



## About this Guide

This preface describes the Packet Data Serving Node Administration Guide, how it is organized and its document conventions.

Packet Data Serving Node Gateway (PDSN) is a StarOS application that runs on Cisco® ASR 5500 and virtualized platforms. The ASR 5500 provides wireless carriers with a flexible solution that functions as a Packet Data Support Node (PDSN) in CDMA 2000 wireless data networks.

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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:  <code>Login:</code>
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 following common documents are available:

- *AAA Interface Administration and Reference*
- *Command Line Interface Reference*
- *GTPP Interface Administration and Reference*
- *Installation Guide* (platform dependant)
- *Release Change Reference*
- *SNMP MIB Reference*
- *Statistics and Counters Reference*
- *System Administration Guide* (platform dependant)
- *Thresholding Configuration Guide*

## Related Product Documentation

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

The following product documents are also available and work in conjunction with the PDSN:

- *ADC Administration Guide*
- *CF Administration Guide*
- *ECS Administration Guide*
- *ePDG Administration Guide*
- *GGSN Administration Guide*
- *HA Administration Guide*
- *HSGW Administration Guide*
- *IPSec Reference*
- *MME Administration Guide*
- *NAT Administration Guide*
- *PSF Administration Guide*
- *P-GW Administration Guide*
- *SAEGW Administration Guide*
- *SaMOG Administration Guide*
- *SecGW Administration Guide*
- *SGSN Administration Guide*
- *S-GW 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 Packet Data Serving Node Administration Guide documentation:

Products > Wireless > Mobile Internet> Network Functions > Cisco PDSN/HA Packet Data Serving Node and Home Agent

## 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.