

Overview

HPE IMC Branch Intelligent Management Software

Models

HPE Networking IMC Branch Intelligent Management System Software Module with 50-node License E-LTU	JG265AAE
HPE Aruba Networking IMC Branch Intelligent Management System Software Module with 50-node E-LTU	JH708AAE

Key features

- Unified resource management
- Single-pane visibility
- Integrated access and user management
- Powerful support for service operations
- Remote management of customer premise equipment

Product overview

HPE Intelligent Management Center (IMC) software is a modular, comprehensive resource management platform. With its extensive device support, IMC software provides true end-to-end management for the entire network, as well as the open operation cycle.

The HPE Intelligent Management Center (IMC) Branch Intelligent Management System (BIMS) uses an intelligent component-based architecture to provide powerful support for service operations, delivering high reliability, scalability, flexibility, and IP investment returns. Based on the TR-069 protocol, IMC BIMS offers resource, configuration, service, alarm, group, and privilege management. It allows the remote management of customer premise equipment (CPE) in WANs.

Standard Features

Management

- **Device management in private networks**
uses HTTP to communicate with the device, and the session is initiated by the device, so the IMC Branch Intelligent Management Software (BIMS) can pass through NAT to manage the device
- **Zero-touch configuration**
provides easy management; records the upgrade history of devices
- **Large-scale device management**
supports distributed architecture; the auto-configuration server (ACS) of BIMS can be distributed to multiple servers, with each ACS managing part of the devices
- **Support of load balancing and failover between ACSs**
provides high availability
- **Comprehensive CPE device management**
provided to network managers, engineers, and operators a centralized platform. Relying on high reliability, flexibility and scalability, BIMS maintains CPE-vendor neutrality, enabling seamless switching from one CPE to another.
- **Resource management**
for managing CPE devices from Hewlett Packard Enterprise and other manufacturers; It allows to monitor and manage many aspects of a CPE device; add, configure, monitor or manage one CPE device at a time, or multiple CPE devices; add CPE devices manually, or by importing existing local CPE files. In addition, the Batch Operate function enables to configure CPE operations in batches. All communication messages between CPE and BIMS are recorded
- **Batch operations**
allows for the organization of CPE resources into different groups and subgroups, enabling to manage a network of CPE devices more efficiently and provides a network security enhancement assigning different authorities to CPE groups.
- **Compliance Center**
helps check every target CPE device or CPE class using a binding configured compliance policy. Once it finds a CPE which violates the compliance policy, the Compliance Center shows the violation details. BIMS fixes the illegal configuration segment items and solves the potential configuration and security risks in the network and allows generates the results in an automated report.
- **Alarm and report management**
notify users that the CPE device has a communications problem, or is in violation of system standards and it is able to create reports to provide statistics on CPE assets and CPE connectivity performance

Security

- **Outstanding security**
can use HTTPS to communicate with or to transfer files to the device; HTTPS is more secure than TFTP, FTP, or Telnet

Configuration

- **Easy upgrade of device configurations in batches**
automates batch updates or upgrades on configuration files and operating system software images for network devices; this is especially convenient when numerous similarly configured devices need their configurations updated; automates the many time-consuming steps required to upgrade while reducing the error-prone complexities of the upgrade process
- **Configuration management**
restores branch device configuration by time and/or baseline software

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>



Configuration Information

License

HPE Networking IMC Branch Intelligent Management System Software Module Add 50-node License E-LTU	JG762AAE
HPE Aruba Networking IMC Branch Intelligent Management System Software Module Addl 50-node E-LTU	JH709AAE



Technical Specifications

HPE IMC Branch Intelligent Management System Software Module w/50-node E-LTU (JG265AAE)

HPE Aruba Networking IMC Branch Intelligent Management System Software Module with 50-node E-LTU (JH708AAE)

Platform required

Server:

HPE Intelligent Management Center Enterprise Software

HPE Intelligent Management Center Standard Software

Notes:

- See the HPE IMC Standard or Enterprise Platform data sheet for the required software environment.
- Service-oriented architecture (SOA)
- Web 2.0 interface
- Ease of deployment

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.



Summary of Changes

Date	Version History	Action	Description of Change
16-Dec-2024	Version 8	Changed	Technical Specifications section was updated
06-Feb-2017	Version 7	Changed	Model added: JH708AAE SKUs added: JH709AAE
01-Dec-2015	Version 6	Changed	QuickSpecs name changed to HPE IMC Branch Intelligent Management Software Product Overview, Features and Benefits and Technical Specifications updated
29-Sep-2014	Version 5	Changed	Updated Product Overview, Features and benefits and Technical Specifications.
30-Sep-2013	Version 4	Changed	Updated Overview, Technical Specifications and Accessories.
30-Aug-2013	Version 3	Changed	The title was changed.
17-Jun-2013	Version 2	Changed	License models were removed.

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