



What's New in Veeam nworks Management Pack™ 5.5 for VMware for Microsoft Operations Manager 2005

New in release 5.5.2

- Support for vCenter 4.1
- Real-time Collector capacity monitoring and alerting
- Detailed hardware role data for ESX servers
- Optimised VI-API performance queries for large VDI environments
- New performance counters, views and reports
- New vCenter events and alerts

Veeam nworks Management Pack 5.5 for VMware is the new release of Veeam's leading-edge integration for distributed VMware infrastructure monitoring and management in Microsoft Operations Manager (MOM). By bringing VMware to the MOM consoles, the nworks Management Pack protects your investment in Microsoft Operations Manager and allows 24x7 monitoring of your VMware environment with existing staff and tools, eliminating the cost of retraining and retooling.

Version 5.5 of the nworks Management Pack is the result of customer feedback and continued close partnership with both VMware and Microsoft.

Version 5.5 includes new features and enhancements in the following areas:

Updated VMware Ready certification

The nworks Management Pack has been certified by VMware for VMware vSphere and the new vSphere API under the VMware Ready program.

nworks Enterprise Manager

The nworks Management Center, the browser-based central console for managing multiple nworks collectors, has been renamed nworks Enterprise Manager. The new nworks Enterprise Manager features a cleaner UI (user interface) with many usability and functional enhancements. It is directly accessible from the MOM Operator console, and can also be integrated as a plug-in to the vCenter client.

Other enhancements include:

- High-availability failover groups: nworks collectors can now be assigned to groups to control failover, allowing for efficient management of large, geographically dispersed monitoring environments.
- Improved load balancing: Load balancing now uses an improved algorithm, allowing for smarter monitoring job placement to distribute the load across nworks collectors.
- New connection wizard: A new connection wizard in nworks Enterprise Manager provides built-in deployment advice. It employs the new load-balancing algorithm to recommend the number of nworks collectors required for the monitoring load, monitors license usage, and allows full flexibility in job placement within the new failover groups.

Derived metrics

The nworks Management Pack includes derived metrics that extend the rich source of performance metrics available from the vSphere API. Derived metrics are calculated in the nworks collector. Version 5.5 includes graphs and dashboards, new threshold monitors, and data warehouse reports on the following new or improved derived metrics:

- Disk IOPS: Total input and output operations per second for each VMHBA storage connection. Also provides rollups for hosts and VMs.
- Total disk traffic in KB: Calculated for VMs, for hosts, and at the cluster level.
- Total network traffic: Amount of data transmitted and received. Calculated for VMs, for hosts, and at the cluster level.
- Memory swap file I/O rate: Now calculated for every VM, clearly showing which VM is the reason for high host swap usage.
- Memory pressure: This enhanced metric now factors in memory overcommitment, TPS (transparent page-sharing) and memory utilization to give proactive warning of memory resource issues.

Configurable data collection

Version 5.5 features configurable collection intervals. Each individual data class can have its own collection interval, allowing maximum scalability and performance while still collecting all the drilldown metrics to give the full picture on VMware health.



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