



Preface

This document provides instructions for installing and configuring Resource Manager Essentials 4.0.5 (RME) on Solaris.

Audience

This document is for anyone who installs, configures and uses RME software. Network administrators and operators should have these skills:

- Basic Solaris system administrator skills
- Basic network management skills

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
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.

Product Documentation

The following product documentation is available:

**Note**

Although every effort has been made to validate the accuracy of the information in the printed and electronic documentation, you should also review the Resource Manager Essentials documentation on Cisco.com for any updates.

Release Notes for Resource Manager Essentials 4.0.5

- Release Notes for Resource Manager Essentials on Solaris, Software Release 4.0.5.
- Release Notes for Resource Manager Essentials on Windows, Software Release 4.0.5.

These documents are available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- On Cisco.com at http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod_release_notes_list.html

Installation Guide for Resource Manager Essentials 4.0.5

- Installation and Setup Guide for Resource Manager Essentials on Solaris, Software Release 4.0.5.
- Installation and Setup Guide for Resource Manager Essentials on Windows, Software Release 4.0.5.

These documents are available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- On Cisco.com at http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod_installation_guides_list.html

User Guides for Resource Manager Essentials 4.0.5

This document is available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- From the Resource Manager Essentials online help.
- On Cisco.com at http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_user_guide_list.html

Supported Devices Table

- Supported Devices for Resource Manager Essentials
- Supported Devices for Software Management Application
- Supported Devices for Configuration Management Application

These documents are available on Cisco.com at:

http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_device_support_tables_list.html

RME 4.x Troubleshooting Tips and FAQs

This document is frequently updated with latest technical FAQs and troubleshooting tips. It also contains the error messages for the specific device types.

This document is available only on Cisco.com at:

http://www.cisco.com/en/US/products/sw/cscowork/ps2073/prod_troubleshooting_guides_list.html

Context-Sensitive Online Help for Resource Manager Essentials

You can access the online help by selecting an option from the navigation tree, then click **Help** (extreme right corner of your browser window).

**Note**

To view documents in Adobe Portable Document Format (PDF), Adobe Reader 6.0 or later is required.

The RME device package support for RME 4.0.5 is available at install time. You can access the device package help from the Online help. To do so:

Step 1 Select an option from RME desktop and click **Help**.

The Help launches in a separate browser window.

Step 2 Click **Main** at the extreme right corner of the page.

The Help window is refreshed and you see these nodes in the left navigation pane:

- CiscoWorks Common Services
- Resource Manager Essentials

Step 3 Expand the Resource Manager Essentials node.

The following leaf and node appear in the left navigation pane:

- RME User Guide (leaf)
- Device Packages (node)

Step 4 Expand the Device Packages node to view the help for device packages.

Related Documentation

**Note**

Although every effort has been made to validate the accuracy of the information in printed and electronic documentation, you should also review Cisco product documentation on Cisco.com for any updates.

The following additional documentation is available:

Quick Start Guide for LAN Management Solution, Release 2.5.1

This document provides basic requirements for installing, upgrading, and setting up LAN Management Solution (LMS) 2.5.1 so you can get your server up and running quickly. In addition, the document also contains an exhaustive list of documentation for LMS 2.5.1. This document is available in the following formats:

- On Cisco.com at
http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_lan_management_solution/2.5.1/quickstart/guide/lms251qn.html
- As a hard copy with your product.

Data Migration Guide for LAN Management Solution 2.5.1

This document describes the steps involved in backing up, upgrading, and migrating data for CiscoWorks LAN Management Solutions (LMS) 2.5.1.

- On Cisco.com at
http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_lan_management_solution/2.5.1/data_migration/guide/dmg251.html
- As a hard copy with your product.

User Guide for CiscoWorks Server 3.0.3

This document describes CiscoWorks Common Services, gives an overview of the applications that make up Common Services, provides conceptual information about network management, and describes common tasks you can accomplish with CiscoWorks Common Services. This document is available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM and from the CiscoWorks Common Services online help.
Help > Server Configuration > User Guide for Common Services.
- On Cisco.com at
http://www.cisco.com/en/US/docs/net_mgmt/ciscoverks_common_services_software/3.0.3/user_guide/usrguide.html

Installation and Setup Guide for CiscoWorks Common Services 3.0.3

This document describes instructions for installing and configuring CiscoWorks Common Services. This document is available in the following formats:

- On Cisco.com at
http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod_installation_guides_list.html
- PDF on the LMS 2.6 Documentation CD-ROM.

User Guides for Resource Manager Essentials 4.0.3

This document is available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- From the Resource Manager Essentials online help.
- On Cisco.com at
http://www.cisco.com/en/US/docs/net_mgmt/ciscover_resource_manager_essentials/4.0.3/user_guide/u_guide.html

Installation and Setup Guide for Resource Manager Essentials 4.0.3

- Installation and Setup Guide for Resource Manager Essentials on Solaris, Software Release 4.0.3.
- Installation and Setup Guide for Resource Manager Essentials on Windows, Software Release 4.0.3.

These documents are available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- On Cisco.com at
http://www.cisco.com/en/US/products/sw/ciscover/ps2073/prod_release_notes_list.html

Quick Start Guide for LAN Management Solution, Release 2.6

This document provides basic requirements for installing, upgrading, and setting up LAN Management Solution (LMS) 2.6 so you can get your server up and running quickly. In addition, the document also contains an exhaustive list of documentation for LMS 2.6. This document is available in the following formats:

- On Cisco.com at
http://www.cisco.com/en/US/products/sw/ciscover/ps2425/prod_installation_guides_list.html
- As hardcopies with your product.

Data Migration Guide for LAN Management Solution 2.6

This document describes the steps involved in backing up, upgrading, and migrating data for CiscoWorks LAN Management Solutions (LMS) 2.6.

- On Cisco.com at
http://www.cisco.com/en/US/products/sw/ciscover/ps2425/prod_installation_guides_list.html
- As hardcopies with your product.

User Guide for CiscoWorks Server 3.0.5

This document describes CiscoWorks Common Services, gives an overview of the applications that make up Common Services, provides conceptual information about network management, and describes common tasks you can accomplish with CiscoWorks Common Services. This document is available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM
- From the CiscoWorks Common Services online help.
Help > Server Configuration > User Guide for Common Services.
- On Cisco.com at
http://www.cisco.com/en/US/products/sw/ciscover/ps3996/products_user_guide_list.html

Installation and Setup Guide for CiscoWorks Common Services 3.0.5

This document describes instructions for installing and configuring CiscoWorks Common Services. This document is available in the following formats:

- PDF on the LMS 2.6 Documentation CD-ROM.
- On Cisco.com at

http://www.cisco.com/en/US/products/sw/cscowork/ps3996/prod_installation_guides_list.html

Additional Information Online

You can download device packages for new devices by logging into Cisco.com:

<http://www.cisco.com/cgi-bin/tablebuild.pl/cw2000-rme>

You can find information about all supported devices on Cisco.com at these locations:

http://www.cisco.com/en/US/products/sw/cscowork/ps2073/products_device_support_tables_list.html

Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. Cisco also provides several ways to obtain technical assistance and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation at this URL:

<http://www.cisco.com/techsupport>

You can access the Cisco website at this URL:

<http://www.cisco.com>

You can access international Cisco websites at this URL:

http://www.cisco.com/public/countries_languages.shtml

Product Documentation DVD

The Product Documentation DVD is a comprehensive library of technical product documentation on a portable medium. The DVD enables you to access multiple versions of installation, configuration, and command guides for Cisco hardware and software products. With the DVD, you have access to the same HTML documentation that is found on the Cisco website without being connected to the Internet. Certain products also have .PDF versions of the documentation available.

The Product Documentation DVD is available as a single unit or as a subscription. Registered Cisco.com users (Cisco direct customers) can order a Product Documentation DVD (product number DOC-DOCDVD= or DOC-DOCDVD=SUB) from Cisco Marketplace at this URL:

<http://www.cisco.com/go/marketplace/>

Ordering Documentation

Registered Cisco.com users may order Cisco documentation at the Product Documentation Store in the Cisco Marketplace at this URL:

<http://www.cisco.com/go/marketplace/>

Nonregistered Cisco.com users can order technical documentation from 8:00 a.m. to 5:00 p.m. (0800 to 1700) PDT by calling 1 866 463-3487 in the United States and Canada, or elsewhere by calling 011 408 519-5055. You can also order documentation by e-mail at tech-doc-store-mkpl@external.cisco.com or by fax at 1 408 519-5001 in the United States and Canada, or elsewhere at 011 408 519-5001.

Documentation Feedback

You can rate and provide feedback about Cisco technical documents by completing the online feedback form that appears with the technical documents on Cisco.com.

You can submit comments about Cisco documentation by using the response card (if present) behind the front cover of your document or by writing to the following address:

Cisco Systems
Attn: Customer Document Ordering
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

From this site, you will find information about how to:

- Report security vulnerabilities in Cisco products.
- Obtain assistance with security incidents that involve Cisco products.
- Register to receive security information from Cisco.

A current list of security advisories, security notices, and security responses for Cisco products is available at this URL:

<http://www.cisco.com/go/psirt>

To see security advisories, security notices, and security responses as they are updated in real time, you can subscribe to the Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed. Information about how to subscribe to the PSIRT RSS feed is found at this URL:

http://www.cisco.com/en/US/products/products_psirt_rss_feed.html

Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you have identified a vulnerability in a Cisco product, contact PSIRT:

- For Emergencies only—security-alert@cisco.com

An emergency is either a condition in which a system is under active attack or a condition for which a severe and urgent security vulnerability should be reported. All other conditions are considered nonemergencies.

- For Nonemergencies—psirt@cisco.com

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532

**Tip**

We encourage you to use Pretty Good Privacy (PGP) or a compatible product (for example, GnuPG) to encrypt any sensitive information that you send to Cisco. PSIRT can work with information that has been encrypted with PGP versions 2.x through 9.x.

Never use a revoked or an expired encryption key. The correct public key to use in your correspondence with PSIRT is the one linked in the Contact Summary section of the Security Vulnerability Policy page at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

The link on this page has the current PGP key ID in use.

If you do not have or use PGP, contact PSIRT at the aforementioned e-mail addresses or phone numbers before sending any sensitive material to find other means of encrypting the data.

Obtaining Technical Assistance

Cisco Technical Support provides 24-hour-a-day award-winning technical assistance. The Cisco Technical Support & Documentation website on Cisco.com features extensive online support resources. In addition, if you have a valid Cisco service contract, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not have a valid Cisco service contract, contact your reseller.

Cisco Technical Support & Documentation Website

The Cisco Technical Support & Documentation website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day, at this URL:

<http://www.cisco.com/techsupport>

Access to all tools on the Cisco Technical Support & Documentation website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

<http://tools.cisco.com/RPF/register/register.do>

**Note**

Use the Cisco Product Identification (CPI) tool to locate your product serial number before submitting a web or phone request for service. You can access the CPI tool from the Cisco Technical Support & Documentation website by clicking the **Tools & Resources** link under Documentation & Tools. Choose **Cisco Product Identification Tool** from the Alphabetical Index drop-down list, or click the **Cisco Product Identification Tool** link under Alerts & RMAs. The CPI tool offers three search options: by product ID or model name; by tree view; or for certain products, by copying and pasting **show** command output. Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before placing a service call.

Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool provides recommended solutions. If your issue is not resolved using the recommended resources, your service request is assigned to a Cisco engineer. The TAC Service Request Tool is located at this URL:

<http://www.cisco.com/techsupport/servicerequest>

For S1 or S2 service requests, or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553-2447

For a complete list of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/techsupport/contacts>

Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

Severity 1 (S1)—An existing network is down, or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Severity 2 (S2)—Operation of an existing network is severely degraded, or significant aspects of your business operations are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Severity 3 (S3)—Operational performance of the network is impaired, while most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Severity 4 (S4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The *Cisco Product Quick Reference Guide* is a handy, compact reference tool that includes brief product overviews, key features, sample part numbers, and abbreviated technical specifications for many Cisco products that are sold through channel partners. It is updated twice a year and includes the latest Cisco offerings. To order and find out more about the Cisco Product Quick Reference Guide, go to this URL:

<http://www.cisco.com/go/guide>

- Cisco Marketplace provides a variety of Cisco books, reference guides, documentation, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

<http://www.cisco.com/go/marketplace/>

- *Cisco Press* publishes a wide range of general networking, training and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press at this URL:

<http://www.ciscopress.com>

- *Packet* magazine is the Cisco Systems technical user magazine for maximizing Internet and networking investments. Each quarter, Packet delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can access Packet magazine at this URL:

<http://www.cisco.com/packet>

- *iQ Magazine* is the quarterly publication from Cisco Systems designed to help growing companies learn how they can use technology to increase revenue, streamline their business, and expand services. The publication identifies the challenges facing these companies and the technologies to help solve them, using real-world case studies and business strategies to help readers make sound technology investment decisions.

- *Internet Protocol Journal* is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:

<http://www.cisco.com/ipj>

- Networking products offered by Cisco Systems, as well as customer support services, can be obtained at this URL:

<http://www.cisco.com/en/US/products/index.html>

- Networking Professionals Connection is an interactive website for networking professionals to share questions, suggestions, and information about networking products and technologies with Cisco experts and other networking professionals. Join a discussion at this URL:

<http://www.cisco.com/discuss/networking>

- World-class networking training is available from Cisco. You can view current offerings at this URL:

<http://www.cisco.com/en/US/learning/index.html>

