

NetApp® System Manager 1.0.1

Release Notes

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Topics covered

Topics covered

All of the information in this document applies to NetApp System Manager 1.0.

The following topics are covered in these release notes:

- ◆ [“Features”](#) on page 2
- ◆ [“Updates for NetApp System Manager 1.0.1”](#) on page 5
- ◆ [“Known issues”](#) on page 7
- ◆ [“Documentation corrections”](#) on page 9

Features

NetApp System Manager overview

NetApp® System Manager enables you to set up and manage storage elements such as disks, volumes, and aggregates in a Microsoft® Windows® environment. You can use System Manager to quickly and efficiently set up NetApp storage systems. You can also use this tool to configure protocols such as CIFS and iSCSI, provision file sharing and applications, and monitor and manage your storage systems.

About this release

The System Manager software includes the following features:

- ◆ Seamless Windows integration
System Manager integrates seamlessly into your management environment by using the Microsoft Management Console (MMC).
- ◆ Discovery and setup of storage systems
System Manager enables you to quickly discover a storage system or an active/active pair on a network subnet. You can easily set up a new system and configure it for storage.
- ◆ SAN provisioning
System Manager provides a workflow for LUN provisioning, as well as simple aggregate and FlexVol® creation.
- ◆ Network-attached storage (NAS) provisioning
System Manager provides a unified workflow for CIFS and NFS provisioning, as well as management of shares and exports.
- ◆ Management of storage systems
- ◆ System Manager provides ongoing management of your storage system or active/active configuration.
- ◆ Streamlined active/active pair management
System Manager provides combined setup for active/active configuration of NetApp systems, logical grouping and management of such a configuration in the console or navigation tree, and common configuration changes for both systems in an active/active configuration.
- ◆ Systray (Windows notification area)
System Manager provides real-time monitoring and notification of key health-related events for a NetApp system.
- ◆ iSCSI and FC

System Manager manages iSCSI and Fibre Channel protocol (FC) protocol services for exporting data to host systems.

Supported software and hardware platforms

For the latest information about which software and hardware platforms System Manager supports, see the Interoperability Matrix Tool (IMT) at <http://now.netapp.com/NOW/products/interoperability/>.

System requirements for NetApp System Manager 1.0

Check the NetApp Interoperability Matrix Tool (IMT) <http://now.netapp.com/NOW/products/interoperability/> for the most up-to-date system requirements or recent qualifications.

- ◆ Windows XP Pro SP2 and later
- ◆ Windows Vista® Enterprise SP1
- ◆ Windows Server 2003 SP2
- ◆ Windows Server 2008
- ◆ Microsoft Management Console (MMC) 3.0
- ◆ Microsoft .Net 2.0.
- ◆ Any NetApp storage system running Data ONTAP 7.2.3 or later.
NetApp System Manager does not support Data ONTAP 8.0 or later.
- ◆ V-Series and MetroCluster are not supported.

License requirements

System Manager is an unlicensed application and is free to download, install, and use. However, you need storage system software licenses to enable certain services and features on your storage system, such as active/active configuration and NFS.

Many of the software licenses you need for your storage system services and features are installed on the storage system at the factory. So you should not need to enter the license code during initial setup of the storage system except for special circumstances.

Note

For active/active configurations, you must install licenses on both systems.

Updates for NetApp System Manager 1.0.1

About this release

NetApp System Manager 1.0.1 adds support for NetApp storage systems running Data ONTAP 7.2.3 or later.

It does not support Data ONTAP 8.0 or later, V-Series, and MetroCluster.

Bug fixes

The following table lists the bugs fixes for NetApp System Manager 1.0.1.

Bug ID	Description
360643	Issue: A volume is deleted when you try to delete a Snapshot™ copy. Solution: When you select a Snapshot copy of a volume for deletion, NetApp System Manager displays the volume in gray color and disables the Delete button for the volume. This ensures that you do not delete the volume by mistake.
371883	Issue: When you add a LUN to your active/active configuration, NetApp System Manager adds it but does not check whether the LUN ID is valid before mapping the LUN. Solution: NetApp System Manager checks the validity of a LUN ID before adding it. Also, when you create a new initiator group on a storage system, NetApp System Manager informs the storage system's active/active configuration partner that you have created a new initiator group.
378513	Issue: Incorrect display of the latency graph in the Performance pane. Solution: You can now see the correct latency graphs for your storage systems and active/active configurations.

Bug ID	Description
377217	Issue: When you try to configure a storage system that is already configured, the Storage System Setup wizard displays a warning message that only warns you that your current configuration will be erased, without warning that the CIFS is set up to the "workgroup" mode. Solution: The warning message is now enhanced to state that running the Storage System Setup wizard on a configured storage system overwrites your original configuration and applies the default settings, and that the CIFS is set up to the "workgroup" mode.

Known issues

Scope of this section

This section describes issues known to exist in System Manager. For the latest information about workarounds, see the Bugs Online and Release Tools page on the NOW™ site.

To access this page, follow these steps:

1. From a Web browser, go to the NOW site at <http://now.netapp.com>.
2. In the Technical Assistance and Documentation section, click Bugs Online and Release Tools.

MMC snap-in issues on system using Windows 2008 and Windows Vista

To be able to add the System Manager snap-in to an MMC, you must launch MMC with the /32 command line switch. SnapDrive® only installs the 64-bit version of the application on 64-bit systems. As a result, SnapDrive and System Manager cannot coexist in the same MMC. This only applies to MMC running on Windows 2008 and Windows Vista.

Workaround: Use another MMC to host System Manager.

NetApp System Manager 1.0 does not support UNIX permission values for CIFS shares

NetApp System Manager 1.0 does not support UNIX permission values for CIFS shares. If you modify shares with UNIX permissions, those permissions will be unset on commit.

NetApp System Manager 1.0 supports only "Read", "Write", "Full Control" and "No Access" Windows supported permissions for CIFS shares.

Workaround: UNIX permission can be restored using FilerView® or the CLI.

NAS wizard summary page shows denied permission as allowed

The Create Share and Export wizard does not display the correct permissions for a new export if permissions are set to deny a specific access.

Workaround: None needed. The permissions are set correctly by the wizard. They just do not display correctly in the results page of the wizard.

Create Share and Export wizard does not support NFS read-write permissions for all systems and denying NFS read-write permission for a single host

When you create an NFS export using the Create Share and Export wizard, you cannot allow read-write permission for all systems and then deny read-write permission for a single host. If you do this, the system will display the error "Invalid argument".

Workaround: Remove the entry allowing read-write access for all systems, and add the permissions for each host individually as needed.

Documentation corrections

This section contains information that will be added to the System Manager Help for the next release.

Help topic incorrect for ability to toggle between autogrow and autodelete for flexible volumes

The System Manager Help does not document the ability to toggle between Autogrow and Autodelete for flexible volumes after they have been created. This feature is available on the Auto Size tab in the Edit Volume dialog box. You can select and unselect the ability to allow a volume to grow automatically within an aggregate. If this feature is selected, the volume can grow as needed, if its parent aggregate has enough room.

Help topic incorrect for FCP window Service tab

The FCP window Service tab Help topic includes an FCP configuration heading. This heading is no longer included in the application window.

Help topic incorrect for iSCSI window Service tab

The iSCSI window Service tab Help topic includes an iSCSI Configuration heading. This heading is no longer included in the application window.

Help topic is incorrect for Edit Settings dialog box Share options tab

The Edit Settings dialog box Share options tab Help topic does not match the application window. The Help topic should include the following information:

Options

When following symbolic links, allow destinations:

- ◆ Within this share
- ◆ Outside this share

Enable virus scanning:

- ◆ For all file accesses
- ◆ When files are opened for reading

Confirmation step incorrect in some procedures

The confirmation step should indicate that you should click Delete instead of Yes for the following procedures:

- ◆ Deleting an initiator group
- ◆ Deleting an initiator
- ◆ Taking an FCP adapter offline
- ◆ Restoring a Snapshot copy
- ◆ Starting and stopping an FCP service
- ◆ Starting and stopping the iSCSI service
- ◆ Deleting a storage system

NetApp System Manager 1.0 Quick Start Guide system requirements are incorrect

The system requirements for Windows XP Pro SP are incorrect in the NetApp System Manager 1.0 Quick Start Guide. NetApp System Manager 1.0 supports Windows XP Pro SP2 and later.

List of supported Data ONTAP LUN types is incorrect in Help

System Manager supports the following Data ONTAP LUN types:

Data ONTAP version	Supported LUN types
7.2.3	Solaris® Windows HP-UX® AIX® Linux® Netware VMware® Windows GPT
7.2.4	Solaris Windows HP-UX AIX Linux Netware VMware Windows GPT

Data ONTAP version	Supported LUN types
7.2.5	Solaris Windows HP-UX AIX Linux Netware VMware Windows GPT Windows 2008
7.2.6	Solaris Windows HP-UX AIX Linux Netware VMware Windows GPT Windows 2008 Solaris EFI
7.3	Solaris Windows HP-UX AIX Linux Netware VMware Windows GPT Windows 2008 Open VMS

Data ONTAP version	Supported LUN types
7.3.1	Solaris Windows HP-UX AIX Linux Netware VMware Windows GPT Windows 2008 Xen Hyper-V™ Open VMS