About this Guide

Introduction

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

This guide is for the networking or computer technician responsible for installing and configuring the Cisco SCE8000 GBE platform on-site. To use this publication, you should be familiar with telecommunications equipment and installation procedures, as well as electronic circuitry and wiring practices. You should also have experience as an electronic or electromechanical technician.

This installation guide explains the initial hardware installation and basic configuration procedures for the Cisco SCE8000 GBE. It contains procedures for unpacking and installing the device and performing basic configuration via the setup wizard. After completing the installation and basic configuration procedures covered in this guide, use the appropriate companion publications to configure your system more completely.

This guide contains instructions on how to install and run the Cisco SCE8000 GBE platform. This guide assumes a basic familiarity with telecommunications equipment and installation procedures.

Document Revision History

Table 1   *Document Revision History*

Revision	Cisco Service Control Release and Date	Change Summary
OL-24139-01	Release 3.7.x December 04, 2012	• Updated Chapter 2, "Introduction to the Cisco SCE8000 GBE Platform." • Updated Chapter 3, "Cisco SCE8000 GBE Topology and Topology-Related Parameters."
OL-24139-01	Release 3.7.x November 06, 2012	Updated Chapter 8, "Troubleshooting."
OL-24139-01	Release 3.7.x June 13, 2011	First version of this document (new for the Release 3.7.x train). No changes were made from the last release of the 3.6.x train.

Organization

Table 2 lists the major sections of this guide.

Table 2   ***Document Organization***

Chapter	Title	Description
1	Cisco Service Control Overview, page 1-1	This chapter provides a brief introduction to Cisco Service Control.
2	Introduction to the Cisco SCE8000 GBE Platform, page 2-1	This chapter provides a hardware overview of the SCE8000 GBE platform.
3	Cisco SCE8000 GBE Topology and Topology-Related Parameters, page 3-1	This chapter describes the possible deployment topologies of the SCE8000 GBE and explains how various aspects of the topology determine the configuration of the system.
4	Installing the Cisco SCE8000 Chassis, page 4-1	This chapter explains how to install a SCE8000 GBE platform in the rack and properly ground it.
5	Connecting the Management Interfaces, page 5-1	This chapter explains how to connect the SCE8000 GBE platform to a local console and perform the initial system configuration via the setup wizard that runs automatically.
6	Cabling the GBE Line Ports and Completing the Installation, page 6-1	This chapter provides instructions for cabling the Gigabit Ethernet ports for both one and two SCE8000 GBE topologies, and for configuring GBE interface parameters. In a topology utilizing two SCE8000 GBEs (cascaded), this includes the cascade ports as well as the line ports.
7	Basic Cisco SCE8000 GBE Platform Operations, page 7-1	This chapter describes how to start up the SCE8000 GBE platform, reboot, and shutdown. It also describes how to manage configurations.
8	Troubleshooting, page 8-1	This chapter provides basic system startup troubleshooting information.
9	Removal and Replacement Procedures, page 9-1	This chapter explains the procedures for removing and replacing the power supplies, fan trays, and other modules.
A	CLI Commands to Verify a Successful Installation, page A-1	This appendix provides a basic post-installation checklist to verify that the installation was successful.
B	Appendix B, "Cisco Service Control Engine System Log Messages"	This appendix describes the system log messages generated by the Cisco SCE 8000 GBE platform.

Related Publications

Your Cisco SCE8000 GBE platform and the software running on it contain extensive features and functionality, which are documented in the following resources:

- Cisco CLI software:

    – *Cisco SCE8000 GBE Software Configuration Guide*

    – *Cisco SCE8000 CLI Command Reference*

- For international agency compliance, safety, and statutory information for WAN interfaces for the Cisco SCE8000 GBE platform, see *Regulatory Compliance and Safety Information for Cisco SCE8000 GBE*.

- For installation and configuration of the other components of the Service Control Management Suite, see:

    – *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, see the Cisco Information Packet that shipped with your Cisco SCE8000 GBE platform.

Conventions

Table 3 lists the conventions this document uses.

Table 3   Conventions

Convention	Indication
bold font	Commands and keywords and user-entered text appear in **bold** font.
italic font	Document titles, new or emphasized terms, and arguments for which you supply values are in *italic* font.
[ ]	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.
courier font	Terminal sessions and information the system displays appear in courier font.
< >	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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