



## About this Guide

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This preface describes who should read the *Cisco SCE8000 Software Configuration Guide*, how it is organized, and its document conventions.

This guide is for experienced network administrators who are responsible for configuring and maintaining the SCE platform.

## Document Revision History

The Document Revision History below records changes to this document.

Revision	Cisco Service Control Release and Date	Change Summary
OL-16479-02	3.1.7 February 15, 2011	Updated Appendix A.
OL-16479-02	3.1.7 May 6, 2010	Republished
OL-16479-02	3.1.7 December, 2008	Explanation of cascade functionality added in the following chapters: <ul style="list-style-type: none"><li>• <a href="#">Chapter 7, “Configuring the Connection”</a></li><li>• <a href="#">Chapter 9, “Managing Subscribers”</a></li><li>• <a href="#">Chapter 10, “Redundancy and Fail-Over”</a></li><li>• <a href="#">Chapter 12, “Managing the SCMP”</a></li></ul>
OL-16479-01	3.1.6S June, 2008	Created the <i>Cisco SCE8000 Software Configuration Guide</i> .

## Organization

This guide contains the following chapters:

Title	Description
<a href="#">Chapter 1, “Cisco Service Control Overview”</a>	Overview of SCE platform management.
<a href="#">Chapter 2, “Command Line Interface”</a>	Detailed explanation of how to use the Cisco SCE Command-line Interface.
<a href="#">Chapter 3, “Basic Cisco SCE8000 Platform Operations”</a>	Explanation of how to manage configurations, install applications and upgrade the system software.
<a href="#">Chapter 4, “Utilities”</a>	Explanation of the setup wizard and the user log, as well as of file operations.
<a href="#">Chapter 5, “Configuring the Management Interface and Security”</a>	Explanation of how to configure the various management options: Telnet, SSH, and SNMP. Also how to configure the system time, Domain Name Settings, management IP address, and passwords.
<a href="#">Chapter 6, “Configuring the Line Interface”</a>	Explanation of how to configure tunneling, TOS marking, and traffic rules.
<a href="#">Chapter 7, “Configuring the Connection”</a>	Explanation of how to configure the connection mode, link mode, and failure behaviors
<a href="#">Chapter 8, “Raw Data Formatting: The RDR Formatter and NetFlow Exporting”</a>	Explanation of how to configure the connection mode, link mode, and failure behaviors.
<a href="#">Chapter 9, “Managing Subscribers”</a>	Explanation of how to import and export subscriber information and how to monitor subscribers.
<a href="#">Chapter 10, “Redundancy and Fail-Over”</a>	Explanation of how to configure and manage a redundant system.
<a href="#">Chapter 11, “Identifying and Preventing Distributed-Denial-Of-Service Attacks”</a>	Explanation of how to configure attack filtering.
<a href="#">Chapter 12, “Managing the SCMP”</a>	Explanation of Service Control Management Protocol (SCMP), which is a protocol that integrates the SCE platform and the ISG (Intelligent Service Gateway) functionality of the Cisco routers. It also explains how to configure and manage SCMP, SCMP peer devices and the RADIUS client.
<a href="#">Appendix A, “Cisco Service Control MIBs”</a>	Explanation of how to map the proprietary pcube MIB supported in previous releases to the new MIB structure.
<a href="#">Appendix B, “Monitoring SCE Platform Utilization”</a>	Explanation of how to monitor SCE platforms that are installed in real traffic.

## 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 regarding the Service Control CLI and a complete listing of all CLI commands, refer to the [Cisco SCE8000 CLI Command Reference](#)
- For initial installation and startup information, refer to the relevant installation guide:
  - [Cisco SCE8000 Installation and Configuration Guide](#)
- For international agency compliance, safety, and statutory information for wide-area network (WAN) interfaces for the SCE 2000 platform, refer to the regulatory and safety information document:
  - [Regulatory Compliance and Safety Information for Cisco SCE8000](#)
- For installation and configuration of the other components of the Service Control Management Suite refer to:
  - [Cisco SCMS Subscriber Management User Guide](#)
  - [Cisco SCMS Collection Manager User Guide](#)
  - [Cisco Service Control Application for Broadband User Guide](#)
  - [Cisco Service Control Application Reporter User Guide](#)
- To view Cisco documentation or obtain general information about the documentation, refer to the following sources:
  - [Obtaining Documentation and Submitting a Service Request, page xxii](#)
  - The Cisco Information Packet that shipped with your SCE8000 platform.

## Conventions

This document uses the following 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.**

## 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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