↑âæã ~à €~S~\N&æ QUN €
Ô→~ã

ÈÈ
È

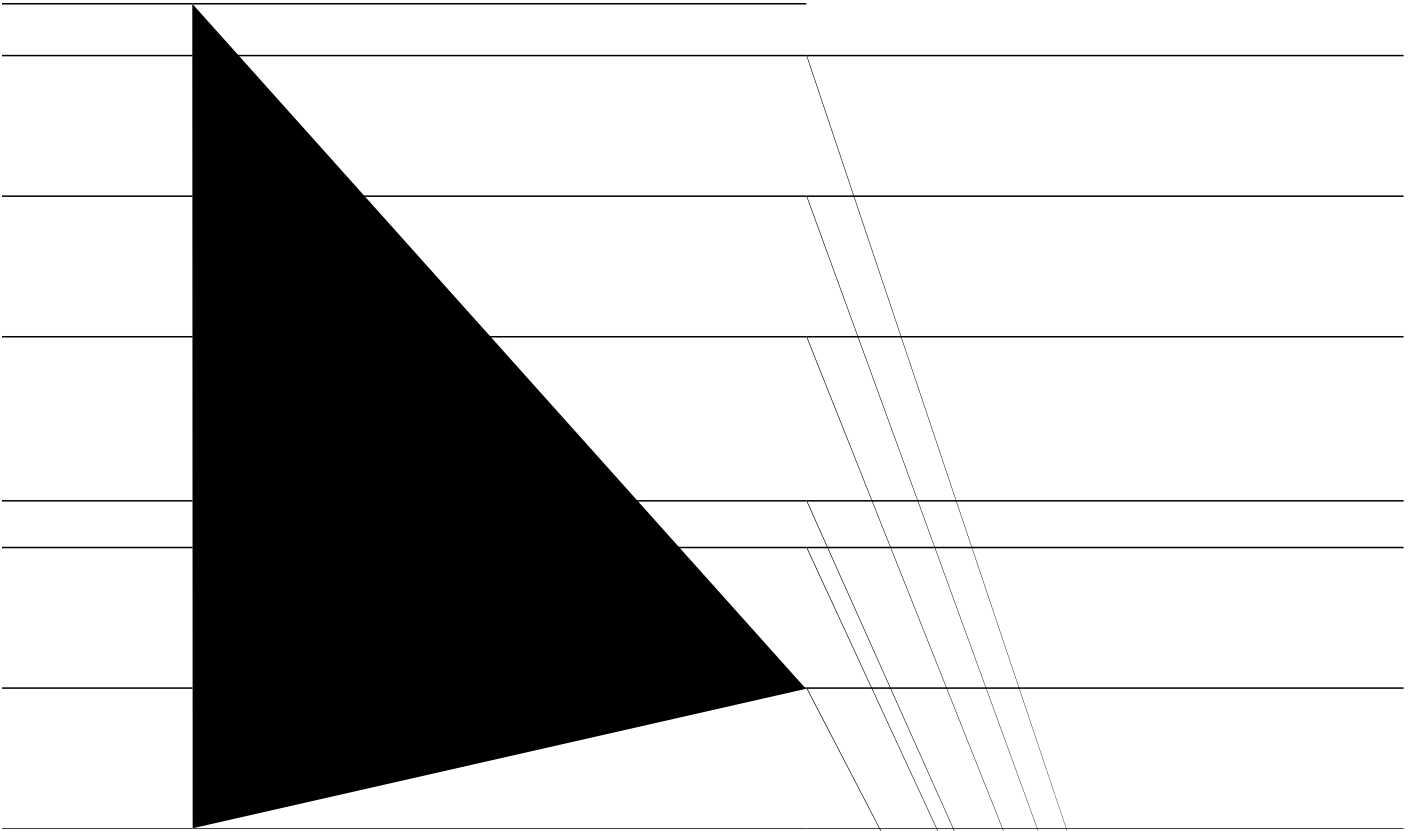
Step 2 Enter

Error Message Decoder

Information About Redundancy

In case of n+1 redundancy, access points are configured with primary, secondary, and tertiary controllers. When the primary controller fails, depending upon the number

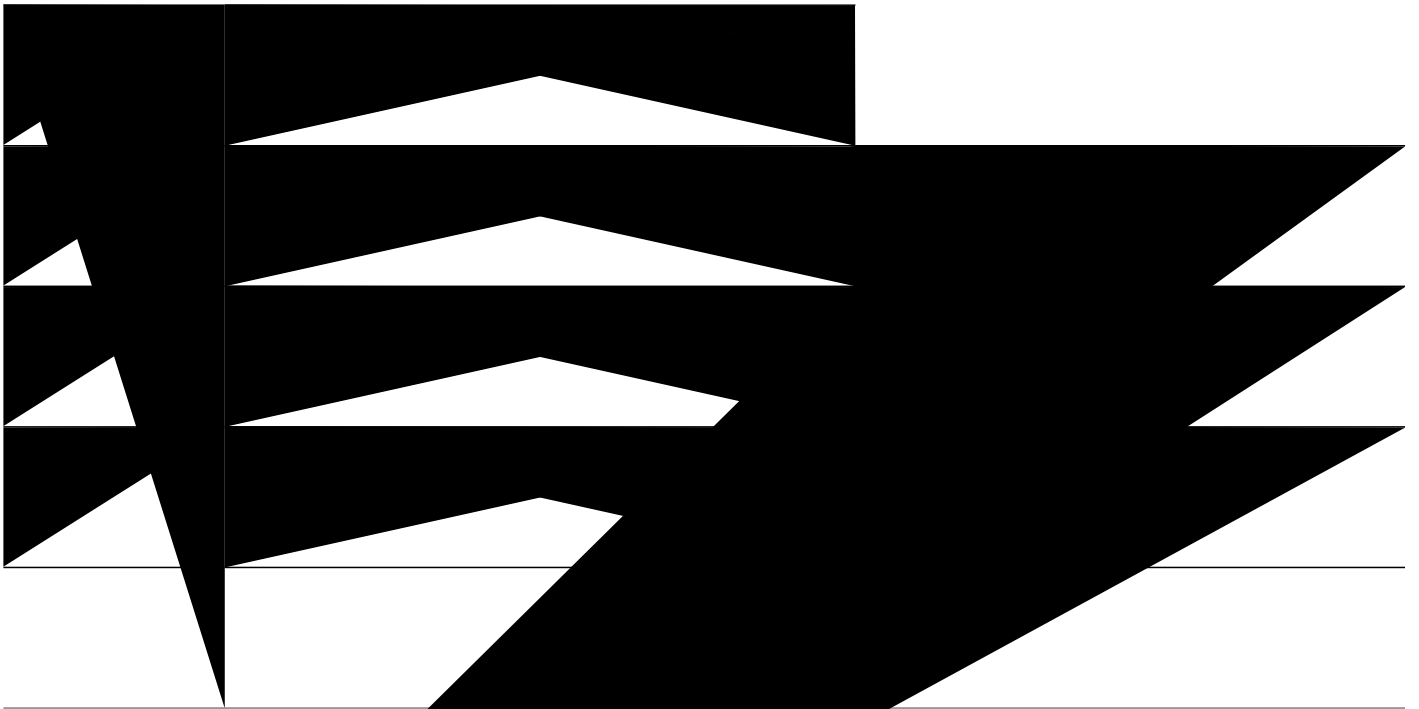
For more details on configuring EtherChannel, and Etherchannel modes, see [The Layer 2 \(Link Aggregation\) Configuration Guide, Cisco IOS XE Release 3SE](#)



SUMMARY STEPS

1. **eqphiw** HW30845 64 314000DO
2. **ugtxleg** lvgtpcn
3. **tgfwfcp**{
4. **o ckp/erw**
5. **uvcpfd**{ eqpuqng gpcdng
6. **gzkv**

DETAILED STEPS



SUMMARY STEPS

Â
↔^ \æãää´æ Úæ^Ö↔&ää↔\Ó\áæã^æ\FÐEÐI
b}↔\´á*~ã\ ↑~ææ \ã| ^←
´áá^æ→E&ã~| * F ↑~ää ~^
↔* äá´* b^~*↔^& \ã|b\
Â

↔^ \æãää´æ Úæ^Ö↔&ää↔\Ó\áæã^æ\FÐEÐJ
b}↔\´á*~ã\ ↑~ääæ \ã| ^←
´áá^æ→E&ã~| * F ↑~ääæ ~^
↔* äá´* b^~*↔^& \ã|b\
Â

↔^ \æãää´æ Úæ^Ö↔&ää↔\Ó\áæã^æ\GÐEÐF
b}↔\´á*~ã\ ↑~ääæ \ã| ^←
´áá^æ→E&ã~| * G ↑~ääæ ~^
↔* äá´* b^~*↔^& \ã|b\
Â

↔^ \æãää´æ Úæ^Ö↔&ää↔\Ó\áæã^æ\GÐEÐGb}↔\´á*~ã\b}ääb} | ^←´áá^æ→E&ã~| *´á

stack member