

NetApp® System Manager 1.1R1

Release Notes

NetApp, Inc.
495 East Java Drive
Sunnyvale, CA 94089 USA
Telephone: +1 (408) 822-6000
Fax: +1 (408) 822-4501
Support telephone: +1 (888) 4-NETAPP
Documentation comments: doccomments@netapp.com
Information Web: <http://www.netapp.com>

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System Manager Release Notes

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

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New and changed features

System Manager 1.1R1 is an update to System Manager 1.1 to correct the issues described in bug ID 414773 and bug ID 404744.

Note: All customers using System Manager versions 1.0, 1.0.1, or 1.1 should upgrade to System Manager 1.1R1.

New features in System Manager 1.1

Quota management	System Manager helps you to manage your quotas. You can create, edit, configure, and delete quotas using a wizard. You can also define quotas when you create a volume or qtree using the Quotas tab in the Volume Create and Qtree Create dialog boxes.
V-Series support	System Manager provides complete support for V-Series system array LUNs. An array LUN is a group of disks or disk partitions in a span of storage space.
Large aggregate support (16 TB and larger)	When configured in Data ONTAP 8.0, System Manager supports aggregates larger than 16 TB.
NFS protocol configuration	System Manager supports NFS protocol configuration using the System Manager GUI.
Secure password	When you set up a NetApp storage system using System Manager, ensure that the storage system password has a minimum of eight characters and at least one numeral in it. This additional level of secure password is introduced in System Manager 1.1.

System support and license requirements

For the latest information about system requirements and which software and hardware platforms System Manager supports, see the Interoperability Matrix.

System support

V-Series systems are supported. MetroCluster, SnapMirror, vld LUN type, and MultiStore are not supported.

Note: System Manager is supported on the 2.0 and 3.5 versions of Microsoft .NET Framework.

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 (HA pair) 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. You do not have to enter the license code during initial setup of the storage system except for special circumstances.

Note: For active/active configurations (HA pair), you must install licenses on both systems.

Related information

[*Interoperability Matrix Tool \(IMT\)*](#)

Fixed issues

Some issues are fixed in this release of System Manager. For a complete list of known issues fixed in System Manager, see the Bug Tools page on the NOW site.

Note: To filter your search results, go to the Product Type(s) list in the Advanced Search area and select System Manager.

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Related information

[*Bug Tools - now.netapp.com/NOW/cgi-bin/bol*](http://now.netapp.com/NOW/cgi-bin/bol)

Unexpected deletion of igroup during LUN creation or changing the mapping of a LUN

When you create a LUN or change the mapping of an existing LUN, an existing initiator group (igroup) is deleted if you specify the same igroup name in the **Add Initiator Host** dialog box.

For more information, enter the bug ID 414773 on the Bug Tools page.

Lowercase or uppercase iSCSI igroup names in System Manager might conflict with Microsoft practices

System Manager allows iSCSI igroups to be created with same names but with uppercase or lowercase characters. However, Microsoft Windows views these igroups as the same igroup.

For example, System Manager views "VMLUNS" and "vmLUNs" as different igroups, whereas Microsoft Windows views them as the same igroup. When System Manager creates a new igroup (for example, VMLUNS) Windows takes this new igroup and disassociates the older igroup (vmLUNs) with the same name from the associated LUNs.

For more information, enter the bug ID 404744 on the Bug Tools page.

Known issues

For the latest information about workarounds, see the Bug Tools page on the NOW site.

Note: To filter your search results, go to the Product Type(s) list in the Advanced Search area and select System Manager.

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Related information

[*Bug Tools - now.netapp.com/NOW/cgi-bin/bol*](http://now.netapp.com/NOW/cgi-bin/bol)

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

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. So SnapDrive and System Manager cannot coexist in the same MMC. This only applies to MMC running Windows 2008 and Windows Vista.

Workaround: Use another MMC to host System Manager.

Support issue for UNIX permissions values for CIFS shares

If you modify shares with UNIX permissions, those permissions will be unset on commit. System Manager supports only "Read", "Write", "Full Control" and "No Access" Windows supported permissions for CIFS shares.

Workaround: Restore UNIX permission using FilerView or the CLI.

Display issue with NAS wizard summary page

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. The permissions are set correctly by the wizard. They just do not display correctly in the results page of the wizard.

Read-write issue with Create Share and Export wizard

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 displays the following error message: `Invalid argument`.

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