



## About This Guide

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This guide provides information on:

- The command line interface (CLI) for the Cisco 11000 and 11500 series content services switches and how to use the CLI.
- The CLI commands, including syntax, options, and related commands. All commands apply to both the 11000 and 11500 series content services switches except where noted.

## Audience

This guide is intended for the following trained and qualified service personnel who are responsible for operating the Cisco 11000 and 11500 series content services switches (hereinafter referred to as the CSS):

- System administrator
- Web master
- System operator

# How to Use This Guide

The following table lists each chapter in this guide and provides a description of its contents.

Chapter	Description
Chapter 1, <a href="#">Using the Command Line Interface</a>	This chapter provides an overview of the CLI, and instructions on how to use the CLI and its commands.
Chapter 2, <a href="#">CLI Commands</a>	This chapter provides an alphabetical list of all general and configuration mode CLI commands. The information for each command includes a brief description, syntax with any options and variables, and related commands when applicable. This chapter also provides information about the configuration modes for the commands and how to access each mode.

# Related Documentation

In addition to this document, the CSS documentation set includes the following:

<b>Document Title</b>	<b>Description</b>
<i>Release Note for the Cisco 11500 Series Content Services Switch</i>	This release note provides information on operating considerations, caveats, and CLI commands for the Cisco 11500 series CSS.
<i>Release Note for the Cisco 11000 Series Content Services Switch</i>	This release note provides information on operating considerations, caveats, and CLI commands for the Cisco 11000 series CSS.
<i>Cisco 11000 Series Content Services Switch Getting Started Guide</i>	This guide provides information for installing, cabling, and booting the 11000 series CSS. In addition, this guide provides information about CSS specifications, cable pinouts, and troubleshooting.
<i>Cisco 11500 Series Content Services Switch Hardware Installation Guide</i>	This guide provides information for installing, cabling, and booting the 11500 series CSS. In addition, this guide provides information about CSS specifications, cable pinouts, and troubleshooting.

Document Title	Description
<i>Cisco Content Services Switch Administration Guide</i>	<p>This guide describes how to perform administration tasks on the CSS including logging into the CSS, upgrading your CSS software, and configuring the following:</p> <ul style="list-style-type: none"> <li>• Management ports, interfaces, and circuits</li> <li>• DNS, ARP, RIP, IP, and bridging features</li> <li>• OSPF</li> <li>• Logging, including displaying log messages and interpreting sys.log messages</li> <li>• User profile and CSS parameters</li> <li>• SNMP</li> <li>• RMON</li> <li>• Offline Diagnostic Monitor (Offline DM) menu</li> </ul>
<i>Cisco Content Services Switch Basic Configuration Guide</i>	<p>This guide describes how to perform basic CSS configuration tasks, including:</p> <ul style="list-style-type: none"> <li>• Services</li> <li>• Owners</li> <li>• Content rules</li> <li>• Sticky parameters</li> <li>• HTTP header load balancing</li> <li>• Source groups, Access Control Lists (ACLs), Extension Qualifier Lists (EQLs), Uniform Resource Locator Qualifier Lists (URQLs), Network Qualifier Lists (NQLs), and Domain Qualifier Lists (DQLs)</li> <li>• Caching</li> </ul>

Document Title	Description
<i>Cisco Content Services Switch Advanced Configuration Guide</i>	<p>This guide describes how to perform advanced CSS configuration tasks, including:</p> <ul style="list-style-type: none"><li>• Domain Name Service (DNS)</li><li>• DNS Sticky</li><li>• Content Routing Agent</li><li>• Client Side Accelerator</li><li>• Network proximity</li><li>• VIP and virtual IP interface redundancy</li><li>• Box-to-box redundancy</li><li>• Demand-based content replication and content staging and replication</li><li>• Secure Socket Layer (SSL) termination with the SSL Acceleration Module</li><li>• Firewall load balancing</li><li>• CSS scripting language</li></ul>
<i>Cisco Content Services Switch Device Management User's Guide</i>	<p>This guide provides an overview on using the Device Management user interface, an HTML-based Web application that you use to configure and manage a CSS.</p>

# Symbols and Conventions

This guide uses the following symbols and conventions to identify different types of information.



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**Caution**

A caution describes a specific action that could cause loss of data or adversely impact the use of the equipment.

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**Warning**

**A warning describes a specific action that could cause either physical harm to you or damage to the equipment.**

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**Note**

A note provides important related information, reminders, and recommendations.

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**Bold text** indicates a command in a paragraph.

*Courier text* indicates text that appears in a command line, including the CLI prompt.

**Courier bold text** indicates commands and text you enter in a command line.

*Italics text* indicates the first occurrence of a new term, book title, and emphasized text.

1. A numbered list indicates that the order of these list items is important.
  - a. An alphabetical list indicates that the order of these secondary list items is important.
  - A bulleted list indicates that the order of these list topics is unimportant.
    - An indented list indicates that the order of these list subtopics is unimportant.

For information about the command syntax conventions for the CLI, refer to Chapter 1, [“Using the Command Line Interface”](#).

# Obtaining Documentation

These sections explain how to obtain documentation from Cisco Systems.

## World Wide Web

You can access the most current Cisco documentation on the World Wide Web at this URL:

<http://www.cisco.com>

Translated documentation is available at this URL:

[http://www.cisco.com/public/countries\\_languages.shtml](http://www.cisco.com/public/countries_languages.shtml)

## Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which is shipped with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

## Ordering Documentation

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:

[http://www.cisco.com/cgi-bin/order/order\\_root.pl](http://www.cisco.com/cgi-bin/order/order_root.pl)

- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:

<http://www.cisco.com/go/subscription>

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

## Documentation Feedback

You can submit comments electronically on Cisco.com. In the Cisco Documentation home page, click the **Fax** or **Email** option in the “Leave Feedback” section at the bottom of the page.

You can e-mail your comments to [bug-doc@cisco.com](mailto:bug-doc@cisco.com).

You can submit your comments by mail by using the response card behind the front cover of your document or by writing to the following address:

Cisco Systems  
Attn: Document Resource Connection  
170 West Tasman Drive  
San Jose, CA 95134-9883

We appreciate your comments.

## Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from online tools by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

## Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

Cisco.com is a highly integrated Internet application and a powerful, easy-to-use tool that provides a broad range of features and services to help you with these tasks:

- Streamline business processes and improve productivity
- Resolve technical issues with online support
- Download and test software packages

- Order Cisco learning materials and merchandise
- Register for online skill assessment, training, and certification programs

If you want to obtain customized information and service, you can self-register on Cisco.com. To access Cisco.com, go to this URL:

<http://www.cisco.com>

## Technical Assistance Center

The Cisco Technical Assistance Center (TAC) is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Cisco TAC inquiries are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

The Cisco TAC resource that you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

### Cisco TAC Web Site

You can use the Cisco TAC Web Site to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to this URL:

<http://www.cisco.com/tac>

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

<http://www.cisco.com/register/>

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC Web Site, you can open a case online by using the TAC Case Open tool at this URL:

<http://www.cisco.com/tac/caseopen>

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC Web Site.

## Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.