

Cisco Prime LMS 4.2 and Cisco Prime Infrastructure 3.0 Functional Comparison

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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. Table 1 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.

Note that some of the features described in Table 1 remain in varying stages of development and will be offered on a when-and-if-available basis. Roadmap information provided in this document is subject to change at the sole discretion of Cisco, and Cisco will have no liability for delay in the delivery or failure to deliver any of the products or features set forth herein.

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

Legend	
●	Equivalent support
○	Partial support
-	Pending support
X	Not supported
Green	Supported today or is intended to be supported in Cisco Prime Infrastructure only

Functional Capability	LMS 4.2	CPI 3.0	Cisco Prime Infrastructure Future Plan	Additional Notes
Scope	Wired	Converged	Converged	
System				
Virtual machine (VM) soft appliance server	●	●	●	
Physical appliance server	○	●	●	
Maximum scalability	5000	15,000	100,000+	With Cisco Prime Infrastructure Operations Center
High availability	○	●	●	
Cisco Technical Assistance Center (TAC) service requests	●	●	●	
Support communities search	●	●	●	

Functional Capability	LMS 4.2	CPI 3.0	Cisco Prime Infrastructure Future Plan	Additional Notes
API: REST	X	○	●	Replaces the CiscoWorks CLI
Cisco Identity Services Engine (ISE) integration	X	●	●	
Cisco Mobility Services Engine (MSE) integration	X	●	●	
Monitor				
Event/syslog monitoring	●	●	●	
Generic trap monitoring	●	●	●	
Northbound notification	●	●	●	
Device health monitoring	●	●	●	
Interface health monitoring	●	●	●	
Performance monitoring	X	●	●	
Application performance monitoring	X	●	●	
IP service-level agreement (SLA) management	●	-	●	
Network Topology	●	○	●	Physical topology visualization in Cisco Prime Infrastructure 2.2
N-hop viewer	●	●	●	
User tracking (UT)	●	○	●	Supports both wired and wireless
UT Lite	●	○	●	PI can get usernames from ISE+AD
UT utility	●	-	●	Will be provided using helpdesk page
End-user experience monitoring	X	●	●	
Client device type profiling	X	●	●	
Automated service baseline	X	●	●	
NetFlow monitoring	X	●	●	
Medianet monitoring	X	●	●	
Performance Agent	X	●	●	
Network Based Application Recognition (NBAR) monitoring	X	●	●	
Application visibility and control (AVC)	X	●	●	
Management of multiple Cisco Network Analysis Modules (NAM)	X	●	●	
RF management and tools	X	●	●	
Real-time troubleshooting	X	●	●	
360-degree views	X	●	●	
Quality of service (QoS) monitoring	X	●	●	
Inventory				
Incremental Device Updates (IDU)/Device Packs	●	●	●	
Cisco Unified Wireless support	X	●	●	
Cisco Unified Access support	X	●	●	
Third-party support	○	○	●	
Discovery	●	●	●	
Inventory	●	●	●	
Inventory change notification	●	-	●	

Functional Capability	LMS 4.2	CPI 3.0	Cisco Prime Infrastructure Future Plan	Additional Notes
End of life milestones (EoX)/Product Security Incident Response Team (PSIRT) reporting	●	●	●	
Contract connections	●	-	●	
Configuration				
Configuration archive	●	●	●	
Configuration templates	●	●	●	
Change audit	●	○	●	
Configuration discrepancy	●	○	●	Supported for wireless
Best practices deviation	●	-	●	
Baseline compliance	●	●	●	
“Plug-and-play” deployment (ready for immediate use)	X	●	●	
Mobility management	X	●	●	
Regulatory compliance	●	○	●	Supports Payment Card Industry Data Security Standards (PCI DSS) auditing for wireless.
Software Image Management (SWIM)	●	●	●	
CiscoView	●	○	○	
Work Centers and Technologies				
Cisco EnergyWise® management	●	X	X	Replaced with the Cisco EnergyWise Suite
Cisco TrustSec® management	●	○	●	
Auto Smartports management	●	-	-	
Smart install management	●	X	X	Replaced with “plug-and-play” (ready for immediate use)
VLAN management	●	○	●	
IPv6 support	●	●	●	
IPv6 readiness assessment	X	-	-	
Application visibility and control (AVC)	X	●	●	
Zone-based firewall configuration	X	●	●	
Group Encrypted Transport VPN (GETVPN)/ Dynamic Multipoint VPN (DMVPN) configuration	X	●	●	
Cisco Cloud Web Security configuration	X	●	●	Replaces Scansafe



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

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