Overview

Models

HP IMC Virtual Application Networking Resource Automation Manager Software E-LTU JG826AAE

Key features

- Eliminates manual provisioning of network service parameters across the network
- Simplifies planning, provisioning, monitoring and troubleshooting of applications
- Accelerates deployment of services and applications across the network
- Delivers thin provisioning of network resources for services tuned to business requirements
- Provides an easy-to-use service modeling tool with drag and drop UI

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 Virtual Application Networking (VAN) Resource Automation Manager Software is an IMC module providing a network fabric orchestration tool for service application delivery, optimizing the utilization of network resources for specific cloud-based or virtualized applications or tenants. This tool accelerates the deployment of applications while tuning the network to provide the best experience to users without overprovisioning valuable network resources. Converged infrastructure and cloud management becomes more robust with the end-to-end infrastructure provisioning and monitoring over the physical and virtual network.

VAN Resource Automation Manager Software has a simple-to-use service model design tool leveraging a drag-and-drop UI of HP or 3rd party network resources. You can associate a specific application or tenant, desired network resources and characteristic for each service model and provision virtual service paths through the software's orchestration capabilities. The service models allow for repeatable and consistent experience throughout the network since it can be cloned and provisioned to other parts of the network

Features and benefits

Management

- **Topology driven service creation**
  - Based off of discovered networks.
  - Network zoned based service models.
  - Easy-to-use, drag-and-drop user interface for creating service models.
  - Simulate service models to test and validate service.
  - Inventory and monitor network resources. Information reliant on IMC platform information and other module information.
  - Save service models for repurposing and re-application to other zones.
- **Thin provisioning**
  - Deploy applications without overprovisioning infrastructure for worst case usage scenarios.
  - Provides L2 + L3 connectivity with quality of service.
  - Allocates network resources from pools on a just-enough, just-in-time basis – this includes bandwidth as well as load balancing services provided by F5.
- **Topology independence**
  - Enables free placement of applications and workloads with associated policies within the network infrastructure.

Overview

- Removes the complexity and reliance on a per app static network infrastructure configuration.
- Link applications to the required attributes and infrastructure characteristics instead of tying applications to a VLAN or port.
- As applications change or move, underlying infrastructure will dynamically reflect new characteristics when model is provisioned.

Technical Specifications

HP IMC Virtual Application Networking Resource Automation Manager Software E-LTU (JG826AAE)

Minimum system requirements	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
System requirements, recommended	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**