Extend Your System Center Investment with the Operations Management Suite

Leveraging the System Center IT Management Platform

Today System Center continues to be the centerpiece of Microsoft's IT management offering, providing world-class management for traditional IT environments. Helping customers gain a unified datacenter management experience with out-of-the-box monitoring, provisioning, configuration, automation, protection and self-service capabilities.

As hybrid IT is putting immense pressure on IT pros, they need right tools to manage through these changes.   How do you enable your businesses in the journey to the cloud and beyond? How do you support both traditional infrastructure and modern applications seamlessly?

Modern Management for Modern IT

The cloud provides many customers an opportunity to modernize their datacenters and reinvent IT. Microsoft is helping to drive this reinvention with a set of new IT services delivered from the cloud to both simplify the management challenges of today's hybrid environments and shepherd in an era of tooling for new IT.

With the Operations Management Suite (OMS), customers can extend their existing System Center deployments through cloud services for analytics to ease troubleshooting, backup and disaster recovery to protect their datacenter, automation for minimizing repetitive tasks, and rapid response to security events.

System Center 2016 Investments

- Core usability and performance updates
- Support for Windows Server 2016 deployment, configuration, monitoring and management, including new capabilities for SDDC and virtual machine security
- Support for Windows 10 client deployment, configuration and management
- Enhanced support for heterogeneous infrastructure across Linux and VMware environments
- Access to frequent feature updates for active software assurance customers
- Integration with OMS for datacenter protection, first-class Linux support, and rich analytics

Extending System Center with OMS

System Center	Value today	Added value with OMS
Operations Manager	Monitoring and alerting on-premises	Analytics, dependency discovery, reporting
Configuration Manager	Secure, scalable deployment and compliance	Support shift to desired state configuration management and monitoring
Orchestrator	Datacenter workflow management	Workflow for cloud & hybrid-cloud workloads
Data Protection Manager	Enterprise backup	Cloud-based backup and disaster recovery
Virtual Machine Manager	Virtualized datacenter management	Orchestrated replication & recovery in the cloud

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Deliver operational insight without adding hardware to your datacenter

With unlimited scale, throughput and retention backed by big data technologies from Azure, OMS extends your Operations Manager investment through:

- New network performance monitoring capabilities to assess loss and latency across subnets and network paths

- Streamlined alert management capabilities, collecting and surfacing all alerts across multiple SCOM management groups, with the ability to drill down and visualize easily for alert triage

- Automated remediation based on both SCOM and OMS alerts

- Near real time performance metric collection and analysis with a fine-grained collection interval as small as 10 secs. Leveraging your existing agent deployment with negligible overhead on the managed systems and zero overhead on the management servers, operational DB and data warehouse

- Proactive health assessment of key workloads like Active Directory and SQL servers

- Ability to reliably perform audit collection and query audit events with ease without throughput and storage restrictions

- Expanded visibility into cloud-based workloads running in Azure, AWS, or any third party cloud

- Security threat analysis and compliance auditing

- Customized search, analysis, and reporting including integration with Power BI

Automate, monitor, & troubleshoot infrastructure & application state config

By integrating with OMS, you can extend your existing Configuration Manager investment through:

- Author the desired state of your infrastructure and applications using PowerShell DSC and update, report, and enforce this configuration across your hybrid environment

- Near real time configuration and change tracking intelligence with dashboards that are available through rich and interactive web and mobile experiences

- Ability to view missing patches across systems including time estimates for the required time to install the missing patches

- Ability to patch servers, both manually and using automation, that aren't connected to Active Directory and/or are running in the public or partner cloud and cannot communicate to your Configuration Manager environment

- Automate agent deployment and config for the fastest on-ramp to OMS

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Deliver automated, end-to-end processes and configuration management across your datacenter and public cloud systems

Automation in OMS brings added value to the rich capabilities of Orchestrator by easily extending your processes across public cloud environments. OMS can tie into your existing Orchestrator and Service Management Automation tools to integrate your existing processes and investments with your public cloud investments.

- Integrate your cloud-based and on premises management and automation tools using the runbook hybrid worker
- Author graphical and PowerShell based workflows to deliver end to end processes across your clouds
- Configure hybrid cloud VMs and applications using Automation Desired State Configuration
- Deliver DevOps continuous deployment using configuration as code
- Migrate your Orchestrator runbooks to Automation in OMS as needed
- Automate alert escalation to service management solutions like Service Manager, Service Now, Remedy, and Cherwell

Simple, orchestrated disaster recovery across your premises and the cloud

Through integration with OMS you can implement simple, orchestrated disaster recovery leveraging the cloud.

- Move workloads effortlessly to the cloud with just a few clicks
- Protect your critical applications no matter where they reside: Linux or Windows, VMware, AWS or Azure
- Run tests on copies of your production workloads without impacting production users
- Burst to Azure when workloads demand more compute power than your datacenter can provide
- Continuous monitoring of your disaster recovery solution

Effortless enterprise backup

Through integration with OMS you can extend your backup management infrastructure across branch offices, head offices, and Azure cloud deployments.

- Cloud-scale backup for up to 99 years with zero capital expenditures and minimal operating expense
- Manage your IaaS VM backups directly from the Azure portal
- Configure and trigger alerts related to backup failures, disk and cloud usage thresholds

Get started today, try Operations Management Suite at www.microsoft.com/oms

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