



Preface

This guide aids you in setting up and configuring your Cisco Global Site Selector (GSS) and connecting it to the network. After you configure and create your primary GSSM, standby GSSM, and GSS devices to connect to your GSS network, you can begin configuring request routing and global server load balancing.

Certain GSS network management tasks, such as initial device setup, require that you use the command-line interface (CLI) of each GSS device to independently configure the GSS. Other tasks, such as activating GSS devices in the GSS network, require that you use the graphical user interface (GUI) of the primary GSSM to globally configure all GSS devices in a GSS network.

The chapters in this guide describe how to perform the initial setup and configuration tasks of GSS devices in your GSS network. You are instructed to perform the initial setup and configuration tasks at either the CLI of each GSS device or at the GUI of the primary GSSM.



Note

To perform global server load-balancing configuration and monitoring, in most cases you have the option of using either the CLI or the GUI at the primary GSSM. For tasks that you can perform using the CLI or the GUI of the primary GSSM, choosing when to use the CLI or the GUI is a matter of personal or organizational choice. However, not every GSLB configuration and monitoring task is available from the GUI or the CLI of the primary GSSM as outlined in [Table 1-2 of Chapter 1, Using the CLI and GUI to Manage a GSS Network](#).

This preface contains the following sections:

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Audience

To use this guide, you should be familiar with the Cisco Global Site Selector hardware, which is discussed in the *Global Site Selector Hardware Installation Guide*. 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 the specific network configuration of your organization.

How to Use This Guide

This guide includes the following chapters:

Chapter/Title	Description
Chapter 1, Using the CLI and GUI to Manage a GSS Network	Provides an overview on when to use the CLI of each GSS device, the CLI of the primary GSSM, and the GUI of the primary GSSM to setup, configure, or perform global server load balancing and monitoring tasks.
Chapter 2, Configuring the GSS Using the CLI Setup Script	Describes how to use the setup script to configure the GSS device. The setup script initiates automatically when you log in and the GSS does not detect an existing startup-configuration file.

Chapter/Title	Description
Chapter 3, Accessing the GSS CLI	Describes how to access the GSS CLI by making a direct connection to the GSS device using a dedicated terminal or by establishing a remote connection using Telnet or Secure Shell (SSH) from a PC.
Chapter 4, Setting Up Your GSS from the CLI	Describes how to individually configure each GSS device in your GSS network.
Chapter 5, Activating GSS Devices from the GUI	Describes how to activate your standby GSSM and GSS devices from the primary GSSM graphical user interface.
Chapter 6, Activating GSS Devices from the CLI	Describes how to activate GSS devices from the primary GSSM CLI.
Chapter 7, Global Server Load Balancing Summary	Summarizes the individual procedures that you perform from the primary GSSM to configure request routing and global server load balancing on your GSS network.

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>	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 GSS hardware.
<i>Regulatory Compliance and Safety Information for the Cisco Global Site Selector</i>	Regulatory compliance and safety information for the GSS.

Document Title	Description
<i>Release Note for the Cisco Global Site Selector</i>	Information on operating considerations, caveats, and new CLI commands for the GSS software.
<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 GUI-Based Global Server Load-Balancing Configuration Guide</i>	Procedures on how to configure your primary GSSM from the GUI to perform global server load-balancing, such as configuring source address lists, domain lists, answers, answer groups, DNS sticky, network proximity, and DNS rules. This document also provides an overview of the GSS device and global server load balancing as performed by the GSS.
<i>Cisco Global Site Selector CLI-Based Global Server Load-Balancing Configuration Guide</i>	Procedures on how to configure your primary GSSM from the CLI to perform global server load-balancing, such as configuring source address lists, domain lists, answers, answer groups, DNS sticky, network proximity, and DNS rules. This document also provides an overview of the GSS device and global server load balancing as performed by the GSS.
<i>Cisco Global Site Selector Command Reference</i>	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.

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 font</i>	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.
<code>Courier text</code>	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</i> text	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, 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>

