



About this Guide

Revised: November 29, 2007, OL-7825-09

This guide contains Command-Line Interface (CLI) commands to maintain the SCE platform. This guide assumes a basic familiarity with telecommunications equipment and installation procedures.

This reference provides a complete listing of all commands at the **admin** authorization level or below, with examples of how to use each command to perform typical SCE platform management functions.

This introduction provides information about the following topics:

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Audience

This guide is intended for the networking or computer technician responsible for configuring and maintaining the SCE platform on-site. It is also intended for the operator who manages the SCE platform(s). This guide does not cover high-level technical support procedures available to Root administrators and Cisco technical support personnel.

Document Revision History

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.5	OL-7825-09	November, 2007

Description of Changes

Added, removed, and updated CLI commands related to the following updated features:

- VPN support (automatic VPNs)

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.5 LA	OL-7825-08	August, 2007

Description of Changes

Added, removed, and updated CLI commands related to the following updated features:

- VPN support (handling of VLANs and MPLS/VPNs)
- TOS marking

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.0	OL-7825-07	May, 2007

Description of Changes

Added and updated CLI commands related to the following new features:

- Asymmetrical routing
- Support for NetFlowV9

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.5	OL-7825-06	February, 2006

Description of Changes

Updated sections relating to the Viewer authorization level.

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.5	OL-7825-05	November, 2006

Description of Changes

Added CLI commands related to the following new features:

- SCMP
- Unique Device Identifier (UDI)

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.3	OL-7825-04	May, 2006

Description of Changes

Added CLI commands related to the following new features:

- MPLS/VPN support
- VLAN translation
- VAS over 10G

Cisco Service Control Release	Part Number	Publication Date
Release 3.0	OL-7825-03	December, 2005

Description of Changes

Added CLI commands related to the following new features:

- Value Added Services traffic forwarding
- TACACS+ authentication, authorization and accounting
- Management port redundancy

Cisco Service Control Release	Part Number	Publication Date
Release 2.5.7	OL-7825-02	August, 2005

Description of Changes

Complete reorganization and revision of product documentation.

Organization

The major sections of this guide are as follows:

Table 1 **Document Organization**

Chapter	Title	Description
Chapter 1	Command Line Interface, page 1-1	Describes how to use the SCE platform Command-Line Interface (CLI), its hierarchical structure, authorization levels and its help features.
Chapter 2	CLI Command Reference, page 2-1	Provides an alphabetical list of the available CLI commands that you can use to configure the SCE platform.

Related Publications

This *Cisco Service Control Engine (SCE) CLI Command Reference* should be used in conjunction with the following SCE platform manuals to provide a detailed explanation of the commands:

- *Cisco Service Control Engine (SCE) Software Configuration Guide*
- *Cisco SCE 2000 4xGBE Installation and Configuration Guide*
- *Cisco SCE 2000 4/8xFE Installation and Configuration Guide*
- *Cisco SCE 1000 2xGBE Installation and Configuration Guide*

Conventions

This document uses the following conventions:

Table 2 **Document Conventions**

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
{ x y z }	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.
screen font	Terminal sessions and information that the system displays are in screen font.
boldface screen font	Information you must enter is in boldface screen font.
<i>italic screen font</i>	Arguments for which you supply values are in italic screen 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* . Notes contain helpful suggestions or references to materials not covered in this manual.

Means *reader be careful* . In this situation, you might do something that could result in equipment damage or loss of data.

Means *reader be warned* . In this situation, you might do something 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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