



About this Guide

Revised: August 26, 2014

Introduction

This guide provides instructions for installing and configuring several software components:

- Cisco Service Control Subscriber Manager application
- Subscriber Manager database
- Configuration file

The guide also includes instructions for managing the system with the Command-Line Utilities (CLU).

The guide is intended for system and network administrators who install and configure the Cisco Service Control Subscriber Manager application and for operators who tend to the daily operation of the Cisco Service Control Subscriber Manager.

To use the information in this guide optimally, you should be familiar with related Cisco products:

- Service Control Management Suite
- Cisco Service Control Engine (Cisco SCE 8000 platform)
- Components related to the Cisco SCE

Document Revision History

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

Table 1 **Document Revision History**

| Cisco Service Control Release and Date | Change Summary |
|---|--|
| Release 4.2.x August 26, 2014 | <ul style="list-style-type: none"><li data-bbox="667 493 1112 527">• Flexible Redirection Section, page 9.<li data-bbox="667 535 1079 569">• Removed references to SCE 2000.<li data-bbox="667 577 1008 611">• Deprecated Solaris support. |

Organization

This guide contains the following sections.

Table 2 **Document Organization**

| Section | Title | Description |
|----------------|---|---|
| Chapter 1 | Chapter 1, “Cisco Service Control Overview.” | Presents an overview of the Cisco Service Control Solution and the Cisco SCE platform. |
| Chapter 2 | Chapter 2, “Cisco Service Control Subscriber Manager Overview.” | Describes the subscriber manager solution, subscriber control, and management of the Cisco Service Control Subscriber Manager application. |
| Chapter 3 | Chapter 3, “Subscriber Manager Failover.” | Describes using the Cisco Service Control Subscriber Manager with clusters and redundancy. |
| Chapter 4 | Chapter 4, “Installation and Upgrading.” | Describes Cisco Service Control Subscriber Manager installation and upgrade procedures. |
| Chapter 5 | Chapter 5, “Configuration and Management.” | Describes Cisco Service Control Subscriber Manager configuration and management procedures and how to use the Command-Line Utilities (CLU). |
| Appendix A | Appendix 6 “Configuration File Options.” | Describes the Cisco Service Control Subscriber Manager configuration file and all configurable parameters. |
| Appendix B | Appendix 7 “Command-Line Utilities.” | Describes the Command-Line Utilities (CLU) for managing the Cisco Service Control Subscriber Manager application. |
| Appendix C | Appendix 8 “CPE as a Subscriber in a Cable Environment.” | Describes a cable environment in which the Customer Premise Equipment (CPE) performs as the subscriber in a Cisco Service Control solution. |
| Appendix D | Appendix A “Troubleshooting.” | Describes Cisco Service Control Subscriber Manager application error messages, probable causes, and solutions. |
| Appendix E | Appendix A “Veritas Cluster Server.” | Provides guidelines for a Veritas Cluster Server configuration in an Cisco Service Control Subscriber Manager cluster installation. |

Related Documentation

The *Cisco Service Control Subscriber Manager User Guide* is related to the following Cisco documentation:

- *Cisco Service Control Application for Broadband User Guide*
- *Cisco Service Control Management Suite Quota Manager User Guide*
- *Cisco SCE 8000 Installation and Configuration Guide*
- *Cisco SCMS SM LEGs User 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 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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