



## Preface

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This preface describes the audience, use, and organization of the *Cisco TV VDS 3.4 ISA Software Configuration Guide*. The preface also outlines the document conventions and support information.

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## Document Revision History

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

Document Revision	Date	Change Summary
OL-30716-02	January 10, 2014	Added the Package Status page details and modified the Package Expiration page details according to the new view.
OL-30716-01	October 31, 2013	Initial release

## Audience

This guide is for the networking professional managing the Cisco TV Content Delivery System, hereafter referred to as *VDS*. 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 TV streaming.

# Objective

This guide provides the information you need to configure and monitor the Cisco TV VDS.

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

This guide does not describe system messages you might encounter or how to install your VDS. For information on installing the hardware, see the *Cisco Content Delivery Engine 100/200/300/400 Hardware Installation Guide*, the *Cisco Content Delivery Engine 110 Hardware Installation Guide*, or the *Cisco Content Delivery Engine 205/220/250/420/460 Hardware Installation Guide*. See the “[Related Documentation](#)” section on page xx 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	Descriptions
<a href="#">Chapter 1, “Product Overview”</a>	Provides an overview of the Content Delivery System.
<a href="#">Chapter 2, “Network Design”</a>	Describes the possible network topologies for the Content Delivery System.
<a href="#">Chapter 3, “Getting Started”</a>	Describes accessing and navigating the Content Delivery System Manager (CDSM).
<a href="#">Chapter 4, “Configuring the VDS”</a>	Describes how to configure the VDS using the CDSM web-based user interface.
<a href="#">Chapter 5, “System Monitoring”</a>	Explains how to monitor the VDS components using the CDSM.
<a href="#">Chapter 6, “System Reporting”</a>	Explains the different reports available through the CDSM.
<a href="#">Chapter 7, “System Maintenance”</a>	Explains how to install software updates, restart services, add administrator users, and shut down and reboot the servers.
<a href="#">Appendix A, “Troubleshooting”</a>	Presents troubleshooting procedures for the VDS, including the symptoms, probable causes, and recommended actions for a variety of problems.
<a href="#">Appendix B, “Creating Bulk Import/Export Configuration Files”</a>	Provides information on creating Bulk Import/Export Configuration XML files.
<a href="#">Appendix C, “BMS Communication”</a>	Describes the mandatory values between the business management system (BMS) and the VDS to ensure communication between them.
<a href="#">Appendix D, “SNMP MIB and Trap Information”</a>	Provides information on SNMP and the Cisco TV VDS proprietary SNMP informational events and traps.
<a href="#">Appendix E, “Using the TV VDS Streamer Application Monitoring Tool”</a>	Describes the TV VDS Streamer Application Monitoring Tool (AMT) that can be used to monitor the VOD Error Repair feature.

Chapter or Appendix	Descriptions
<a href="#">Appendix F, “Engineering Access Level Pages”</a>	Describes the CDSM pages visible with the Engineering access level.
<a href="#">Appendix H, “Software Licensing Information”</a>	Provides information on open-source licenses and Cisco’s software licensing agreement.

## Document Conventions

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

Conventions	Descriptions
<b>boldface font</b>	Commands and keywords are in <b>boldface</b> .
<i>italic font</i>	Arguments for which you supply values are in <i>italics</i> .
[ ]	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 <i>screen font</i> .
<b>boldface screen font</b>	Information you must enter is in <b>boldface screen font</b> .
<i>italic screen font</i>	Arguments for which you supply values are in <i>italic screen font</i> .
^	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 Documentation

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

- *Release Notes for the Cisco TV VDS 3.4.1*
- *Cisco TV VDS 3.4 API Guide*
- *Cisco TV VDS 3.4 Installation, Upgrade, and Maintenance Guide*
- *Cisco Content Delivery Engine 100/200/300/400 Hardware Installation Guide*
- *Cisco Content Delivery Engine 110 Hardware Installation Guide*
- *Cisco Content Delivery Engine 205/220/250/420/460 Hardware Installation Guide*
- *Cisco Content Delivery System 3.x Documentation Roadmap*
- *Regulatory Compliance and Safety Information for Cisco Content Delivery Engines*

You can access the software documents at the following URL:

[http://www.cisco.com/en/US/products/ps7127/tsd\\_products\\_support\\_series\\_home.html](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](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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