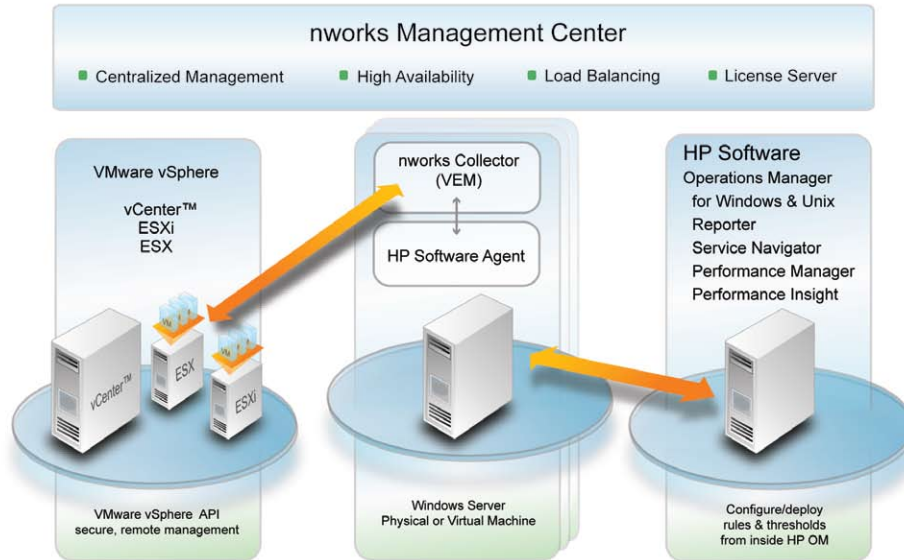


# Smart Plug-in for VMware

## VMware Monitoring with HP Operations Manager



*Management integration with nworks Smart Plug-in and VMware vCenter™*

Get more value from your investment in HP Operations Manager with the Veeam nworks Smart Plug-in™ (SPI) for VMware. The nworks SPI provides distributed monitoring and management of the VMware infrastructure (VI3 and vSphere) fully integrated into HP Operations Manager. It publishes VMware configuration, performance, state, capacity, topology, and VMware vCenter™ events directly into HP Operations Manager, giving you a common view across your physical and virtual infrastructures.

### Single, Common Management Console

Equip your 24/7 operations staff to perform routine VMware infrastructure monitoring without specialized virtualization expertise. The nworks SPI provides everything you need for comprehensive VI monitoring including out-of-the-box thresholds, targeting, event suppression, and knowledge base data using the full power of HP Operations Manager.

### Future-Proof Solution

The nworks Collector component provides agentless monitoring of the VMware infrastructure, eliminating the risk of agent software impacting ESX host stability and performance. Because nworks uses the VI API, there is no need for agent recertification for new hypervisor versions or patches, and full ESXi support is provided. Qualified through the VMware Ready testing process by VMware, the nworks SPI is certified as VMware Ready Optimized, providing you assurance that this solution is secure, stable, safe to deploy and offers the lowest

integration cost for VMware environments. The nworks SPI version 5.0 delivers native support for VMware's latest vSphere events and capabilities, enabling an in-depth and comprehensive integration between the VMware infrastructure and HP Operations Manager.

### Features & Benefits

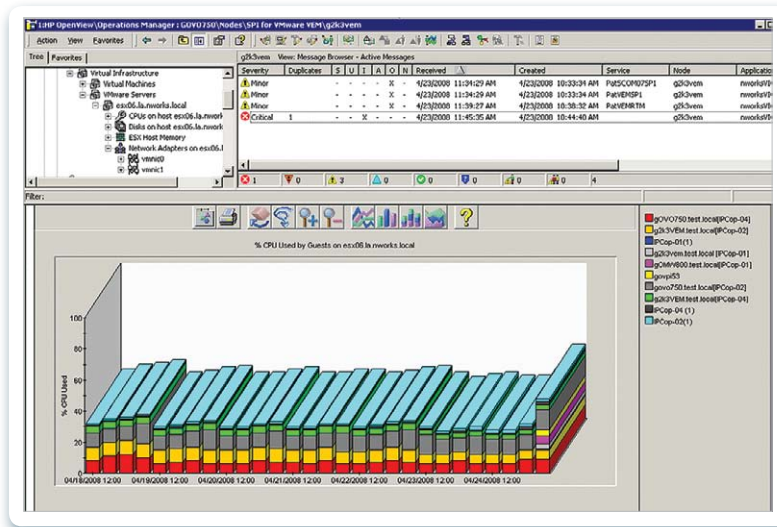
- Delivers instant value through vSphere, vCenter and ESX 4.0 event and performance monitoring with out-of-the-box event definitions, adaptive thresholds, service maps and reports
- Includes enterprise-class features of high-availability, load-balancing, and a distributed scalable architecture
- Creates dependency links between physical host servers, virtual machines, applications and services
- Increases operator productivity and reduces VMware technical knowledge requirements of front-line staff through built-in intelligence
- Assures stability and reliability through VMware Ready Optimized certification
- Lowers administration and deployment overhead through centralized management and configuration
- Includes full, native support for new vSphere features with monitoring of vAPPs, Host Profiles and Distributed Power Management



**Industry leading management integration**  
with nworks Smart Plug-in and VMware vCenter™



## Comprehensive HP Operations Manager Integration



### Proactively Monitor Virtual Infrastructure Resources

Integrate visibility of key VI data into HP Operations Manager:

- Virtual Machine metrics such as CPU ready time, swapfile usage and balloon memory.
- Physical ESX host hardware sensors such as fan speed, chassis temperature, and power consumption.
- ESX hypervisor metrics such as HBA I/O and latency, swapfile performance, and datastore space.
- vCenter events on DRS, HA, VM deployment, licensing, permissions, configuration and more.

### Comprehensive end-to-end monitoring

The nworks SPI for VMware provides integration of application and service data with the vSphere topology. In addition to comprehensive agentless monitoring, the SPI for VMware leverages data from Operations Manager agents running inside Windows VMs. This breakthrough functionality enables a fully integrated picture, with end-to-end monitoring extending all the way from VI-datacenter, to ESX cluster, to ESX host, to VM, to enterprise applications such as SQL Server, Active Directory, and Microsoft Exchange running inside virtual machines.

### Enterprise-class scalability and performance

The nworks SPI includes all the components needed for secure, enterprise-ready operations with a distributed architecture, high availability, and automatic load-balancing, offering continuous monitoring of the largest ESX environments with maximum efficiency and minimal overhead.

Centralized management for licensing and configuration across multiple nworks Collector servers greatly simplifies deployment tasks and ongoing operations overhead for dynamically growing environments. The nworks Management Center manages multiple Collectors, automatically distributing licenses and monitoring tasks as required and dynamically load balancing for maximum performance and continuous monitoring for your business-critical VMware systems.

### Extensive Report and Graph Library

The nworks Smart Plug-in for VMware includes an extensive and growing library of reports and graphs for HP Reporter, Performance Manager and Performance Insight. View availability and performance data for virtual and physical servers by customer, location or groups of your own design. Chart cluster and resource pool utilization and host hardware sensor data. Customize reports and graphs to fit your VMware infrastructure needs using HP tools.

### Supported HP Software Platforms

- Operations Manager for Windows 7.5, 8.X
- Operations Manager for Unix 8.X
- Reporter
- Service Navigator
- Performance Manager
- Performance Insight 5.4

### Supported VMware Platforms

- VirtualCenter 2.x
- vCenter 4
- ESX 3.x and 4
- ESXi 3.x and 4

### Ordering information and Support

For pricing, please contact your Veeam Software reseller or submit a sales inquiry at <http://www.veeam.com/salesinc.html>

For technical support please visit <http://www.veeam.com/support.html> or email [support@veeam.com](mailto:support@veeam.com) and our support representative will contact you promptly.

Evaluation software available at:  
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