



Preface

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

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Audience

This command reference is intended for administrators who want to use the command-line interface (CLI) of the Wide Area Application Services (WAAS) software to configure, manage, and monitor WAAS devices on a per-device basis. This guide assumes that the WAAS device is running the WAAS software. The guide provides descriptions and syntax of the WAAS CLI command.

The WAAS CLI allows you to configure, manage, and monitor WAAS devices on a per-device basis through a console connection or a terminal emulation program. The WAAS CLI also allows you to configure certain features that are only supported through the WAAS CLI (for example, configuring LDAP signing on a WAE).

The instructions and examples in this guide describe only those features that can be configured on an individual WAAS device using the WAAS CLI.

In addition to the WAAS CLI, there are three WAAS graphical user interfaces (GUIs) that you access from your browser:

- The WAAS Central Manager GUI allows you to centrally configure, manage, and monitor a WAE or group of WAEs that are registered with the WAAS Central Manager. You also use this GUI to configure, manage, and monitor the WAAS Central Manager, which is the dedicated appliance on which the WAAS Central Manager GUI is running.



Note

When you use the WAAS Central Manager GUI, you have the added capability of centrally configuring settings and policies for groups of WAEs (device groups). When you use the WAAS CLI, you can only configure settings and policies on a per-device basis.

- The WAE Device Manager GUI allows you to remotely configure, manage, and monitor an individual WAE through your browser. In many cases, the same device settings can be found in both the WAE Device Manager GUI and the WAAS Central Manager GUI. For this reason, we strongly recommend that you always configure a WAE from the WAAS Central Manager GUI whenever possible.
- The WAAS Print Services Administration GUI allows you to remotely configure an individual WAAS print server and view a list of active and completed print jobs. You can access the WAAS Print Services Administration GUI from either the WAAS Central Manager GUI or the WAE Device Manager GUI.

The WAAS GUIs are the primary resources for configuration and monitoring WAEs. We strongly recommend that you use the WAAS Central Manager GUI instead of the WAAS CLI, whenever possible. For more information about how to use the WAAS GUIs to configure, manage, and monitor your WAAS devices, see the *Cisco Wide Area Application Services Configuration Guide*.

We recommend that you be familiar with the basic concepts and terminology used in internetworking, in your network topology, and in the protocols that the devices in your network can use. We also recommend that you have a working knowledge of the operating systems on which you are running your WAAS network, such as Microsoft Windows, Linux, or Solaris. This guide is not a tutorial.

Document Organization

This command reference includes the following chapters:

Chapter	Description
Chapter 1, “Using the WAAS Command-Line Interface”	Describes how to use the command-line interface.
Chapter 2, “Cisco WAAS Software Command Summary”	Lists WAAS software commands, providing a brief description of each.
Chapter 3, “CLI Commands”	Provides detailed information for the following types of CLI commands for the WAAS software: <ul style="list-style-type: none"> • Commands you can enter after you log in to the WAAS device (EXEC mode). • Configuration mode commands that you can enter after you log in to the WAAS device, and then access configuration mode and its subset of modes. The description of each command includes: <ul style="list-style-type: none"> • The syntax of the command • Any related commands, when appropriate
Appendix A, “Acronyms and Abbreviations”	Defines the acronyms used in this publication.
“CLI Command Summary by Mode”	Lists each command by command mode.

Document Conventions

This command reference uses these basic conventions to represent text and table information:

Convention	Description
boldface font	Commands, keywords, and button names are in boldface .
<i>italic</i> font	Variables for which you supply values are in <i>italics</i> . Directory names and filenames are also in italics.
screen font	Terminal sessions and information the system displays are printed in <i>screen</i> font.
boldface screen font	Information you must enter is in boldface screen font.
<i>italic screen</i> font	Variables you enter are printed in <i>italic screen</i> font.
plain font	Enter one of a range of options as listed in the syntax description.
^D or Ctrl-D	Hold the Ctrl key while you press the D key.
string	Defined as a nonquoted set of characters. For example, when setting a community string for SNMP to “public,” do not use quotation marks around the string, or the string will include the quotation marks.
Vertical bars ()	Vertical bars separate alternative, mutually exclusive, elements.
{ }	Elements in braces are required elements.
[]	Elements in square brackets are optional.
{ x y z }	Required keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional keywords are grouped in brackets and separated by vertical bars.
[{ }]	Braces within square brackets indicate a required choice within an optional element.



Note

Means *reader take note*. Notes contain helpful suggestions or references to materials not contained 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.

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 Configuration Guide*
- *Cisco Wide Area Application Services Quick Configuration Guide*
- *Cisco Wide Area Application Services Command Reference* (this manual)
- *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 and 7371 Hardware Installation Guide*
- *Cisco Network Modules Hardware Installation Guide*
- *Using the Print Utilities to Troubleshoot and Fix Samba Driver Installation Problems*

The following sections provide sources for obtaining documentation from Cisco Systems.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>