

## CiscoWorks LAN Management Solution 3.0.1

Cisco® announces the availability of CiscoWorks LAN Management Solution (LMS) 3.0.1 for Windows and Solaris. Although this is a maintenance release, it introduces significant new features along with continued improvements in reliability, usability, and performance.

CiscoWorks LMS provides network management tools for simplifying the configuration, performance monitoring, and troubleshooting of Cisco networking devices. A new improved network desktop portal called CiscoWorks LMS Portal provides new ways of viewing and launching network management functionality with the added flexibility of allowing users the ability to configure and build their own homepage. The CiscoWorks Assistant workflow module brings a diverse set of functions together for quick isolation and troubleshooting of network-related problems. In addition to the new portal and workflow engine, there are many new features that are being introduced in each of the CiscoWorks LMS application areas.

### New Features

CiscoWorks LMS 3.0.1 provides significant new features as a bundle and within each specific application area. A summary of existing LMS 3.0–related bundle-level features are listed in Table 1, and new features provided in the LMS 3.0.1 maintenance update can be found in Table 2. For information on the new application features of CiscoWorks LMS 3.0, please refer to the respective application data sheet for more details.

**Table 1.** CiscoWorks LAN Management Solution 3.0 Bundle-Level Features

Feature	Description
<b>CiscoWorks LMS Portal</b>	A new portal framework that provides customers with three new views from their browsers: <ul style="list-style-type: none"> <li>• System administration view: Highlights application status, job status, log file information, backup/restore status, and other system and application-level details; provides network administrators more flexibility in defining what is most critical for them to monitor</li> <li>• Network administrator view: Provides links and up-to-date status on network device issues and troubleshooting</li> <li>• Functional view: Similar to the current CiscoWorks LMS network desktop's functional view; provides a list of installed applications and their corresponding modules</li> </ul>
<b>CiscoWorks Assistant</b>	A new set of workflows for simplifying CiscoWorks LMS setup in both single and multiserver deployments and for quickly isolating and troubleshooting device down, link down issues
<b>Device Credential Repository enhancements</b>	The Device Credential Repository (DCR) now supports the ability to define multiple credentials for a single device.
<b>Cisco Secure Access Control Server integration</b>	The integration of CiscoWorks LMS with Cisco Secure Access Control Server helps in securing granular user roles and device access.

**Table 2.** CiscoWorks LAN Management Solution 3.0.1 Maintenance Update Features

Feature	Description
<b>Simple Network Management Protocol Version 3 (SNMPv3) AuthPriv</b>	SNMPv3 authPriv credentials introduced in this release (with exception of Device Fault Manager). Supported authentication algorithms include MD5 and SHA-1 and supported privacy algorithms include DES, 3DES, AES128, AES192, AES256.
<b>Virtual Switching System (VSS)</b>	Support for Cisco Catalyst® 6500 Virtual Switching System that facilitates innovative network system virtualization
<b>Power over Ethernet (PoE)</b>	PoE report shows information about maximum power, allocated power, and port administration status.
<b>Next-generation discovery</b>	In addition to Cisco Discovery Protocol, the following discovery protocols are added to LMS: Ping sweep with range, Border Gateway Protocol (BGP), Address Resolution Protocol (ARP), Hot Standby Router Protocol (HSRP), Open Shortest Path First Protocol (OSPF), Routing Table, and Cluster Discovery Module.
<b>VMWare support</b>	Support for VMWare ESX Server
<b>Enhanced reporting</b>	Improved reporting capability for modules with cached capability for reporting on end of service/end of life

All CiscoWorks LMS 3.0.1 applications now ship on a set of four DVDs, one set for Solaris installations and the other for Windows installations. Both Solaris and Windows installation DVDs are provided in the package so customers can choose which operating system version to install. The CiscoWorks LMS application versions, once the LMS 3.0.1 Update is applied, are as follows:

- CiscoWorks Device Fault Manager (DFM) 3.0.2
- CiscoWorks Campus Manager 5.0.2
- CiscoWorks Resource Manager Essentials (RME) 4.1.1
- CiscoWorks Internetwork Performance Monitor (IPM) 4.0.1
- CiscoWorks CiscoView 6.1.7
- CiscoWorks Common Services 3.1.1
- CiscoWorks LMS Portal 1.0.1
- CiscoWorks Assistant 1.0.1

For more details on each application's features and functions, please refer to the CiscoWorks LMS 3.0 bundle-level and application-specific data sheets located at <http://www.cisco.com/go/lms>.

### **CiscoWorks Health and Utilization Monitor 1.0 90-day evaluation software included**

A promotional 90-day evaluation version of the newly announced CiscoWorks Health and Utilization Monitor (HUM) 1.0 will be included in the physical service release kit for customers to evaluate and determine if they want to add this functionality to their network management solution. HUM 1.0 seamlessly integrates with LMS 3.0.1 and provides comprehensive availability, utilization-level monitoring, and historical reporting of network element MIB attributes such as CPU, memory, interfaces, ports, and links. More information on HUM 1.0 along with ordering information can be found in the Product Literature section under Product Bulletins at <http://www.cisco.com/go/hum>.

### **Data Migration and Upgrade Assistance**

Data migration from previous CiscoWorks LMS 2.x versions is supported. For details on migrating device and network information from previous CiscoWorks LMS 2.x versions, please refer to the CiscoWorks LMS 3.0 Data Migration Guide at [http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod_installation_guides_list.html).

### **Product Updates and Availability**

Existing LMS 3.0 customers with a current Cisco Software Application Support (SAS) contract can either request a physical service release kit through the Cisco Product Upgrade Tool at [www.cisco.com/upgrade](http://www.cisco.com/upgrade) or download the LMS 3.0.1 (December 2007) software update from Cisco.com Software Center at <http://www.cisco.com/kobayashi/sw-center/cw2000/lan-planner.shtml>.

For LMS 2.x customers, CiscoWorks LMS 3.0.1 is not offered as an entitled upgrade kit under Cisco SAS contracts; therefore, customers interested in the new features of CiscoWorks LMS 3.0.1 will need to purchase this release as a new and continued investment in CiscoWorks LMS. The announcement of end of sale and end of life of the CiscoWorks LMS 2.6 release was made on September 26, 2007. Product orderability for the CiscoWorks LMS 2.6 release will be turned off on June 11, 2008. Customer-known defects and device support will continue to be supported as specified in the Cisco end-of-sale and end-of-life product bulletin.

For more details, please refer to the end-of-sale and end-of-life announcement for CiscoWorks LMS 2.6 at: [http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod\\_eol\\_notices\\_list.html](http://www.cisco.com/en/US/products/sw/cscowork/ps2425/prod_eol_notices_list.html).

CiscoWorks LMS 3.0.1 will begin shipping on January 2, 2008. Customers can order these new products through normal Cisco sales channels as of December 17, 2007.

### Ordering Information

CiscoWorks LMS 3.0.1 is ordered using a “size-based” licensing model where customers can order the CiscoWorks LMS product that best fits their network and device support needs. Whether you have 100 or 25,000 Cisco devices, ordering CiscoWorks LMS 3.0.1 to fit your network requirements is easy and simple. Order the appropriate part number from Table 2 based on the number of Cisco devices to be managed.

**Table 3.** CiscoWorks LAN Management Solution 3.0 Ordering Information

Part Number	Description
<b>CWLMS-3.0-100-K9</b>	CiscoWorks LMS 3.0.1 for 100 or fewer Cisco network devices. All applications can be installed and run on a single server. Due to the size of network managed with this device-restricted license of CiscoWorks LMS, installation software for the Windows operating system is provided.
<b>CWLMS-3.0-300-K9</b>	CiscoWorks LMS 3.0.1 for up to 300 Cisco network devices. All applications can be installed and run on a single server. Installation DVDs for Windows and Solaris operating systems provided.
<b>CWLMS-3.0-1.5K-K9</b>	CiscoWorks LMS 3.0.1 for up to 1500 Cisco network devices. All applications can be installed and run on a single server. Installation DVDs for Windows and Solaris operating systems provided.
<b>CWLMS-3.0-5K-K9</b>	CiscoWorks LMS 3.0.1 for up to 5000 Cisco network devices. If installing all CiscoWorks LMS applications, a multiserver deployment will be required. Installation DVDs for Windows and Solaris operating systems provided.
<b>CWLMS-3.0-10K-K9</b>	CiscoWorks LMS 3.0.1 for up to 10,000 Cisco network devices. If installing one or more CiscoWorks LMS applications, a multiserver deployment will be required. Installation DVDs for Windows and Solaris operating systems provided.

**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>.

### Service and Support

Cisco offers a wide range of services programs to accelerate customer success. These innovative services programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you to protect your network investment, optimize network operations, and prepare the network for new applications to

extend network intelligence and the power of your business. For more information about Cisco services, see [Cisco Technical Support Services](#) or [Cisco Advanced Services](#).

### For More Information

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



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