Overview

HPE Intelligent Management Center Basic WLAN Manager Software Platform

Models

HPE IMC Basic WLAN Manager Software Platform 50 Access Point E-LTU	JG590AAE

Key features

- Intuitive, easy-to-use interface
- Unified wired and wireless network management
- Range of topology management modes
- Low maintenance costs and TCO
- Unified resource and device management
- Integration with Aruba AirWave ,ClearPass and HPE OneView
- Cisco Nexus support
- VxLAN support and API Enhancements

Product overview

HPE Intelligent Management Center (IMC) Basic WLAN Manager Software platform provides unified management of wired and wireless networks, adding wireless network management functions into existing wired network management systems.

IMC Basic WLAN Manager Software offers wireless LAN (WLAN) device configuration, topology, performance monitoring, RF heat mapping, and WLAN service reports. It facilitates centralized control over your midsize or small wired and wireless network to reduce the time needed to deploy configuration changes, as well as helps provide uniformity throughout your wired and WLAN infrastructure.

IMC Basic WLAN Manager software supports the management of Hewlett Packard Enterprise and third-party devices, and is compatible with Microsoft® Windows® operating systems. The software comes with a fixed-device limit of 50 nodes and includes a 50-node license of HPE IMC Wireless Service Manager (WSM).

Features and benefits

Management

- **HPE Intelligent Management Software (IMC)**
  cohesively integrates fault management, element configuration, and network monitoring from a central vantage point; built-in support for third-party devices enables network administrators to centrally manage all network elements with a variety of automated tasks, including discovery, categorization, baseline configurations, and software images; the software also provides configuration comparison tools, version tracking, change alerts, and more
- **Integration with Aruba AirWave, ClearPass, and HPE OneView**
  allows administrators to use AirWave for "user centric" wired management and wireless management while IMC provides edge to core infrastructure management, monitoring, and troubleshooting. Integration with ClearPass ensures IMC has the user context, allowing the administrator to easily associate an IP address to the logged on user. OneView integration automates the provisioning of ToR switches when VLANs are added.
- **Centralized deployment model**
  IMC Basic software delivers an extensive set of capabilities for managing small heterogeneous wired and wireless networks and is designed for simplicity and ease of use
- **Rich resource management**
  IMC software provides powerful network discovery and topology, including a detailed inventory of the network and highly accurate depictions of how it is configured; supported views include Layer 2 and 3, and the ability to create custom views

Overview

> like a dashboard homepage; customization enables administrators to organize and control the network infrastructure based on their preferred organizational model

- **Integrated sFlow traffic analysis**

  using the integrated sFlow traffic analysis, the system can collect flow information from sFlow-capable devices; through traffic analysis, IMC Basic software can help identify network bottlenecks, recognize anomalous traffic, and pinpoint varying levels of bandwidth traffic for different services and applications

- **Flexible, centralized reporting**

  simplifies an organization's report administration; flexible historical reports provide the information needed for network trend analysis and capacity planning, and offer predefined reports or customization options to define parameters; reports can be viewed in a number of formats, including .pdf and .xls, and can be sent automatically via email, or be scheduled to run at a set timeframe

- **Telnet/SSH Proxy**

  with the Telnet/SSH proxy, an administrator can use a browser to remotely access and manage devices through Telnet/SSH without installing a Telnet/SSH tool on the PC client used to access the device; this promotes secure and controlled access to devices while providing an audit of changes made on any device

- **Traffic topology**

  is based on the network's physical topology and enables users to view the traffic conditions of various links

- **Performance monitoring**

  IMC Basic software provides new ways to view performance data; includes four interface performance views: TopN, trend analysis, summary data, and at a glance; the GUI is flexible and allows for instant viewing, switching between multiple views, and quick access to the various interface performance summary views; WSM displays graphs and performance charts for wireless device status, wireless alarms statistics, online client trending, and AP traffic monitoring

- **Network data collection**

  generates, packages, and sends archived information about your network, device, or IMC software to the appropriate HPE support or sales organizations in one simple step; this feature gathers the data you selected and then generates reports and data files containing the relevant information; finally, it delivers the reports to your selected destination, either by email, FTP, SFTP, or to a file location

- **WLAN device management**

  supports HPE MSM series WLAN devices, including controllers, fit APs, and fat APs; provides access controller list, access controller detail information, fit/fat access point list, and fit/fat access point detail information

- **Wireless status view**

  displays key information in one place; provides north-south status views (high-level information on network health down to the detailed status of services such as RADIUS running on your controllers); for controllers, it maintains the status of mobility activity, DHCP Server, VPNs, ports, VLANs, IPSec, and RADIUS; for APs, the software provides details on usage at the client level down to the CPU load level, and across neighbors and local meshes

- **WLAN management**

  automatically displays WLAN SSIDs in your network, compares performance, and relates APs to the WLAN by SSID

- **Batch configuration wizard**

  helps users configure the WLAN network step by step, including WLANs, AP groups, and radio parameters

- **Topology views**

  display logical and physical views of a WLAN by AP, controller, or WLAN so that status as well as detailed information can be viewed in real time; provide links that allow you to quickly click and find device location

- **Client management**

  tracks client connection history and provides top-down (AP-to-client) and bottom-up (client-to-AP) views to make it easier to troubleshoot connection issues

- **WLAN reports**

  abundant WLAN service reports are available, including AP statistics, radio statistics, client statistics, and traffic statistics

- **Wireless terminal trace display**

  logs the online and offline records of a wireless terminal and uses these records to display the movements of the wireless terminal in the location view

- **PoE port management**

  the software can automatically learn which APs are connected to a switch's PoE ports, enabling control of those PoE ports; if necessary, a cold restart of a faulty AP can be made through the software, providing a fast resumption of the device

Overview

Warranty and support

- **Electronic and telephone support**
  Limited electronic and business-hours telephone support is available from Hewlett Packard Enterprise; to reach our support centers, refer to **http://www.hpe.com/networking/contact-support**; for details on the duration of support provided with your product purchase, refer to **http://www.hpe.com/networking/warrantysummary**
- **Software releases**
  to find software for your product, refer to **http://www.hpe.com/networking/support**; for details on the software releases available with your product purchase, refer to **http://www.hpe.com/networking/warrantysummary**

Technical Specifications

HPE IMC Basic WLAN Manager Software Platform 50 Access Point E-LTU (JG590AAE)

Minimum system requirements	**Server**: Intel® Pentium® 4 3.0 GHz 4 GB RAM memory 50 GB storage 10/100 MB NIC Video card supporting 1024 x 768 resolution and sound card **Client**: Intel® Pentium® 4 2.0 GHz 2 GB RAM memory 50 GB storage 10/100 MB NIC Video card supporting 1024 x 768 resolution and sound card
System requirements, recommended	**Server**: 3.0 GHz Intel® Xeon® or Intel® Core™ 2 Duo processor or equivalent 8 GB RAM memory 150 GB storage 1000 MB NIC Video card supporting 1024 x 768 resolution and sound card
Software (required)	**Server**: Operating system: Windows Server 2008 R2 with Service Pack 1 Windows Server 2008 R2 X64 with Service Pack 1 Windows Server 2008 with Service Pack 2 Windows Server 2008 X64 with Service Pack 2 Windows Server 2012 R2 X64 Windows Server 2012 X64 with KB2836988 **Database**: Microsoft SQL Server 2008 Service Pack 3 (Windows only) Microsoft SQL Server 2008 R2 Service Pack 2 (Windows only) Microsoft SQL Server 2012 Service Pack 2 (Windows only) Microsoft SQL Server 2014 (Windows only) MySQL Enterprise Server 5.5 (Windows only) MySQL Enterprise Server 5.6 (Windows only)
Recommended software	Client: Windows XP SP3 or later
Browser supported	Firefox 30 or later Chrome 35 or later Internet Explorer 10 or 11
Hypervisor	VMware Workstation 6.5.x VMware Workstation 9.0.x VMware ESX Server 4.x VMware ESX Server 5.x Windows Server 2008 R2 Hyper-V Windows Server 2012 Hyper-V

Technical Specifications

Notes   Operating systems marked X64 are recommended. Client: JRE 1.6.0_update 27 or later is
                       recommended.
                       For the discovery and management of 50 nodes and 50 access points; Additional access point LTUs
                       may be added.

Services   Refer to the Hewlett Packard Enterprise website at **http://www.hpe.com/networking/services** for
                       details on the service-level descriptions and product numbers. For details about services and response
                       times in your area, please contact your local Hewlett Packard Enterprise sales office.

Accessories

HPE Intelligent Management Center Basic WLAN Manager Software Platform accessories

HPE IMC Basic WLAN Manager Software Platform 50 Access Point E-LTU (JG590AAE)

HPE IMC Wireless Service Manager Software Module Additional 50 Access Point E-LTU   JF415AAE

Summary of Changes

Date	Version History	Action	Description of Change
05-Dec-2016	From Version 6 to 7	Changed	Software feature update
27-May-2016	From Version 5 to 6	Changed	Overview, Technical Specifications and Product descriptions updated.
29-Sep-2014	From Version 4 to 5	Changed	Updated Product overview, Features and benefits and Technical Specifications
30-Sep-2013	From Version 2 to 3	Changed	Updated Overview, Technical Specifications and Accessories.
17-Jun-2013	From Version 1 to 2	Removed	License models were removed.

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