About this Guide

This preface describes the *NAT Administration Guide*, how it is organized and its document conventions.

Network Address Translation (NAT) is a StarOS™ in-line service application that runs on Cisco® ASR 5500 and virtualized platforms.

The NAT in-line service translates non-routable private IP address(es) to routable public IP address(es) from a pool of public IP addresses that have been designated for NAT. This enables to conserve on the number of public IP addresses required to communicate with external networks, and ensures security as the IP address scheme for the internal network is masked from external hosts, and each outgoing and incoming packet goes through the translation process.

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:`

Typeface Conventions	Description
Text represented as **commands**	This typeface represents commands that you enter, for example: **show ip access-list** This document always gives the full form of a command in lowercase letters. Commands are not case sensitive.
Text represented as a **command** *variable*	This typeface represents a variable that is part of a command, for example: **show card** *slot_number* *slot_number* 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 **File** menu, then click **New**

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 CF:

- *ECS Administration Guide*
- *GGSN Administration Guide*
- *HA Administration Guide*
- *PDSN Administration Guide*
- *P-GW Administration Guide*
- *SaMOG 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 CF documentation:

Products > Wireless > Mobile Internet > In-Line Services > Cisco NAT Network Address Translation

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.