



Preface

This preface explains the audience, purpose, and organization of the *Perl API Reference Guide for Cisco License Manager*. It also defines the conventions that are used to present instructions and information.

Audience

The *Perl API Reference Guide for Cisco License Manager* is intended for system administrators who install and configure internetworking software and who are familiar with Cisco IOS software or for software developers who plan to create scripts to run Cisco License Manager functions.

Purpose

The *Perl API Reference Guide for Cisco License Manager* provides detailed information about the Perl application programming interface (API) functions used with Cisco License Manager Release 2.0. For additional information on related documentation, see the [“Product Documentation”](#) section on page 3.

Organization

The *Perl API Reference Guide for Cisco License Manager* is organized as follows:

- [Chapter 1, “Getting Started,”](#) provides overview and installation information needed to use the Perl API with Cisco License Manager Release 2.0.
- [Chapter 2, “AuditTrail Management Functions,”](#) provides information about the audit trail management functions.
- [Chapter 3, “Device Group Management Functions,”](#) provides information about the device group management functions.
- [Chapter 4, “Device Management Functions,”](#) provides information about the device management functions.
- [Chapter 5, “Folder Management Functions,”](#) provides information about the folder management functions.
- [Chapter 6, “License Inventory Management Functions,”](#) provides information about the license inventory management functions.

- [Chapter 7, “License Line Management Functions,”](#) provides information about the license line management functions.
- [Chapter 8, “License Manager Class Constructor,”](#) provides information about the Cisco License Manager class constructor.
- [Chapter 9, “Notification Handling Functions,”](#) provides information about the notification handling functions.
- [Chapter 10, “PAK Management Functions,”](#) provides information about the product authorization key (PAK) management functions.
- [Chapter 11, “Policy Management Functions,”](#) provides information about the policy management functions.
- [Chapter 12, “Report Management Functions,”](#) provides information about the report management functions.
- [Chapter 13, “Scheduler Management Functions,”](#) provides information about the scheduler management functions.
- [Chapter 14, “Troubleshooting Utility Functions,”](#) provides information about the troubleshooting utility functions.
- [Chapter 15, “User Login and Logout Functions,”](#) provides information about the user login and logout functions.
- [Chapter 16, “User Management Functions,”](#) provides information about the user management functions.
- [Appendix A, “Helper Modules,”](#) provides information about the helper modules.
- [Appendix B, “Sample Client Program in Perl,”](#) provides a sample client program in Perl.
- [Appendix C, “Access Control,”](#) provides information about the levels of access control in Cisco License Manager, as well as the rules of control.

Conventions

This document uses the conventions listed in [Table 1](#):

Table 1 **Font Conventions**

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



Note

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

**Tip**

Means the following information will help you solve a problem.

Product Documentation

**Note**

We sometimes update the printed and electronic documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

The following table lists the Cisco License Manager Release 2.1 documentation.

Table 2 **Product Documentation**

Document	Location
<i>Home page for Cisco License Manager documentation (all releases)</i>	On Cisco.com at http://www.cisco.com/en/US/products/ps7138/tsd_products_support_series_home.html
<i>Release Notes for Cisco License Manager Release 2.1</i>	On Cisco.com at http://www.cisco.com/en/US/products/ps7138/prod_release_note09186a00808f84de.html
<i>Finding Documentation for Cisco License Manager Release 2.1</i>	<ul style="list-style-type: none"> • Adobe Acrobat PDF on SDK CD • On Cisco.com at http://www.cisco.com/en/US/products/ps7138/products_documentation_roadmap09186a00808f7c00.html (in HTML and PDF format)
<i>User Guide for Cisco License Manager Release 2.1</i>	On Cisco.com at http://www.cisco.com/application/pdf/en/us/guest/products/ps8295/c1626/ccmigration_09186a00808c04d8.pdf
<i>Java API Reference Guide for Cisco License Manager Release 2.1</i>	<ul style="list-style-type: none"> • Adobe Acrobat PDF on SDK CD • On Cisco.com at http://www.cisco.com/en/US/products/ps7138/products_programming_reference_guide_book09186a00808e2dce.html (in HTML and PDF format)
<i>Perl API Reference Guide for Cisco License Manager Release 2.1</i>	<ul style="list-style-type: none"> • Adobe Acrobat PDF on SDK CD • On Cisco.com at http://www.cisco.com/en/US/products/ps7138/products_programming_reference_guide_book09186a00808e2f0e.html (in HTML and PDF format)
Online Help	In the user interface, click Help to display help in a separate window.

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>