

Overview

HPE IMC QoS Software

Models

HPE Intelligent Management Center QoS Manager E-LTU

JF408AAE

Key features

- Traffic classification in QoS policy
 - Flexible deployment scheme for QoS policies
 - Broadcast and multicast support
 - Automatic topology discovery
 - Bandwidth-sharing fairness among stations
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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.

HPE IMC QoS software enhances visibility and control over QoS configurations on network devices and helps administrators focus on QoS service planning and the most economical and effective use of network resources by providing a rich set of QoS device and configuration management functions. IMC QoS software provides real-time network detection of QoS configurations as it identifies QoS network-wide configurations, enabling unified management of QoS policies.

In addition, IMC QoS software allows administrators to organize traffic into different classes based on the configured matching criteria (e.g., IP protocol type) to provide differentiated services. The software provides insight into committed access rate (CAR), generic traffic shaping (GTS), priority marking, queue scheduling, and congestion avoidance, which enables IT staff to more effectively control and allocate network resources.

Features and Benefits

Quality of Service (QoS)

- **Powerful QoS equipment management**
in combination with the functions provided with the IMC platform, a QoS-enabled device can be added to IMC QoS Manager for managing QoS-specific functions; support for Cisco devices using IPSLA is now available
- **Automatic discovery of existing QoS services**
supplies predefined service identification character base; the QoS configuration on a device is automatically obtained by following the configuration guide and is saved on QoS Manager selectively; the QoS configuration, as a policy that is applied in a direction of the device interface or VLAN, includes the traffic classification, traffic behavior, traffic policy, and policy application
- **Centralized traffic classification**
administrators can set traffic classification policy in which the traffic is classified with certain rules, such as the source address, destination address, IP protocol, or the port number of the application; administrators can configure the features

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such as CAR, GTS, traffic policy, and WRED to control the data stream and reasonably allocate network resources; users can add, modify, delete, copy, and view classification or behavior

- **Diversified QoS deployment guide**

a traffic policy that is composed of the traffic classification and traffic behavior is bound to a device interface, VLAN, or VPN; users can configure different devices according to a deployment solution; a general QoS configuration and industry-customized QoS configuration guides are provided, such as VoIP service

- **Integration of QoS management and network traffic analysis**

administrators can clearly understand a network traffic model on the basis of traffic representation and discover the bandwidth utilization and application traffic use condition of a network interface or VLAN; according to the result of traffic analysis, a QoS policy is formulated across the whole network through the QoS Manager

- **Integration of QoS management and network configuration**

provides functions such as automatically performing device configuration backups at certain times, comparing the startup configuration with the running configuration of a device, and comparing the history configuration with the current startup or startup configuration of a device. QoS configurations and others can be standardized and managed uniformly

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 Intelligent Management Center QoS Manager E-LTU (JF408AAE)

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.

This component can be installed on the same server as the IMC platform. If the SLA module needs to collect large volumes of data, HPE recommends that customers install an SLA collector separately on the secondary server

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
17-June-2016	From Version 9 to 10	Changed	Product descriptions updated.
01-Dec-2015	From Version 8 to 9	Changed	QuickSpecs name changed to HPE IMC QoS Software Product overview, Features and benefits and Technical Specifications updated
29-Sep-2014	From Version 7 to 8	Changed	Updated Product overview, Features and Benefits and Technical Specifications
30-Sep-2013	From Version 6 to 7	Changed	The Product overview, Key Features, Features and Benefits, model specifications and Options were updated.
30-Aug-2013	From Version 5 to 6	Changed	The title was changed.
13-Jun-2013	From Version 4 to 5	Removed	License models were removed.
25-Jun-2012	From Version 3 to 4	Changed	Made changes throughout the Quickspec.
13-Feb-2012	From Version 2 to 3	Changed	The Features and Benefits, model names and Options were updated.
06-Apr-2011	From Version 1 to 2	Changed	The QuickSpecs was completely revised, including updating the title.



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