



About this Guide

Revised: August 21, 2012, OL-21158-04

Introduction

This preface describes who should read the *Cisco Service Control Mobile Solution Guide*, how it is organized, and its document conventions.

This guide is for experienced network administrators who are responsible for configuring and maintaining the Cisco Service Control solution in a mobile environment.

Document Revision History

Table 1 records changes to this document.

Table 1 Document Revision History

| Revision | Cisco Service Control Release and Date | Change Summary |
|-------------|---|---|
| OL-21158-04 | Supports all 3.6.x releases August 21, 2012 | Updated, Chapter 3, “Gx Interface Support.” |
| OL-21158-04 | Supports all 3.6.x releases August 16, 2012 | Updated, Chapter 2, “Diameter Interface Support.” |
| OL-21158-04 | Supports all 3.6.x releases July 27, 2012 | Updated, Appendix A “Supported Message Formats.” |
| OL-21158-04 | Supports all 3.6.x releases October 25, 2011 | Improved the quality of the user documentation by adding customer and internal feedback. |
| OL-21158-03 | Supports all 3.6.x releases November 8, 2010 | Was converted to full book format. Information on the following topics was added: <ul style="list-style-type: none">• Support for Gx RLS9• Charging ID mapping table• Capturing subscriber attributes• Generating mobile reports |

Table 1 Document Revision History (continued)

| Revision | Cisco Service Control Release and Date | Change Summary |
|-------------|--|---|
| OL-21158-02 | Release 3.6.x August 5, 2010 | Updated with Release 3.6.1 information |
| OL-21158-01 | Release 3.6.x March 28, 2010 | The <i>Cisco Service Control Mobile Solution Guide</i> was created. |

Organization

This guide contains the following sections:

Table 2 Document Organization

| Section | Title | Description |
|---------|---|---|
| 1 | Introduction to the Cisco Service Control Mobile Solution, page 1-1 | Provides an overview of the components of the Cisco Service Control Mobile solution. |
| 2 | Diameter Interface Support, page 2-1 | Explains how to configure and monitor the diameter interface. |
| 3 | Gx Interface Support, page 3-1 | Explains how the Gx interface works and how to configure it. |
| 4 | Gy Interface Support, page 4-1 | Explains how the Gy interface works and how to configure it. |
| 5 | Gx RLS9 Interface Support, page 5-1 | Explains the Gx RLS9 usage-monitoring capabilities and how to configure usage monitoring. |
| 6 | Capturing and Reporting Subscriber Attributes, page 6-1 | Explains the various methods for capturing subscriber attributes. Also explains how to include subscriber attributes in SCA BB reports and presents samples of some Mobile reports. |
| A | Supported Message Formats, page A-1 | Provides a detailed explanation of message formats for all interfaces. |
| B | Supported VSAs, page B-1 | Provides a list of supported VSAs |

Related Publications

Your SCE platform and the software running on it contain extensive features and functionality, which are documented in the following resources:

- For further information about the Service Control CLI and a complete listing of all CLI commands, see the [Cisco SCE8000 CLI Command Reference](#)
- For further information about configuring the SCE platform, see the relevant guide:
 - [Cisco SCE8000 10GBE Software Configuration Guide](#)
 - [Cisco SCE8000 GBE Software Configuration Guide](#)

- For further information about configuring the SCA BB application, see the [*Cisco Service Control Application for Broadband User Guide*](#)
- For viewing Cisco documentation or obtaining general information about the documentation, see the following sources:
 - [*Obtaining Documentation and Submitting a Service Request, page xi*](#)
 - The Cisco Information Packet that shipped with your SCE8000 platform.

Conventions

This document uses the following conventions:

Table 3 **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 will include the quotation marks. |
| courier font | 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*.



Tip

Means *the following information will help you solve a problem*.



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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