

## VOperations Suite 4.1 – Release Notes

The VKernel vOperations Suite™ (vOPS) is an enterprise class performance and capacity management solution for monitoring, planning, reporting, chargeback and optimization of virtual environments

### What's New

#### 4.0

- Hyper-V Support
  - Support for VMware, Hyper-V and mixed environments across the entire vOPS suite
- vScope Dashboards
  - Environment-wide, cross-hypervisor views of performance, capacity and cost
- Smart Business Views
  - Auto-updating business views based on VM and server characteristics
- Pricing Models by Business View
  - Override global pricing to set discounts or custom rates; distinguish allocation-based and utilization-based pricing
- Configurable Dashboards
  - Create custom dashboards from summary reports, and from top current and future bottlenecks, and top alarms tables
- Active Directory Enhancements
  - Set access and permissions based on AD group membership

#### 4.0.1

- *Cost Index vScope*
  - *Relative cost of VMs including usage, hardware cost and hardware utilization*

#### 4.1

- *vScope Explorer*
  - *Environment wide view of performance, capacity and efficiency*  
<http://www.vkernel.com/products/vscope-explorer>

### Problem Corrections

#### 4.0

- VK-8552, VK-9247 – Execution of Rightsizer recommendations occasionally fail to complete
- VK-9051 – Performance Analyzer action buttons do not always display properly in Internet Explorer

- VK-9052 – Storage capacity incorrectly calculated for the Storage Utilization vs Capacity on Date report
- VK-9055, VK-9214, VK-9350 – Occasional errors in updating the virtual inventory in some environments
- VK-9093 – Occasional server error when calculating CPU Ready
- VK-9097 – Error in generating some Capacity Manager reports in large environments
- VK-9107, VK-9396 – Potentially incorrect average and peak latency values in Datastore Performance
- VK-9138 – Error generating PDF reports of some Resource Graphs
- VK-9227 – Command latency sometimes calculated incorrectly in Resource Graphs

#### *4.0.1*

- VK-9574 – Microsoft SQL Server causing 100% CPU utilization
- VK-9839 – Occasional error when trying to view the Infrastructure Overview Dashboard using the Business Views root object
- VK-9870 – Resource graphs not automatically updated when traversing the navigation tree

#### *4.1*

- VK-9168 – Occasional out of memory error when collecting data
- VK-10028 – Migration of 32 bit embedded database may cause problems with data analysis
- VK-10072 – Intermittent problems with predictive analysis in large virtual environments
- VK-10209 – Problems scheduling Rightsizer recommendations