



Product Bulletin No. 364812—Amended

CiscoWorks LAN Management Solution 2.6

PRODUCT OVERVIEW

Cisco Systems® announces the availability of CiscoWorks LAN Management Solution (LMS) 2.6 for Windows and Solaris. Minor update kits for existing CiscoWorks LMS 2.x customers are also being released with new revised pricing. Updates will also be available for download from Cisco.com Software Center for customers with current LMS 2.5.1 software and Software Application Support (SAS) agreements. Please see Table 4 in the Ordering Information section for details.

The CiscoWorks LMS 2.6 release includes significant improvements in reliability, usability, installation, and upgrading from previous LMS releases. It also includes a rollup of all previously released incremental device updates and service packs. Customers who have already upgraded to CiscoWorks LMS 2.5 are strongly encouraged to update their existing product to the CiscoWorks LMS 2.6 release. A bundle-level update will also be posted to Cisco.com for customers with Software Center access. Customers can download and apply these updates to their existing CiscoWorks LMS 2.5 or 2.5.1 systems or choose to request the physical CD-ROMs that come in the minor update kit.

The CiscoWorks LMS 2.6 release is an important milestone in providing network-management tools for simplifying the configuration, performance monitoring, and troubleshooting of Cisco® devices in today's enterprises. It introduces a centralized system for sharing device information across all applications, improves manageability, and allows the management system to adjust to changes more dynamically. CiscoWorks LMS 2.6 also offers a new lightweight desktop interface with improved navigation through application and system setup dashboards and a new improved device selector that facilitates rapid navigation between tools that can be modified to individual workflow needs. CiscoWorks LMS 2.6 utilizes security information maintained in a Cisco Secure Access Control Server (ACS) or solution engine appliance to simplify the management of user privileges. Cisco Secure ACS integration provides flexibility in defining user roles and supports secured user views of specific devices, groups of devices, or by geographic or logical network segments. Significant improvements in performance, such as multithreading background tasks, have reduced the time needed to deliver updates to the network and to generate reports. Efficient task processing and its shared database of managed devices allow CiscoWorks LMS 2.6 to be deployed into larger networks.

With the CiscoWorks LMS 2.6 release, there are two purchasing options for customers. The CiscoWorks LMS Large Enterprise package is designed to manage a large number of Cisco network devices and supports the deployment of individual components on separate servers. The CiscoWorks LMS Enterprise package comes with a 300-device limited license appropriate for smaller enterprises or when there is a need to deploy multiple copies of CiscoWorks LMS to branch or regional locations. Both package options feature a new user-registration process that results in a license key being sent by e-mail during installation. The complete collection of applications in CiscoWorks LMS 2.6 provides the foundation for managing the most critical component of the network, its infrastructure.

CiscoWorks LMS 2.6 includes:

- CiscoWorks Device Fault Manager (DFM) 2.0.6*
- CiscoWorks Campus Manager 4.0.6*
- CiscoWorks Resource Manager Essentials (RME) 4.0.5*
- CiscoWorks Internetwork Performance Monitor (IPM) 2.6
- CiscoWorks CiscoView 6.1.5*
- CiscoWorks Common Services 3.0.5*

Note: The versions of the CiscoWorks LMS 2.6 applications delivered in the new, upgrade and update packaging will contain Windows and Solaris versions from the previous CiscoWorks LMS 2.5.1 release. In addition to these application CDs, the packaging will also include a CiscoWorks LMS 2.6 Bundle-Level Update CD that will install updates to each application and revise its version level to those represented in the preceding bulleted list. For more details, please see the CiscoWorks LMS 2.6 Q&A under the Product Literature section at <http://www.cisco.com/go/lms>.

Table 1 lists the features of CiscoWorks LMS 2.6.

Table 1. CiscoWorks LAN Management Solution 2.6 Features

Feature	Description
Device fault management	CiscoWorks DFM provides real-time fault detection, analysis, and reporting using device knowledge and fault rules based on Cisco best practices for each device.
Campus management	CiscoWorks Campus Manager includes a robust set of Layer 2 tools for device and connectivity discovery, detailed topology views, virtual LAN/LAN Emulation (VLAN/LANE) and ATM configuration, end-station tracking, Layer 2 and 3 path analysis, and IP phone user and path information.
Resource management	CiscoWorks RME provides tools for managing Cisco devices using inventory and device change management, network-configuration and software-image management, and network-availability and syslog analysis.
Graphical device management	CiscoWorks CiscoView provides back- and front-panel displays of devices in a dynamic, color-coded graphical display. This tool simplifies device-status monitoring, device-specific component diagnostics, and application launching.
WAN performance	CiscoWorks IPM is a network response-time and availability troubleshooting application. This tool empowers network engineers to proactively troubleshoot network performance using real-time and historical reports.
Common services	CiscoWorks Common Services provides for a common management desktop experience and services for securing access to all CiscoWorks applications. Facilities include a foundation for integrating with other Cisco and third-party applications.

NEW FEATURES

The new features of CiscoWorks LMS 2.6 broaden the solution choices for small or large enterprise and service provider customers. Its enhancements focus on the important areas of network security, performance, scalability, and improved navigation and usability. Additionally, CiscoWorks LMS 2.6 offers new packaging and licensing options with support for newer versions of operating systems and browsers.

New features in CiscoWorks LMS 2.6 include:

- New device selector—The CiscoWorks device selector has been “retooled” to improve overall usability based on customer feedback. Some of the new features include:
 - Device selector configurations can be made per user, thus making device selection quick and easy.
 - Advanced search feature to simplify device selection
 - Group selector option for improved reporting tasks
- Improved application dashboards—New application dashboards have been created to provide easier navigation into commonly used functions as well as providing important up-to-date information in a single view.
- Single setup page—A single setup page is now available to enter all setup parameters, reducing the need to search extensively for administrative settings to configure the CiscoWorks environment.
- New performance tuning options for RME—Optional system-tuning parameters can be used to improve the overall performance of RME based on CiscoWorks server settings.

UPGRADE OPTIONS

CiscoWorks LMS 2.6 offers two upgrade programs. Tables 2 and 3 provide information on upgrade paths available to customers currently using specific older versions of CiscoWorks LMS or related products such as CiscoWorks Routed WAN (RWAN) Management Solution

or CiscoWorks Small Network Management Solution (SNMS). CiscoWorks LMS 2.6 introduces user registration and serial key licensing. The prerequisites listed in the following update and upgrade options are enforced through CiscoWorks LMS licensing, and customers may be asked to provide evidence of the prerequisite product to successfully complete the CiscoWorks LMS 2.6 installation.

Table 2. CiscoWorks LMS 2.1, 2.2, 2.5, and 2.5.1 to CiscoWorks LMS 2.6 Minor Update Options

User's Current Release	CiscoWorks LMS Service Contract	What to Order for CiscoWorks LMS 2.5.1
CiscoWorks LMS 2.1 or 2.2	Yes	Customers can request minor release update kits at no charge from the Cisco Product Upgrade Tool at www.cisco.com/upgrade Customers with CiscoWorks LMS 2.1 or 2.2 should request the CWLMS-2.6-URSRL-K9 Service Release kit from the list on the Product Upgrade Tool. Requires a Cisco LMS 2.1 or 2.2 Software Application Support (SAS) service contract
CiscoWorks LMS 2.1 or 2.2	No	Customers can order minor release update kits using normal Cisco sales channels. Customers with CiscoWorks LMS 2.1 or 2.2 can order either the CWLMS-2.6-RMRL-K9 Minor Release update kit (300 device restricted license) or the CWLMS-2.6-URMRL-K9 Minor Release update kit (unrestricted device license). Note: LMS 2.6 Minor Release update kit pricing has been increased to reflect current industry standards and align more with LMS support contract pricing. Applicable for LMS 2.1 or 2.2 customers without a Cisco Software Application Support (SAS) service contract
CiscoWorks LMS 2.5 or 2.5.1	Yes	Customers can request minor update kits at no charge from the Cisco Product Upgrade Tool at www.cisco.com/upgrade . Customers with CiscoWorks LMS 2.5 or 2.5.1 (300-device restricted licenses) should request the CWLMS-2.6-RSR-K9 Service Release update kit from the list on the Product Upgrade Tool. Customers with CiscoWorks LMS 2.5 or 2.5.1 (unrestricted device licenses) should request the CWLMS-2.6-URSR-K9 Service Release update kit from the list on the Product Upgrade Tool. Note: These updates assume that LMS 2.5 and 2.5.1 customers have already registered their Product Authorization Keys (PAKs) and received permanent serial license keys. These service release packages do not contain Claim Certificates with PAKs. Requires a Cisco LMS 2.5 or 2.5.1 Software Application Support (SAS) service contract.
CiscoWorks LMS 2.5 or 2.5.1	No	Customers can order minor update kits using normal Cisco Sales Channels. Customers with CiscoWorks LMS 2.5 or 2.5.1 (300-device restricted licenses) can order the CWLMS-2.6-RMR-K9 Minor Release update kit. Customers with CiscoWorks LMS 2.5 or 2.5.1 (unrestricted device licenses) can order the CWLMS-2.6-URMR-K9 Minor Release update kit. Note: These updates assume that the LMS 2.5 and 2.5.1 customers have already registered their Product Authorization Keys (PAKs) and received permanent serial license keys. These minor release update kits do not contain Claim Certificates with PAKs. Also, LMS 2.6 Minor Release update kit pricing has been increased to reflect current industry standards and align more with LMS support contract pricing. Applicable for LMS 2.5 or 2.5.1 customers without a Cisco Software Application Support (SAS) service contract.

Table 3. CiscoWorks LMS 1.x, 2.0, RWAN 1.x, and SNMS 1.x Upgrade Options

User's Current Release	User Wants	What to Order for CiscoWorks LMS 2.6
CiscoWorks LMS 1.x, 2.0, RWAN 1.x, or SNMS 1.x	CiscoWorks LMS 2.6 Enterprise (300-device restricted)	CWLMS-2.6-RUP-K9 (Major upgrade to CiscoWorks LMS 2.6 Enterprise, 300-device restricted license; for Windows and Solaris server systems)
CiscoWorks LMS 1.x, 2.0, RWAN 1.x	CiscoWorks LMS 2.6 Large Enterprise (unrestricted device license)	CWLMS-2.6-URUP-K9 (Major upgrade to CiscoWorks LMS 2.6 Large Enterprise, unrestricted device license; for Windows and Solaris server systems)
CiscoWorks LMS 2.6 Enterprise (300-device restricted license)	CiscoWorks LMS 2.6 Large Enterprise (unrestricted device license)	CWLMS-2.6-RCONV-K9 (Conversion upgrade from CiscoWorks LMS 2.6 Enterprise to CiscoWorks LMS 2.6 Large Enterprise, unrestricted device license; for Windows and Solaris server systems) Note: Conversion pricing has been corrected to align with the value equal to new purchases of the CiscoWorks LMS 2.6 Large Enterprise package.

PRICING AND AVAILABILITY

CiscoWorks LMS 2.6 Minor Release update kit pricing has been increased. The purchase of these minor release update kits is applicable only for those customers who want to update their current LMS systems to version 2.6 and who do not have a current LMS 2.1, 2.2, 2.5, or 2.5.1 support contract. The new pricing does not affect orders placed prior to the CiscoWorks LMS 2.6 orderability date. CiscoWorks LMS 2.6 and associated minor release update kits will begin shipping on October 2, 2006. Customers can order these new products through normal Cisco sales channels as of September 22, 2006.

ORDERING INFORMATION

Table 4 lists ordering information for CiscoWorks LMS 2.6.

Table 4. Ordering Information

Part Number	Description
CWLMS-2.6-UR-K9	CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris, with unrestricted device license and one server-installation license.
CWLMS-2.6-R-K9	CiscoWorks LMS 2.6 Enterprise for Windows and Solaris, with 300-device restricted license and one server-installation license.
CWLMS-2.6-URUP-K9	Upgrade from CiscoWorks LMS 1.x, LMS 2.0, or RWAN 1.x to CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris server systems with unrestricted device license and one server-installation license. (Note: CiscoWorks SNMS 1.x customers must upgrade to CiscoWorks LMS 2.6 Enterprise through part number CWLMS-2.6-RUP-K9 before purchasing the conversion upgrade to CiscoWorks LMS 2.6 Large Enterprise through part number CWLMS-2.6-RCONV-K9.)
CWLMS-2.6-RUP-K9	Upgrade from CiscoWorks LMS 1.x, LMS 2.0, RWAN 1.x, and SNMS 1.x to CiscoWorks LMS 2.6 Enterprise for Windows and Solaris server systems with 300-device restricted license and one server-installation license.
CWLMS-2.6-RCONV-K9	Upgrade from CiscoWorks LMS 2.6 Enterprise to CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris server systems with unrestricted device license and one server-installation license.
CWLMS-2.6-RMRL-K9	Minor release update kit for existing CiscoWorks LMS 2.1 and 2.2 releases to CiscoWorks LMS 2.6 Enterprise for Windows and Solaris server systems with 300-device restricted license and one server-installation license.
CWLMS-2.6-URMRL-K9	Minor release update kit for existing CiscoWorks LMS 2.1 and 2.2 releases to CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris server systems with unrestricted device license and one server-installation license.
CWLMS-2.6-RMR-K9	Minor release update kit for existing CiscoWorks LMS 2.5 and 2.5.1 releases to CiscoWorks LMS 2.6 Enterprise for Windows and Solaris server systems with 300-device restricted license and one server-installation license. No Claim Certificate and Product Authorization Key (PAK) are included in this kit.
CWLMS-2.6-URMR-K9	Minor release update kit for existing CiscoWorks LMS 2.5 and 2.5.1 releases to CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris server systems with unrestricted device license and one server-installation license. No Claim Certificate and Product Authorization Key (PAK) are included in this kit.
CON-SAS-LMS2.6UR	Software Application Support (SAS) for CiscoWorks LMS 2.6 Large Enterprise for Windows and Solaris server systems with unrestricted device license. Provides Cisco Technical Assistance Center (TAC) support, Cisco.com Software Center access, and minor updates. Customers with LMS 2.5 or 2.5.1 can order SAS using CON-SAS-CWLMS25U in order to obtain a no-charge entitlement update to LMS 2.6 through the Cisco Product Upgrade Tool.
CON-SAS-LMS26R	Software Application Support (SAS) for CiscoWorks LMS 2.6 Enterprise for Windows and Solaris server systems with 300-device restricted license. Provides Cisco TAC support, Cisco.com Software Center access, and minor updates. Customers with LMS 2.5 or 2.5.1 can order SAS using CON-SAS-CWLMS25R in order to obtain a no-charge entitlement update to LMS 2.6 through the Cisco Product Upgrade Tool.

Note: Interim patches and bundle-level updates are available for the components listed. Please check the Cisco.com Software Center at <http://www.cisco.com/kobayashi/sw-center/cw2000/lan-planner.shtml> (Cisco.com login is required to view this content).

FOR MORE INFORMATION

For more information about the CiscoWorks LAN Management Solution, visit <http://www.cisco.com/go/lms> or contact your local Cisco sales representative or send an e-mail to the Product Marketing group at lms-pm@cisco.com.



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the **Cisco.com Website at www.cisco.com/go/offices.**

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia • Cyprus • Czech Republic
Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland • Israel • Italy
Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland • Portugal
Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden
Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

Copyright © 2006 Cisco Systems, Inc. All rights reserved. CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, Packet, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, SlideCast, SMARTnet, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0601R)