



Preface

- [Document Conventions, page i](#)
- [Related Documentation, page iii](#)
- [Obtaining Documentation and Submitting a Service Request, page iv](#)

Document Conventions

This document uses the following conventions:

Convention	Description
^ or Ctrl	Both the ^ symbol and Ctrl represent the Control (Ctrl) key on a keyboard. For example, the key combination ^D or Ctrl-D means that you hold down the Control key while you press the D key. (Keys are indicated in capital letters but are not case sensitive.)
bold font	Commands and keywords and user-entered text appear in bold font .
<i>Italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
Courier font	Terminal sessions and information the system displays appear in <i>courier font</i> .
Bold Courier font	Bold Courier font indicates text that the user must enter.
[x]	Elements in square brackets are optional.
...	An ellipsis (three consecutive nonbolded periods without spaces) after a syntax element indicates that the element can be repeated.
	A vertical line, called a pipe, indicates a choice within a set of keywords or arguments.
[x y]	Optional alternative keywords are grouped in brackets and separated by vertical bars.

Convention	Description
{x y}	Required alternative keywords are grouped in braces and separated by vertical bars.
[x {y z}]	Nested set of square brackets or braces indicate optional or required choices within optional or required elements. Braces and a vertical bar within square brackets indicate a required choice within an optional element.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<>	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.

Reader Alert Conventions

This document may use the following conventions for reader alerts:



Note

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



Tip

Means *the following information will help you solve a problem*.



Caution

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



Timesaver

Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning

IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071

SAVE THESE INSTRUCTIONS

Related Documentation

Release Notes

**Note**

Before installing or upgrading, refer to the switch release notes.

- Catalyst 4500-X release notes: http://www.cisco.com/en/US/products/ps12332/prod_release_notes_list.html
- Catalyst 4500E release notes: http://www.cisco.com/en/US/products/hw/switches/ps4324/prod_release_notes_list.html

Software Documentation

Software documents for the Catalyst 4000 family of switches is available at the following URLs:

- Software Configuration Guides
http://www.cisco.com/en/US/products/hw/switches/ps4324/products_installation_and_configuration_guides_list.html
- Software Command References
http://www.cisco.com/en/US/products/hw/switches/ps4324/prod_command_reference_list.html
- System Message Guides
http://www.cisco.com/en/US/products/hw/switches/ps4324/products_system_message_guides_list.html

Hardware Documentation

Installation guides and notes including specifications and relevant safety information are available at the following URLs:

- International agency compliance, safety, and statutory information for the Catalyst 4000 family of switches
http://www.cisco.com/en/US/docs/switches/lan/catalyst4500/hardware/regulatory/compliance/78_13233.html
- Catalyst 4500 E-series Switches Installation Guide
<http://www.cisco.com/en/US/docs/switches/lan/catalyst4500/hardware/catalyst4500e/installation/guide/Eseries.html>
- Information about individual switching modules and supervisors for the Catalyst 4500 Series modules
http://www.cisco.com/en/US/docs/switches/lan/catalyst4500/hardware/configuration/notes/OL_25315.html
- Installation notes for specific supervisor engines or for accessory hardware
http://www.cisco.com/en/US/products/hw/switches/ps4324/prod_installation_guides_list.html
- Catalyst 4500-X hardware installation information

http://www.cisco.com/en/US/products/ps12332/prod_installation_guides_list.html

Other References

- Cisco SFP and SFP+ modules documentation, including compatibility matrixes, located at: <http://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/tsd-products-support-series-home.html>
- Cisco Validated Designs documents, located at: <http://www.cisco.com/go/designzone>
- Error Message Decoder, located at: <http://tools.cisco.com/search/results/en/us/get>

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/c/en/us/td/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.