

# What's New in VMware vSphere with Operations Management 6.0?

VMware vSphere® with Operations Management™ 6.0 is the latest release of the industry-leading platform with insight to IT capacity and performance. This release contains the following new features and enhancements:

## Compute

- **4-vCPU vSphere Fault Tolerance (FT)** - Provides continuous availability of any application in the event of a hardware failure—with no data loss or downtime for workloads up to 4-vCPU.
- **vShield Endpoint™** - Secures VMs with offloaded antivirus and antimalware (AV) solutions without the need of agents inside the virtual machine
- **Hot Add** - Increase capacity by adding CPU, memory or devices to virtual machines when needed, without disruption or downtime.
- **Cross-vCenter vMotion** - Enables live migration across vCenter Servers of virtual machines between servers with no disruption to users or loss of service, eliminating the need to schedule application downtime for planned server maintenance.
- **Long-Distance vMotion** - Enables live migration over long distances (up to 100 milliseconds round trip time) of virtual machines between servers with no disruption to users or loss of service, eliminating the need to schedule application downtime for planned server maintenance.
- **NVIDIA vGPU** - Enables native 2D and 3D graphics performance for virtual machines
- **Content Library** - Provides simple and effective centralized management for VM templates, virtual appliances, ISO images and scripts

## Storage

- **Virtual Volumes** - Enables abstraction for external storage (SAN and NAS) devices making them VM-aware.
- **Storage-Based Policy Management** - Allows common management across storage tiers and dynamic storage class of service automation via a policy-driven control plane.

- **Storage API for Array Integration, Multipathing** - Improve performance, reliability and scalability by leveraging efficient array-based operations as well as third-party storage vendor multi-path software capabilities.

## Management

- **vSphere Hardening** - Ability to check against vSphere Hardening guidelines
- **Improved Smart Alerts** - Combine multiple symptoms to generate a single alert focused on the root cause and provides clear recommendations with options for remediation
- **Improved Capacity Planning Tools** - Save “what-if” scenarios and commit the capacity models to the analytics engine
- **Improved Policy Management** - Custom policies can be applied for specific workload types, applications or clusters enabling more advanced monitoring of performance, capacity and configuration standards

## Additional New and Enhanced Features for Applications

- **OpenStack API Integration** - Leverage VMware Integrated OpenStack with your existing vSphere with Operations Management expertise and Infrastructure to provide developers with OpenStack API's. VMware Integrated OpenStack is included with vSphere with Operations Management ENT+. Support for VMware Integrated OpenStack is optional and can be purchased separately. [Find out more here.](#)

## Find Out More

For information or to purchase VMware products, call 877-4-VMWARE (outside North America, +1-650-427-5000), visit <http://www.vmware.com/products>, or search online for an authorized reseller.