



Preface

This guide includes information on configuring the Cisco Global Site Selector platform (GSS) from the primary GSSM GUI to perform global server load balancing. Certain global server load-balancing tasks require that you use the GUI, other tasks require that you use the CLI. In most cases, you have the option of using either the GUI or the CLI at the primary GSSM. Tasks that require you to use the CLI (configuring sticky groups, for example), are also described in this document.

This preface describes the following topics:

- [Audience](#)
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- [Related Documentation](#)
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- [Obtaining Documentation and Submitting a Service Request](#)

Audience

To use this configuration guide, you should be familiar with the GSS platform hardware. In addition, you should be familiar with basic TCP/IP and networking concepts, router configuration, Domain Name System (DNS), the Berkeley Internet Name Domain (BIND) software or similar DNS products, and your organization's specific network configuration.

How to Use This Guide

This guide includes the following chapters:

Chapter/Title	Description
Chapter 1, Introducing the Global Site Selector	Describes the basic concepts underlying the GSS product as well as important GSS-related terms.
Chapter 2, Configuring Resources	Instructions on organizing resources on your GSS network as locations, regions, and owners.
Chapter 3, Configuring Source Address Lists	Describes the creation and modification of source address lists.
Chapter 4, Configuring Domain Lists	Describes the creation and modification of domain lists.
Chapter 5, Configuring Keepalives	Describes the modification of global keepalive parameters and the creation of shared keepalives.
Chapter 6, Configuring Answers and Answer Groups	Describes the creation of GSS answers and answer groups.
Chapter 7, Building and Modifying DNS Rules	Describes how to construct the DNS rules that govern all global server load balancing on your GSS network.
Chapter 8, Configuring DNS Sticky	Describes how to configure local and global DNS sticky for GSS devices in your network.
Chapter 9, Configuring Network Proximity	Describes how to configure proximity for GSS devices in your network.
Chapter 10, Monitoring GSS Global Server Load-Balancing Operation	Describes the tools that you can use to monitor the status of global load balancing on your GSS network.

Chapter/Title	Description
Appendix A, Primary GSSM Global Server Load-Balancing Error Messages	Describes the primary GSSM global server load-balancing operating error messages.
Appendix B, Sticky and Proximity XML Schema Files	Describes how you can use the two XML schema files, included with the GSS, to describe and validate the sticky XML and proximity XML output files.

Related Documentation

In addition to this document, the GSS documentation set includes the following:

Document Title	Description
<i>Global Site Selector Hardware Installation Guide</i>	Provides information on installing your GSS device and getting it ready for operation. It describes how to prepare your site for installation, how to install the GSS device in an equipment rack, and how to maintain and troubleshoot the system hardware.
<i>Regulatory Compliance and Safety Information for the Cisco Global Site Selector</i>	Provides regulatory compliance and safety information for the GSS platform.
<i>Release Note for the Cisco Global Site Selector</i>	Provides information on operating considerations, caveats, and new CLI commands for the GSS software.
<i>Cisco Global Site Selector Getting Started Guide</i>	Provides information on getting your GSS setup, configured, and ready to perform global server load balancing.

Document Title	Description
<i>Cisco Global Site Selector Administration Guide</i>	Provides the procedures necessary to properly set up, manage, and maintain your GSSM and GSS devices, including login security, software upgrades, GSSM database administration, and logging.
<i>Cisco Global Site Selector CLI-Based Global Server Load-Balancing Configuration Guide</i>	Includes information on configuring the primary GSSM from the CLI to perform global server load balancing.
<i>Cisco Global Site Selector Command Reference</i>	Provides an alphabetical list of all GSS command-line interface (CLI) commands including syntax, options, and related commands. This document also describes how to use the CLI interface.

Symbols and Conventions

This guide uses the following symbols and conventions to emphasize certain information.

Command descriptions use the following conventions:

boldface font	Commands and keywords are in boldface .
<i>italic</i> font	Variables for which you supply values are in <i>italics</i> .
[]	Elements in square brackets are optional.
{ x y z }	Alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string, or the string will include the quotation marks.

Screen examples use the following conventions:

screen font	Terminal sessions and information the system displays are in screen font.
boldface screen font	Information you must enter is in boldface screen font .
<i>italic screen font</i>	Variables for which you supply values are in <i>italic screen font</i> .
→	This pointer highlights an important line of text in an example.
^	The symbol ^ represents the key labeled Control—for example, the key combination ^D in a screen display means hold down the Control key while you press the D key.
< >	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.

Graphical user interface elements use the following conventions:

boldface text	Instructs the user to enter a keystroke or act on a GUI element.
Courier text	Indicates text that appears in a command line, including the CLI prompt.
Courier bold text	Indicates commands and text you enter in a command line.
<i>italic text</i>	Directories and filenames are in <i>italic</i> font.

**Caution**

A caution means that a specific action you take could cause a loss of data or adversely impact use of the equipment.

**Note**

A note provides important related information, reminders, and recommendations.

1. A numbered list indicates that the order of the list items is important.
 - a. An alphabetical list indicates that the order of the secondary list items is important.
- A bulleted list indicates that the order of the list topics is unimportant.
 - An indented list indicates that the order of the list subtopics is unimportant.

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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