



Preface

This preface describes who should read the *Cisco Service Control Application for Broadband User Guide*, how it is organized, its document conventions, and how to obtain documentation and technical assistance.

This guide assumes a basic familiarity with the concept of the Service Control solution, the Service Control Engine (SCE) platforms, and related components.

Document Revision History

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.5	OL-7205-08	January, 2010
Release 3.1.5	OL-7205-07	December, 2007

Description of Changes

Added the following new feature:

- [Configuration Wizards, page 4-17](#)

See:

- [How to Use the Usage Analysis Wizard, page 4-18](#)
- [How to Use the P2P Traffic Optimization Wizards, page 4-29](#)
- [How to Use the Reporter DB Configuration Wizard, page 4-44](#)
- [How to Configure SCE and CM Devices Using a Wizard, page 5-7](#)

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.5 LA	OL-7205-06	August, 2007

Description of Changes

Added the following new features:

- DSCP ToS Classification (ToS is added as a flavor type, see [Managing Flavors, page 7-44](#))
- DSCP ToS Marking (see [How to Manage DSCP ToS Marker Values, page 9-28](#))

Cisco Service Control Release	Part Number	Publication Date
Release 3.1.0	OL-7205-05	May, 2007

Description of Changes

Added the following new features:

- Virtual Links (see [Managing Virtual Links](#), page 9-44)
- Asymmetric Routing Classification Mode, page 10-34
- NetFlow (see [NetFlow records](#), page 8-2)
- Quota Replenish Scatter, page 9-50

Updated the following sections of the document

- [Managing Bandwidth](#), page 9-29
- [Information About the System Modes](#), page 10-34
- [Managing Advanced Service Configuration Options](#), page 10-39

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.5	OL-7205-04	November, 2006

Description of Changes

Added the following new feature:

- [The SCA BB Real-Time Monitoring Configuration Utility](#), page 13-5

Updated the following sections of the document

- Quick Forwarding (see [Filter Rule Actions](#), page 10-18 and [Automatic Quick Forwarding of Media Flows](#), page 10-19)

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.3	OL-7205-03	May, 2006

Description of Changes

Added the following new features:

- [Hitless Upgrade of the SLI](#), page 4-12
- Content Filtering (see [Managing Content Filtering](#), page 7-53)
- [The Service Security Dashboard](#), page 10-1

Removed the following deprecated feature:

- Attack Filtering and Subscription Notification

Cisco Service Control Release	Part Number	Publication Date
Release 3.0.0	OL-7205-02	December, 2005

Description of Changes

Document name changed to *Cisco Service Control Application for Broadband User Guide*.

Both the look-and-feel and the functionality of the Cisco Service Control Application for Broadband (SCA BB) Console were redesigned for release 3.0. Consequently, this document underwent a major rewrite. The major changes in this document are listed below.

- Appendixes B, C, D of the 2.5.5 release user guide were moved to a new document: the *Cisco Service Control Application for Broadband Reference Guide*.
- Chapter 8 and Appendix A of the 2.5.5 release user guide were moved to a new document: the *Cisco Service Control Application Suite Reporter User Guide*.
- The *Cisco Service Control Application Suite for Broadband Installation Guide* was deprecated; it forms the basis for part of the Getting Started chapter.
- Chapter 5 of the 2.5.5 release user guide (*Constructing Service Configurations*) was completely rewritten and split into three chapters.
- New chapters were added for the new tools included in the Console: the Network Navigator tool and the Signature Editor tool.

Cisco Service Control Release	Part Number	Publication Date
Release 2.5.5	OL-7205-01	February, 2005

Description of Changes

Created the *Cisco Service Control Application Suite for Broadband User Guide*.

Organization

The major sections of this guide are as follows:

Chapter	Title	Description
Chapter 1	General Overview	Provides a general overview of the Cisco Service Control solution.
Chapter 2	System Overview	Provides a functional overview of the Cisco Service Control solution.
Chapter 3	Traffic Processing Overview	Provides a technical overview of the Cisco Service Control solution.
Chapter 4	Getting Started	Guides you through the process of installing or upgrading SCA BB and describes the concept of the Console as a collection of tools.

Chapter	Title	Description
Chapter 5	Using the Network Navigator	Explains how to use the Network Navigator to create a model of all devices that are part of the Cisco Service Control solution and how to manage the devices remotely.
Chapter 6	Using the Service Configuration Editor	Explains how to use the Service Configuration Editor to manage service configurations.
Chapter 7	Using the Service Configuration Editor: Traffic Classification	Explains how to configure service configurations to perform traffic classification.
Chapter 8	Using the Service Configuration Editor: Traffic Accounting and Reporting	Explains how to configure service configurations to perform traffic reporting.
Chapter 9	Using the Service Configuration Editor: Traffic Control	Explains how to configure service configurations to perform traffic control.
Chapter 10	Using the Service Configuration Editor: Additional Options	Documents additional, advanced options available in the Service Configuration Editor.
Chapter 11	Using the Subscriber Manager GUI Tool	Explains how to use the SM GUI tool to configure subscribers on the SCMS-SM database.
Chapter 12	Using the Signature Editor	Documents the Signature Editor tool, which can create files for updating protocols in SCA BB.
Chapter 13	Additional Management Tools and Interfaces	Documents and explains other tools that are available for use with SCA BB.

Related Publications

The following publications are available for the Cisco Service Control Application for Broadband:

- *Cisco Service Control Application for Broadband Reference Guide*
- *Cisco Service Control Application for Broadband Service Configuration API Programmer Guide*
- *Cisco Service Control Management Suite Collection Manager User Guide*
- *Cisco Service Control Management Suite Subscriber Manager User Guide*
- *Cisco Service Control Application Reporter User Guide*
- The SCE platform installation and configuration guides:
 - *Cisco SCE 1000 2xGBE Installation and Configuration Guide*
 - *Cisco SCE 2000 4xGBE Installation and Configuration Guide*
 - *Cisco SCE 2000 4/8xFE Installation and Configuration Guide*

- *Cisco Service Control Engine (SCE) CLI Command Reference*
- *Cisco Service Control Engine (SCE) Software Configuration 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 SCE 2000 platform.

Conventions

This document uses the following conventions:

Convention	Description
boldface font	Commands and keywords are in boldface .
<i>italic font</i>	Arguments for which you supply values are in <i>italics</i> .
[]	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 <code>screen font</code> .
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 <i>italic screen font</i> .
<>	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.

**Caution**

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

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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