

### Overview

## HPE IMC MPLS VPN Manager Software

### Models

HPE IMC MPLS VPN Software Module with 50-node E-LTU

JF410AAE

### Key features

- MPLS VPN resource management
- MPLS VPN monitoring
- MPLS VPN traffic monitoring
- MPLS VPN deployment

### 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 MPLS VPN Manager (MVM) software is a module for the IMC platform that provides features for all aspects of MPLS VPN management. IMC MVM software provides functions such as VPN auto-discovery, topology, monitoring, auditing, and performance evaluation, as well as VPN and service deployment, which enable IT managers to best allocate resources. The software also contains a traffic engineering component that helps operators monitor an entire network and deliver service quality by distributing suitable network resources as needed.

### Features and Benefits

#### Management

- **MPLS VPN resource management**  
provides an easy way to add VPN resources such as provider edges (PEs), customer edges (CEs), and VPNs; PEs and CEs can be imported from the basic network resources, while VPNs can be either manually added or automatically discovered
- **MPLS VPN monitoring**
  - **Displays a network's fault and configuration status in real time**  
VPN access topology displays the link status of CEs and the core (that is, the connection and link status between PEs, CEs, and the core); VPN service topology displays connections between CEs, helping to monitor the connections and connectivity status between client subnets in a VPN group
- **MPLS VPN traffic monitoring**  
delivers the traffic statistics and report functions for VPN and service access, providing a way to analyze traffic trends in specific and general terms; service access traffic is collected from the links that CEs use to access PEs; VPN and service access traffic statistics can be displayed in bar and line charts, and the statistics reports can be exported on a per-day, per-month, or per-year basis in HTML, PDF, or other formats to meet different needs
- **MPLS VPN deployment**  
provides the BGP MPLS VPN deployment function, which can be used to deploy a VPN through easy operations; this reduces the configuration workload remarkably and also supports VPN link deployment and batch removal

## Overview

- **MPLS management VPN**  
by establishing a management VPN, administrators can add CEs to the management VPN, which can then manage the CE topology, alarms, and performances; to prevent building management VPNs that interrupt service VPN discovery and management, IMC MVM software allows you to set and filter the management VPN to separate it from service VPNs
- **MPLS VPN report**  
supplies an integrated VPN report, VPN connect report, VPN details report, and VPN access flow report; IMC MVM software also allows users to easily obtain VPN network information
- **MPLS VPN traffic analysis**  
integrated with IMC NTA software, IMC MVM software can analyze the VPN traffic flow based on different applications; it also displays a chart and detailed VPN traffic information
- **Layer 2 MPLS VPN**  
provides support for LDP mode VPLS VPN, BGP mode VPLS VPN, VLL, and PBB; it can also assign different VPN priority levels to different operators

## 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 MPLS VPN Software Module with 50-node E-LTU (JF410AAE)

#### 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.

Hardware changes with nodes and VPNs: fewer than 500 nodes, 1 CPU, 2 GB memory

- From 500 to 1,000 nodes, dual-core CPU, 3 GB memory
- From 1,000 to 2,000 nodes, dual-core CPU, 4 GB memory
- From 2,000 to 5,000, 2x dual-core CPUs, 8 GB memory
- From 5,000 to 10,000 nodes, 4x dual-core CPUs, 16 GB memory
- Recommend managed VPN for fewer than 10,000 nodes. Otherwise, a higher level of hardware is needed

#### 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.

### HPE IMC MPLS VPN Manager Software accessories

#### License

HP IMC MPLS VPN Manager additional 50 Node E-LTU	JF405AAE
HPE IMC MPLS VPN Manager BGP E-LTU	JF403AAE
HPE IMC MPLS VPN Manager Cisco Device E-LTU	JF404AAE
HPE IMC MPLS/VPN Manager Component Pack E-LTU	JF420AAE
HPE IMC MPLS TE Manager Package E-LTU	JG143AAE

## Summary of Changes

Date	Version History	Action	Description of Change
17-June-2016	From Version 8 to 9	Changed	Product descriptions updated.
01-Dec-2015	From Version 7 to 8	Changed	QuickSpecs name changed to HPE IMC MPLS VPN Manager Software  Product overview, Features and benefits and Technical Specifications updated
29-Sep-2013	From Version 6 to 7	Changed	Updated Product Overview, Features and benefits and Technical Specifications
30-Sep-2013	From Version 5 to 6	Changed	The Overview, Features and Benefits, and Options were updated.
30-Aug-2013	From Version 4 to 5	Changed	The title was changed.
13-Jun-2013	From Version 3 to 4	Removed	License models were removed.
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. Please note the title has changed as well.



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