



# Preface

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This guide provides instructions for basic administration of the Cisco 11500 Series Content Services Switches (CSS). It describes how to perform tasks to get the CSS started, including logging in to the CSS. For information on managing and upgrading your CSS software, refer to the *Cisco Content Services Switch Administration Guide*. 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
<a href="#">Chapter 1, Booting, Logging In, and Getting Started</a>	Provides information to power on and boot the CSS for the first time, log in to the CSS, and boot the CSS on a routine basis.
<a href="#">Chapter 2, Configuring CSS Basics</a>	Provides information to configure the username and password, Ethernet management port, static IP routes, and the date and time including daylight savings time (summer time) and SNTP.
<a href="#">Chapter 3, Configuring the Domain Name Service</a>	Provides information to configure the Domain Name Server for hostname resolution.
<a href="#">Chapter 4, Configuring Sticky Cookies</a>	Provides a CSS sticky overview and examples of configuring sticky cookies.
<a href="#">Chapter 6, Where to Go Next</a>	Provides content information for the CSS documentation to help you find administration and configuration tasks.
<a href="#">Appendix A, Troubleshooting the Boot Process</a>	Provides information to troubleshoot the boot process for the Cisco 11500 series CSS.

# 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 Administration Guide</i>	This guide describes how to perform administrative tasks on the CSS, including upgrading your CSS software and configuring the following: <ul style="list-style-type: none"><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>• XML documents to configure the CSS</li><li>• CSS scripting language</li><li>• Offline Diagnostic Monitor (Offline DM) menu</li></ul>

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"> <li>• Management ports, interfaces, and circuits</li> <li>• Spanning-tree bridging</li> <li>• Address Resolution Protocol (ARP)</li> <li>• Routing Information Protocol (RIP)</li> <li>• Internet Protocol (IP)</li> <li>• Open Shortest Path First (OSPF) protocol</li> <li>• Cisco Discovery Protocol (CDP)</li> <li>• Dynamic Host Configuration Protocol (DHCP) relay agent</li> </ul>
<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"> <li>• Flow and port mapping</li> <li>• Services</li> <li>• Service, global, and script keepalives</li> <li>• Source groups</li> <li>• Loads for services</li> <li>• Server/Application State Protocol (SASP)</li> <li>• Dynamic Feedback Protocol (DFP)</li> <li>• Owners</li> <li>• Content rules</li> <li>• Sticky parameters</li> <li>• HTTP header load balancing</li> <li>• Content caching</li> <li>• Content replication</li> </ul>

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

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**Warning**

**A warning describes an action that could cause you physical harm or damage 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 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>

