

NetApp[®] System Manager 1.1

Quick Start Guide

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About this guide

You can use your product more effectively when you understand this document's intended audience and the conventions that this document uses to present information.

This guide describes how to install, configure, and use System Manager.

Next topics

Audience on page 9

Keyboard and formatting conventions on page 9

Special messages on page 10

How to send your comments on page 10

Audience

This document is written with certain assumptions about your technical knowledge and experience.

It also assumes that you are familiar with the following topics:

- Knowledge of how Hypertext Transport Protocol over Secure Sockets Layer (HTTPS) is used for file sharing or transfers
- Knowledge of how block storage protocols, such as FCP and iSCSI, work with SAN storage

Keyboard and formatting conventions

You can use your product more effectively when you understand how this document uses keyboard and formatting conventions to present information.

Keyboard conventions

Convention	What it means
The NOW site	Refers to <i>NetApp On the Web</i> at http://now.netapp.com/ .
<i>Enter</i> , <i>enter</i>	• Used to refer to the key that generates a carriage return; the key is named Return on some keyboards. • Used to mean pressing one or more keys on the keyboard and then pressing the Enter key, or clicking in a field in a graphical interface and then typing information into the field.

Convention	What it means
hyphen (-)	Used to separate individual keys. For example, Ctrl-D means holding down the Ctrl key while pressing the D key.
type	Used to mean pressing one or more keys on the keyboard.

Formatting conventions

Convention	What it means
<i>Italic font</i>	- Words or characters that require special attention. - Placeholders for information that you must supply. For example, if the guide says to enter the <code>arp -d <i>hostname</i></code> command, you enter the characters "arp -d" followed by the actual name of the host. - Book titles in cross-references.
Monospaced font	- Command names, option names, keywords, and daemon names. - Information displayed on the system console or other computer monitors. - Contents of files. - File, path, and directory names.
Bold monospaced font	Words or characters you type. What you type is always shown in lowercase letters, unless your program is case-sensitive and uppercase letters are necessary for it to work properly.

Special messages

This document might contain the following types of messages to alert you to conditions that you need to be aware of.

Note: A note contains important information that helps you install or operate the system efficiently.

Attention: An attention notice contains instructions that you must follow to avoid a system crash, loss of data, or damage to the equipment.

How to send your comments

You can help us to improve the quality of our documentation by sending us your feedback.

Your feedback is important in helping us to provide the most accurate and high-quality information. If you have suggestions for improving this document, send us your comments by e-mail to

doccomments@netapp.com. To help us direct your comments to the correct division, include in the subject line the name of your product and the applicable operating system. For example, *FAS6070—Data ONTAP 7.3*, or *Host Utilities—Solaris*, or *Operations Manager 3.8—Windows*.

MMC snap-in launch for systems using Windows 2008 and Windows Vista

If you have MMC (Microsoft Management Console) running on Windows 2008 and Windows Vista, launch MMC with the /32 command line switch to add the System Manager snap-in to the MMC.

SnapDrive and System Manager cannot co-exist in the same MMC because SnapDrive only installs the 64-bit version of the application on 64-bit systems. Use an MMC other than the one hosting SnapDrive to host System Manager.

Installing System Manager software

You must download System Manager software from the NOW site.

Before you begin

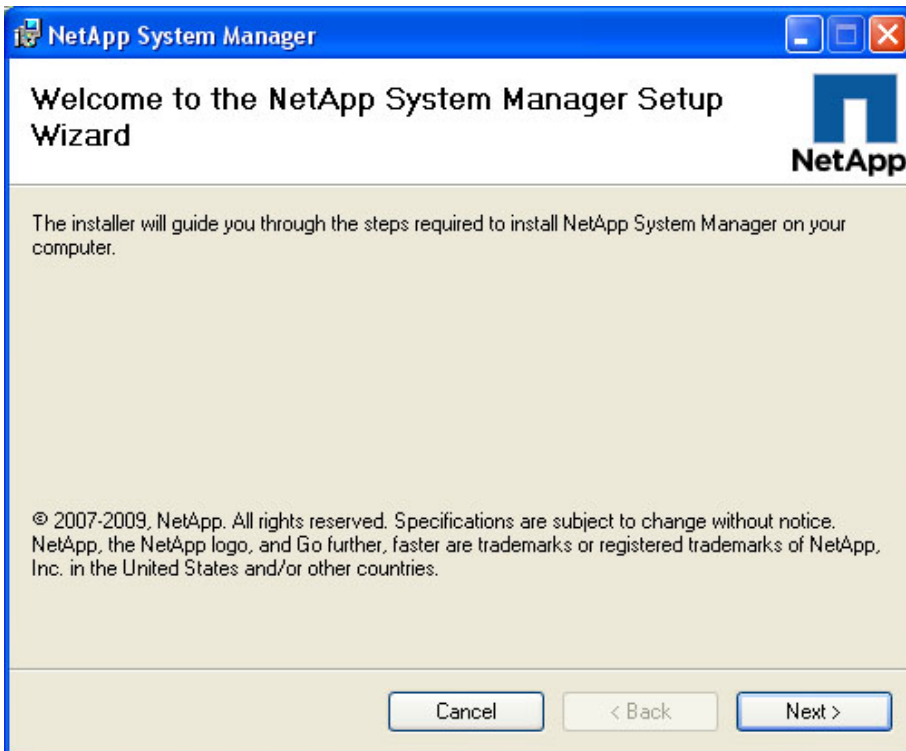
Close any earlier version of System Manager that is running on your system.

About this task

You do not need to uninstall System Manager 1.0, or System Manager 1.0.1 to upgrade to System Manager 1.1.

Steps

1. Run the executable (.exe) file and follow the instructions on the screen.
2. Type or select information as requested by the NetApp System Manager Setup wizard.



3. After the installation is complete, you can use any of the following methods to launch the application.
 - a. Click the NetApp System Manager icon on the desktop.
 - b. Click **Start > All Programs > NetApp > System Manager**.

Related information

[NetApp on the Web \(NOW site\)](#)

How to add or discover storage systems

When you first launch the System Manager application, you see the Welcome to NetApp System Manager page.

If you know its host name or IP address, you can add a storage system or an active/active configuration using the **Add Storage System** dialog box. You can use the **Discover Storage Systems** dialog box to discover storage systems or an active/active configuration on a network subnet and add them to the list of managed systems.

Adding a storage system

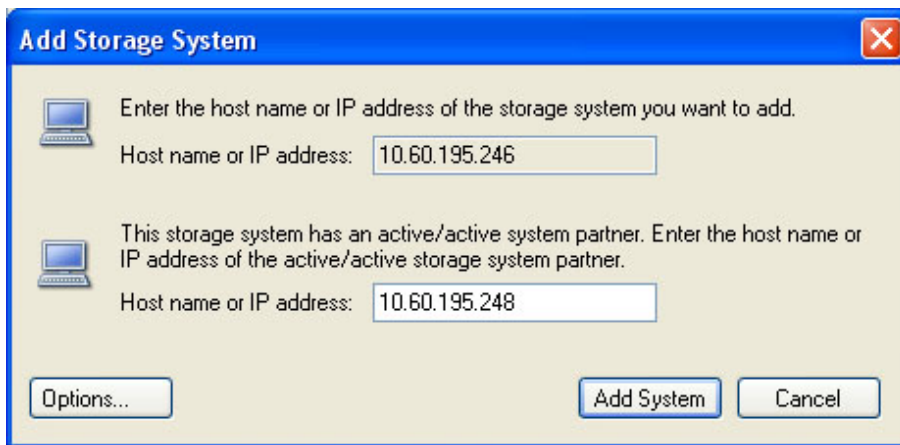
If you know its host name or IP address, you can add a storage system or an active/active configuration using the **Add Storage System** dialog box.

Before you begin

Ensure that DHCP is enabled on the network, which allows you to discover unconfigured storage systems to add to your list of managed systems.

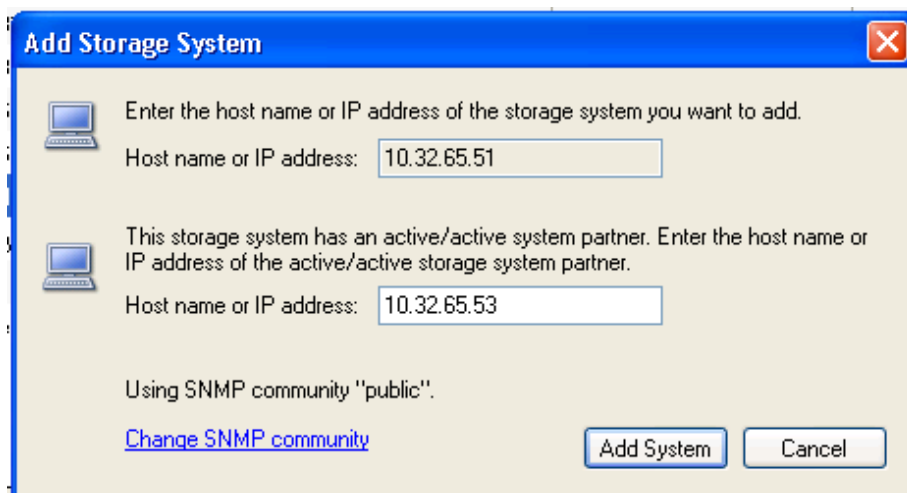
Steps

1. If you are not already in the main application window, from the console tree, click **NetApp System Manager**.
2. Click **Add**.
3. If you are adding a single storage system, type its host name or IP address.
4. If you are adding an active/active configuration, type a host name or IP address for each system, if prompted.



Note: If System Manager cannot connect to both systems, System Manager does not add either system to the list of managed systems.

5. Click **Change SNMP community** to specify an SNMP community.



Add Storage System

Enter the host name or IP address of the storage system you want to add.

Host name or IP address:

This storage system has an active/active system partner. Enter the host name or IP address of the active/active storage system partner.

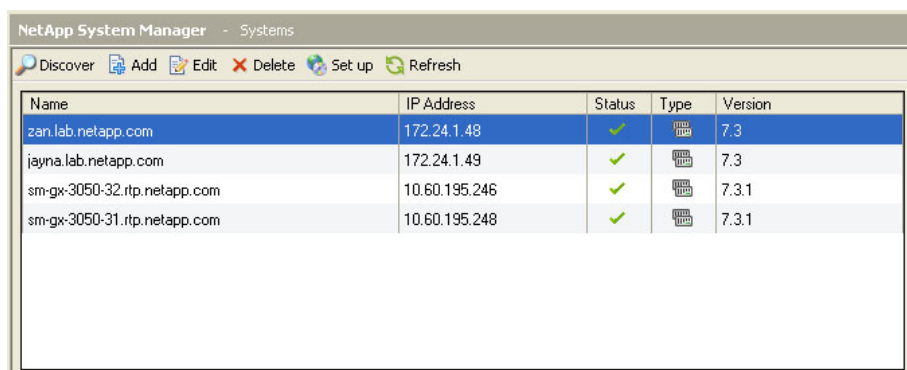
Host name or IP address:

Using SNMP community "public".

[Change SNMP community](#)

Note: You can specify the SNMP community used to discover your storage systems if you are using a non-public SNMP community. The default SNMP community is public.

6. Click **Add System**.
7. Verify that the storage system or the active/active configuration that you added is included in the list of managed systems.



NetApp System Manager - Systems

Discover Add Edit Delete Set up Refresh

Name	IP Address	Status	Type	Version
zan.lab.netapp.com	172.24.1.48	✓	Storage	7.3
jayna.lab.netapp.com	172.24.1.49	✓	Storage	7.3
sm-gx-3050-32.rtp.netapp.com	10.60.195.246	✓	Storage	7.3.1
sm-gx-3050-31.rtp.netapp.com	10.60.195.248	✓	Storage	7.3.1

Discovering storage systems

You can use the **Discover Storage Systems** dialog box to discover storage systems or an active/active configuration on a network subnet and add them to the list of managed systems.

Before you begin

Ensure that DHCP is enabled on the network, which allows you to discover unconfigured storage systems to add to your list of managed systems.

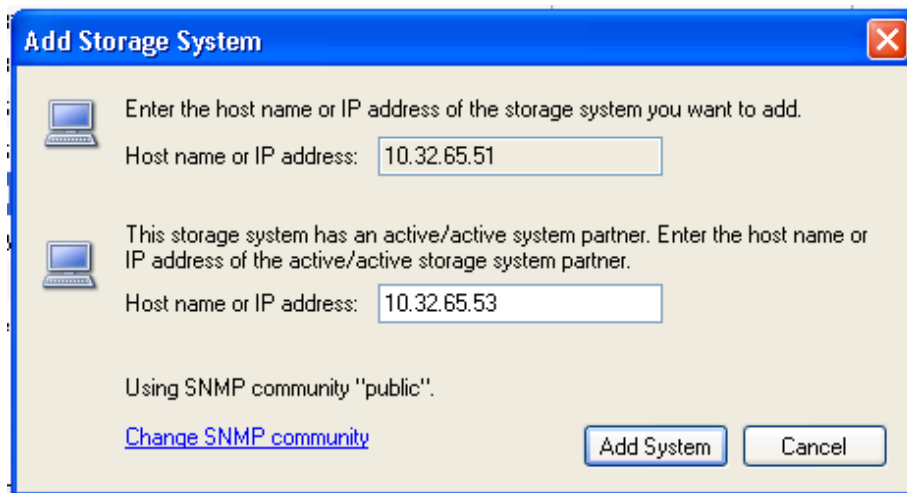
Steps

1. If you are not already in the main application window, from the console tree, click **Adding a storage system**.
2. Click **Discover**.
3. In the Host name or IP address field, type a storage system name or IP address and click **Discover**.

Note: You can type the IP address in any of the following formats: A.B.C.D, A.B.C, A.B.C.*, or A.B.C.D/24.

Note: If there are similar entries from previous searches, you can select one from the list instead of typing out the whole name or IP address.

4. If you want to view only storage systems that are not configured, make sure that the Show configured systems check box is not selected.
5. Click **Change SNMP community** to specify an SNMP community.



Note: You can specify the SNMP community used to discover your storage systems if you are using a non-public SNMP community. The default SNMP community is public.

6. If you are adding a single storage system, select one from the list of discovered systems and click **Add Selected Systems**.
7. If you are adding an active/active pair, select a storage system and click **Add Selected Systems**.
Note: The partner system is automatically added to the list of managed systems.
8. Verify that the storage system or the active/active configuration that you added is included in the list of managed systems.

Storage system setup

After you discover or add to the list of managed systems a new storage system or active/active configuration that has not been set up, you must first set up the system and then configure it for storage. A "New system (requires setup)" message is displayed on the main systems page if the system has not been set up. The system name is displayed if the system has been set up. You can use the **Storage System Setup** wizard to set up the system or active/active configuration.

Have the following information available for the storage system or active/active configuration that you want to set up:

- Host name or IP address
- Administrator's password
- Network address, gateway, and subnet

Additionally, you need to know the partner IP address in an active/active configuration.

After you set up a storage system using the **Storage System Setup** wizard, the main systems page is displayed if you set up a system from that page. If you set up a system from the **System Setup Dashboard** window, the system dashboard is displayed and you can log in to the system.

Setting up a storage system

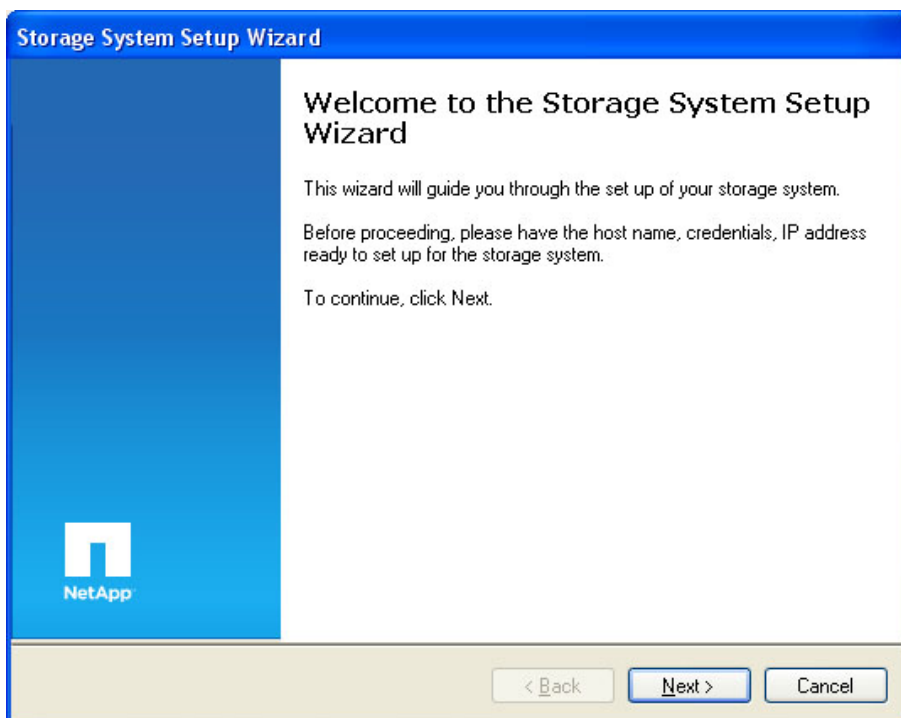
You can use the **Storage System Setup** wizard to perform the minimum configuration necessary to start and run a new storage system or an active/active configuration. When you set up an active/active configuration, all saved information applies to both storage systems.

Steps

1. If you are not already in the main application window, from the console tree, click **System Manager**.
2. Select the storage system that you want to set up.
3. Click **Set up** to start the **Storage System Setup** wizard.

Note: If you have not set up the storage system, click the discovered IP address of the system and click the link for the **Storage System Setup** wizard.

4. Type or select information as requested by the wizard.



5. Click **Finish** to save the specified information.

Storage system configuration

After you discover or add to the list of managed systems a storage system or active/active pair that has not been configured, you must perform some initial configuration on the system to start provisioning storage space. You can use the **Storage Configuration** wizard to configure the system or an active/active configuration.

Configuring a storage system

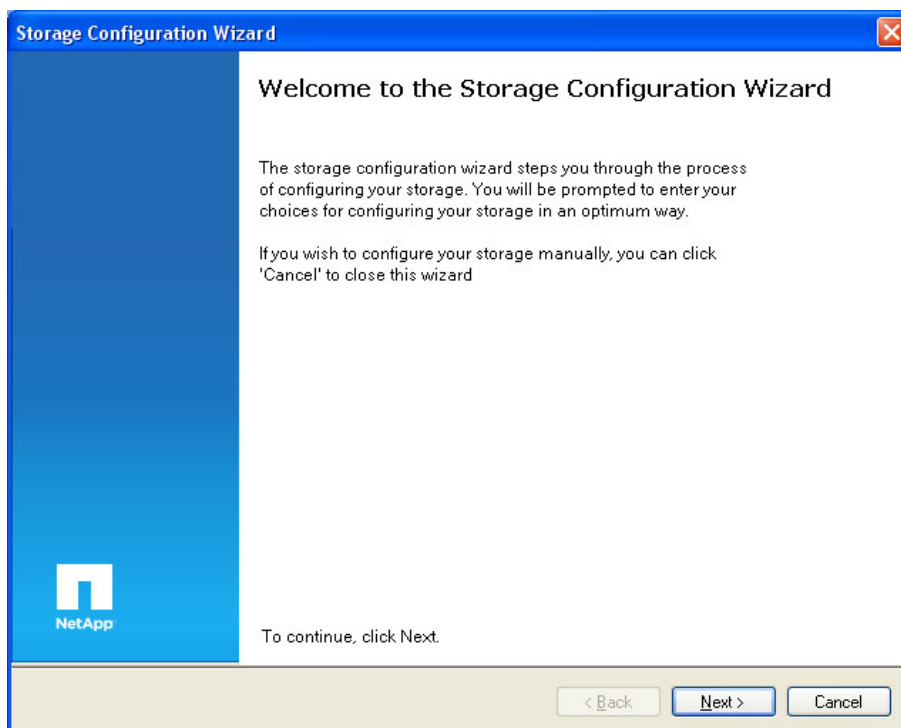
You can use the **Storage Configuration** wizard to configure your storage system or an active/active configuration. You must separately configure each storage system when you configure an active/active configuration.

About this task

When you try to configure a storage system that is already configured, the Storage System Setup wizard displays a warning message 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.

Steps

1. From the console tree, click the appropriate storage system to display a subtree of management features.
2. Click **Storage**.
3. Click **Storage Configuration Wizard** to start the **Storage Configuration** wizard.
4. Type or select information as requested by the wizard.



5. Click **Finish** to close the wizard.

System requirements and troubleshooting

You can install the System Manager application on the following host systems.

- 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

Storage systems running Data ONTAP 7.2.3 or later.

Click the following link to see a list of currently supported systems.

<http://now.netapp.com/NOW/products/interoperability/>

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