

Cisco Prime LAN Management Solution 4.1

PB652697

Cisco Prime LAN Management Solution (LMS) delivers powerful network lifecycle management by simplifying the configuration, administration, monitoring, and troubleshooting of Cisco networks. This innovative solution offers end-to-end management for business critical technologies and services, such as, medianet, TrustSec, and EnergyWise. Cisco Prime LMS 4.1 improves the overall user experience and continues to provide new workflows that are built on functional partitioning and that align the product with the way network operators do their jobs. Once installed, prepackaged monitoring and troubleshooting dashboards provide actionable information to quickly isolate and fix network problems before they affect services.

Configuring and deploying updates to the network has never been easier with the Template Center, which now incorporates Cisco Smart Business Architecture (SBA) templates that are based upon Cisco Validated Designs, simplifying platform and technology rollout and reducing the chance for errors. Work Centers provide a single area where guided workflows give step-by-step instructions to help operators quickly provision, monitor, and manage new Cisco value-added technologies and solutions, such as medianet, EnergyWise, TrustSec/Identity, Auto Smartports, and Smart Install.

New Features

Cisco Prime LMS 4.1 comes with a new Cisco Prime user experience that promotes real-time actionable information with an intuitive set of predefined dashboards. In addition to the functionality delivered in previous versions of LMS, significant new enhancements and features are being delivered in the LMS 4.1 release. A summary of the new functional areas can be found in Table 1. For detailed information on the features of Cisco Prime LMS 4.1, please refer to the product data sheet and the “Getting Started” section of the LMS 4.1 user documentation, which can be found at <http://www.cisco.com/go/lms>.

Table 1. Cisco Prime LAN Management Solution 4.1 New Functions and Benefits

Features	Functions	Benefits
Work Centers	<ul style="list-style-type: none"> • Medianet Work Center for Day 1-to-N network support of medianet services • Enhanced EnergyWise Work Center that better uses EnergyWise software development kits (SDKs) and improves usability • TrustSec/Identity Work Center to support MAC Security and Security Group Access (SGA) configuration • Enhanced Smart Install Work Center to support the latest developments in the technology 	<ul style="list-style-type: none"> • Simplify deployment and management of medianet endpoints and network services • Realize energy cost savings faster through new EnergyWise enhancements; leverage EnergyWise to manage EnergyWise-capable PCs and smart IP phones • Leverage advances in Cisco security services more quickly and effortlessly
Configuration	<ul style="list-style-type: none"> • Cisco Smart Business Architecture templates 	<ul style="list-style-type: none"> • More quickly and reliably utilize Cisco best practices

Features	Functions	Benefits
Troubleshooting	<ul style="list-style-type: none"> Smart Interaction for contextual Cisco Service Request creation and Cisco Support Community searches 	<ul style="list-style-type: none"> Delivers personalized integrated self-help tools that speed the resolution of network problems, outages, and trouble tickets Empowers IT departments to self-diagnose and resolve problems more quickly and efficiently
Usability	<ul style="list-style-type: none"> Cisco Prime user interface Device center enhancements 	<ul style="list-style-type: none"> Improved usability Fast and easy access to quickly launch other tools for problem isolation and remediation
Network discovery	<ul style="list-style-type: none"> Link Layer Discovery Protocol (LLDP)-based network discovery 	<ul style="list-style-type: none"> Improves auto discovery of Cisco devices and other third-party devices running LLDP
Platform support	<ul style="list-style-type: none"> LMS Virtual Appliance 	<ul style="list-style-type: none"> Improves time to deploy and reduces errors associated with installation for a quick error-free implementation Takes away the OS dependencies and reduces operational overhead of the underlying OS
Licensing	<ul style="list-style-type: none"> Incremental license support 	<ul style="list-style-type: none"> Minimal initial investment Ability to incrementally add additional licenses to accommodate network growth

New Licensing Structure

Cisco Prime LMS uses a size-based licensing model where pricing is based upon the number of managed devices. Cisco Prime LMS 4.1 now supports an incremental license model to accommodate the needs of growing businesses. Customers no longer have to purchase a discrete license tier larger than their actual needs, or budget for large jumps from one tier to the next. New part numbers are being introduced to provide better linearity in sizing and support for incremental licenses. Refer to Table 2, Table 3 and Table 4 for details.

Product Upgrades and Data Migration

Upgrades are available for existing 2.x and 3.x LMS customers at a substantial discount to help protect prior investment made in CiscoWorks LMS. New purchased licenses (Product Authorization Keys [PAKs]) will be issued for all upgrade orders, and customers will be required to register and apply these new license keys to their servers once the Cisco Prime LMS 4.1 software is installed.

Migrating data to LMS 4.1:

- LMS 4.1 supports local upgrade or direct inline upgrade only from LMS 4.0 and LMS 4.0.1
- LMS 3.2, and LMS 3.2 SP1 customers can do remote upgrade through LMS back and restore mechanism
- LMS 3.1, LMS 3.0, LMS 3.0 December 2007 Update, LMS 2.6 and LMS 2.6 Service Pack 1 customers need to do a remote upgrade to LMS 4.0 and then install LMS 4.1

Product Availability and Updates

Cisco Prime LMS 4.1 will be available for ordering on August 8, 2011. Cisco Prime LMS 4.1 is a minor product release and is covered under existing Software Application Support (SAS) contracts. End of sale will be announced for the CiscoWorks LMS 4.0 and LMS 4.0.1 products once Cisco Prime LMS 4.1 is available. The CiscoWorks LMS 4.0 product will continue to be sold for a minimum of six months as per Cisco policy. For more information refer to the CiscoWorks LMS 4.0 end-of-sales announcement.

Note: With the introduction of the Linux-based Virtual Appliance in this release, future releases of Cisco Prime LMS will no longer include support for Solaris operating systems. It is highly recommended that customers using the Solaris version of this product consider validating the Virtual Appliance version to facilitate future transition.

Ordering Information

Cisco Prime LMS 4.1 uses a size-based incremental licensing model. Whether you have 50 or 10,000 Cisco devices, ordering Cisco Prime LMS 4.1 to fit your network requirements is easy and simple. Order the appropriate part number from Tables 2 through 6 based on the number of Cisco devices to be managed. Device licenses can be combined and added when applied to a single server installation instance. Customers have the option of adding incremental licenses for additional devices as their network grows. The maximum number of devices supported on a single server deployment is 5000; any increment may be purchased up to the 5000 device limit. Customers who purchase licenses for 10,000 devices have the option of distributing this single license over a multiserver deployment as long as the total device count does not exceed 10,000 devices. For more information or questions, refer to the Cisco Prime LAN Management Solution 4.1 Q&A or contact your local Cisco representative.

Table 2. Cisco Prime LAN Management Solution 4.1 Base Kit Ordering Information

Part Number	Description
LMS-4.1-50-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 50 Cisco network devices.
LMS-4.1-100-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 100 Cisco network devices.
LMS-4.1-500-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 500 Cisco network devices.
LMS-4.1-1K-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 1000 Cisco network devices.
LMS-4.1-2.5K-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 2500 Cisco network devices.
LMS-4.1-5K-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with Product Authorization Key. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 5000 Cisco network devices.
LMS-4.1-10K-K9	Physical Cisco Prime LAN Management Solution 4.1 software base kit and paper claim certificate with PAK. Includes installation DVDs for Windows, Solaris, and Virtual Appliance for up to 10,000 Cisco network devices.

Table 3. Cisco Prime LAN Management Solution 4.1 Electronic Software and License Ordering Information

Part Number	Description
R-LMS-4.1-50-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 50 Cisco network devices.
R-LMS-4.1-100-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 100 Cisco network devices
R-LMS-4.1-500-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 500 Cisco network devices
R-LMS-4.1-1K-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 1000 Cisco network devices
R-LMS-4.1-2.5K-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 2500 Cisco network devices
R-LMS-4.1-5K-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 5000 Cisco network devices
R-LMS-4.1-10K-K9	Cisco Prime LAN Management Solution 4.1 eDelivery of software base kit and license for up to 10,000 Cisco network devices

Table 4. Cisco Prime LAN Management Solution 4.1 Additive License Ordering Information

Part Number	Description
L-LMS-4.1-50-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 50 more devices. Software base kit required.
L-LMS-4.1-100-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 100 more devices. Software base kit required.

Part Number	Description
L-LMS-4.1-500-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 500 more devices. Software base kit required.
L-LMS-4.1-1K-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 1000 more devices. Software base kit required.
L-LMS-4.1-2.5K-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 2500 more devices. Software base kit required.
L-LMS-4.1-5K-ADD	Cisco Prime LAN Management Solution 4.1 Add-on eDelivery license for 5000 more devices. Software base kit required.

Minor update kits are available for customers who are currently on CiscoWorks LMS 4.0 and wish to update to Cisco Prime LMS 4.1. These SKUs are available as physical media or digitally available via eDelivery. For information on support entitlements, go to the Product Upgrade Tool (PUT) at <http://www.cisco.com/upgrade>.

Table 5. CiscoWorks LAN Management Solution 4.0/4.0.1 to Cisco Prime LAN Management Solution 4.1 Minor Release Update Information

Part Number	Description
LMS41-50-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 Small Business Edition to Cisco Prime LMS 4.1 for managing 50 devices. Includes installation DVDs for Windows, Solaris, and Virtual Appliance.
LMS41-100-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 100 devices.
LMS41-300-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 300 devices.
LMS41-750-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 750 devices.
LMS41-1.5K-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 1500 devices.
LMS41-2.5K-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 2500 devices.
LMS41-5K-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 5000 devices.
LMS41-10K-MR-K9	Physical software and paper claim certificate with new PAK for updating from LMS 4.0 to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 10,000 devices.
R-LMS41-50-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 Small Business Edition to Cisco Prime LMS 4.1 for 50 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-100-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 100 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-300-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 300 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-750-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 750 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-1.5K-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 1500 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-2.5K-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 2500 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-5K-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 5000 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-10K-MR-K9	eDelivery of software and digital PAK ID for updating from LMS 4.0 to Cisco Prime LMS 4.1 for 10,000 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.

Table 6. Cisco Prime LAN Management Solution 4.1 Upgrade Information for LMS 2.x/3.x

Part Number	Description
LMS41-100-UP-K9	Physical software and paper claim certificate with new PAK for device-restricted upgrade from LMS 2.x/3.x to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 100 devices.
LMS41-300-UP-K9	Physical software and paper claim certificate with new PAK for device-restricted upgrade from LMS 2.x/3.x to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 300 devices.
LMS41-1.5K-UP-K9	Physical software and paper claim certificate with new PAK for device-restricted upgrade from LMS 2.x/3.x to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 1500 devices.
LMS41-5K-UP-K9	Physical software and paper claim certificate with new PAK for device-restricted upgrade from LMS 2.x/3.x to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 5000 devices.
LMS41-10K-UP-K9	Physical software and paper claim certificate with new PAK for device-restricted upgrade from LMS 2.x/3.x to Cisco Prime LMS 4.1. Includes installation DVDs for Windows, Solaris, and Virtual Appliance; supports up to 10,000 devices.
R-LMS41-100-UP-K9	eDelivery of software and digital PAK ID for upgrading from LMS 2.x/3.x to Cisco Prime LMS 4.1 for 100 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-300-UP-K9	eDelivery of software and digital PAK ID for upgrading from LMS 2.x/3.x to Cisco Prime LMS 4.1 for 300 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-1.5K-UP-K9	eDelivery of software and digital PAK ID for upgrading from LMS 2.x/3.x to Cisco Prime LMS 4.1 for 1500 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-5K-UP-K9	eDelivery of software and digital PAK ID for upgrading from LMS 2.x/3.x to Cisco Prime LMS 4.1 for 5000 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.
R-LMS41-10K-UP-K9	eDelivery of software and digital PAK ID for upgrading from LMS 2.x/3.x to Cisco Prime LMS 4.1 for 10,000 devices. Entitles for electronic download of LMS 4.1 for Windows, Solaris, or Virtual Appliance.

Evaluation Software

Cisco Prime LMS 4.1 evaluation software can be downloaded from <http://www.cisco.com/go/nmsevals>. If the product is downloaded and installed, an evaluation license is installed by default entitling the user to 90 days of use for 100 devices until the purchased license PAK is applied.

Service and Support

Services from Cisco and Our Partners

Realize the full business value of your technology investments with smart, personalized services from Cisco and our partners. Backed by deep networking expertise and a broad ecosystem of partners, Cisco services enable you to successfully plan, build, and run your network as a powerful business platform. Whether you are looking to quickly seize new opportunities to meet rising customer expectations, improve operational efficiency to lower costs, mitigate risk, or accelerate growth, we have a service that can help you.

Warranty Coverage and Technical Service Options

Cisco Prime LMS 4.1 comes with the Cisco 90-day software warranty. Purchasing an application support service provides benefits not available with warranty including access to maintenance and minor updates, online resources, and Technical Assistance Center support services. Table 7 shows the technical services available for Cisco Prime LMS 4.1.

For more information about Cisco warranties, go to <http://www.cisco.com/go/warranty>.

For information about Cisco Technical Services, go to <http://www.cisco.com/go/ts>.

Table 7. Cisco Technical Services for Cisco Prime LMS 4.1

Technical Services
Cisco Software Application Support <ul style="list-style-type: none">• Application software maintenance and minor updates• Around-the-clock, global access to Cisco TAC engineers with specialized application software expertise• Unrestricted access to the extensive Cisco.com resources, communities, and tools

For More Information

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

About Cisco Prime Products

The [Cisco Prime](#) portfolio of enterprise and service provider management offerings supports integrated lifecycle management of Cisco architectures and technologies based on a network services management foundation. Built on an intuitive workflow-oriented user experience, Cisco Prime products help increase IT productivity and reduce operations costs through innovative management solutions for the network services, infrastructure, and endpoints. For more information about Cisco Prime, please visit <http://www.cisco.com/go/prime>



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