



About this Guide

Revised: November 23, 2012, OL-21066-04

Introduction

This chapter describes who should read *Cisco Service Control Application for Broadband Reference Guide*, how it is organized, its document conventions, and how to obtain documentation and technical assistance. This guide assumes a basic familiarity with the concept of the Cisco Service Control solution, the Service Control Engine (SCE) platforms, and related components.

This guide provides information about the data structures created and used by Cisco Service Control Application for Broadband (SCA BB). It is intended for:

- Administrator who is responsible for daily operations of the Cisco Service Control solution.
- Integrators who are developing applications on top of SCA BB.

Document Revision History

Table 1 records changes to this document.

Table 1 **Document Revision History**

Revision	Cisco Service Control Release Number and Date	Change Summary
OL-21066-03	Supports all 3.6.x releases November 23, 2012	Updated Chapter 2, “Raw Data Records: Formats and Field Contents.”
OL-21066-03	Supports all 3.6.x releases November 19, 2012	Updated Chapter 2, “Raw Data Records: Formats and Field Contents.”
OL-21066-03	Supports all 3.6.x releases August 29, 2012	Chapter 2, “Raw Data Records: Formats and Field Contents” .
OL-21066-03	Supports all 3.6.x releases February 04, 2011	Chapter 2, “Raw Data Records: Formats and Field Contents” .
OL-21066-03	Supports all 3.6.x releases February 04, 2011	Updated “Information About Protocols” .

Table 1 Document Revision History (continued)

Revision	Cisco Service Control Release Number and Date	Change Summary
OL-21066-02	Supports all 3.6.x releases November 8, 2010	<p>Changes made to include release 3.6.5 updates.</p> <p>The following RDR was added:</p> <ul style="list-style-type: none"> • Zone Usage RDR, page 2-39 <p>The following RAG adapter tables were added:</p> <ul style="list-style-type: none"> • Table RPT_TOP_APN, page 4-21 • Table RPT_TOP_DEVICE_TYPE, page 4-22 • Table RPT_TOP_NETWORK_TYPE, page 4-23 • Table RPT_TOP_SGSN, page 4-24 • Table RPT_TOP_USER_LOCATION, page 4-25 • Table RPT_DVLINK, page 4-26 • Table RPT_UVLINK, page 4-27 • Table RPT_TOP_HTTP_DOMAINS, page 4-28 • Table RPT_TOP_HTTP_HOSTS, page 4-29 • Table RPT_TOP_VIDEO_DOMAINS, page 4-30 • Table RPT_TOP_VIDEO_HOSTS, page 4-31 • Table RPT_ZUR, page 4-32 • Table RPT_SPAM, page 4-33 • Table RPT_FUR, page 4-34 • Table IMEI_DEVICETYPE, page 4-35 <p>The following TA adapter tables were added:</p> <ul style="list-style-type: none"> • Table RPT_TOPS_PEAK_PERIOD, page 4-16 • Table RPT_TOPS_PEAK_CUMULATIVE, page 4-17 <p>CSV Files Format Chapter updated with details on Standard Format and Easy Format for Flavors and Zones.</p>

Table 1 Document Revision History (continued)

Revision	Cisco Service Control Release Number and Date	Change Summary
OL-21066-01	3.6.x March 28, 2010	<p>First version of this document (new for the Release 3.6.x train).</p> <p>The following changes were made from the last release of the 3.5.x train:</p> <p>The following Quota RDR formats were updated:</p> <ul style="list-style-type: none"> • Quota Breach RDR, page 2-47 • Quota Status RDR, page 2-50 • Quota Threshold Breach RDR, page 2-54 • Session Creation RDRs, page 2-57 <p>The following new RDR format was added:</p> <ul style="list-style-type: none"> • Video Transaction Usage RDR, page 2-23 <p>The following new section was added:</p> <ul style="list-style-type: none"> • ADDITIONAL_INFO Field, page 2-4

Organization

Table 2 lists the document organization of this guide.

Table 2 Document Organization

Section	Title	Description
1	Default Service Configuration Reference Tables	Describes the default service configuration provided with SCA BB
2	Raw Data Records: Formats and Field Contents	Lists the various RDRs produced by the SCE platform and gives their structure, describes the columns and fields of each RDR, and states under what conditions each kind of RDR is generated Also provides field-content information for fields generated by Service Control components (such as tags), and a description of the Periodic RDR Zero Adjustment Mechanism
3	NetFlow Records: Formats and Field Contents	Lists the RDRs whose data can be generated as NetFlow records and describes the fields that may be contained in a NetFlow record
4	Database Tables: Formats and Field Contents	Presents the different database tables used for storing RDRs (after their conversion by an adapter), and a description of the table columns (field names and types)
5	CSV File Formats	Describes the location and structure of CSV files pertaining to service configuration, subscriber management, and data collection management
6	SCA BB Proprietary MIB Reference	Describes that part of the Cisco SCE proprietary MIB that provides configuration and runtime status for SCA BB

Related Documentation

Use *Cisco Service Control Application for Broadband Reference Guide* in conjunction with the following Cisco documentation:

- [*Cisco Service Control Application for Broadband User Guide*](#)
- [*Cisco SCA BB Service Configuration API Programmer Guide*](#)
- [*Cisco Service Control Management Suite Collection Manager User Guide*](#)
- [*Cisco Service Control Management Suite Subscriber Manager User Guide*](#)
- [*Cisco Service Control Application Reporter User Guide*](#)
- SCE platform installation and configuration guides:
 - [*Cisco SCE 1000 2xGBE Installation and Configuration Guide*](#)
 - [*Cisco SCE 2000 Installation and Configuration Guide*](#)
 - [*Cisco SCE8000 10GBE Software Configuration Guide*](#)
 - [*Cisco SCE8000 GBE Software Configuration Guide*](#)
- [*Cisco SCE 2000 and SCE 1000 CLI Command Reference*](#)
- [*Cisco SCE 2000 and SCE 1000 Software Configuration Guide*](#)
- [*Cisco SCE8000 CLI Command Reference*](#)
- [*Cisco SCE8000 10GBE Installation and Configuration Guide*](#)
- [*Cisco SCE8000 GBE Installation and Configuration Guide*](#)

Conventions

This document uses the following conventions:

Table 3 **Document Conventions**

Convention	Indication
bold font	Commands and keywords and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	Elements in square brackets are optional.
{ x y z }	Required alternative 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 includes the quotation mark.
<code>courier font</code>	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

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



Tip

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.



Caution

Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.



Timesaver

Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning

Means *reader be warned*. In this situation, you might perform an action that could result in bodily injury.

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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