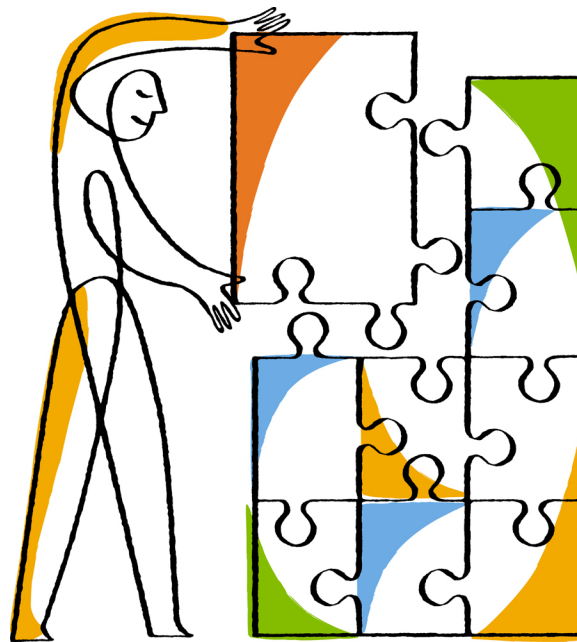




NetApp®

NetApp® OnCommand® Shift 1.0

Release Notes



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Product overview

OnCommand Shift is a PowerShell-based interface that enables you to migrate virtual machines from one hypervisor to another.

OnCommand Shift leverages FlexClone technology for the rapid conversion of virtual machine hard drives. OnCommand Shift 1.0 supports bidirectional conversion as follows:

- VMware ESXi to Microsoft Hyper-V
- Microsoft Hyper-V to VMware ESXi

OnCommand Shift replaces the MAT4Shift tool.

Verifying support for your configuration in the IMT

You can use the NetApp Interoperability Matrix (IMT) to verify product support for your configuration: Data ONTAP software, host operating system, and so on. Verify support for your configuration before you install or upgrade to the new release.

Steps

1. Access the IMT.

[NetApp Interoperability Matrix Tool](#)

2. If OnCommand Shift is not the selected Storage Solution, click **Change** and select it under the **Server Suite** category.



3. In the **Component Explorer** pane, select each component you want to verify and click **Add** when prompted.

When you add an item, incompatible items are grayed out.

Tip: Select the parent of a set of components to select all of its children.

4. When you are satisfied with your choices, click **Show Results**.

The IMT lists each supported configuration.

5. You can:

- Scroll across a configuration to view the supported components and any notes or alerts for the configuration.
- Click the configuration name to display complete information for supported components, including support history and NetApp policies and guidelines for the selected Storage Solution category.

6. If no results are returned for your configuration, use the feedback wizard to report the problem to technical support:

- a. Click **Feedback** in the upper right corner of the IMT.
- b. Select **I cannot find my configuration** and then click **Next**.
- c. Choose OnCommand Shift in the **Solution** drop-down list and then type your comments and click **Submit**.

Known limitations

Known limitations identify platforms, devices, or functions that are not supported by this release of the product, or that do not interoperate correctly with it. Review these limitations carefully.

Unsupported VM guest OS

Windows Server 2003

Windows Server 2012 Foundation

Unsupported hypervisor platforms

Windows Server 2008 Hyper-V

Windows Server 2008 R2 Hyper-V

vSphere ESX and ESXi 4.x

vSphere ESX and ESXi 6.0

vCenter Server

OnCommand Shift does not support vCenter Server; you cannot use your vCenter Server IP address for your hypervisor map. You must use your ESXi Server for your hypervisor map for host name, IP address, user name, and password when using `Set-ShiftHypervisorConfig`.

Microsoft System Center

OnCommand Shift does not support Microsoft System Center; you cannot use your Microsoft System Center IP address for your hypervisor map. You must use your Hyper-V Server for your hypervisor map for host name, IP address, user name, and password when using `Set-ShiftHypervisorConfig`.

IPv6

IPv6 is not supported; only IPv4 is supported.

MetroCluster

OnCommand Shift does not support MetroCluster.

Internationalization

OnCommand Shift does not support non-English versions for product installation, guest OS, and hypervisors.

Known issues

Known issues identify problems that might prevent you from using this release of the product successfully. NetApp Bugs Online provides complete information for most known issues, including any workarounds.

[NetApp Bugs Online](#)

If a Bugs Online report is available, the bug ID contains a hyperlink to the report.

Known issues identified in this release

The following issues have been added to the release notes since the last release:

Bug ID	Description
881118	Multiple dynamic volumes with multiple disks do not get preserved after Hyper-V to ESX conversion operation
883971	NetApp OnCommand Shift conversion operation can be interrupted by Windows Product Activation
893280	There is no cmdlet to restart the Shift Server
894171	Connecting to remote server failed due to time and/or date difference
896828	ESX to Hyper-V conversion failed to uninstall VMware tools because Windows Update was in progress
900355	Uninstall Apache Tomcat before JRE
903038	Get-Module reports Data ONTAP PowerShell toolkit version as 3.2 instead of 3.2.1
905136	Multi-byte characters are not preserved in virtual machine names when performing a conversion operation
907744	When ESX guest OS username is wrong, NetApp OnCommand Shift does not abort quickly

Where to get help and find more information

The NetApp Support Site provides access to troubleshooting tools, product documentation, and technical assistance. You can use NetApp Community forums to connect with peers, and the NetApp Library to access technical reports and white papers.

- [*NetApp Support*](#)
Access troubleshooting tools, product documentation, and technical support assistance.
- [*NetApp Communities*](#)
Connect with peers, ask questions, exchange ideas, find resources, and share best practices.
- [*NetApp library of technical reports and white papers*](#)
Access technical reports, white papers, and other documents.

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If you have suggestions for improving this document, send us your comments by email to doccomments@netapp.com. To help us direct your comments to the correct division, include in the subject line the product name, version, and operating system.

If you want to be notified automatically when production-level documentation is released or important changes are made to existing production-level documents, follow Twitter account @NetAppDoc.

You can also contact us in the following ways:

- NetApp, Inc., 495 East Java Drive, Sunnyvale, CA 94089 U.S.
- Telephone: +1 (408) 822-6000
- Fax: +1 (408) 822-4501
- Support telephone: +1 (888) 463-8277

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