Fact sheet

HP IMC Virtual Application Networks Modules

The HP Virtual Application Networks (VAN) is a framework that enables network agility and accelerates application and service delivery in the data center. Two new modules which are based on Intelligent Management Center, single-pane-of-glass management, will be released with an aim to accelerate the delivery of services:

• **IMC VAN Resource Automation Manager:**
  An orchestration tool that:
  – Automates allocation of network resources for services and applications
  – Helps simplify application management

• **IMC VAN Software-defined Networking Manager:**
  – Simplifies and scales Software-defined Networking (SDN) architecture networks management
  – Delivers SDN management

**IMC VAN Resource Automation Manager**

HP IMC VAN Resource Automation Manager provides a data center fabric orchestration tool to deploy an intelligent, virtualized, on-demand fabric for the end-to-end HP Converged Infrastructure and traditional tier network architecture.

HP IMC VAN Resource Automation Manager creates a standalone logical data center on per application or per tenant basis. This simplifies planning, provisioning, monitoring, troubleshooting, and completely segregates and secures applications. This is accomplished by dynamically provisioning network resources to a dedicated profile for a specific application or class of applications.

Service profiles define connectivity, policies and L4 to L7 services integration to remove complexity of statically configured networks. Profile definition attributes are:

• L2 + L3 connectivity
• End-to-end QoS policy enforcement
• L4-7 services such as firewall, ADC and IPS
• SLA-based monitoring

**IMC Virtual Application Networks Resource Automation**

Industry’s only policy-based network automation tool for the entire network
IMC VAN Resource Automation Manager can also thin-provision resources for applications to avoid over-allocation.

The addition of IMC VAN Resource Automation Manager extends the policy driven provisioning from server access, which was initiated with the release of IMC VAN Connection Manager to the rest of the fabric.

IMC VAN Resource Automation Manager will deliver a comprehensive management solution for the converged infrastructure and cloud orchestration, a true Infrastructure as a Service (IaaS).

**Availability**

IMC VAN Resource Automation Manager is targeted for 2HCY2013 availability. Pricing is yet to be determined.

**HP IMC VAN SDN Manager**

SDN promises to change the industry in innumerable ways. What will not change are the operational tasks required of network administrators to manage and monitor network environments.

The HP IMC VAN SDN Manager will be the first, fully enabled SDN management tool whose capabilities will be critical to any SDN deployment.

**Capabilities**

IMC VAN SDN Manager will feature full-fault, configuration, accounting, performance and security management for HP enabled SDN domains.

- Enable deployment, monitoring and management of HP OpenFlow enabled switches
- Visualize traffic flow and performance monitoring in HP SDN Domains
- Backup and restore configurations and software of HP SDN Controllers
- Provide graphical OpenFlow troubleshooting with path analysis

Taking advantage of the IMC platform features, IMC SDN Manager leverages the flow monitoring, topology mapping and troubleshooting features to provide full SDN management capabilities in the same interface as the wired, wireless, physical, and virtual network. You will be able to manage both types—SDN as well as traditional interfaces — from the same console which lends to the operational efficiencies required for network administration.

At launch, the HP IMC VAN SDN Manager will support the HP SDN Controller. Additional controllers will be added as the industry controller ecosystem matures. Subsequent releases will include application management as well as native SDN applications.

**Availability**

IMC VAN SDN Manager is targeted for December 2013 availability.

Learn more at [hp.com/go/flexfabric](http://hp.com/go/flexfabric)