

Overview

Models

HP IMC Basic WLAN Manager Software Platform with 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

Product overview

HP 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 HP and third-party devices, and is compatible with Microsoft® Windows® and Linux operating systems. The software comes with a fixed-device limit of 50 nodes and includes a 50-node license of HP IMC Wireless Services Manager (WSM).

Features and benefits

Management

- **HP 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
- **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 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

Overview

timeframe

- **IMC mobile application**

IMC software provides a new mobile application for the iPhone and the Android operating system; this provides administrators with the flexibility to monitor the network while they are away from their offices

- **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 HP 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 HP 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

Warranty and support



Overview

- **Electronic and telephone support**

limited electronic and business-hours telephone support is available from HP for the entire warranty period; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

- **Software releases**

to find software for your product, refer to www.hp.com/networking/support; for details on the software releases available with your product purchase, refer to www.hp.com/networking/warrantysummary

Technical Specifications

HP IMC Basic WLAN Manager Software Platform with 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
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
Software (required)	Server: Microsoft SQL Server 2005 Service Pack 4 (Windows only) 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 1 (Windows only) MySQL Enterprise Server 5.1 MySQL Enterprise Server 5.5 MySQL Enterprise Server 5.6
Recommended software	Server: Microsoft® Windows® Server 2008 (32-bit or 64-bit) Standard or Enterprise Edition Microsoft® Windows® Server 2008 R2 (64-bit) Standard or Enterprise Edition Windows® Server 2008 with Service Pack 2 Windows® Server 2008 X64 with Service Pack 2 Windows Server 2012 X64 with KB2836988 Client: Windows XP SP3 or later
Browser supported	IE 9.0 or 10.0 is recommended Firefox 20 or later is recommended Chrome 26 or later is recommended
Notes	For the discovery and management of 50 nodes and 50 access points; additional access point LTUs may be added.
Services	Refer to the HP website at www.hp.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 HP sales office.

Accessories

HP Intelligent Management Center Basic WLAN Manager Software Platform accessories

**HP IMC Basic WLAN
Manager Software
Platform with 50
Access Point E-LTU
(JG590AAE)**

HP IMC Wireless Services Manager 50-Access Point E-LTU

JF415AAE

To learn more, visit: www.hp.com/networking

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