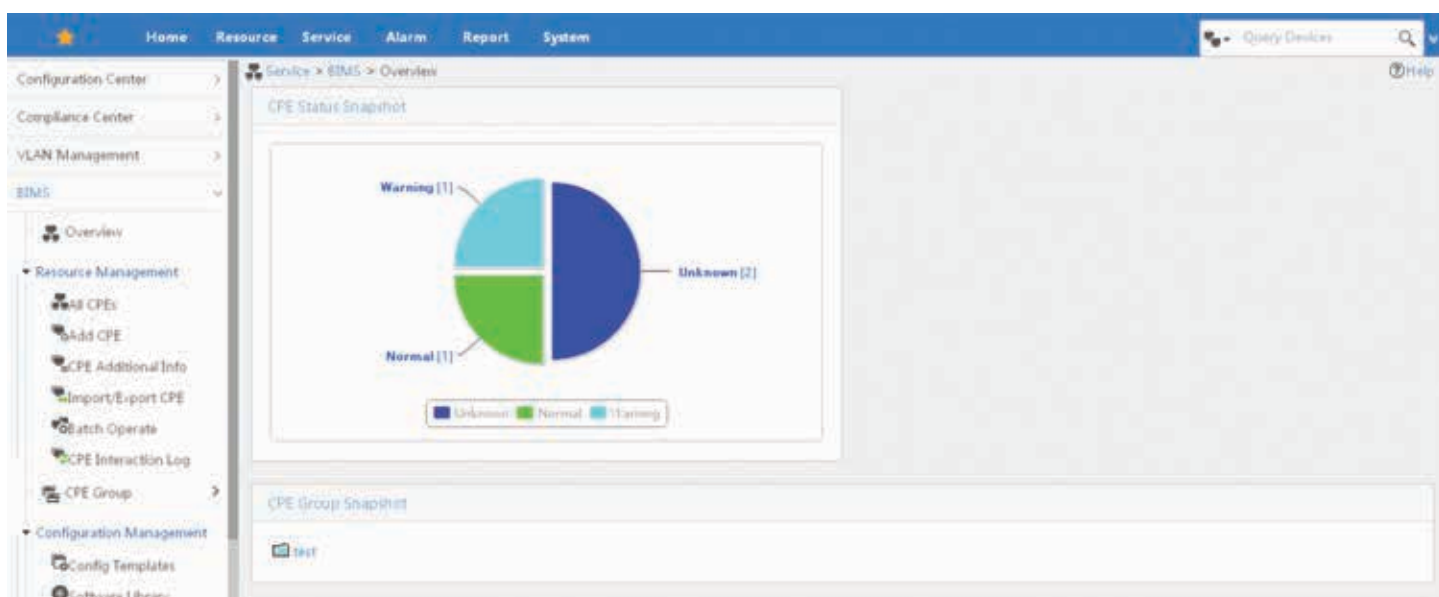


HPE IMC Branch Intelligent Management Software



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 Software (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.

Features and benefits

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 that 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 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 safer 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

HPE IMC Branch Intelligent Management Software

Specifications	HPE IMC Branch Intelligent Management System Software Module w/50-node E-LTU (JG265AAE)/ Aruba IMC Branch Intelligent Management System Software Module with 50-node E-LTU (JH708AAE)*
Minimum system requirements	Refer to the IMC BIMS Release Notes for details about minimum system requirements
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
Services	Refer to the Hewlett Packard Enterprise website at 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
Software accessories license	HPE IMC Branch Intelligent Management System Software Module Add 50-node E-LTU (JG762AAE)/ Aruba IMC Branch Intelligent Management System Software Module Additional 50-node E-LTU (JH709AAE)*

* Intended for Aruba customers and Sales

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