

Cisco Prime Infrastructure-LMS Functional Comparison with Prime Infrastructure 2.0.

August 2013

This document outlines the high-level Cisco Prime™ Infrastructure plans to support Cisco Prime LAN Management Solution (LMS) functionality. This **document** provides Cisco Prime LMS customers guidance and recommendations to help ensure a smooth transition to Cisco Prime Infrastructure.

The objective of Cisco Prime Infrastructure is to advance today's IT operational and productivity capabilities. In view of this, each Cisco Prime LMS feature was reevaluated for usefulness, usability, and practical value. This document will help customers quickly assess which LMS features will transition into Cisco Prime Infrastructure.

Cisco advises customers to reach out to their authorized Cisco® channel partner or Cisco account team if there are questions, concerns, or requests regarding the status or implementation plans of specific Cisco Prime LMS features or if migration assistance is needed.

Table 1. High-Level Cisco Prime LMS Functional Comparison to Cisco Prime Infrastructure

Functional Capability	LMS 4.2	Cisco Prime Infrastructure 2.0 Lifecycle	Cisco Prime Infrastructure Future Plan	Notes
Scope	Wired	Converged	Converged	
System				
Virtual machine (VM) soft appliance server	•	•	•	
Physical appliance server	o	•	•	Pre-imaged with Cisco Prime Infrastructure 2.0
Maximum scalability	5000	18,000	100,000+	Scalability of multi-server view with Cisco Prime Infrastructure cluster in future
High Availability (HA)	o	•	•	Built-in active-standby HA in Cisco Prime Infrastructure 1.2
TAC service requests	•	•	•	
Support communities search	•	•	•	
API: REST	x	o	•	
Cisco Identity Services Engine (ISE) integration	x	•	•	
Cisco Mobility Services Engine (MSE) integration	x	•	•	
iPhone Mobile Application	x	•	•	
Cisco Prime Infrastructure toolbar	x	x	•	

Functional Capability	LMS 4.2	Cisco Prime Infrastructure 2.0 Lifecycle	Cisco Prime Infrastructure Future Plan	Notes
Monitor				
Event/syslog monitoring	•	•	•	
Generic trap monitoring	•	x	•	
Northbound notification	•	o	•	
Device health monitoring	•	•	•	
Interface health monitoring	•	•	•	
Performance monitoring	x	•	•	Requires Assurance license
Application performance monitoring	x	•	•	Requires Assurance license
IP service-level agreement (SLA) management	•	–	•	Requires Assurance license
Topology	•	–	•	
N-hop viewer	•	–	•	
Service path trace	x	•	•	Requires Assurance license
User tracking (UT)	•	•	•	Supports both wired and wireless
UTLite	•	–	–	
UT utility	•	–	•	
End-user experience monitoring	x	•	•	Requires Assurance license
Client device type profiling	x	•	•	Requires Cisco Identity Services Engine
Automated service baseline	x	•	•	Requires Assurance license
NetFlow monitoring	x	•	•	Requires Assurance license
Medianet monitoring	x	•	•	Requires Assurance license
Performance Agent	x	•	•	Requires Assurance license
NBAR monitoring	x	•	•	Requires Assurance license
Application visibility and control	x	•	•	Requires Assurance license
Multi-NAM management	x	•	•	Requires Assurance license
RF management and tools	x	•	•	
Real-time troubleshooting	x	•	•	
360 views	x	•	•	
Quality of service (QoS) monitoring	x	x	•	Requires Assurance license
Inventory				
Day 1 device support	•	o	•	See LMS Device Support Reference
Cisco Unified Wireless support	x	•	•	
Cisco Unified Access support	x	•	•	Catalyst® 3850 and 5760 WLC
Third-party support	o	o	•	
Discovery	•	•	•	
Inventory	•	•	•	
Inventory change notification	•	–	–	
EoX/PSIRT reporting	•	•	•	
Contract connections	•	–	•	

Functional Capability	LMS 4.2	Cisco Prime Infrastructure 2.0 Lifecycle	Cisco Prime Infrastructure Future Plan	Notes
Configuration				
Configuration archive	●	●	●	
Configuration templates	●	●	●	
Change audit	●	○	●	
Configuration discrepancy	●	○	●	
Best practices deviation	●	–	●	
Baseline compliance	●	-	●	
Plug-and-play deployment	x	●	●	
Simplified Day 0/1 Config	x	●	●	
Mobility management	x	●	●	Unified access
Regulatory compliance	●	○	●	Cisco Prime Infrastructure 2.0 supports wireless PCI DSS auditing
Software image management	●	●	●	
CiscoView	●	–	○	
Work Centers and Technologies				
Cisco EnergyWise™ management	●	–	●	
Cisco TrustSec® management	●	○	●	
Medianet management	●	–	○	
Auto Smartports management	●	–	–	
Smart Install management	●	-	-	Plug-and-play could be used as an alternative
VLAN management	●	○	●	
IPv6 support	●	○	●	Cisco Prime Infrastructure 2.0 has IPv6 end client support
IPv6 readiness assessment	x	x	–	
Application visibility and control	x	●	●	
Zone-based firewall configuration	x	●	●	
Get/DMVPN configuration	x	●	●	
ScanSafe configuration	x	●	●	

Legend	
●	Equivalent Support
○	Partial Support
–	Pending Support
X	Not Supported
GREEN	Cisco Prime Infrastructure only




Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

 Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third party trademarks mentioned 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. (1110R)