



NetApp®

Datasheet

# NetApp OnCommand Plug-in for Microsoft

Monitor and manage NetApp storage with Microsoft System Center integration



## KEY BENEFITS

### Simplify Infrastructure Management

Enable Windows® administrators to monitor and manage their NetApp® storage environment directly from Microsoft® System Center.

### Cut Through Performance, Availability, and Efficiency Limits

Provide nondisruptive operations, seamless scalability, and proven efficiency for private cloud deployments.

### Deploy Unified Storage for Efficiency and Flexibility

Manage the combination of SAN and NAS for deployment simplicity and scale.

### Enable High Availability of Operations Manager

Support Operations Manager with high availability and load balancing.

## The Challenge

The scope, scale, and complexity of today's data-driven world create new demands in the data center. The advent of virtualization and cloud architectures drives the need for predictable yet agile service levels and pressures Windows administrators to reexamine processes and tools to help them meet rapidly changing business needs.

## The Solution

The NetApp OnCommand® Plug-in for Microsoft (OCPM) integrates with Microsoft System Center for intelligent infrastructure management. OCPM enables you to discover, monitor, and manage a NetApp unified storage system (supporting SAN and NAS protocols) directly from Microsoft System Center, and it is a key component of NetApp solutions for Microsoft Private Cloud. In recognition of its expertise in helping customers and partners build solutions on the Microsoft platform, NetApp was named the Microsoft Private Cloud Partner of the Year for 2012 and Server Platform Partner of the Year for 2013.

## Streamline infrastructure management

OCPM offers out-of-the-box integration with System Center Operations Manager (OpsMgr) and System Center Virtual Machine Manager (VMM).

OCPM Management Packs let Windows administrators monitor the health, performance, and utilization of your NetApp storage infrastructure with OpsMgr. By using this familiar tool, they can optimize SAN storage and/or SMB shares.

OCPM Management and Virtualization Packs can automatically discover NetApp controllers and their hosted objects, as well as the Microsoft Windows Server® with Hyper-V® virtual infrastructure. Visibility into each storage layer enables you to quickly find and resolve potential problems and identify affected Hyper-V VMs. You can also apply OpsMgr's standard event classification and response rules to NetApp systems. These rules define how storage issues are displayed and categorized in OpsMgr, which can save time and reduce errors.

Microsoft Partner  
2013 Partner of the Year Winner  
Server Platform



2012 PARTNER OF THE YEAR  
Private Cloud Partner of the Year  
Winner

PRODUCT INTEGRATION AND TOOLKITS	DESCRIPTION
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<a href="#">SCOM Management Pack</a>	Discover and monitor NetApp storage, including SAN and SMB shares, from within the OpsMgr console.
<a href="#">Virtualization Pack</a>	Discover and monitor Hyper-V VMs in SAN/NAS and alert VM administrators of (potential) storage issues.
<a href="#">High Availability</a>	OCPM supports the OpsMgr Management Server Resource Pool to provide high availability and load balancing. Should one of the management servers in the resource pool go offline, OCPM will continue to monitor and manage the NetApp storage environment.

Table 1) OnCommand plug-in for Microsoft: product integration and toolkits.

### Keep your business running nonstop

OCPM supports clustered Data ONTAP features, including storage maintenance and hardware upgrades, without interrupting your business. Scale capacity, performance, and operations with the support of SAN and NAS from terabytes to tens of petabytes without reconfiguring running applications. Drive pervasive storage-cost reductions by using the most comprehensive storage efficiency offering in the industry. The combination of System Center management and clustered Data ONTAP® enables you to harness the power and benefits of industry-leading private cloud capability.

### Unified storage with industry-leading SAN and NAS support

With Windows Server 2012, SMB 3.0 support includes key features such as persistent file handles (continuously available file shares for Hyper-V), witness protocol, and clustered client failover. These features, when combined with the right shared storage solution, provide the high availability typically associated with a block protocol and the simplified administration and reduced

deployment cost of network file share access. OCPM integration with System Center gives you the flexibility to support iSCSI, Fibre Channel, and FCoE SAN infrastructure as well as SMB 3.0 for deployment simplicity and scale in a NAS environment.

### High availability

OCPM supports the OpsMgr Management Server Resource Pool to provide high availability and load balancing. Should one of the management servers in the resource pool go offline, OCPM will continue to monitor and manage the NetApp storage environment.

### Get Started Today

NetApp OnCommand Plug-in for Microsoft is available free of charge to NetApp customers from the NetApp Support site. Download and install the management packs and features you need to start simplifying storage management in your Microsoft Windows environment today.

### System Requirements

NetApp OnCommand Plug-in 4.0 for Microsoft supports:

- Microsoft Windows Server 2008 R2, 2008 R2 SP1, 2012, and 2012 R2

- Microsoft System Center 2012 SP1 and 2012 R2
- iSCSI, FC, and FCoE SAN, SMB 3.0 NAS
- NetApp FlexClone® technology
- NetApp SnapMirror
- Data ONTAP operating system
  - Data ONTAP 7 product family:
    - 7.3.4 and later
  - Data ONTAP 8 product family:
    - 8.0.1, 8.0.2, 8.0.3, and 8.0.4 operating in 7-Mode
    - 8.1.0, 8.1.1, and 8.1.2 operating in 7-Mode
    - Clustered Data ONTAP 8.2
- x64 platforms
- Windows Guest OS on Microsoft Windows Server 2008 R2 or 2012 with Hyper-V

### About NetApp

NetApp creates innovative storage and data management solutions that deliver outstanding cost efficiency and accelerate business breakthroughs. Discover our passion for helping companies around the world go further, faster at [www.netapp.com](http://www.netapp.com).

Go further, faster®



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