



About this Guide

Published: May 27, 2013

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-29099-01	Release 4.0.x May 27, 2013	First version of this document (new for the Release 4.0.x train). Updates for Release 4.0.0: <ul style="list-style-type: none">Updated the “Diameter Stack CLI Commands” section on page 2-6.

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. 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 SCE 8000 CLI Command Reference](#)
- For further information about configuring the SCE platform, see the relevant guide:
 - [Cisco SCE 8000 10GBE Software Configuration Guide](#)
 - [Cisco SCE 8000 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 xii](#)
 - The Cisco Information Packet that is shipped with your Cisco SCE 8000 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.
<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*.



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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