



Preface

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This guide describes the Cisco Application Networking Manager and explains how to use it to manage your network.

This preface provides information about using this guide. The topics include:

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Audience

This guide is intended for experienced system and network administrators. Depending on the configuration required, readers should have specific knowledge in the following areas:

- Networking and data communications
- Network security
- Router configuration

Organization

This documentation contains the following sections:

- [Chapter 1, “Cisco Application Networking Manager Overview”](#) summaries key features and provides an look into some general topics such as the interface.
- [Chapter 2, “Adding and Managing Devices”](#) describes how to add and manage your supported network devices.
- [Chapter 3, “Configuring Virtual Contexts”](#) describes how to configure virtual contexts on the ACE so that you can effectively and efficiently manage and allocate resources, users, and services.
- [Chapter 4, “Configuring Virtual Servers”](#) contains procedures for configuring virtual servers for load balancing on the ACE.

- [Chapter 5, “Configuring Real Servers and Server Farms”](#) provides an overview of server load balancing and procedures for configuring real servers and server farms for load balancing on the ACE.
- [Chapter 6, “Configuring Stickiness”](#) provides information about sticky behavior and procedures for configuring stickiness with the ANM.
- [Chapter 7, “Configuring Parameter Maps”](#) describes how to configure parameter maps so that the ACE can perform actions on incoming traffic based on certain criteria, such as protocol or connection attributes.
- [Chapter 8, “Configuring SSL”](#) describes how to configure your ACE (both the ACE module and the ACE appliance) as a virtual Secure Sockets Layer (SSL) server for SSL initiation or termination.
- [Chapter 9, “Configuring Network Access”](#) describes how to configure network access using ANM.
- [Chapter 10, “Configuring High Availability”](#) describes how to configure redundancy to ensure that your network remains operational even if one of the ACE devices becomes unresponsive.
- [Chapter 11, “Configuring Traffic Policies”](#) describes how to configure class maps and policy maps to provide a global level of filtering traffic received by or passing through the ACE.
- [Chapter 12, “Configuring Application Acceleration and Optimization”](#) describes how to configure application acceleration and optimization options on the ACE.
- [Chapter 13, “Using Configuration Building Blocks”](#) provides an overview of configuration building blocks and describes how to configure them, tag them for version control, and apply them to virtual contexts.
- [Chapter 14, “Monitoring Your Network”](#) describes the ANM monitoring functions and explains how to configure thresholds and configure alarm notifications.
- [Chapter 15, “Administering the Cisco Application Networking Manager”](#) describes how to administer, maintain, and manage the ANM management system.
- [Chapter 16, “Troubleshooting Cisco Application Networking Manager Problems”](#) describes some procedures and tips on common troubleshooting scenarios.
- [Appendix A, “ANM Ports Reference”](#) identifies the TCP and UDP ports used by the ANM as well as well-known TCP and UDP port numbers and key words.
- [Glossary](#)

Conventions

This document uses the following conventions:

Item	Convention
Commands and keywords	boldface font
Variables for which you supply values	<i>italic</i> font
Displayed session and system information	<code>screen</code> font
Information you enter	boldface screen font
Variables you enter	<i>italic screen</i> font
Menu items and button names	boldface font

Item	Convention
Selecting a menu item in paragraphs	Option > Network Preferences
Selecting a menu item in tables	Option > Network Preferences

**Note**

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

**Caution**

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

Open-Source Software Included in the Cisco Application Networking Manager

- The Cisco Application Networking Manager includes the following open-source software, which is covered by the Apache 2.0 license (<http://www.apache.org/>): Ant, Avalon Logkit, Commons, Ehcache, Jetty, Log4J, Oro, Commons_Logging, Xmlrpc.
- The Cisco Application Networking Manager includes the following open-source software, which is covered by The Legion of the Bouncy Castle (<http://www.bouncycastle.org/licence.html>) license: BouncyCastle.
- The Cisco Application Networking Manager includes the following open-source software, which is covered by the GNU Lesser General Public License Version 2.1 (<http://www.gnu.org/licenses/lgpl.html>): c3p0-0.9.0.2.jar, Enterprise DT, Jasperreports 1.2, Jcommon 1.2, Jfreechart 1.0.1
- The Cisco Application Networking Manager includes the following open-source software, which is covered by the Mozilla Public License Version 1.1 (<http://www.mozilla.org/MPL/MPL-1.1.html>): Itext 1.4.

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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