

Overview

HPE IMC Virtual Application Networking Fabric Manager Software

Models

HPE IMC Virtual Application Networking Fabric Manager Software E-LTU

JG770AAE

Key features

- Delivers unified SPB and TRILL management
- Manages across geographically dispersed data centers (DCI/EVI)
- Offers VMware® vMotion playback
- Provides unified data center bridging (DCB), DCBx, FCoE converged management
- Unified networking and FC SAN fabric management
- HPE FlexFabric Network Analytics solution capability for real time microburst detection

Product overview

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

HPE IMC Virtual Application Networking (VAN) Fabric Manager Software simplifies the management of data center and Fiber Channel (FC) storage area network (SAN) fabrics. HPE FlexFabric Network Analytics functionality has been added to this optional IMC software module, so you now have the ability to manage and act on real-time network analytics, which provides powerful out-of-the-box capabilities that enable your network operations team to efficiently manage physical and virtual networks of massive scale.

Businesses need effective real-time network analysis solutions that provide operators with deeper instrumentation and telemetry data about the network, devices, interfaces, and link performance. HPE FlexFabric 5950 Switches combined with this software module will give you the analytic tools to identify when microbursts occur along with the ability to rectify this network behavior which can cause network performance degradation. The software also provides a unified view in a graphical display of microburst activity as well as visibility of network and storage devices in the data center fabric alongside the fabric health to enable quick troubleshooting and proactive management..

IMC VAN Fabric Manager software decreases manual provisioning and allows you to easily configure EVI, SPB, or TRILL through the same graphical user interface used to automate, monitor, and manage your entire network. You gain a better understanding of workload mobility with the VAN Fabric Manager software, as it reports critical information, such as the longest virtual machine (VM) duration, and allows you to visualize the migration of VMs through the virtualized network. With an optional add-on license, data center network management can be extended to physical and virtual FC SAN fabrics with FC-over-Ethernet (FCoE) management, simplifying the configuration of FCoE in the SAN and virtual SAN (VSAN).

Features and benefits

Management

- **Data center management**
 - Analytical view and corrective action when microburst conditions occur, plus views of network devices, servers, storage devices and VMs in the data center
 - Statistics about alerts and port utilization of network devices
 - Mitigation of manual provisioning of data center interconnect service parameters across the network fabric
 - Visibility into VM migration including migration duration and migration of VM profiles.



Overview

- **LAN configuration management**
 - **EVI management**
 - Add, delete, deploy, and dismantle an EVI service
 - Audit public network connectivity for an EVI service
 - See the trends of VM migration for every EVI service
 - Chart the numbers of MAC and VLAN in every EVI service
 - **SPB management**
 - Provides SPB topology
 - Displays the device status and the interface list of SPB devices
 - Enables SPB service management
 - Supports VLAN mapping in a multiple spanning tree (MST) domain
- **TRILL management**
 - Provides graphical representation of TRILL topology
 - Deploys, individually or in a batch, the Routing bridge (Rbridge) parameter in a TRILL network
 - Displays device status and interface list of TRILL-enabled devices
- **SAN management**
 - Simplifies network configuration for FC SANs and FCoE storage devices with full VSAN management
 - Delivers a topology view highlighting the FCoE SAN structure between data centers
 - Provides DCB, DCBx, and VSAN configuration and deployment
 - Supports VSAN mapping between the VSAN and the VLAN/Zoneset/Zone
 - Requires an optional FCoE add-on license

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 Virtual Application Networking Fabric Manager Software E-LTU (JG770AAE)

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 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.

License

HPE IMC Virtual Application Networking Fabric Manager/Fibre Channel Over Ethernet E-LTU	JG828AAE
---	----------

Summary of Changes

Date	Version History	Action	Description of Change
05-June-2017	From Version 4 to 5	Changed	Key features and Product overview updated
17-June-2016	From Version 3 to 4	Changed	Product descriptions updated.
01-Dec-2015	From Version 2 to 3	Changed	QuickSpecs name changed to HPE IMC Virtual Application Networking Fabric Manager Software Product overview, Features and Benefits and Technical Specifications updated
29-Sep-2014	From Version 1 to 2	Changed	Updated Product overview, Features and benefits and Technical Specifications.



Sign up for updates

© Copyright 2017 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit: <http://www.hpe.com/networking>

Microsoft, Windows, and Windows Server are trademarks of the Microsoft Group of companies. VMware is a registered trademark of VMware Inc., in the United States and/or other jurisdictions. Oracle is a registered trademark of Oracle and/or its affiliates. Red Hat is a registered trademark of Red Hat, Inc. in the United States and other countries. Intel Xeon, Intel Core, Pentium, and Intel are trademarks of Intel Corporation in the U.S. and other countries.

c04111339 - 14751 - Worldwide - V5 - 5- June-2017

