

Overview

HP IMC VAN Connection Manager Software

Models

HP IMC VAN Connection Manager Software Module with E-LTU

JG494AAE

Key features

- Automation and orchestration of edge configuration
 - Template-based approach for policy management
 - Virtual machine migration
 - Edge switch management
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Product overview

HP 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 entire operation cycle.

HP IMC VAN Connection Manager software is an IMC module that delivers a template-based approach for managing network configuration policies, yielding consistency and reliability across the network infrastructure. Administrators define policies in a template, which is then applied as a configuration policy to the edge switch associated with the virtual machine of interest. Virtual machine network connectivity is automated and orchestrated by IMC VAN Connection Manager software, which helps accelerate application deployment and service rollout, and greatly reduces risk during virtual machine migration. The module includes a plug-in into the VMware hypervisor manager, which enables the connection policies defined in IMC software to be applied to the virtual machine.

Features and benefits

Management

- **Edge switch management**
HP IMC VAN Connection Manager software monitors and manages the VMs that are connected to the edge switches; for ACL planning, an ACL number range is defined for each edge switch; you can query, add, or delete an edge switch
- **Connection policy templates**
the software maintains a library of connection policy templates (VSI type) that act as the network configuration for binding to the vNIC of VMs; administrators can easily define bandwidth performance, quality of service, and allowed hosts in the connection policy; when deployed, these policies bind to the VM and are applied to the edge switch; these policies follow the VM when it is migrated; once created, these policies can be modified easily
- **Network**
each network uses a unique VLAN ID; you can assign VSI types to different networks; one VSI type can be assigned to multiple networks, and you can also specify which operator can manage a network, facilitating VSI type management; after a connection is created, you must select the network, VM, and VSI type; after the connection is successfully deployed, the VM uses the assigned network resources to communicate with external networks
- **Migration history**
IMC VAN Connection Manager software records VM migrations in a virtual network; administrators can view the migration history and operational records of VMs
- **VMware hypervisor management support**
IMC VAN Connection Manager software plugs into vCenter so that the VM connections created by IMC software can be managed, such as deploying and taking a VM offline, from the vCenter server
- **NEW Hypervisor support**
supports Citrix Xen Server 6.1.0 and Windows Server 2012 Hyper-V hypervisors

Technical Specifications

HP IMC VAN Connection Manager Software Module with E-LTU (JG494AAE)

Minimum system hardware	Server: Intel® Pentium® 4 3.0 GHz 4 GB RAM memory 50 GB storage 10/100 MB NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card
Recommended system hardware	Server: 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent 4 GB RAM memory 100 GB storage 10/100 MB NIC 48X CD-ROM drive, video card supporting 1024 x 768 resolution, and sound card
Software (required)	Server: Database: Microsoft® SQL Server 2005 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (Windows only), Microsoft SQL Server 2008 Service Pack 3 (64-bit—Windows 64-bit only), Microsoft SQL Server 2008 R2 Service Pack 1 (Windows only), Microsoft SQL Server 2008 R2 Service Pack 1 (64-bit—Windows only), Oracle 11g Release 1 (Linux only), Oracle 11g Release 2 (Linux only), Oracle 11g Release 2 (64-bit—Linux only), MySQL Enterprise Server 5.1 (Linux and Windows—up to 1,000 devices supported), and MySQL Enterprise Server 5.5 (Linux and Windows—up to 1,000 devices supported)
Recommended software	Server: Windows® Server 2003 with Service Pack 2 Windows® Server 2003 X64 with Service Pack 2 and KB942288 Windows® Server 2003 R2 with Service Pack 2 Windows® Server 2003 R2 X64 with Service Pack 2 with KB942288 Windows® Server 2008 with Service Pack 2 Windows® Server 2008 X64 with Service Pack 2 Windows® Server 2008 R2 with Service Pack 1 Windows® Server 2008 R2 X64 with Service Pack 1 Red Hat Enterprise Linux 5 Red Hat Enterprise Linux 5 X64 Red Hat Enterprise Linux 5.5 Red Hat Enterprise Linux 5.5 X64 Red Hat Enterprise Linux 6.1 X64
Services	Refer to the HP website at www.hp.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 HP sales office.

To learn more, visit: www.hp.com/networking

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