



## About this Guide

This preface describes the *SGSN Administration Guide*, its organization, document conventions, related documents, and contact information for Cisco customer service.

The SGSN (Serving GPRS Support Node) is a StarOS application that runs on Cisco® ASR 5500 and virtualized platforms.

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## Conventions Used

The following tables describe the conventions used throughout this documentation.

Notice Type	Description
Information Note	Provides information about important features or instructions.
Caution	Alerts you of potential damage to a program, device, or system.
Warning	Alerts you of potential personal injury or fatality. May also alert you of potential electrical hazards.

Typeface Conventions	Description
Text represented as a screen display	This typeface represents displays that appear on your terminal screen, for example:  Login:
Text represented as <b>commands</b>	This typeface represents commands that you enter, for example:  <b>show ip access-list</b>  This document always gives the full form of a command in lowercase letters. Commands are not case sensitive.

Typeface Conventions	Description
Text represented as a <b>command</b> <i>variable</i>	This typeface represents a variable that is part of a command, for example:  <b>show card</b> <i>slot_number</i>  <i>slot_number</i> is a variable representing the desired chassis slot number.
Text represented as menu or sub-menu names	This typeface represents menus and sub-menus that you access within a software application, for example:  Click the <b>File</b> menu, then click <b>New</b>
Command Syntax Conventions	Description
{ <b>keyword</b> or <i>variable</i> }	Required keyword options and variables are those components that are required to be entered as part of the command syntax.  Required keyword options and variables are surrounded by grouped braces { }. For example:  <b>sctp-max-data-chunks { limit <i>max_chunks</i>   mtu-limit }</b>  If a keyword or variable is not enclosed in braces or brackets, it is mandatory. For example:  <b>snmp trap link-status</b>
[ <b>keyword</b> or <i>variable</i> ]	Optional keywords or variables, or those that a user may or may not choose to use, are surrounded by brackets.
	Some commands support multiple options. These are documented within braces or brackets by separating each option with a vertical bar.  These options can be used in conjunction with required or optional keywords or variables. For example:  <b>action activate-flow-detection { initiation   termination }</b>  or  <b>ip address [ count <i>number_of_packets</i>   size <i>number_of_bytes</i> ]</b>

# Supported Documents and Resources

## Related Common Documentation

The most up-to-date information for this product is available in the SGSN Release Notes provided with each product release.

The following common documents are available:

- *AAA Interface Administration and Reference*
- *Command Line Interface Reference*
- *GTPP Interface Administration and Reference*
- *Installation Guide* (platform dependent)
- *Release Change Reference*
- *SNMP MIB Reference*
- *Statistics and Counters Reference*
- *System Administration Guide* (platform dependent)
- *Thresholding Configuration Guide*
- *Cisco StarOS IP Security (IPSec) Reference*

## Related Product Documentation

The following documents are also available for products that work in conjunction with the SGSN:

- *GGSN Administration Guide*
- *InTracer Installation and Administration Guide*
- *MME Administration Guide*
- *MURAL Software Installation Guide*
- *Web Element Manager Installation and Administration Guide*

## Obtaining Documentation

The most current Cisco documentation is available on the following website:

<http://www.cisco.com/cisco/web/psa/default.html>

Use the following path selections to access the SGSN documentation:

Products > Wireless > Mobile Internet > Network Functions > Cisco SGSN Serving GPRS Support Node

## Contacting Customer Support

Use the information in this section to contact customer support.

Refer to the support area of <http://www.cisco.com> for up-to-date product documentation or to submit a service request. A valid username and password are required to access this site. Please contact your Cisco sales or service representative for additional information.

