



Preface

This guide provides instructions on how to configure system message logging on the Cisco Application Control Engine (ACE) module for the Catalyst 6500 series switches or a Cisco 7600 series router, hereinafter referred to as the switch or router, respectively. It also provides a list of the system log messages generated by the ACE, numerically by message code and also by severity level.

This preface contains the following major sections:

- [Audience](#)
- [How to Use This Guide](#)
- [Related Documentation](#)
- [Symbols and Conventions](#)
- [Obtaining Documentation, Obtaining Support, and Security Guidelines](#)
- [Open Source License Acknowledgements](#)

Audience

This guide is intended for the following trained and qualified service personnel who are responsible for configuring the ACE:

- Web master
- System administrator
- System operator

How to Use This Guide

This guide is organized as follows:

| Chapter | Description |
|---------------------------------------------------------------|------------------------------------------------------------------|
| Chapter 1, Configuring System Message Logging | Describes how to configure system message logging on the ACE. |
| Chapter 2, System Messages | Lists the ACE system log messages numerically by message code. |
| Chapter 3, Messages Listed by Severity Level | Lists the ACE system log messages numerically by severity level. |

Related Documentation

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

| Document Title | Description |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Release Note for the Cisco 4700 Series Application Control Engine Appliance</i> | Provides information about operating considerations, caveats, and command-line interface (CLI) commands for the ACE. |
| <i>Cisco Application Control Engine Module Hardware Installation Note</i> | Provides information for installing the ACE into the Catalyst 6500 series switch or a Cisco 7600 series router. |
| <i>Cisco Application Control Engine Module Getting Started Guide</i> | Describes how to perform the initial setup and configuration tasks for the ACE. |
| <i>Cisco Application Control Engine Module Administration Guide</i> | Describes how to perform the following administration tasks on the ACE: <ul style="list-style-type: none"> • Setting up the ACE • Establishing remote access • Managing software licenses • Managing the ACE software • Configuring SNMP • Configuring redundancy • Configuring the XML interface • Upgrading the ACE software |
| <i>Cisco Application Control Engine Module Virtualization Configuration Guide</i> | Describes how to operate your ACE in a single context or in multiple contexts. |

| Document Title | Description |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Cisco Application Control Engine Module Routing and Bridging Configuration Guide</i> | <p>Describes how to perform the following routing and bridging tasks on the ACE:</p> <ul style="list-style-type: none"> • Configuring VLAN interfaces • Configuring routing • Configuring bridging • Configuring Dynamic Host Configuration Protocol (DHCP) |
| <i>Cisco Application Control Engine Module Server Load-Balancing Configuration Guide</i> | <p>Describes how to configure the following server load-balancing tasks on the ACE:</p> <ul style="list-style-type: none"> • Real servers and server farms • Class maps and policy maps to load-balance traffic to real servers in server farms • Server health monitoring (probes) • Stickiness • Firewall load balancing • TCL scripts |
| <i>Cisco Application Control Engine Module Security Configuration Guide</i> | <p>Describes how to perform following ACE security configuration tasks:</p> <ul style="list-style-type: none"> • Security access control lists (ACLs) • User authentication and accounting using a Terminal Access Controller Access Control System Plus (TACACS+), Remote Authentication Dial-In User Service (RADIUS), or Lightweight Directory Access Protocol (LDAP) server • Application protocol and HTTP deep packet inspection • TCP/IP normalization and termination parameters • Network address translation (NAT) |
| <i>Cisco Application Control Engine Module SSL Configuration Guide</i> | <p>Describes how to configure the following Secure Sockets Layer (SSL) tasks on the ACE:</p> <ul style="list-style-type: none"> • SSL certificates and keys • SSL initiation • SSL termination • End-to-end SSL |
| <i>Cisco Application Control Engine Module Command Reference</i> | <p>Provides an alphabetical list and descriptions of all CLI commands by mode, including syntax, options, and related commands.</p> |
| <i>Cisco CSM-to-ACE Conversion Tool User Guide</i> | <p>Describes how to use the CSM-to-ACE conversion tool to migrate Cisco Content Switching Module (CSM) running- or startup-configuration files to the ACE.</p> |

| Document Title | Description |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Cisco CSS-to-ACE Conversion Tool User Guide</i> | Describes how to use the CSS-to-ACE conversion tool to migrate Cisco Content Services Switches (CSS) running-configuration or startup-configuration files to the ACE. |
| <i>Cisco Application Control Engine (ACE) Module Troubleshooting Guide, Release A2(x)</i> | Describes the procedures and methodology in wiki format to troubleshoot the most common problems that you may encounter during the operation of your ACE. |

Symbols and Conventions

This publication uses the following conventions:

| Convention | Description |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| boldface font | Commands, command options, and keywords are in boldface . Bold text also indicates a command in a paragraph. |
| <i>italic font</i> | Arguments for which you supply values are in <i>italics</i> . Italic text also indicates the first occurrence of a new term, book title, emphasized text. |
| { } | Encloses required arguments and keywords. |
| [] | Encloses optional arguments and keywords. |
| {x y z} | Required 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 font | Terminal sessions and information the system displays are in <i>screen font</i> . |
| boldface screen font | Information you must enter in a command line is in boldface screen font . |
| <i>italic screen font</i> | Arguments for which you supply values are in <i>italic screen font</i> . |
| ^ | 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. |

Notes use the following conventions:



Note

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

Cautions use the following conventions:

**Caution**

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

Warnings use the following conventions:

**Warning**

Means ***possible physical harm or equipment damage***. A warning describes an action that could cause you physical harm or damage the equipment.

For additional information about CLI syntax formatting, see the *Cisco Application Control Engine Module Command Reference*.

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>

