



## Preface

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This preface describes the audience, organization, and conventions of this publication, and provides information on how to obtain related documentation.

## Audience

This publication is for experienced network administrators who are responsible for configuring and maintaining Catalyst 4500 series switches.

## Organization

This publication is organized as follows:

| Chapter    | Title                                                                    | Description                                                                                                         |
|------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Chapter 1  | <a href="#">Command-Line Interface</a>                                   | Describes the Catalyst 4500 series switch CLI.                                                                      |
| Chapter 2  | <a href="#">Cisco IOS Commands for the Catalyst 4500 Series Switches</a> | Lists all Catalyst 4500 series Cisco IOS commands alphabetically and provides detailed information on each command. |
| Appendix A | <a href="#">Abbreviations</a>                                            | Defines the acronyms used in this publication.                                                                      |

## Related Documentation

The Catalyst 4500 series Cisco IOS documentation set includes these publications:

- *Catalyst 4500 Series Switch Installation Guide*
- *Catalyst 4500 Series Switch Supervisor Engine Installation Note*
- *Catalyst 4500 Series Switch Cisco IOS Software Configuration Guide*
- *Catalyst 4500 Series Switch Cisco IOS System Message Guide*
- *Release Notes for Catalyst 4500 Series Switch Software*

**Note**

Access the Catalyst 4500 Series Switch documentation library at the URL  
<http://www.cisco.com/go/cat4500/docs>

Other documents in the Cisco IOS documentation set include:

- Cisco IOS Release 12.2 Configuration Guides
- Cisco IOS Release 12.2 Command References

For information about MIBs, refer to this URL:

<http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml>

## Conventions

This document uses these conventions:

| Convention                          | Description                                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b> font                | Boldface text indicates commands and keywords that you enter literally as shown.                                                                                   |
| <i>italic</i> font                  | <i>Italic</i> text indicates arguments for which you supply values.                                                                                                |
| [ <b>x</b> ]                        | Square brackets enclose an optional element (keyword or argument).                                                                                                 |
|                                     | A vertical line indicates a choice within an optional or required set of keywords or arguments.                                                                    |
| [ <b>x</b>   <i>y</i> ]             | Square brackets enclosing keywords or arguments separated by a vertical line indicate an optional choice.                                                          |
| { <b>x</b>   <i>y</i> }             | Braces enclosing keywords or arguments separated by a vertical line indicate a required choice.                                                                    |
| [ <b>x</b> { <i>y</i>   <b>z</b> }] | Braces and a vertical line 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.                                        |
| screen font                         | Terminal sessions and information the system displays are in screen font.                                                                                          |
| <b>boldface screen</b> font         | Information you must enter is in <b>boldface screen</b> font.                                                                                                      |
| <i>italic screen</i> font           | Arguments for which you supply values are in <i>italic screen</i> font.                                                                                            |
| ^                                   | The symbol ^ represents the key labeled Control—for example, the key combination ^D in a screen display means hold down the Control key while you press the D key. |
| < >                                 | Nonprinting characters, such as passwords, are in angle brackets.                                                                                                  |

| Convention | Description                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------|
| [ ]        | 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. |

Notes use this convention:



#### Note

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



#### Caution

Cautions use this convention:

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

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