



Preface

This preface describes the audience, objective, organization and conventions of the *Cisco VDS-TV RTSP Software Configuration Guide*. It also references related documentation and describes how to obtain documentation and submit a service request.

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Document Revision History

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

Date	Change Summary
April 2017	<ul style="list-style-type: none"> • Added Package Scalability in Chapter Overview. • Added a new section Configuring the Backup Scheduling in Chapter System Maintenance. • Added AIM Logging System in Appendix A Troubleshooting. • Added Array Level Configuration Backup and Restore and Maintain Section Configuration Backup and Restore in Appendix B Creating Bulk Import/Export Configuration Files. • Updated System, Array, Server and Maintain-Level Configuration XML Schema in Appendix B Creating Bulk Import/Export Configuration Files. • Added Configuring Hung Stream Timeout and Configuring Transaction Delay Debug Statements in Appendix F Engineering Access Level Pages. • Added Payout Processor in Appendix F Engineering Access Level Pages.
September 2016	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 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 that you need to configure and monitor the Cisco VDS-TV.

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

This guide does not describe system messages that 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 Hardware Installation Guide* or the *Cisco UCS C220 M4 Server Installation and Service 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 appendixes:

Chapters or Appendixes	Descriptions
Chapter 1, “Product Overview”	Provides an overview of the VDS-TV.
Chapter 2, “Network Design”	Describes the possible network topologies for the VDS-TV.
Chapter 3, “Getting Started”	Describes accessing and navigating the Content Delivery System Manager (CDSM).
Chapter 4, “Configuring the VDS”	Describes how to configure the VDS using the CDSM web-based user interface.
Chapter 5, “System Monitoring”	Explains how to monitor the VDS components using the CDSM.
Chapter 6, “System Reporting”	Explains the different reports available through the CDSM.
Chapter 7, “System Maintenance”	Explains how to install software updates, restart services, add administrator users, and shut down and reboot the servers.
Appendix A, “Troubleshooting”	Presents troubleshooting procedures for the VDS, including the symptoms, probable causes, and recommended actions for a variety of problems.
Appendix B, “Creating Bulk Configuration Files”	Provides information on creating Bulk Configuration XML files.
Appendix D, “SNMP MIB and Trap Information”	Provides information on SNMP and the Cisco VDS-TV proprietary SNMP informational events and traps.
Appendix F, “Engineering Access Level Pages”	Describes the CDSM pages visible with the engineering access level.
Appendix G, “CDDM Management Utility”	Describes the CDDM Utility.
Appendix H, “VDS-TV Tunables”	Provides information on VDS-TV Tunables.
Appendix I, “Software Licensing Information”	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
boldface font	Commands and keywords are in boldface .
<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.

Conventions	Descriptions
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A non quoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<i>screen font</i>	Terminal sessions and information the system displays are in <i>screen font</i> .
boldface screen font	Information you must enter is in boldface screen font .
<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.
< >	Non printing 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 at Cisco.com:

- *Cisco VDS-TV RTSP Software Configuration Guide, Release 4.6*
- *Cisco VDS-TV ISA Software Configuration Guide, Release 4.6*
- *Cisco VDS-TV API Guide, Release 4.6*
- *Release Notes for the Cisco VDS-TV 4.6*
- Cisco VDS-TV Installation and Upgrade Guide, Release 4.6
- Cisco Content Delivery Engine 110 Hardware Installation Guide
- Cisco Content Delivery Engine 205/220/250/280/420/460/470 Hardware Installation Guide
- Cisco UCS C220 M4 Server Installation and Service Guide
- Regulatory Compliance and Safety Information for Cisco Content Delivery Engines

You can access the software documents at:

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

You can access the hardware documents at:

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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