Preface

This preface describes the audience, use, and organization of the *Cisco Internet Streamer CDS 2.0-2.3 Software Configuration Guide*. The preface also outlines the document conventions and support information.

This preface contains the following sections:

Document Revision History

The Document Revision History table below records technical changes to this document.

Document Version	Date	Notes
OL-13493-04	October 4, 2008	The CDS Release 2.3 Flash Media Streaming interactive application functionality and Service Router IP-based redirection were added, as well as other enhancements.
OL-13493-03	April 4, 2008	The CDS Release 2.2 service-aware and content-aware functions were added to the Service Router functionality. Dynamic live streaming for Flash Media Streaming, the 3-Screen Session Shifting feature, and information on support for H.264 were added to this document.
OL-13493-02	March 24, 2008	The CDS Release 2.1 Flash Media Streaming feature was added to this document.
OL-13493-01	August 20, 2007	Initial release.

Note All information, fields, and features that are marked as a Release 2.1 feature are also available in Releases 2.2 and 2.3.
All information, fields, and features that are marked as a Release 2.2 feature are also available in Release 2.3.
All information, fields, and features that are marked as a Release 2.0 feature are only available in Release 2.0.

Audience

This guide is for the networking professional managing the Cisco Internet Streamer Content Delivery System, hereafter referred to as the *CDS*. Before using this guide, you should have experience working with the Cisco IOS software and be familiar with the concepts and terminology of Ethernet, local area networking, and Internet streaming.

Objective

This guide provides the information you need to configure and monitor the Cisco Internet Streamer CDS.

This guide provides procedures for using the commands that have been created or changed for use with the Cisco Internet Streamer CDS. It does not provide detailed information about these commands.

This guide does not describe system messages you might encounter or how to install your CDS. For information on installing the hardware, see the *Cisco Content Delivery Engine 100/200/300/400 Hardware Installation Guide*. See the "Related Publications" section on page xvi for links to documentation online.

For documentation updates, see the release notes for this release.

Document Organization

This document contains the following chapters and appendices:

Chapter or Appendix	Description
Chapter 1, "Product Overview"	Provides a brief introduction to the Internet Streamer CDS.
Chapter 2, "Network Design"	Describes the CDS topology, elements of a delivery service, and the delivery service workflow.
Chapter 3, "Getting Started"	Provides information about initially configuring the devices to communicate with the CDSM, configuring a standby CDSM, navigating the CDSM, and a typical configuration workflow.
Chapter 4, "Configuring Devices"	Provides information on configuring the devices in the Internet Streamer CDS.
Chapter 5, "Configuring Services"	Provides information about configuring delivery services.

Chapter or Appendix	Description
Chapter 6, "Configuring the System"	Provides information on system configuration for the Internet Streamer CDS.
Chapter 7, "Monitoring the Internet Streamer CDS"	Provides information on monitoring the Internet Streamer CDS.
Chapter 8, "Maintaining the Internet Streamer CDS"	Provides information on upgrading the Internet Streamer CDS software, deleting devices from the system, performing disk maintenance, and removing content from the system.
Appendix A, "Troubleshooting"	Discusses troubleshooting Service Routers, and the acquisition and distribution of content.
Appendix B, "Creating Manifest Files"	Provides information on creating and validating a Manifest file.
Appendix C, "Creating Coverage Zone Files"	Provides information on creating and validating a Coverage Zone file.
Appendix D, "Creating and Manipulating Session Shifting Files"	Provides information on creating Session Shifting XML files.
Appendix E, "CLI Commands"	Provides information on configuring port channels, last resort routing domains, and other CLI commands.
Appendix F, "URL Signing and Validation"	Describes the URL signing script for URL signature creation at the portal.
Appendix G, "Testing the Internet Streamer CDS"	Describes procedures for testing the Internet Streamer CDS using the different media players.
Appendix H, "Software Licensing Information"	Provides information about the software licenses for the Internet Streamer CDS.

Document Conventions

This guide uses the following conventions for command syntax descriptions and textual emphasis:

Convention	Description
boldface font	Commands and keywords are in **boldface**.
italic font	Arguments for which you supply values are in *italics*.
[ ]	Elements in square brackets are optional.
{x	y	z}	Alternative, mutually exclusive, keywords are grouped in braces and separated by vertical bars.
[x	y	z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
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.
`boldface screen` font	Information you must enter is in **`boldface screen`** font.
`italic screen` font	Arguments for which you supply values are in *`italic screen`* font.

Convention	Description
^	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 in contexts where italics are not available.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

⚠️

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

Note   Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in this publication.

Tip   Means the following information might help you solve a problem.

Related Publications

These documents provide complete information about the CDS and are available from the Cisco.com site:

- *Release Notes for Cisco Internet Streamer CDS 2.0*
- *Release Notes for Cisco Internet Streamer CDS 2.1*
- *Release Notes for Cisco Internet Streamer CDS 2.2*
- *Release Notes for Cisco Internet Streamer CDS 2.3*
- *Cisco Internet Streamer CDS 2.0-2.3 Quick Start Guide*
- *Cisco Internet Streamer CDS 2.0-2.3 API Guide*
- *Cisco Content Delivery Engine 100/200/300/400 Hardware Installation Guide*
- *Cisco Content Delivery System 2.x Documentation Roadmap*
- *Regulatory Compliance and Safety Information for Cisco Content Delivery Engine 100/200/300/400*

You can access the software documents at the following URL:

http://www.cisco.com/en/US/products/ps7127/tsd_products_support_series_home.html

You can access the hardware documents at the following URL:

http://www.cisco.com/en/US/products/ps7126/tsd_products_support_series_home.html

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/en/US/docs/general/whatsnew/whatsnew.html

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