



About this Guide

Published: December 23, 2013, OL-30585-01

Introduction

This guide is for networking or computer technicians who want to integrate a policy server with a Cisco Service Control Engine (SCE) platform to provision subscribers.

Document Revision History

The following Document Revision History table records the changes made to this document.

Table 1 **Document Revision History**

Revision	Cisco Service Control Release and Date	Change Summary
OL-30585-01	Release 4.1.x December 23, 2013	First version of this document (new for the Release 4.1.x train). Updated for Release 4.1.0.

Organization

The guide contains the following sections.

Table 2 **Document Organization**

Section	Title	Description
Chapter 1	Getting Started	Identifies the platforms on which you can run the Cisco SCE Subscriber API ¹ . This chapter also describes how to install, compile, and start running the API.
Chapter 2	Concepts and Terms	Describes the various terms and concepts that pertain to working with the Cisco SCE Subscriber API.
Chapter 3	Application Programming Interface Events	Describes the various events accessed by the Cisco SCE Subscriber API.
Chapter 4	Application Programming Interface Data Types	Describes the various API data types.
Chapter 5	Programming with the Cisco SCE Subscriber API	Provides a detailed description of the API programming structure, classes, methods, and interfaces.
Chapter 6	Troubleshooting	Describes API logging for troubleshooting integration with the API. API logging enables you to monitor called operations, including the parameters received, on the API client side and on the Cisco SCE side.
Appendix A	List of Error Codes	Lists the error codes that the API returns.

1. API = application programming interface

Related Documentation

Use this API guide with the following Cisco documentation:

- [Cisco Service Control Management Suite Subscriber Manager User Guide](#)
- [Cisco Service Control Application for Broadband User Guide](#)
- [Cisco SCE 1000 2xGBE Installation and Configuration Guide](#)
- [Cisco SCE 2000 Installation and Configuration Guide](#)

Conventions

The 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**.

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