



## About this Guide

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

Cisco Ultra Gateway Platform (UGP) is a software-defined, fully featured packet core, consisting of a fully distributed network of multiple virtual machines (VMs) grouped to form a single StarOS instance with VMs performing management, input/output (I/O), and packet processing. The VMs run on commercial off-the-shelf (COTS) servers. This guide describes how to configure and administer the various components of the UGP.



**Note** The current release does not comply fully with Cisco's Security Development Lifecycle. Cisco has analyzed and identified the security vulnerabilities related to this release and closed the high-impacting vulnerabilities. Vulnerabilities will be disclosed in accordance with Cisco's Security Vulnerability Policy.

This guide describes how to generally configure and maintain StarOS running on an virtualized platform. It also includes information on monitoring system performance and troubleshooting. Supplemental information related to general StarOS operation and supported network gateway functions can be found in the StarOS documentation.

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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 <code>screen display</code>	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.
Text represented as a <b>command variable</b>	This typeface represents a variable that is part of a command, for example:  <b>show card slot_number</b>  <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 max_chunks   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.

Command Syntax Conventions	Description
	<p>Some commands support multiple options. These are documented within braces or brackets by separating each option with a vertical bar.</p> <p>These options can be used in conjunction with required or optional keywords or variables. For example:</p> <pre>action activate-flow-detection {   intitiation   termination }</pre> <p>or</p> <pre>ip address [ count number_of_packets     size number_of_bytes ]</pre>

## Related Documentation

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

The following user documents are available on [www.cisco.com](http://www.cisco.com):

- *AAA Interface Administration and Reference*
- *Command Line Interface Reference*
- *GTPP Interface Administration and Reference*
- *IPSec Reference*
- *Release Change Reference*
- *SNMP MIB Reference*
- *Statistics and Counters Reference*
- *Thresholding Configuration Guide*
- Product-specific and feature-specific Administration guides

## 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.

