



Preface

This guide provides instructions for the administration of the Cisco 11500 Series Content Services Switches (CSS). It describes how to perform administration tasks on the CSS, including managing the CSS software, upgrading your CSS software, and so on. Information in this guide applies to all CSS models except where noted.

The CSS software is available in a Standard or optional Enhanced feature set. The Enhanced feature set contains all of the Standard feature set and also includes Network Address Translation (NAT) Peering, Domain Name Service (DNS), Demand-Based Content Replication (Dynamic Hot Content Overflow), Content Staging and Replication, and Network Proximity DNS. Proximity Database and Secure Management, which includes Secure Shell Host and SSL strong encryption, are optional features.

This preface contains the following major sections:

- [Audience](#)
- [How to Use This Guide](#)
- [Related Documentation](#)
- [Symbols and Conventions](#)
- [Obtaining Documentation, Obtaining Support, and Security Guidelines](#)

Audience

This guide is intended for the following trained and qualified service personnel who are responsible for configuring the CSS:

- Web master
- System administrator
- System operator

How to Use This Guide

This guide is organized as follows:

Chapter	Description
Chapter 1, Managing the CSS Software	Copy the running-configuration and startup-configuration files, specify file storage locations for a two-disk 11500 series CSS, and unpack and remove an ArrowPoint Distribution Image (ADI). This chapter also includes an overview of the CSS system software.
Chapter 2, Specifying the CSS Boot Configuration	Set the primary and secondary boot configuration for the CSS.
Chapter 3, Configuring User Profiles	Configure user profiles in the default-profile file.
Chapter 4, Using the CSS Logging Features	Configure logging for the CSS. This chapter also provides information displaying and interpreting log messages.
Chapter 5, Configuring Simple Network Management Protocol (SNMP)	Configure SNMP on the CSS. This chapter also includes a summary of all CSS Enterprise Management Information Base (MIB) objects.
Chapter 6, Configuring Remote Monitoring (RMON)	Configure RMON on the CSS.

Chapter	Description
Chapter 7, Using an XML Document to Configure the CSS	Use extended markup language (XML) to configure a CSS.
Chapter 8, Using the CSS Scripting Language	Use the CSS scripting language to automate configuration tasks and create script keepalives. This chapter includes example scripts.
Appendix A, Upgrading Your CSS Software	Upgrade your CSS software manually or use the upgrade script.
Appendix B, Using the Offline Diagnostic Monitor Menu	Use the Offline Diagnostic Monitor (Offline DM) menu.

Related Documentation

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

Document Title	Description
<i>Release Note for the Cisco 11500 Series Content Services Switch</i>	This release note provides information on operating considerations, caveats, and command-line interface (CLI) commands for the Cisco 11500 series CSS.
<i>Cisco 11500 Series Content Services Switch Hardware Installation Guide</i>	This guide provides information for installing, cabling, and powering the Cisco 11500 series CSS. In addition, this guide provides information about CSS specifications, cable pinouts, and hardware troubleshooting.
<i>Cisco Content Services Switch Getting Started Guide</i>	This guide describes how to perform initial administration and configuration tasks on the CSS, including: <ul style="list-style-type: none"> • Booting the CSS for the first time and a routine basis, and logging in to the CSS • Configuring the username and password, Ethernet management port, static IP routes, and the date and time • Configuring DNS server for hostname resolution • Configuring sticky cookies with a sticky overview and advanced load-balancing method using cookies • Installing the CSS Cisco View Device Manager (CVDM) browser-based user interface used to configure the CSS • Finding information in the CSS documentation with a task list • Troubleshooting the boot process

Document Title	Description
<i>Cisco Content Services Switch Routing and Bridging Configuration Guide</i>	<p>This guide describes how to perform routing and bridging configuration tasks on the CSS, including:</p> <ul style="list-style-type: none">• Management ports, interfaces, and circuits• Spanning-tree bridging• Address Resolution Protocol (ARP)• Routing Information Protocol (RIP)• Internet Protocol (IP)• Open Shortest Path First (OSPF) protocol• Cisco Discovery Protocol (CDP)• Dynamic Host Configuration Protocol (DHCP) relay agent
<i>Cisco Content Services Switch Content Load-Balancing Configuration Guide</i>	<p>This guide describes how to perform CSS content load-balancing configuration tasks, including:</p> <ul style="list-style-type: none">• Flow and port mapping• Services• Service, global, and script keepalives• Source groups• Loads for services• Server/Application State Protocol (SASP)• Dynamic Feedback Protocol (DFP)• Owners• Content rules• Sticky parameters• HTTP header load balancing• Content caching• Content replication

Document Title	Description
<i>Cisco Content Services Switch Global Server Load-Balancing Configuration Guide</i>	This guide describes how to perform CSS global load-balancing configuration tasks, including: <ul style="list-style-type: none"> • Domain Name System (DNS) • DNS Sticky • Content Routing Agent • Client-Side Accelerator • Network proximity
<i>Cisco Content Services Switch Redundancy Configuration Guide</i>	This guide describes how to perform CSS redundancy configuration tasks, including: <ul style="list-style-type: none"> • VIP and virtual interface redundancy • Adaptive session redundancy • Box-to-box redundancy
<i>Cisco Content Services Switch Security Configuration Guide</i>	This guide describes how to perform CSS security configuration tasks, including: <ul style="list-style-type: none"> • Controlling access to the CSS • Secure Shell Daemon protocol • Radius • TACACS+ • Firewall load balancing
<i>Cisco Content Services Switch SSL Configuration Guide</i>	This guide describes how to perform CSS SSL configuration tasks, including: <ul style="list-style-type: none"> • SSL certificate and keys • SSL termination • Back-end SSL • SSL initiation • HTTP data compression
<i>Cisco Content Services Switch Command Reference</i>	This reference provides an alphabetical list of all CLI commands including syntax, options, and related commands.

Symbols and Conventions

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



Caution

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



Warning

A warning describes an action that could cause you physical harm or damage the equipment.



Note

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

Bold text indicates a command in a paragraph.

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

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

Italic text indicates the first occurrence of a new term, book title, emphasized text, and variables for which you supply values.

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

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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/en/US/docs/general/whatsnew/whatsnew.html>