



## Preface

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This preface describes who should read the *Cisco VDS Internet Streamer 3.3 API Guide*, how it is organized, and its document conventions. It contains the following sections:

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## Document Revision History

**Table 1** This section records technical changes to this document. The table shows the document revision number for the change, the date of the change, and a brief summary of the change.

*Table 1 Document Revision History*

Revision	Date	Change Summary
—	June 16, 2016	Introduced multicast rearm timer API in Multicast Cloud.
OL-31408-02	April 16, 2014	Introduced the Delivery Service Restful API and modified APIs for the VDS-IS Release.3.3.1.
OL-31408-01	December 2013	Initial release.

## Audience

This application program interface (API) guide is written for the knowledgeable application programmer who understands the basic architecture of the VDS software product and Java servlets. The user should be fluent in the Java programming language and have prior practical experience developing content networking solutions. This guide is not intended to direct the user in how to program in the Java language and limits itself to describing how related VDS software servlets are used.

# Document Organization

This API guide includes the following chapters:

Chapter or Appendix	Title	Description
Chapter 1	<a href="#">Introduction to Cisco CDS Software APIs</a>	Provides an introduction to the CDS software application program interfaces.
Chapter 2	<a href="#">CDSM RESTful APIs</a>	Describes the CDSM RESTful APIs.
Chapter 3	<a href="#">CDSM Legacy APIs</a>	Describes the CDSM Legacy APIs.
Chapter 4	<a href="#">Request Routing Engine APIs</a>	Describes the Request Routing Engine APIs.
Chapter 5	<a href="#">Proximity Engine SOAP APIs</a>	Describes the Proximity Engine APIs.
Appendix A	<a href="#">Program Files in the VDS Software</a>	Describes the attributes of program files and examples for different program types.

# Document Conventions

This API guide uses basic conventions to represent text and table information.

Convention	Description
<b>boldface font</b>	Commands, keywords, and button names are in <b>boldface</b> .
<i>italic font</i>	Variables for which you supply values are in <i>italics</i> . Directory names and filenames are also in italics.
screen font	Terminal sessions and information the system displays are printed in <code>screen font</code> .
<b>boldface screen font</b>	Information you must enter is in <b>boldface screen font</b> .
<i>italic screen font</i>	Variables you enter are printed in <i>italic screen font</i> .
string	Defined as a nonquoted set of characters.  For example, when setting a community string for SNMP to “public,” do not use quotation marks around the string, or the string will include the quotation marks.
vertical bars (   )	Vertical bars separate alternative, mutually exclusive, elements.
< >	Variable for which you supply a value.
{ }	Elements in braces are required elements.
[ ]	Elements in square brackets are optional.
{ x   y   z }	Required keywords are grouped in braces and separated by vertical bars.
[ x   y   z ]	Optional keywords are grouped in brackets and separated by vertical bars.
[ { } ]	Braces within square brackets indicate a required choice within an optional element.



**Note**

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Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in the manual.

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**Tip**

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Means *the following information will help you solve a problem*. The tips information might not be troubleshooting or even an action, but could be useful information, similar to a Timesaver.

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## Related Publications

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

- *Cisco VDS Internet Streamer 3.3 Software Configuration Guide*
- *Cisco VDS Internet Streamer 3.0–3.1 Quick Start Guide*
- *Cisco VDS Internet Streamer 3.3 Command Reference*
- *Cisco VDS Internet Streamer 3.3 Alarms and Error Messages Guide*
- *Release Notes for Cisco VDS Internet Streamer 3.3.1*
- *Cisco VDS Internet Streamer 3.0–3.3 Software Installation Guide for non-CDEs*
- *Cisco Content Delivery Engine 205/220/250/420 Hardware Installation Guide*
- *Regulatory Compliance and Safety Information for Cisco Content Delivery Engines*
- *Open Sources Used in VDS IS Release 3.3*

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 for the CDEs 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)

You can access the hardware documents for non-CDEs at the following URLs:

- *Cisco UCS C200 Installation and Service Guide*  
[http://www.cisco.com/en/US/docs/unified\\_computing/ucs/c/hw/C200M1/install/c200M1.html](http://www.cisco.com/en/US/docs/unified_computing/ucs/c/hw/C200M1/install/c200M1.html)
- *Cisco UCS C210 Installation and Service Guide*  
[http://www.cisco.com/en/US/docs/unified\\_computing/ucs/c/hw/C210M1/install/C210M1.html](http://www.cisco.com/en/US/docs/unified_computing/ucs/c/hw/C210M1/install/C210M1.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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