



Preface

This preface describes who should read the *Cisco Wide Area Application Services Configuration Guide*, how it is organized, and its document conventions. It contains the following sections:

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Audience

This guide is for experienced network administrators who are responsible for configuring and maintaining the Cisco Wide Area Application Services (WAAS) network.

You should be familiar with the basic concepts and terminology used in internetworking, and understand your network topology and the protocols that the devices in your network can use. You should also have a working knowledge of the operating systems on which you are running your WAAS network, such as Microsoft Windows, Linux, or Solaris.

Document Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to Cisco WAAS	Provides an overview of the WAAS product and its features.
Chapter 2	Planning Your WAAS Network	Provides general guidelines and preparation information you should read before installing the WAAS product in your network.
Chapter 3	Using Device Groups and Device Locations	Describes how to create groups that make it easier to manage and configure multiple devices at the same time. This chapter also covers device locations.

Chapter	Title	Description
Chapter 4	Configuring Traffic Interception	Describes the WAAS software support for intercepting all TCP traffic in an IP-based network.
Chapter 5	Configuring Network Settings	Describes how to configure basic network settings like DNS and CDP.
Chapter 6	Configuring Administrative Login Authentication, Authorization, and Accounting	Describes how to centrally configure administrative login authentication, authorization, and accounting for WAEs in your WAAS network.
Chapter 7	Creating and Managing Administrator User Accounts and Groups	Describes how to create device-based CLI accounts and roles-based accounts from the WAAS Central Manager GUI.
Chapter 8	Creating and Managing IP Access Control Lists for WAAS Devices	Describes how to centrally create and manage Internet Protocol (IP) access control lists (ACLs) for your WAEs.
Chapter 9	Configuring Other System Settings	Describes how to perform various other system configuration tasks such as specifying an NTP server and setting the time zone on a device.
Chapter 10	Using the WAE Device Manager GUI	Describes how to use the WAE Device Manager GUI to configure and manage individual WAEs in your network.
Chapter 11	Configuring Wide Area File Services	Describes how to configure Wide Area File Services (WAFS), which allows branch office users to more efficiently access data stored at centralized data centers. The WAFS feature overcomes the WAN latency and bandwidth limitations by caching data on WAEs near branch office users.
Chapter 12	Configuring Application Acceleration	Describes how to configure the application policies on your WAAS system that determine the types of application traffic that is accelerated over your WAN.
Chapter 13	Configuring and Managing WAAS Legacy Print Services	Describes how to configure and manage the WAAS print services feature that allows WAEs to function as print servers in your branch offices.
Chapter 14	Configuring Virtual Blades	Describes how to configure virtual blades, which emulate another computer in your WAAS device.
Chapter 15	Maintaining Your WAAS System	Describes the tasks you may need to perform to maintain your WAAS system.
Chapter 16	Monitoring and Troubleshooting Your WAAS Network	Describes the monitoring and troubleshooting tools available in the WAAS Central Manager GUI that can help you identify and resolve issues with your WAAS system.

Chapter	Title	Description
Chapter 17	Configuring SNMP Monitoring	Describes how to configure SNMP traps, recipients, community strings and group associations, user security model groups, and user access permissions.
Appendix A	Default Application Policies	Lists the default applications and classifiers that WAAS will either optimize or pass through based on the policies that are provided with the system.

Document Conventions

Command descriptions use these conventions:

boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.

Screen examples use these conventions:

screen font	Terminal sessions and information the switch displays are in screen font.
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 italic screen font.
< >	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.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

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



Tip

Means *the following information will help you solve a problem*. Tips might not be troubleshooting or even an action, but could help you save time.

Related Documentation

For additional information on the Cisco WAAS software, see the following documentation:

- *Release Note for Cisco Wide Area Application Services*
- *Cisco Wide Area Application Services Command Reference*
- *Cisco Wide Area Application Services Quick Configuration Guide*
- *Cisco Wide Area Application Services Configuration Guide* (this manual)
- *Cisco Wide Area Application Services API Reference*
- *Cisco WAAS Installation and Configuration Guide for Windows on a Virtual Blade*
- *Configuring Cisco WAAS Network Modules for Cisco Access Routers*
- *Regulatory Compliance and Safety Information for the Cisco Content Networking Product Series*
- *Cisco Wide Area Application Engine 511 and 611 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 512 and 612 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 7326 Hardware Installation Guide*
- *Cisco Wide Area Application Engine 7341, 7371, and 674 Hardware Installation Guide*
- *Cisco Network Modules Hardware Installation Guide*
- *Installing the Cisco WAE Inline Network Adapter*
- *Cisco Wide Area Application Services Online Help*
- *Using the Print Utilities to Troubleshoot and Fix Samba Driver Installation Problems*

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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