



## About this Guide

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**Published: December 23, 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**

<b>Revision</b>	<b>Cisco Service Control Release and Date</b>	<b>Change Summary</b>
OL-30600-01	Release 4.1.x December 23, 2013	First version of this document (new for the Release 4.1.x train).  Updates for Release 4.1.0: <ul style="list-style-type: none"><li>• Added the “Cell Congestion Awareness” section on page 1-6.</li><li>• Added the “Mapping Multiple VLAN IDs to a Virtual Gi ID” section on page 3-15.</li></ul>

# Organization

This guide contains the following sections:

**Table 2**      **Document Organization**

Section	Title	Description
1	<a href="#">Introduction to the Cisco Service Control Mobile Solution, page 1-1</a>	Provides an overview of the components of the Cisco Service Control Mobile solution.
2	<a href="#">Diameter Interface Support, page 2-1</a>	Explains how to configure and monitor the diameter interface.
3	<a href="#">Gx Interface Support, page 3-1</a>	Explains how the Gx interface works and how to configure it.
4	<a href="#">Gy Interface Support, page 4-1</a>	Explains how the Gy interface works and how to configure it.
5	<a href="#">Gx RLS9 Interface Support, page 5-1</a>	Explains the Gx RLS9 usage-monitoring capabilities and how to configure usage monitoring.
6	<a href="#">Capturing and Reporting Subscriber Attributes, page 6-1</a>	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	<a href="#">Supported Message Formats, page A-1</a>	Provides a detailed explanation of message formats for all interfaces.
B	<a href="#">Supported VSAs, page B-1</a>	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 xiv](#)
  - 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
<b>bold font</b>	Commands and keywords and user-entered text appear in <b>bold font</b> .
<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**.

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# 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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