NETGEAR

Stora

User Manual

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May 2011
202-10540-05

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Getting Started

1

This chapter provides an overview of the NETGEAR Stora.

Topics discussed in this chapter include:

- *About NETGEAR Stora*
- *Standard and Premium Features*
- *File Types*
- *Media Server*
- *iTunes Client*
- *Mobile Devices*

About NETGEAR Stora

NETGEAR Stora is a highly secure and stable home server that lets you collect, store, manage, share, and enjoy your digital media content, including personal photos, music, videos, and documents. It is easy to drag and drop digital media to Stora, catalog it into folders, and share it by creating albums.

Stora is compatible with a wide range of hardware platforms and allows you to access your content through digital media players on your home network, or from any computer in the world through the web. You can even view your content on a mobile handheld device. You can also set up Stora to automatically back up your content, saving it from data loss.

Stora offers the following functions:

- **Store**. Securely store all your digital media in one place and to upload content from a computer on the home network. Use Stora to back up any PC and Mac on your home network. The Desktop Mirror software automatically backs up selected folders on a regular basis. Backed-up content is always available, even when the computer is turned off. See *Chapter 4, Stora Agent*, for more information.
- **Manage**. Organize your digital media into shared FamilyLibrary folders or into the private MyLibrary folders. After you upload a file, you can add a caption and tags to the file. Later you can search for files that match the caption and tags. See *Chapter 5, Stora Application*, for more information.
- **Share**. Create albums to share your digital media with family on your home network and friends across the Internet. You can even share selected content with the public, while keeping private media secure. For example, you can put the latest baby pictures in a shared album, and let friends and family know they are available through email or Facebook. See *Working with Albums* on page 77 for more information.
- **Enjoy**. Show digital media on computers and media players on your home network. The media server built into your Stora makes content available to a wide variety of media players that support standard network access, and the UPnP-AV, DLNA, or Windows Media Connect standards. This way you can view photos through NETGEAR NTV250, NTV350, NTV550, as well as an Xbox 360 or PS3 in the living room, while listening to music through a networked sound system in the family room. See *Media Sources Area* on page 64.
- **Print**. Connect a USB printer to Stora, and then share the printer with all the computers on your home network. See *Connect a Printer* on page 49.

Standard and Premium Features

Premium features extend Stora capabilities and are available to licensed users. The following table outlines the main standard and premium features.

Feature	Standard	Premium
User accounts	5	unlimited
Remote access to Stora applications and folders; manage your Stora from anywhere	x	x
Mobile access and device support	x	x
Facebook integration and support	x	x
FTPS integration		x
RSS integration and support		x
Cooliris picture wall view		x
Flickr integration and support		x
Access to new Premium features added during your subscription period		x

To access premium features, you can upgrade your subscription at the time of installation, or at any time after installation. For a complete list of premium features, see *Premium Subscription Offerings* on page 55.

For information about upgrading your subscription, see *Stora Premium Subscription* on page 106.

For information about using the premium features, see *Chapter 7, Premium Features*.

File Types

The Stora Application uses an internal player to provide high-performance playback for the following file types.

Media Class	Supported Formats
Image	JPEG, GIF, PNG
Audio	MP3
Video	MPEG-4 (H.264), MOV, FLV

The Stora Application uses third-party media players and some plug-ins, such as Windows Media Player and QuickTime, to play additional content types such as image, audio, and video files.

Also, depending on your browser settings, Stora stores other file types as documents that can be downloaded or opened using third-party players. For a list of supported file types, consult your browser's plug-in specifications.

Media Server

The media server built into Stora makes content available to a wide variety of media players on your home network. The media player needs to support the UPnP-AV (Universal Plug and Play - Audio Visual), DLNA (Digital Living Network Alliance), or Windows Media Connect standard.

Media players include gaming consoles (Xbox 360 and PS3), digital photo frames, iTunes clients, IP televisions, networked sound systems (such as Sonos), digital video players (Roku or NETGEAR NTV250, NTV350, and NTV550), and many more.

See *Share with Media Players* on page 113 for more information.

iTunes Client

An iTunes client on the network can access music stored on Stora. The music files need to be within folders or albums that are configured to share with digital media adapters (DMAs) or media players. Music files appear in the SHARED > Stora:iTunes folder.

See *iTunes* on page 116 for more information.

Mobile Devices

You can use a variety of mobile devices to access your Stora. Mobile devices accessing Stora over the Internet are automatically redirected to a mobile interface. In turn, Stora automatically optimizes the mobile interface for the device.

Depending on the device, mobile users can do the following:

- Browse albums
- Browse folders in the Media Library
- Create new folders
- Upload media directly from the mobile device to Stora

After you set up your Stora, you can access it from a mobile device by visiting *http://www.myStora.com/mobile.*

Stora supports the following mobile devices:

- iPhone
- iPad
- Blackberry
- Android
- Windows Mobile 7 and WebOS support for mobile interfaces and phones

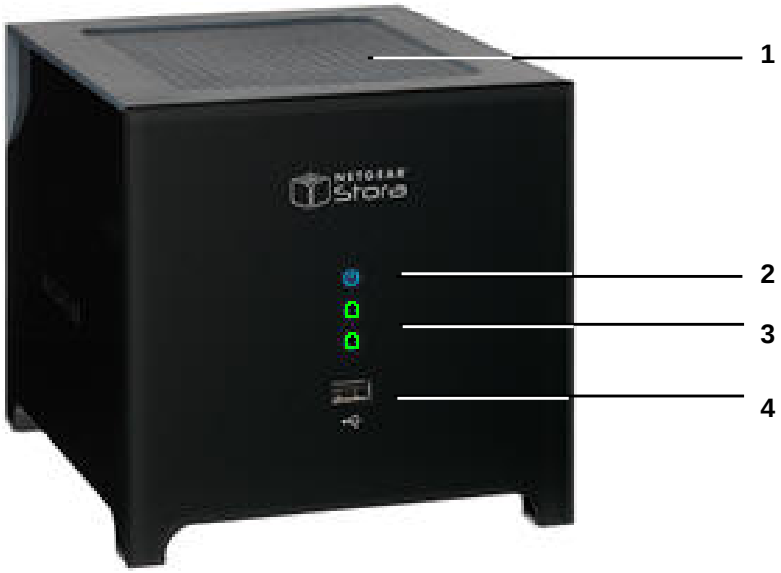
2 Stora Hardware

This chapter describes the physical features of the NETGEAR Stora. It includes the following topics:

- *Front Panel*
- *Disks and Disk Bays*
- *Rear Panel*
- *LED and Connector Descriptions*
- *Install a Disk*

Front Panel

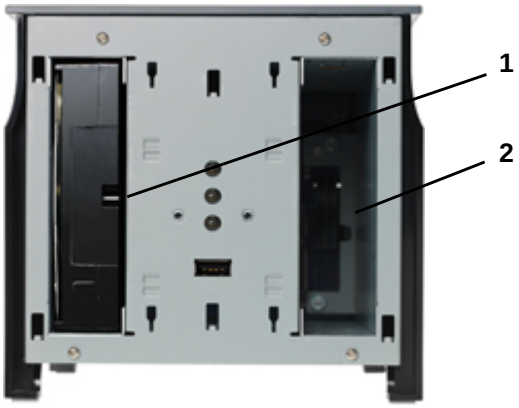
The following figure shows the Stora's front panel.



1. Exhaust fan vent
2. Power LED
3. Disk 1 and Disk 2 LEDs
4. USB port

Disks and Disk Bays

The following figure shows the Stora's disk bays, which are located inside the unit behind the front panel.

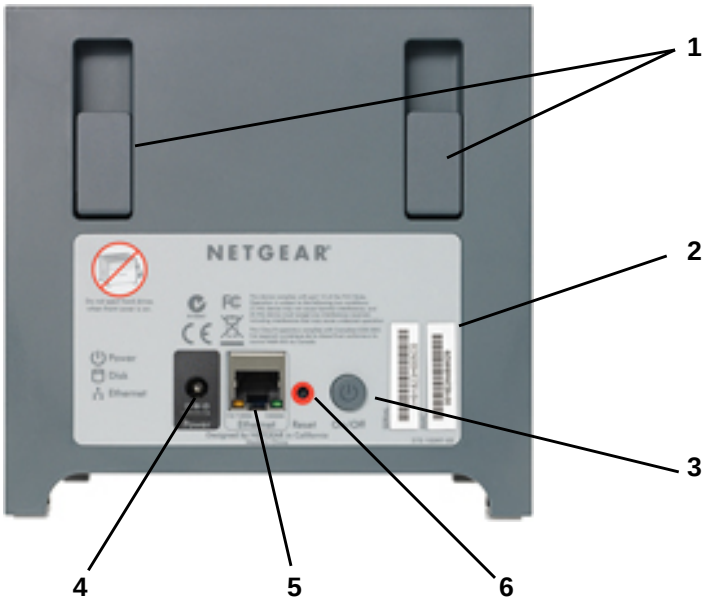


1. Disk 1 bay
2. Disk 2 bay

See *Install a Disk* on page 16 for information about installing, ejecting, and replacing disks.

Rear Panel

The following figure shows the Stora's rear panel.



1. Disk release latches
2. Unit serial number and network MAC address
3. Power button
4. Power cable socket
5. Ethernet port
6. Reset button

LED and Connector Descriptions

The following table describes the function of Stora hardware components:

Item	Description
Power button	• **Turn on Stora**. Press once. • **Turn off Stora**. To correctly shut down your Stora, press and hold the Power button for about 5 seconds. The blue light on the front panel blinks before shutting off. If the unit is hung, press and hold the Power button to force shutdown. **NOTE**: To save power, your Stora automatically goes into disk spin down mode when not used for 12 minutes.
Power LED	• **Solid blue**. Power is on. • **Blinking blue**. The Stora is booting up or shutting down. • **Not illuminated**. The system is powered off.
Disk 1: Top LED Disk 2: Bottom LED	• **On**. Disk is installed. • **Solid green**. Drive is operating normally. • **Blinking green**. Stora is booting up or shutting down. Also indicates activity such as copying data. • **Solid amber**. Drive is not ready; however, if the LED is solid amber constantly, it indicates a problem with the drive. Try one or more of the following troubleshooting tips: - Check that cables are securely connected and power is on. - Remove and then reinsert the disk. - Turn off Stora and turn it on again to reboot the system. • **Not illuminated**. No disk is installed.
USB port	Connect a USB drive and printer.
Ethernet port and LED	Ethernet connection LEDs: • **Solid amber**. Indicates a 10/100M connection. • **Solid green**.Indicates a 1G connection. • **Blinking green** or **amber**. Indicates link activity.
Power cable socket	Plug the power cable into the Stora system.
Reset button	Insert a paper clip or pen to reset Stora to its original factory default settings. Can also be used when changing your password.

Install a Disk

Stora comes with two drive bays. Each bay accommodates one SATA disk. The first bay is the primary storage disk. The second can be set up as a mirrored backup for your primary disk or can be used to expand your storage capacity. For more information, see *Disk Management* on page 107.

WARNING!

Be sure that the Stora power cord is unplugged before adding or removing disks. Failure to observe this precaution could render your disks useless.

The following procedure explains how to set up and install a single drive. If you purchased a Stora with only one installed drive, and you want to add a second drive, carefully repeat these same instructions.

➢ **To install a disk:**

1. Unplug the power cord.
2. Remove the front cover.

3. Press the lever on the back of the unit to unlock the drive.
4. Insert the disk, as follows:
   a. Ensure that the label is facing the outside of the unit.
   b. Slide the disk into place in either slot.
   c. Lock the drive in place and close the cover.

   The green LED on the front of Stora blinks continuously until the installed drive build process is complete.

A pop-up window displays asking if you want to use the disk for max capacity or max protection:

- RAID1 maximizes your protection.
- JBOD maximizes your capacity.

For more information, see *Disk Management* on page 107.

WARNING!

Stora formats hard drives differently than a computer does. Do not swap hard drives between a Stora and a computer or your data will be lost. See the Stora Hard Disk Compatibility List at *http://support.netgear.com/app/answers/detail/a_id/12109*.

Replace a Disk

If a disk fails in your Stora device, you are notified of the failure by e-mail. On the front of the Stora device, an amber LED might indicate a failed disk. The top LED is disk 1; the bottom one is disk 2. Take note of the failed disk.

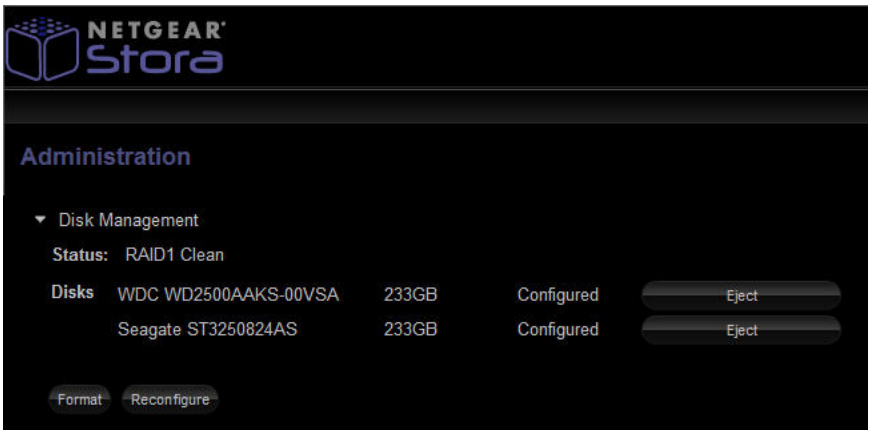
To ensure compatibility, check the Hardware Compatibility list on the NETGEAR support site for a list of disks qualified to be used in the Stora.

WARNING!

Be sure to power down the unit and unplug the Stora power cord before adding or removing the disks. Failure to observe this precaution, or hot-swapping a drive, could render your disks useless.

- **To eject a disk:**

  1. Open the Stora Application user interface.



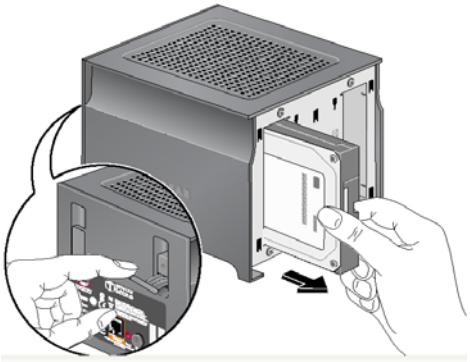
  2. Select **Preferences > Administration > Disk Management**.
  3. Click the **Eject** button for the disk you want to eject.

     See *Disk Management* on page 107 for more information about ejecting disks

- **To replace a disk:**

  1. View the disk status LEDs to identify which disk has failed.

     If necessary, unlock the tray lock by moving it to the right and press the release of the failed disk. The latch pops out.



  2. Pull out the disk and replace it with a new disk.
  3. Slide the disk tray back into the unit and secure the latch.

Note: To protect against data loss, add a second disk to your Stora to be used as a mirrored backup of the data on the first disk.

3. Installation

This chapter describes how to install your NETGEAR Stora system. It includes the following topics:

- *Initial Setup*
- *Install Desktop Applications*
- *Backup Options*
- *Access Your Stora*
- *Documentation, Tools, and More*
- *Reset Your Stora*

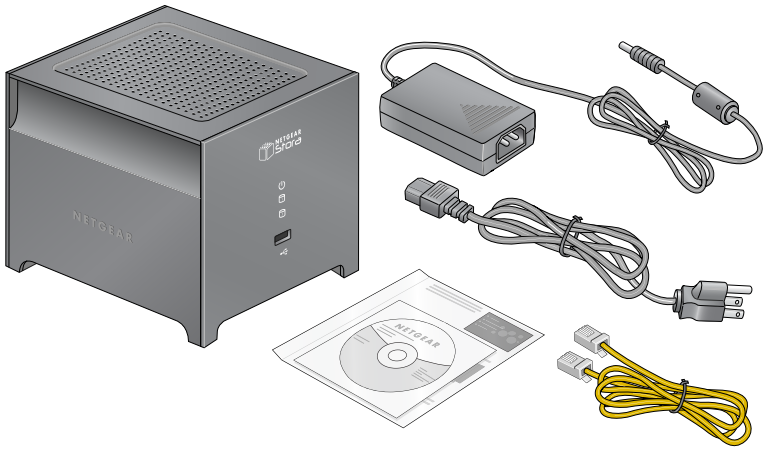
Initial Setup

NETGEAR Stora works with both Macintosh and PC computers and comes complete with everything you need to connect it to your network. An electronic copy of the installation guide is also located on the product CD and on the NETGEAR website at *http://netgear.com*.

Check Package Contents

Before starting the installation, unpack the unit and check your package contents to be sure all components are available:

- Stora unit
- Power cable
- Ethernet cable
- Installation guide
- Stora *Resource CD,* which includes the following:
  - Stora software applications
  - Warranty information card
  - Worldwide customer support information



Note: If you purchased a Stora unit with only one disk and want to add a second disk for redundancy, NETGEAR recommends that you first install your Stora, then connect Stora to your network and validate the installation before adding the disk. See *Install a Disk* on page 16 for installation instructions.

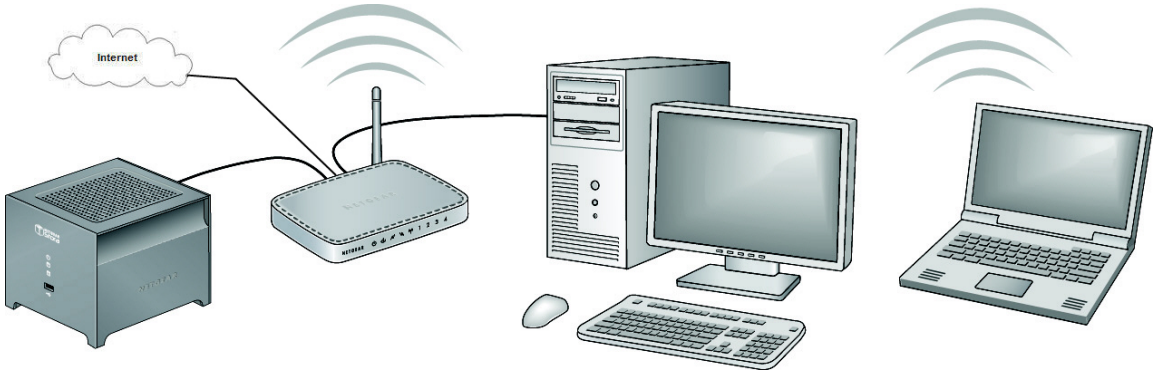
Connect Stora to Your Network

The initial setup completion time is approximately 20 minutes. Be sure your unit has ample ventilation. Avoid putting the unit in a location where it could be easily knocked over. Do not place items on top of Stora, or place liquids near or on top of the unit; the ventilation vents are on the top of Stora.

➢ **To connect Stora to your network:**

1. Connect one end of the provided Ethernet cable to your router and the other end to the back of Stora unit.
2. Plug in the power adapter to a power source and connect the other end to the unit.

   When you finish connecting your Stora unit, your network should resemble the following figure.



3. Press the **Power** button to power up your unit.

   The power LED flickers while the unit boots and obtains an IP address; then it turns solid blue. The first time you turn the unit on, the disk LEDs are solid amber. After you complete the setup, the disk LED indicators are solid green.

Note: The router in your network needs to have an Ethernet port available to connect the Stora unit to the router via the Ethernet cable. Your router also needs to be configured to automatically provide an IP address for your network devices.

Configure Your Stora

Use the CD that comes with the Stora unit to configure your device and make it ready for storing data. At this time you can also give your unit a unique name, and assign your own user name and password.

If you do not have the *Resource CD*, see you can download the setup software from the NETGEAR support website.

➢ **To download the Stora setup software:**

1. Using your browser, navigate to *support.netgear.com*.
2. In the **Find Your Product** field, enter **Stora NAS**.

   A search results page displays.
3. Click the link for your Stora model number.

   The product page displays.
4. From the product page, click the **Downloads** tab.
5. Click the link for the setup software for your operating system.

➢ **To run the Stora setup software from the *Resource CD*:**

1. Make a note of the product key.

   The product key is located on the *Resource CD* sleeve and on the bottom of Stora unit. Write the product key down, as it is required later in the installation process.
2. Insert the *Resource CD* into your computer.

   Wait approximately 2 minutes for the Setup program to initialize.

   The Welcome to Stora Setup screen displays.

   If the CD does not start automatically, go to **My Computer** and double-click **StoraSetup.exe** to start the Setup program.

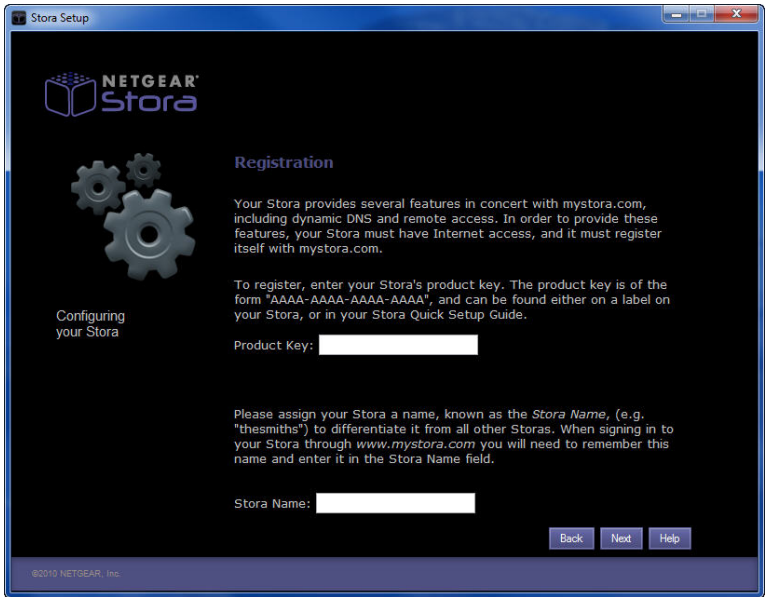
After a few minutes, the Setup screen changes to show a series of steps.

3. Click **Step 1: Set Up Your Stora**.

   The software license agreement displays.

4. Click the **I Accept** button.

   A registration screen displays.



5. Enter the product key that you noted in Step 1.

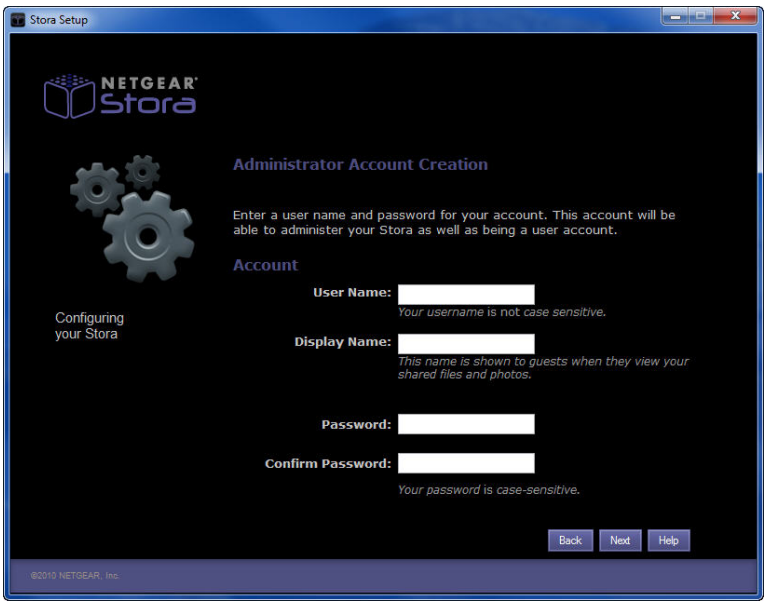
6. Enter a unique name for your Stora unit.

> **Note:** Each Stora name must be unique. If the name you choose is already a registered Stora name, you cannot use it. This is similar to choosing an email address.

7. Click **Next**.

   Your Stora registers at *http://www.mystora.com*.

   The Administrator Account Creation screen displays when the process is complete.



8. Enter a user name.

   This is the name you use to log in to the Stora system. Your user name is case-sensitive.

9. Enter a display name.

   This is a case-sensitive name that guests see when they view your shared files and photos.

10. Enter a case-sensitive password and confirm it.

    Be sure to make a note of your Stora name, your user name, and your password.

11. Click **Next** and follow the prompts to complete the setup process.

    A Summary screen displays. The Summary screen indicates the Stora IP address and automatically checks for any software updates that might have occurred since the CD was shipped.

12. Review the Summary screen and click **Next**.

    The Notifications screen displays.

13. Enter one or more email addresses where you would like to be notified of any updates or messages regarding your NETGEAR Stora unit.

    These messages contain update information, error information, and other information needed to keep your system running smoothly.

    To add more than one email address, separate the addresses using a comma.

14. **(**Optional) Upgrade to a Premium subscription.

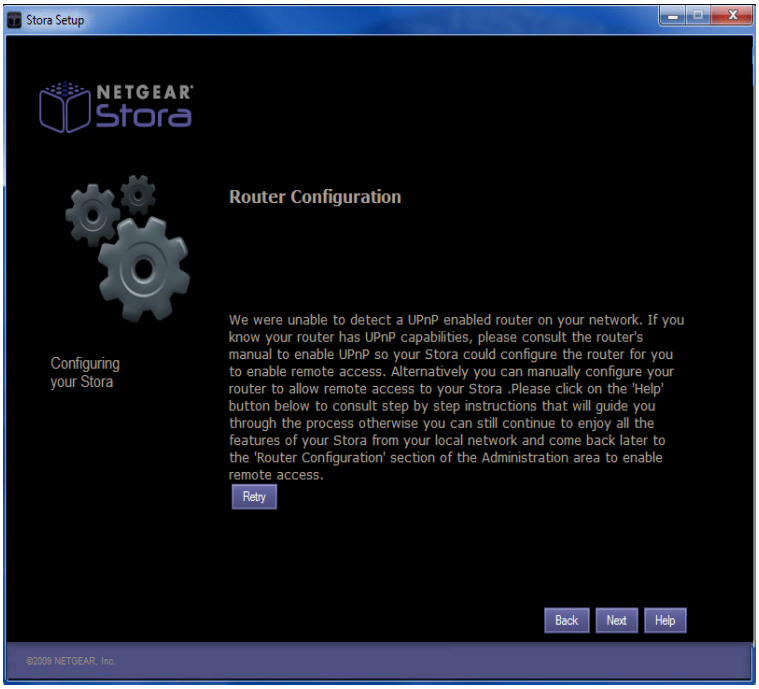
    During installation you have the option to upgrade your Stora subscription to include premium features not available with the Standard subscription.

    See *Standard and Premium Features* on page 8 for a list of premium features. You have the following options:

    - Click **Upgrade Now!** to start your premium service immediately.
    - Click **Continue Trial** to activate your 30-day free Premium trial period. You can always upgrade at a later time.

    For information about how to upgrade to a Premium subscription after the trial period ends, see *Stora Premium Subscription* on page 106.

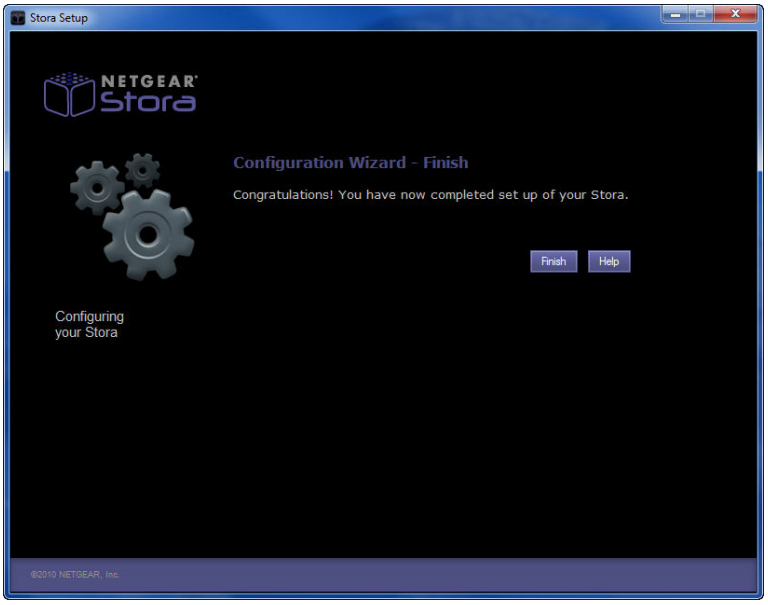
15. (Optional) Configure your router for UPnP.



This screen displays if Stora finds a setup problem with your UPnP router or if your router is not UPnP capable. Most users with newer routers should not see this message. See *UPNP Router Configuration* on page 99 and *UPNP Port Mapping* on page 99 for more information.

16. Click **Next**.

The Configuration Wizard - Finish screen displays.



17. Click the **Finish** button.

    The Setup screen displays with a check mark next to Step 1.

    You can do one of the following:

- Click **Exit** to end the installation.
- Click **Step 2** to install desktop applications.
- Click **Documentation, Tools and More** to see additional options.

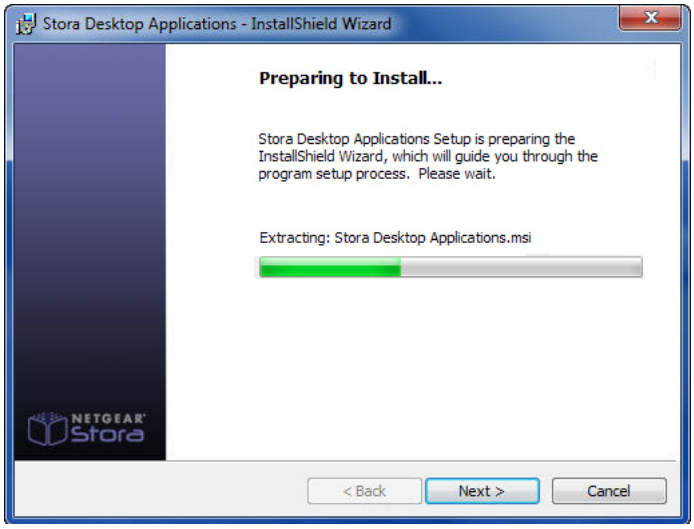
Install Desktop Applications

Stora comes with software applications to help you manage and administer the device. After you complete the initial configuration of your Stora, you have the option to install these applications.

➢ **To install desktop applications:**

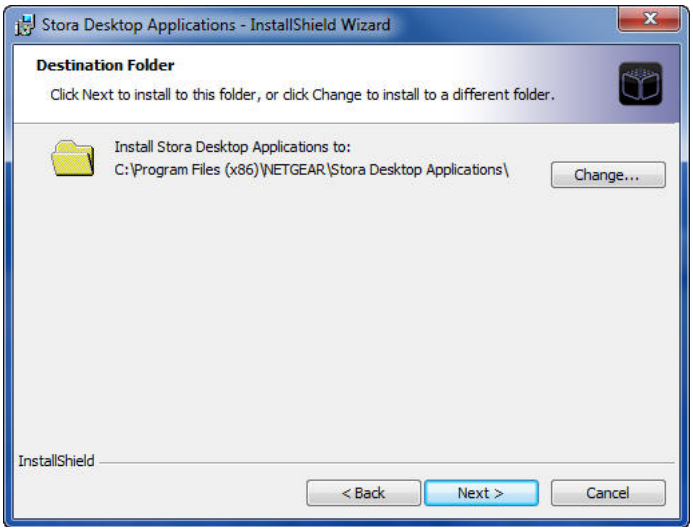
1. Click **Step 2: Install Desktop Applications**.

   The InstallSheild Wizard extracts the desktop applications and then displays a Welcome screen.



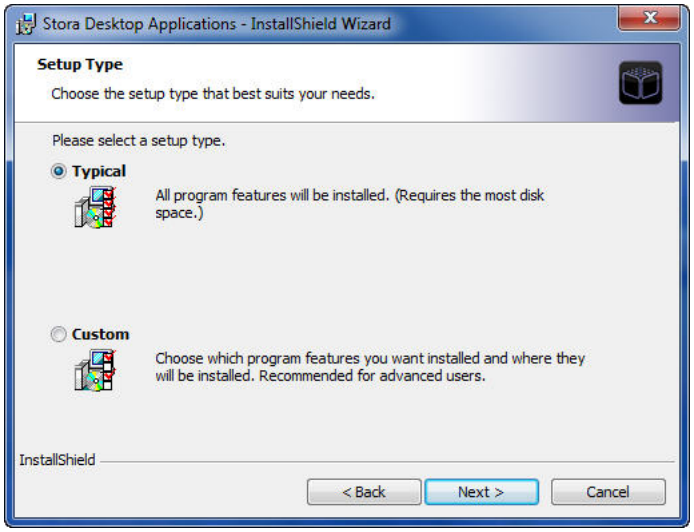
2. Click **Next**.

   The Destination Folder screen displays. You can accept the default destination or click the **Change** button to select a different destination.

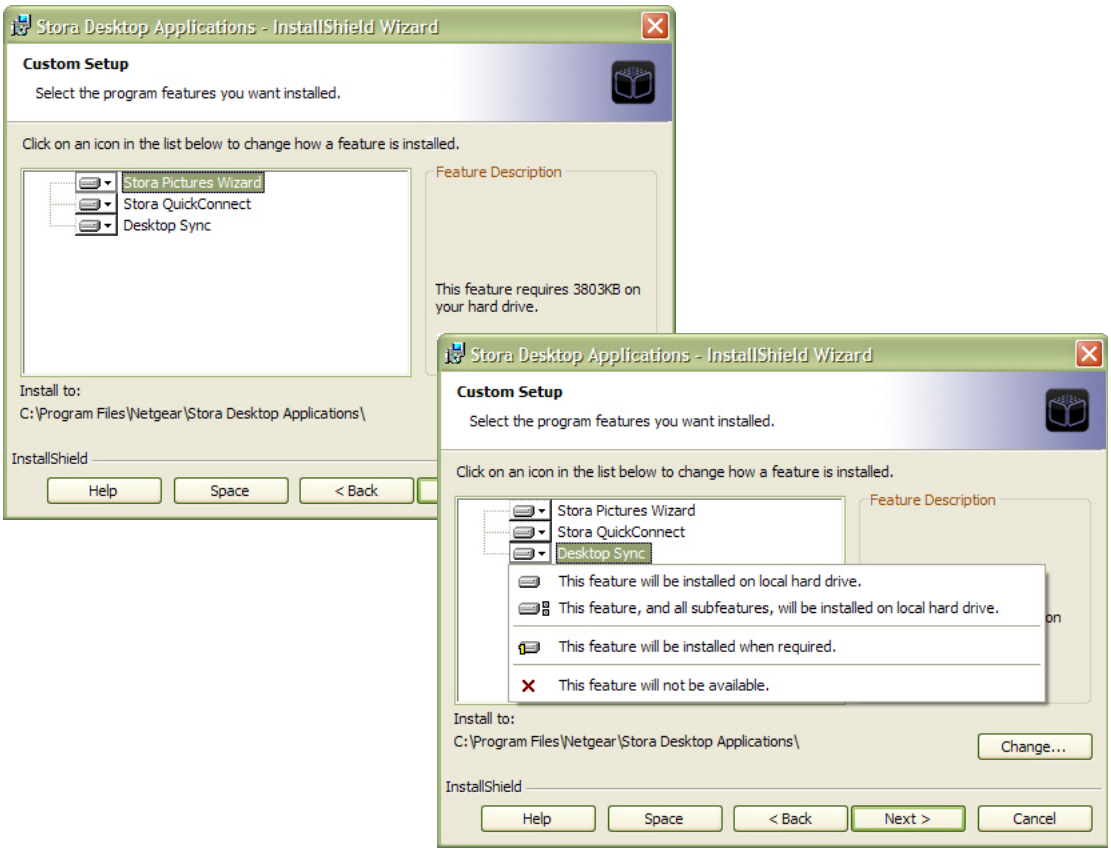


3. Click **Next**.

   The Setup Type screen displays.

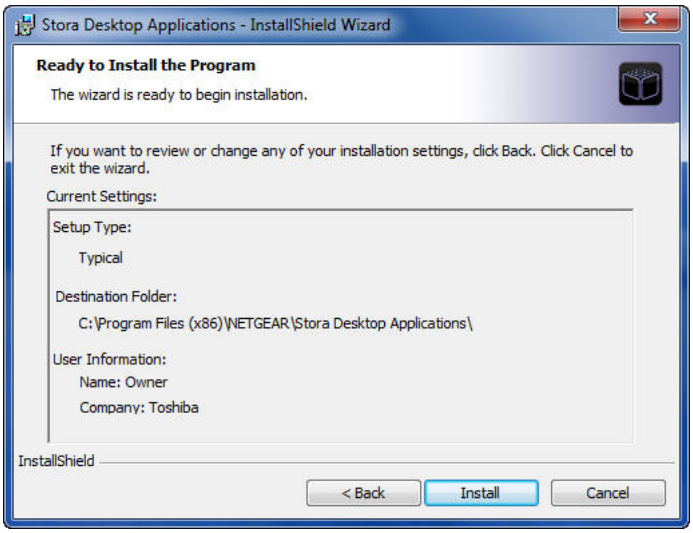


4. Select an option:
   - **Typical**. This is the recommended setup option.
   - **Custom**. Select which applications you want to install. If you select **Custom**, the following screens display:



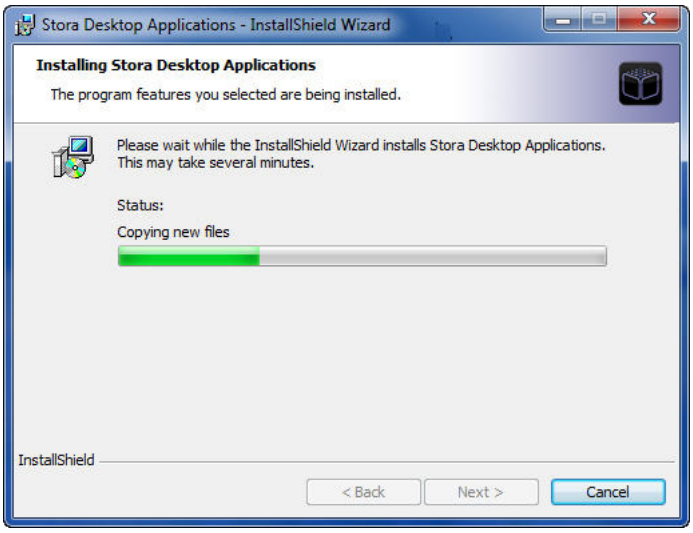
5. Click **Next**.

   The Ready to Install the Program screen displays.



6. Verify the settings and click **Install**.

   A progress screen displays.



   When the application installation completes, the Back and Next buttons become active.

7. Click **Next**.

   The InstallShield Wizard Completed screen displays.

8. Click **Finish**.

   The Setup screen displays.

A check mark next to Step 2 confirms that the applications were successfully installed.

Your Stora is now ready for you to use. You can do one of the following:

- Click **Exit** to end the installation.
- Click **Step 3** to schedule and configure a backup.
- Click **Documentation, Tools and More** to see additional options.

Backup Options

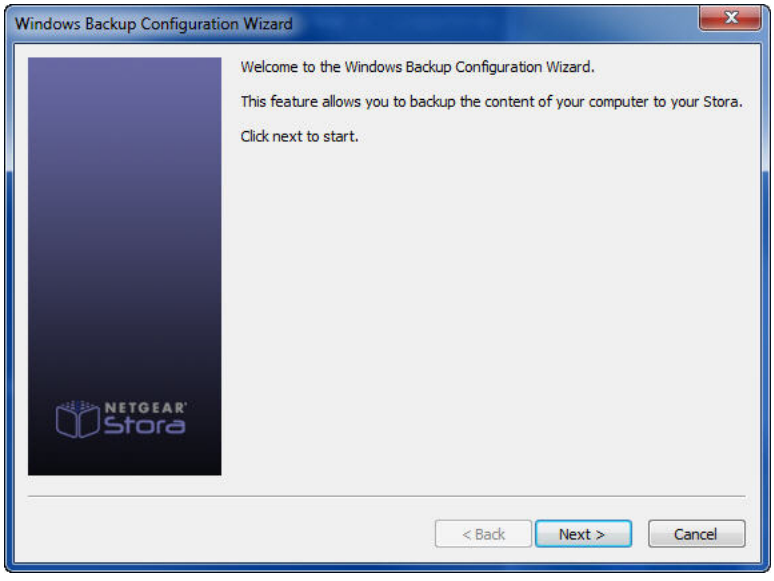
Stora is compatible with Windows and Time Machine backup processes. For more information, see *Computers Backup* on page 112.

Windows Backup requires configuration before it will work with Stora.

➢ **To configure Windows Backup to work with Stora:**

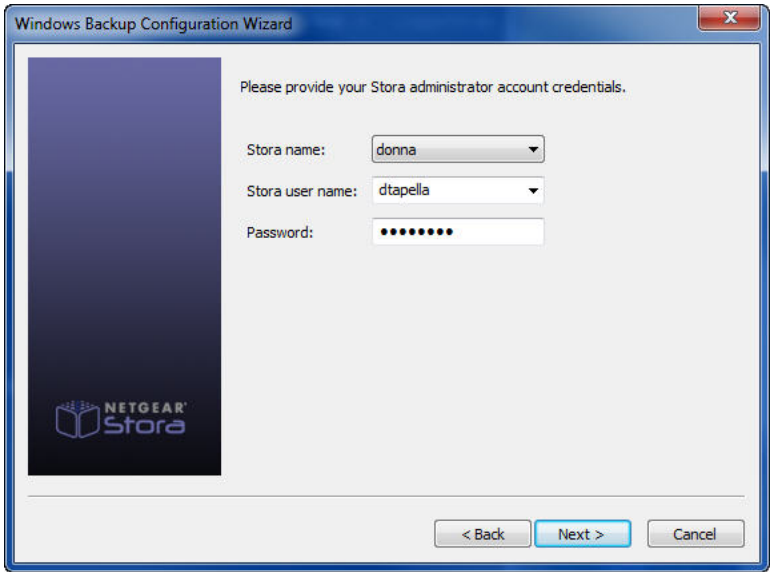
1. On the *Resource CD*'s Setup screen, click **Step 3: Windows/Time Machine Backup Configuration**.

The Windows Backup Configuration Wizard launches.



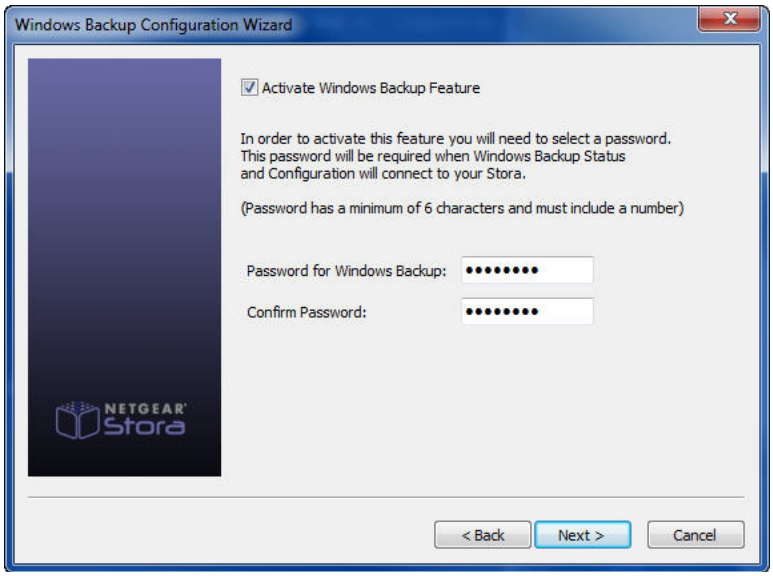
2. Click **Next**.

   A login screen displays.



3. Enter your Stora credentials and click **Next**.

   You are prompted to activate Windows Backup and create a password.



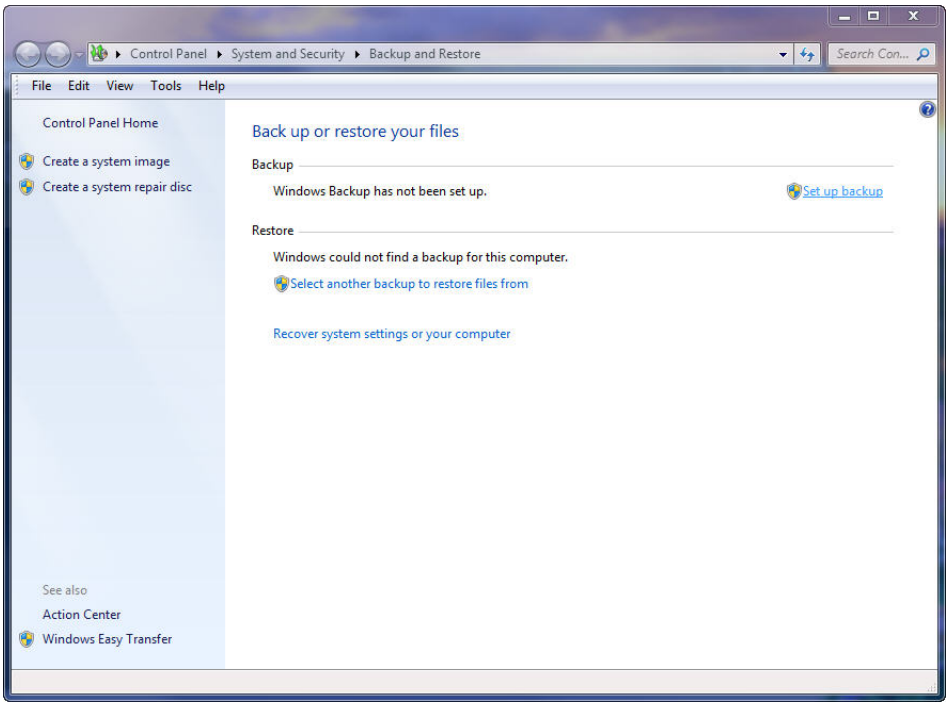
4. Select the **Activate Windows Backup Feature** check box.
5. Create and enter a password.

   This password is different from your Stora credentials. You might want to write it down for future reference.

6. Click **Next** and on the next screen, click **Next** again.

   The Windows backup status and configuration tool launches.

7. In the Backup area, click the **Set up backup** link and follow the prompts.



8. In the Restore area, click an option, and follow the prompts.

Access Your Stora

Stora can be accessed in several ways.

Web Browser

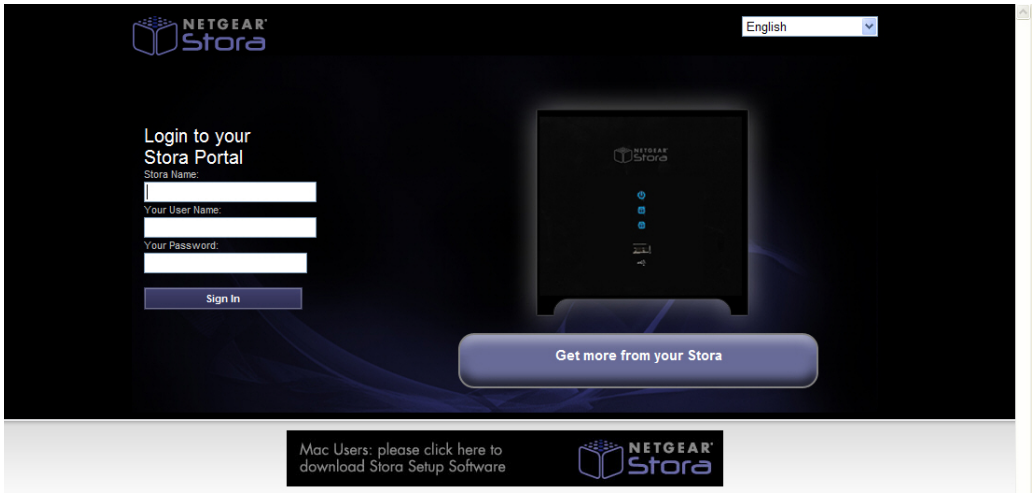
The easiest way to access your Stora is to use any web browser to visit http://www.mystora.com. If you are on your local network, Stora automatically uses your LAN and no data is passed over the Internet.

If you are not using your local network, you can securely access your Stora over the Internet. You can share and upload files using the Stora's drag-and-drop interface; however, only specific default folders can be shared over the Internet. A Premium subscription enables additional remote access options, including extended permissions and folder access.

➢ **To access your Stora using a web browser:**

1. Enter **http://www.mystora.com** in your browser's navigation field.

   A login screen displays.



2. Enter the Stora name, user name, and password that you created when you set up your device.
3. Click **Sign In**.

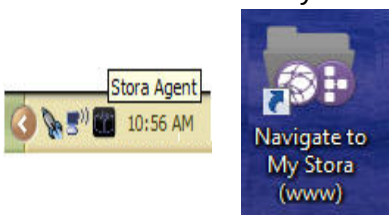
Local Area Networking

When you use default network browsing tools (such as My Network Places), any system connected to your home network recognizes Stora as a computer in your workgroup. To access the Stora web interface from your local LAN, go to http://<IP_Address>

For example, if your Stora IP address is 10.0.0.10, enter the following into your web browser: **http://10.0.0.10**.

Stora Agent

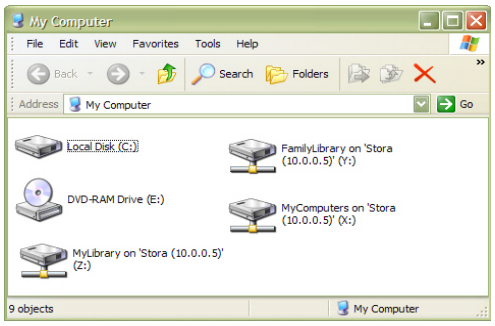
Stora Agent is a local client that is installed on a PC or Mac. It is available by double-clicking the icon on the bottom status bar on a PC or on the dock on a Mac. During installation, a shortcut is also added to your desktop.



The Agent cannot be used for remote access. See *Chapter 4, Stora Agent*, for more information.

Mapped Drives

In a Windows environment, Stora Agent automatically maps three drive letters (x, y, and z) to network shares on Stora. This provides a simple drag-and-drop interface that is always available from the My Computer window.



Documentation, Tools, and More

You can use the *Resource CD*'s Setup screen to access documentation and other information about using your Stora.

Register Your Stora

After installing your device, locate the serial number on the back of your Stora unit and use it to register your product at *http://www.NETGEAR.com/register*.

Documentation and Support

A link to the Stora user manual is available on the *Resource CD* that came with your product. You can also obtain the Stora user manual by visiting *http://documentation.netgear.com/ms200/enu/202-10540-01/index.ht*.

For more information about Stora, visit these websites:

- *http://support.netgear.com/app/products/list/p3/779*
- *http://support.netgear.com/app/answers/list/kw/stora*

Registration is required before you can use NETGEAR telephone support service.

For FAQs and warranty information, visit: *http://support.netgear.com/app/answers/detail/a_id/12027/kw/stora*.

Reset Your Stora

The *Resource CD* provides a reset option. Your Stora system might need to be reset if you forget your user ID or password.

Reset from the Resource CD

Resetting your Stora from the *Resource CD* does not delete data from the disk; however, you need to re-create the same login and password after the reset in order to access the data in private folders.

➢ **To reset from the *Resource CD*:**

1. Insert your Stora *Resource CD*.

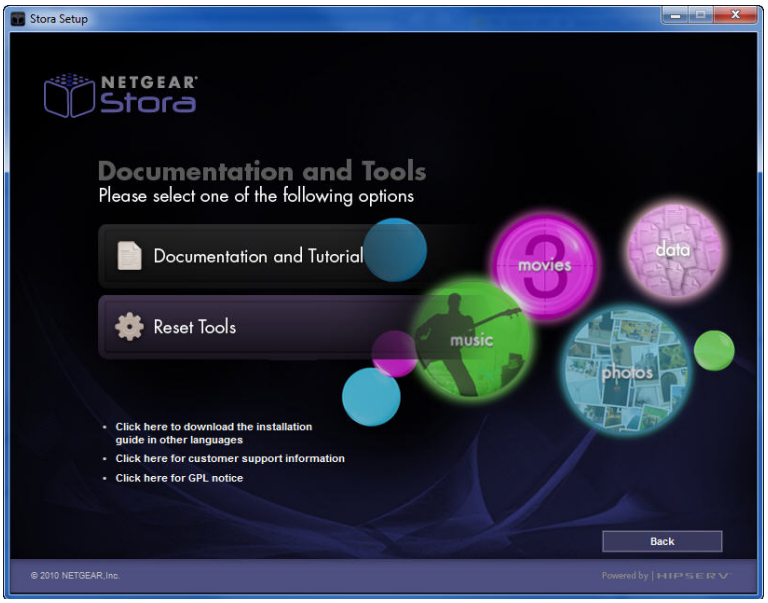
   The Setup software launches.

   If the Setup software does not launch, follow the prompts to launch the software manually.

   The Setup screen displays.

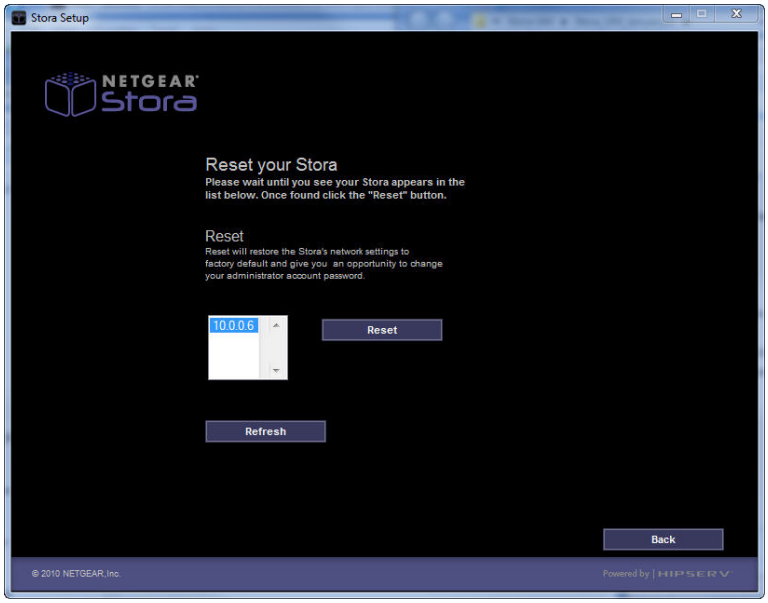
2. Click **Documentation, Tools and More**.

   The Documentation and Tools screen displays.



3. Click the **Reset Tools** button.

   The Reset your Stora screen displays.



4. Select an option:
   - **Reset**. Click this option when you have only one Stora system.
   - **Refresh**. Click this option if you have more than one Stora on the system; you can choose which unit to reset. If you have more than one Stora, choose the one you want to reset.
5. Follow the prompts to reset your Stora.

Factory Reset

A factory reset clears all user names and passwords, resets the Stora to be a DHCP client, and allows you to rerun the Setup software.

➢ **To reset to factory default settings:**

1. Turn off your Stora, then turn it on and wait 10 seconds.
2. Using a straightened paper clip, press and hold the **Reset** button while the booting process continues, at least 30 seconds.

   The blue LED blinks approximately once every 5 seconds during this period.
3. Release the **Reset** button after 6 sets of blinks.

   The power LED turns off and the disk LEDs turn orange.

   The device requests a DHCP lease and attempts to acquire an IP address.

   - If an IP address is acquired, the disk 2 LED also turns orange for 1 second.
   - If no IP address is assigned, the following pattern shows on the LEDs, and the recovery mechanism stops:
     - The power LED turns off.
     - Disk 1 and disk 2 LEDs blink together 3 times.
     - All of the LEDs turn off

     If your Stora cannot acquire an IP address, try running the factory reset process a second time. If that fails, contact NETGEAR technical support.

   After the Stora acquires an IP address, the reset process begins. During the process, the LEDs behave as follows:

   - The power LED turns off.
   - Disk 1 and disk 2 LEDs turn on and off in turns.

   The reset takes approximately 4 to 5 minutes with a fast network connection.

   After the factory reset is complete, the LEDs behave as follows:

   - **Reset successful**. All LEDs turn on for 5 seconds, and then the device reboots normally.
   - **Reset unsuccessful**. Both disk LEDs blink simultaneously, and the recovery mechanism stops.

     In the case of a failed reset, power down the unit and try to reboot it. If it boots successfully, try running the Setup software. If it does not boot successfully, contact NETGEAR technical support.

Stora Agent

4

This chapter provides information about the Stora Agent. It includes the following topics:

- *About the Stora Agent*
- *Connect a Printer*

About the Stora Agent

Stora Agent is a local client that runs in the background and allows you to explore your folders, quickly open Stora Applications and Desktop Mirror, or check for updates. It can be installed on any system that is connected to a Stora.

Note: Currently the Stora Agent does not work with the Windows 7 operating system.

The Stora Agent icon resides on your system tray (PC) or dock (Mac) and usually displays when you start your computer.

Right-click the **Stora Agent** icon to display menu options. Some of the options vary between a PC and a Mac. For example, only a PC menu displays your login status and provides login and logout options, as shown in the illustration.

Note: The Stora Agent is designed for local use only; to access your Stora from a remote location, you need to log in by going to *www.mystora.com*.

Starting Stora Agent

Stora Agent automatically displays when you start your computer. If you exit Stora Agent, the icon disappears from the system tray and is no longer available until you restart the agent.

- **To start Stora Agent on a PC:**

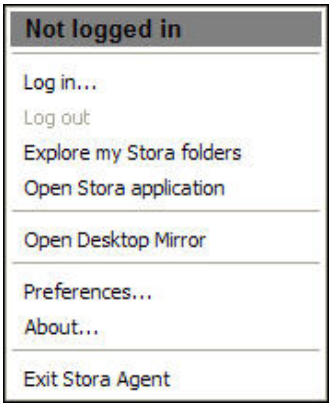
  Select **Start > Programs > NETGEAR > Stora Desktop Applications > Stora Agent > Stora Agent**.

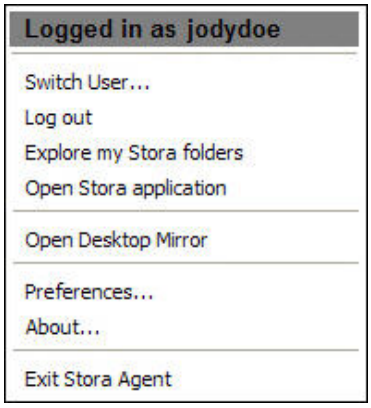
- **To start Stora Agent on a Mac:**

  Start Finder and browse to **Applications > Stora Desktop Applications > Stora Agent**.

Login Status

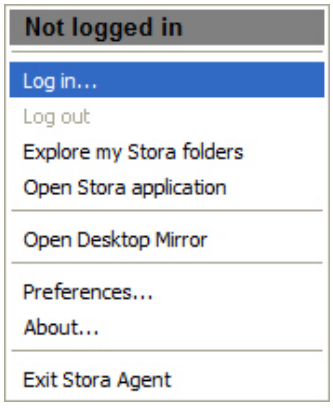
The label at the top of the Stora Agent menu displays who is currently logged in to Stora, or shows Not logged in. This menu option is available on a PC only.

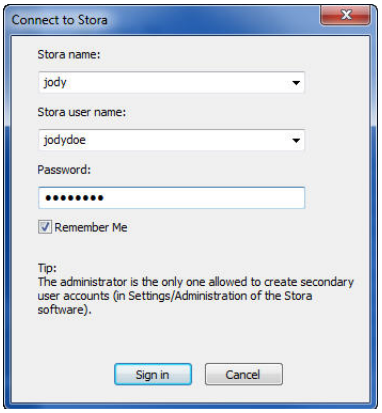




Log In

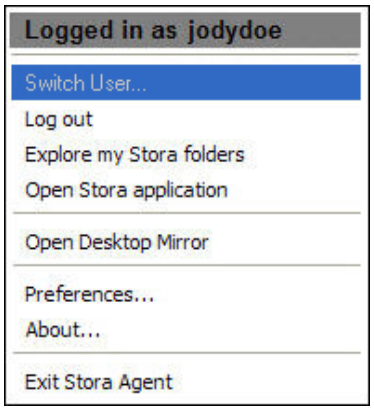
Use the Log in menu option to select your Stora and enter your user name and password. If you select **Remember Me** on the **Connect to Stora** dialog box, your password is remembered next time you log in. When you successfully log in, the server window opens, providing access to your available folders. This menu option is available on a PC only.

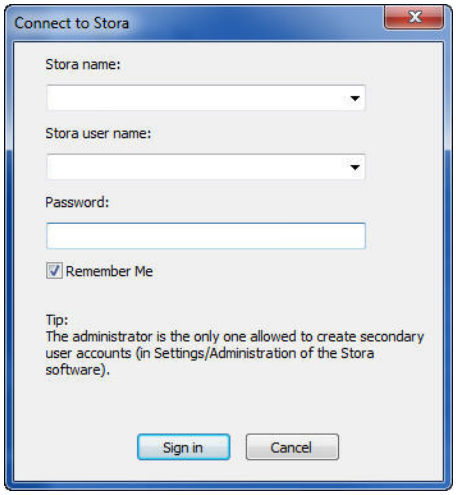




Switch User

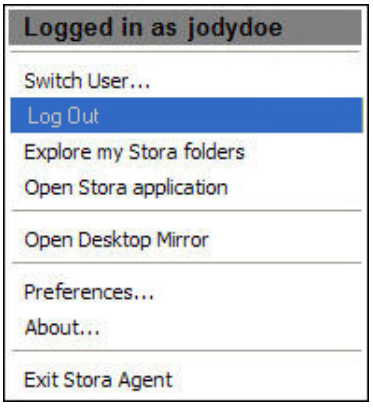
If someone is logged in to Stora, the Switch User menu option logs out the current user, and allows another person to log in. Note that this option is not available if no one is logged in to the system. This menu option is available on a PC only.





Log Out

Use the Log Out menu option to close the current connection to Stora. Logging out prevents other users from accessing your albums and MyLibrary folders.

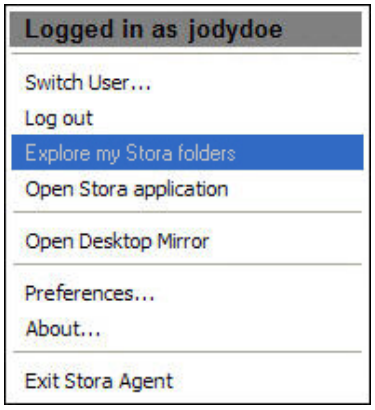


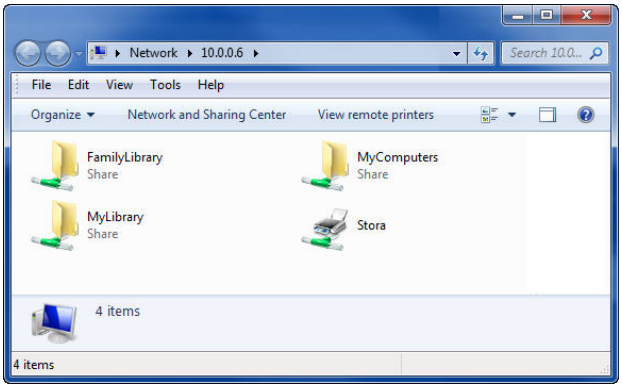
Explore My Stora Folders

Stora folders let you use Microsoft Explorer or Mac Finder to work with content on your Stora. This way you can manage your files in a familiar environment and can upload files greater than 2 GB.

If you are not already logged in, this application prompts you to log in and opens either Windows Explorer or Mac Finder. It displays your FamilyLibrary, MyLibrary, and MyComputers folders within a network drive. Folders are available whether Stora is located locally on the home network or remotely across the Internet.

Note: If the Stora administrator has blocked access, you cannot see these folders.





- **To view Stora folders using the Stora Agent:**

  1. Right-click the **Stora Agent** icon.

     Select **Explore my Stora folders**.

  2. If prompted, enter your Stora name, user name, and password and click **Sign in**.

     Windows Explorer or Mac Finder shows the folders within a network drive.

- **To view Stora folders using Windows:**

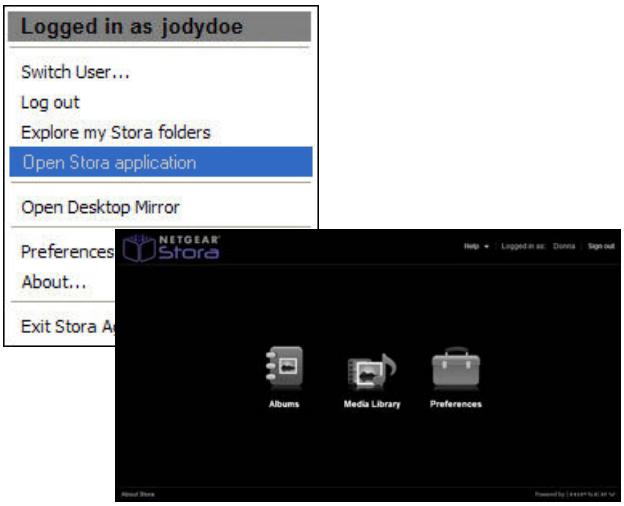
  Select **Start > Programs > NETGEAR > Stora**.

- **To view Stora folders using Mac OS X:**

  1. Start Finder.
  2. Browse to **Applications > Stora Desktop Applications**.
  3. Click the **Smart Folder** shortcut.

Open Stora Application

The Open Stora application menu option starts the Stora Application, which allows you to access features, manage your content, and administer settings using a web browser.



Launching the Stora Application from the agent opens your browser, prompts you to log in (if not already logged in), and displays the Stora Application home screen where you access your media library folders, view albums, set preferences, and launch premium features, if you have a Premium subscription.

With Stora, your content is always available using familiar file and folder views, like those used in Windows Explorer or Mac Finder. This option is available whether Stora is located locally on your home network or remotely across the Internet. For more information, see *Chapter 5, Stora Application*.

Open Desktop Mirror

Desktop Mirror lets you back up PCs and Macs on your home network to Stora. The Desktop Mirror application backs up selected folders on a regular basis.

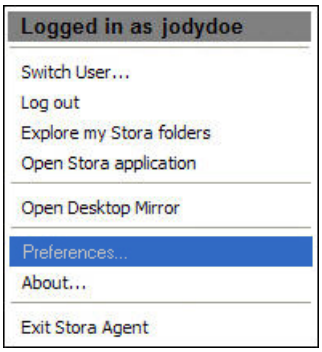
The Open Desktop Mirror menu option starts the Desktop Mirror application and is used to back up selected folders. Any computer on your home network can use Desktop Mirror to automatically back up files and folders to your Stora.

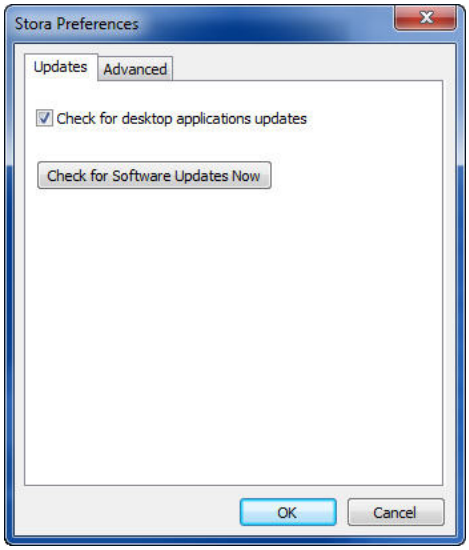
Stora Standard allows backups if the computer is on the same home network as Stora. Additionally, Stora Premium allows backups if Stora is in a remote location and you need to access your data through the Internet.

See *Chapter 6, Desktop Mirror*, for more information about using Desktop Mirror.

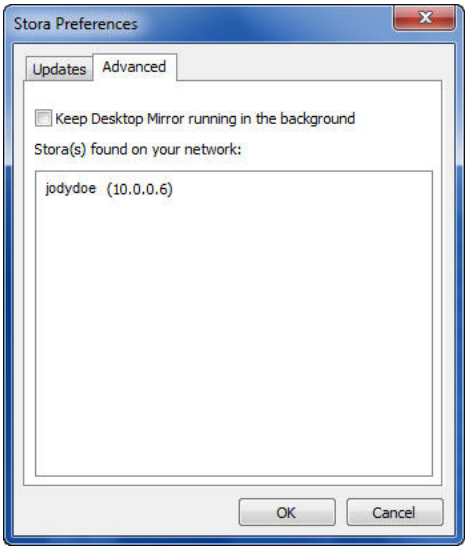
Preferences

The Preferences menu option on the Stora Agent allows you to check for software updates to the desktop applications and displays the name and IP address of Stora on your home network.



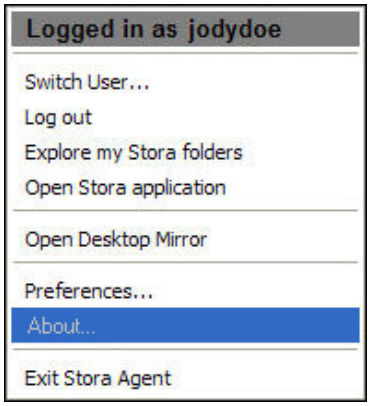


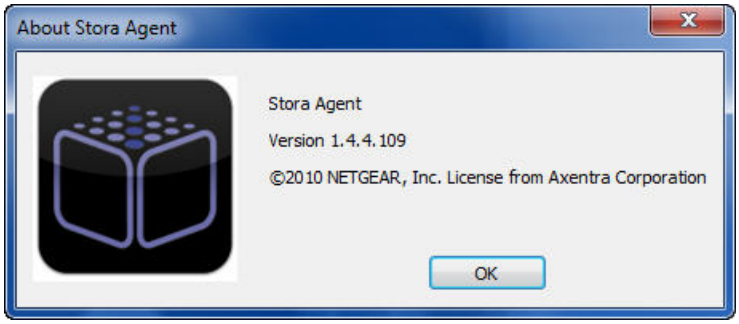
The Advanced tab shows Stora devices found on your network and allows you to keep Desktop Mirror running in the background.



About

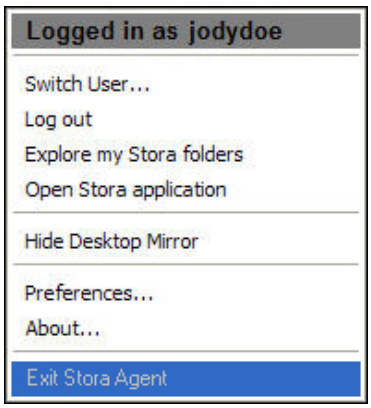
The About menu option displays the Stora Agent version installed on your computer.





Exit Stora Agent

The Exit Stora Agent menu option closes Stora Agent and removes the icon from the system tray. For information about how to restart Stora Agent on a Mac or PC, see *Starting Stora Agent* on page 43.



Connect a Printer

You can connect a USB printer to Stora and have all computers on your home network share the same printer. In general, any non-multifunction USB printer should work with your Stora.

Note: Multi-function printers are not currently supported.

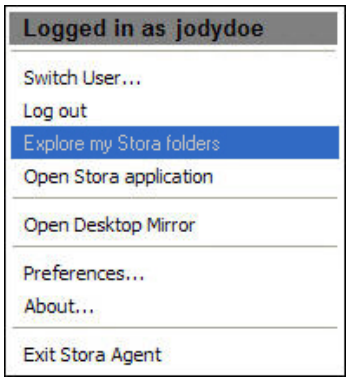
Optionally, you can use a powered hub to expand the USB port to support a single printer and multiple USB drives. Currently multiple printers are not supported.

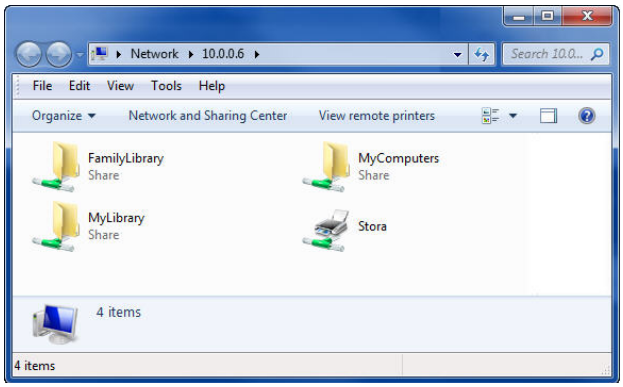
While NETGEAR does not maintain a list of all supported printers, you might find that searching this database is helpful: *http://www.openprinting.org/printers*.

➢ **To add a printer to a PC:**

1. Connect a USB cable from the printer to the Stora or to a USB hub connected to the Stora.
2. Log in to the Stora.
3. Double-click the **Stora Agent** icon and select **Explore my Stora folders** from the menu that displays.

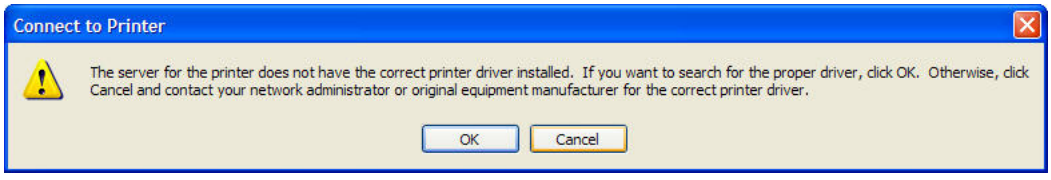
   A window showing your Stora folders displays.





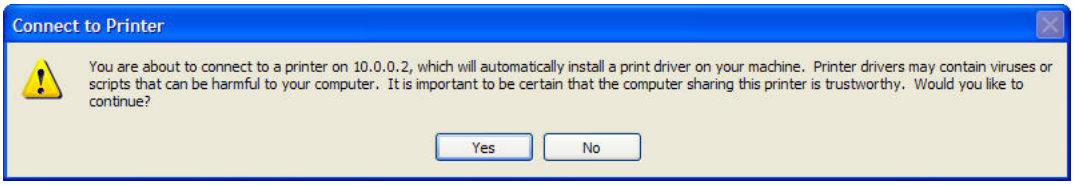
4. Double-click the Stora printer icon.

   The following message displays.

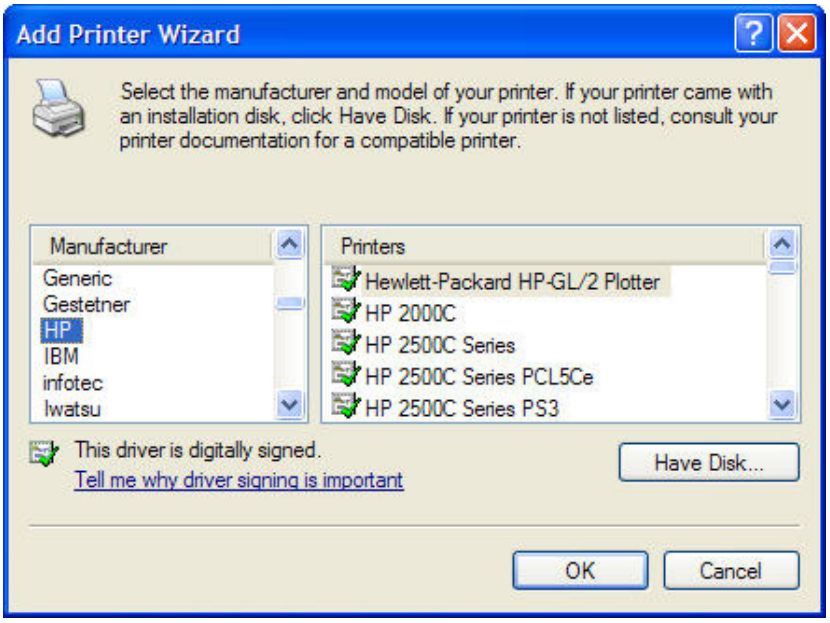


5. Click **OK**.

6. If you receive the following message, click **Yes**.

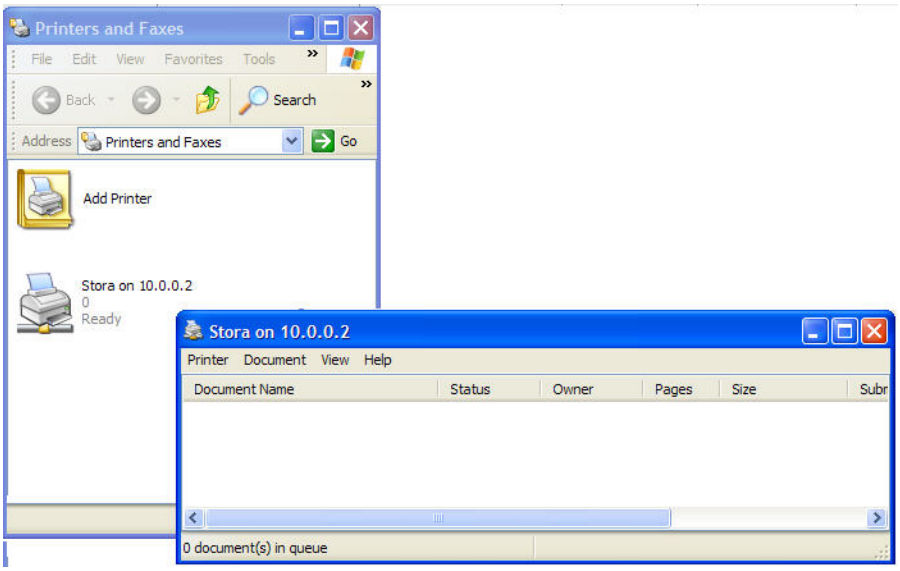


7. Use the Add Printer Wizard to load the printer driver.



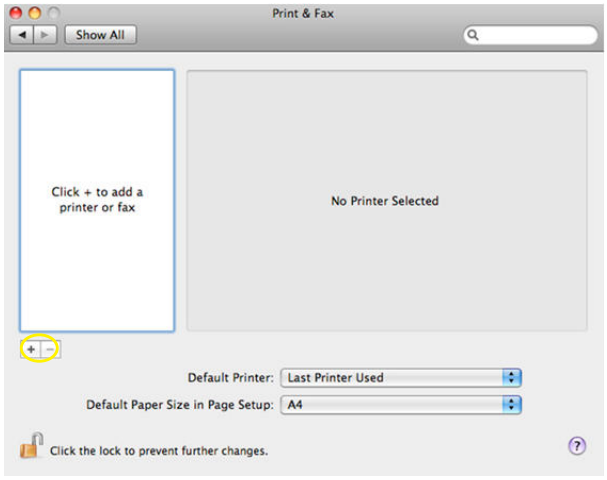
8. Select a manufacturer and printer and click **OK**.

   The printer is now available through Stora. You can select it from the list of printers by selecting **Settings > Printer and Faxes**.

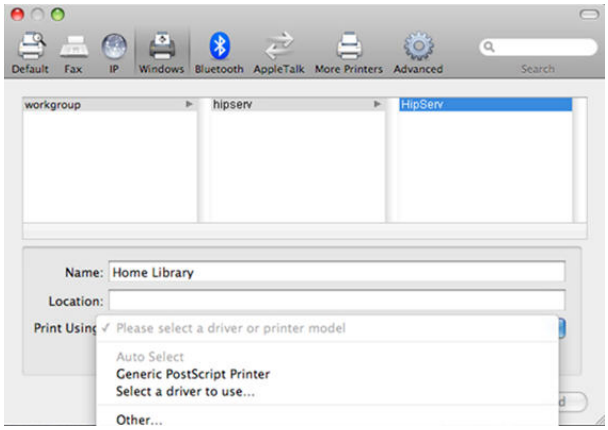


➢ **To add a printer to a Mac:**

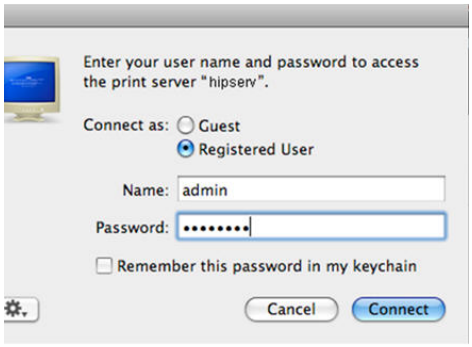
1. Connect a USB cable from the printer to the Stora or to a USB hub connected to the Stora.
2. From the **Apple** menu, select **System Preferences > Printer & Fax**.



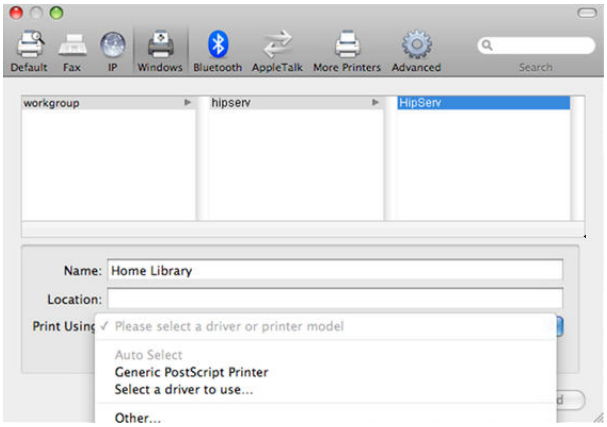
3. Click the plus sign button to add a printer.



4. Click **Windows** and select **workgroup** and **Stora**.



5. Select **Registered User**, enter your user name and password, and click **Connect**.



6. In the **Print Using** list, select a printer model and click **Add**.
7. The first time you print, you are prompted for your user name and password:
   a. Enter your user name and password.
   b. Select **remember this password in my keychain**.
   c. Click **Connect**.

      The next time you print, you are not prompted for your password.

Stora Application

5

This chapter describes how to use the standard Stora Application features. It includes the following sections:

- *About the Stora Application*
- *Albums*
- *Media Library*
- *MyLibrary*
- *Preferences*
- *Set Up Social Networking Connections*

About the Stora Application

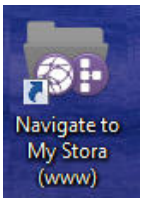
The Stora Application runs in your browser, and allows you to access your folders within the MediaLibrary, view albums, and set preferences. The Stora Application is available whether your Stora unit is located locally on the home network, or remotely across the Internet. The Stora Application works the same even with different computers and browsers.

Start the Stora Application

You can launch the Stora Application in several ways.

- **To start the Stora Application from the desktop:**

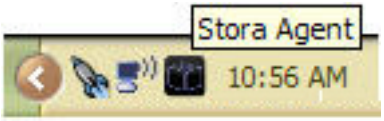
  Double-click the **Navigate to My Stora** icon located on the desktop.

  This icon was enabled during installation.

- **To start the Stora Application from Stora Agent:**

  Right-click the **Stora Agent** icon located on the bottom-right corner of your computer and select **Open Stora application** from the menu that displays.

- **To start the Stora Application from a browser:**

  Open a new browser window and navigate to *http://www.mystora.com.*

- **To start the Stora Application from the Start menu on a PC:**

  Select **Start > Programs > NETGEAR > Stora Desktop Applications > QuickConnect > Navigate to My Stora**.

- **To start the Stora Application from Finder on a Mac:**

  Start Finder, browse to **Applications > Stora Desktop Applications**, and click the **Smart Web** shortcut.

Log In to the Stora Application

When you launch the Stora Application, you are prompted to log in. Use the credentials you created when you installed your Stora system.

➢ **To log in to the Stora Application:**

1. Go to *www.mystora.com*.
2. Select a language.

   Your language preference might already be set as the default.
3. Complete the **Stora name**, **Your User Name**, and **Your Password** fields and click the **Sign In** button.

Premium Subscription Offerings

The Login screen gives you the option to upgrade your subscription. During your 30-day free trial period, all premium services are available. After the trial period, the Premium subscription expires, and the premium features are unaccessible until you upgrade your subscription.

Subscription reminders are delivered by email 7 days before the trial ends, and then daily reminders are sent when 5 days remain in the trial period. If you choose not to upgrade, your trial premium subscription reverts to a standard subscription.

To set subscription preferences, see *Stora Premium Subscription* on page 106.

➢ **To access Premium subscription information:**

1. On the Login screen, click the **Get More From Your Stora** button.
2. Review the benefits on the screen.

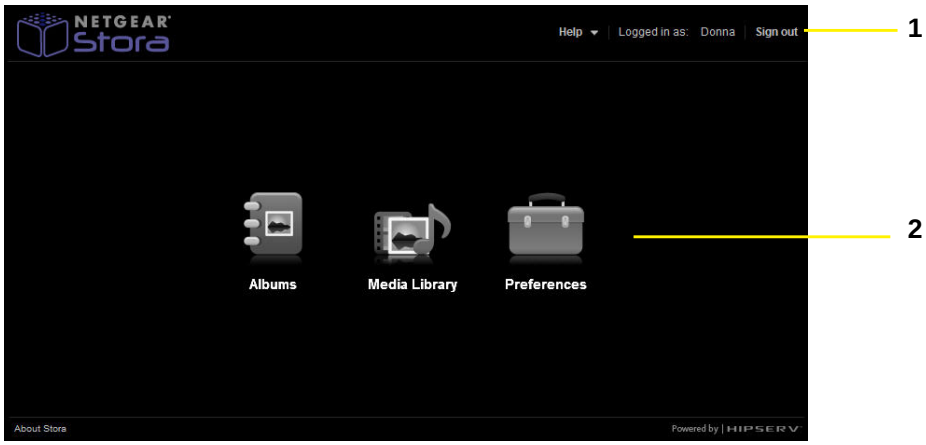
   Click the **Standard vs. Premium Comparison Chart** link.
3. (Optional) Select either the **Try Now** or **Buy Now** option.

   You can also revisit this option at a later time.

Stora Application Home Screen

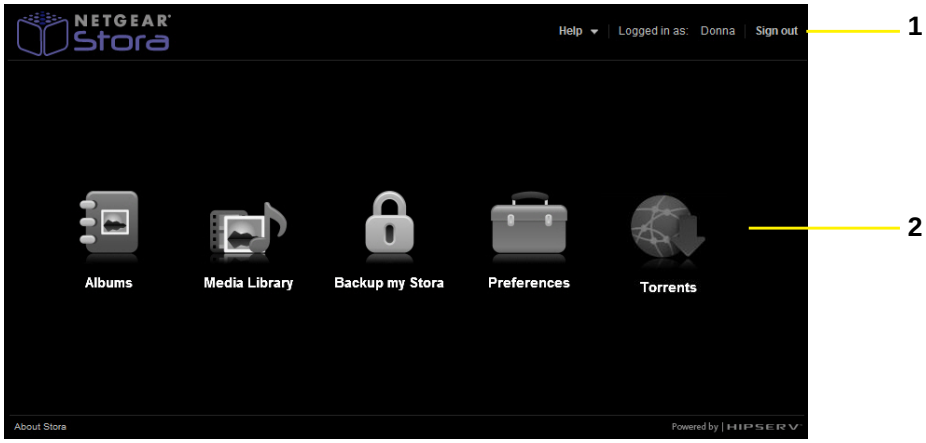
After you log in to the Stora Application, the Stora home screen displays. This screen gives you local access to the Albums, Media Library and Preferences areas, as well as the Help menu, which contains a link to the *User Manual* and Stora support.

The following image shows the home screen for a Stora with a Standard subscription:



1. Main menu
2. Standard subscription features

The following figure shows the home screen for a Stora with a Premium subscription:.

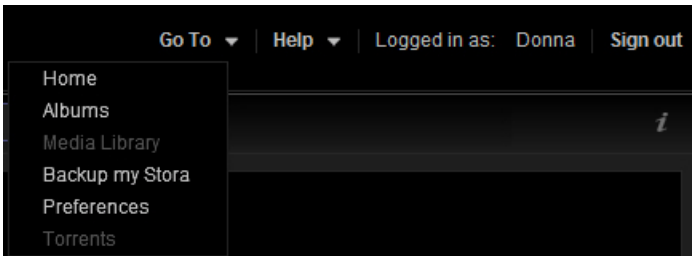


1. Main menu
2. Standard and Premium subscription features

You can customize the home screen by adding an image to the background. See *Use an Image as Home Background* on page 88.

Main Menu

The main menu displays at the upper-right corner of the home screen and shows your display name, gives you access to Help, and allows you to sign out of the application.

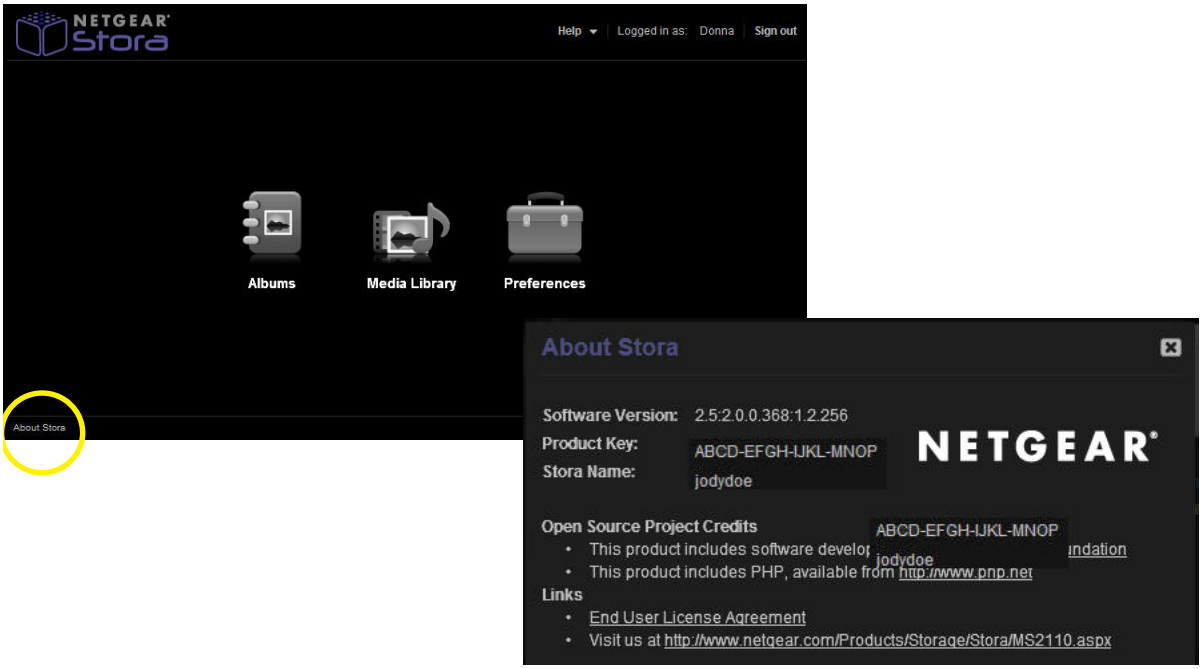


The Help menu provides access to the user manual and connects directly to Stora support.

When you enter one of the application areas, the Go To menu displays on the top. This lets you toggle between the home screen and the application areas; the menu option for the application area you are currently using is dimmed.

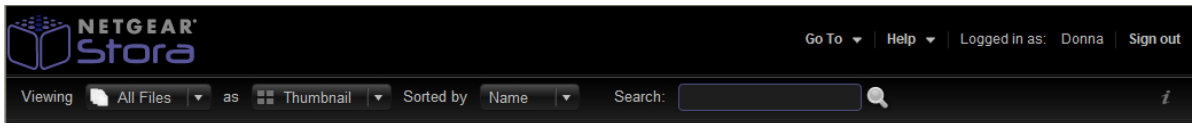
About Stora

The About Stora link displays at the bottom-left corner of the home screen. Click this link to see the software version, your product key, the name of your Stora unit, and links to additional information.



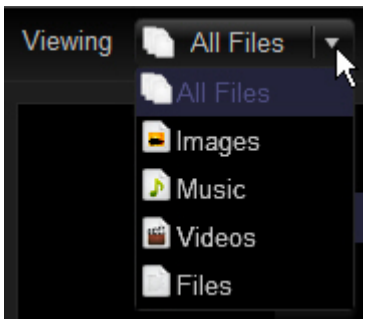
Menu Bar Options

The menu bar across the top of the screen offers additional options.



View Files

Use the Viewing menu to specify which file types you want to show.



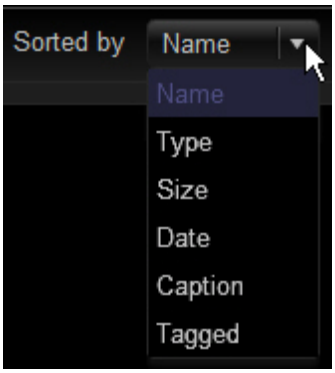
Set a Display Method

Set a display method to specify how files are displayed within the currently selected folder or album. Use the drop-down menu to view files as thumbnails, in a list, shuffled, to show covers, or to use Cooliris:

- **List**. Displays files in a table. For each file, List view shows the file name, whether the file has tags, the caption, date, file type, and size. Moving the mouse over a file in List view shows an arrow, which allows you to display a menu.
- **Thumbnail**. Displays an image for each file that indicates what the file contains. It also shows the file name, size, and caption. Moving the mouse over a file in Thumbnail view shows the Options arrow, which allows you to display the menu.
- **Shuffle**. Displays a larger image for each file. It also shows the file name and caption. You can flip through the files by clicking the image to the left or right of the current file. The menu is not available in Shuffle view.
- **Cover**. Displays your folders and files so that you can click through each of your photos and media one at a time.
- **Cooliris**. Premium subscription option that displays a 3-D slideshow.

Sort Files

You can sort your files using the Sorted by drop-down menu.



Search for Files and Folders

When you search for files or folders, Stora checks all the folders to which you have access and displays items with captions, tags, or file names that match the search criteria.

- **To run a search:**

1. Enter text in the **Search** field
2. Click the **Search** icon.

   The Files section shows files that contain the search text in the caption, tag, or file name. It also shows folders that contain the search text in the folder name. The search term is highlighted.

   If you enter one word, you see all the items that share the word. If you enter more than one word, the search results are include only those items that have all the words.

   After the files display, you can add them to an album for sharing with family, friends, or the public. For more information, see *Move a File* on page 86 and *Add Tags* on page 86.

Albums

An album allows you to group related pictures, music, videos, and documents from multiple folders. The Albums area shows albums you have created using the Media Library.

From this screen, you or the people to whom you have given access can run a slideshow or download files.

Note: The albums themselves are created and managed from the Media Library area. See *Working with Albums* on page 77 for details.

Download a File

The album streams compressed images, music, and videos to conserve bandwidth and improve performance. An album can be configured to allow those viewing it to download original full-resolution versions of the files. This is especially important if the album contains documents, because the album lists these files but cannot open them. To allow files to be downloaded, select the **Allow downloads for this album** option.

Downloading a file retrieves the original full-resolution version of the file. You can download all the files from the Albums screen or individual files after displaying an album.

➢ **To download all the files using the Albums screen:**

1. Select the album and click **Download**.

   A window lists all the files in the album.

2. Click the **Download** button next to the desired file.

   Depending on your browser settings, you can open the file, download it to a specific directory, or download it to the default directory.

- **To download a file after displaying an album:**

  1. Select a file by clicking it.

     To select multiple files, press the **Ctrl** key while clicking files. A window lists the selected files.

  2. Click the **Download** button next to the desired the file.

     Depending on your browser settings, you can open the file, download it to a specific directory, or download it to the default directory.

Run a Slideshow

Running a slideshow displays the images within the album or folder, one at a time, along with their captions. Music, videos, and documents are not shown. You can run a slideshow using the Albums screen, or after displaying an album.

- **To run a slideshow using the Albums screen:**

  Select an album, display the menu, and select **Slideshow**.

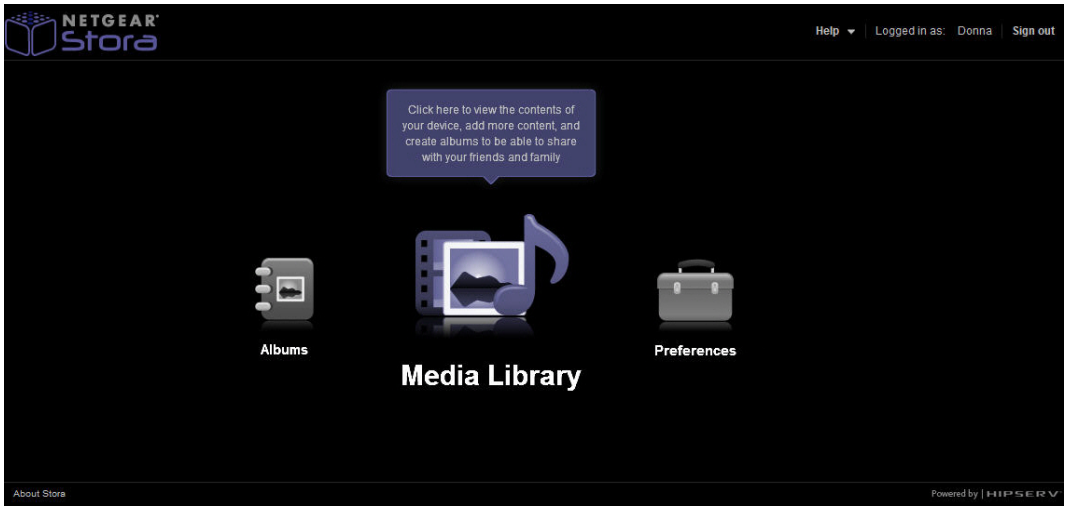
  The browser automatically shows each image with its caption.

Media Library

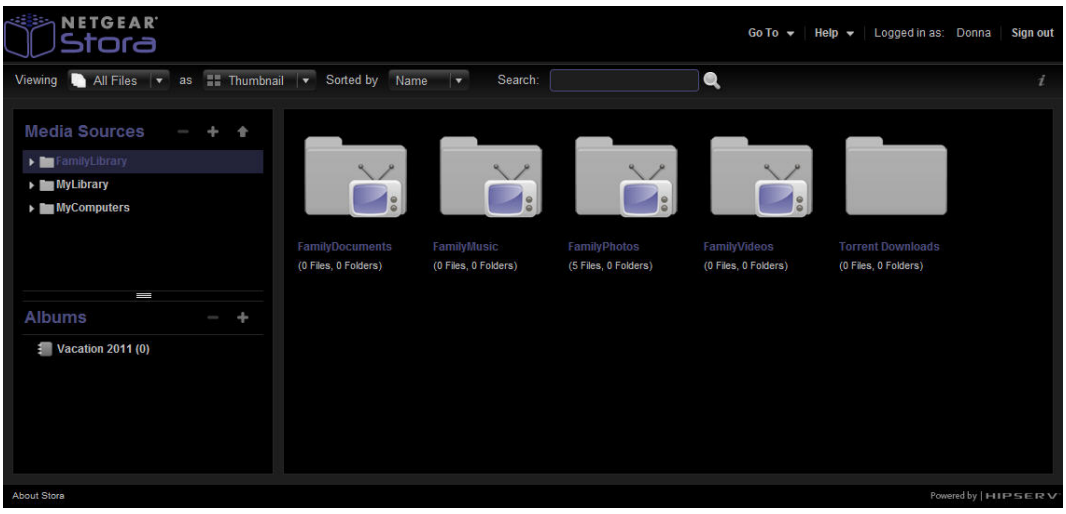
The Media Library houses all your data. This is also where you manage your digital media and create albums to share with your friends and family.

Access the Media Library

From Stora application home screen, click **Media Library**.

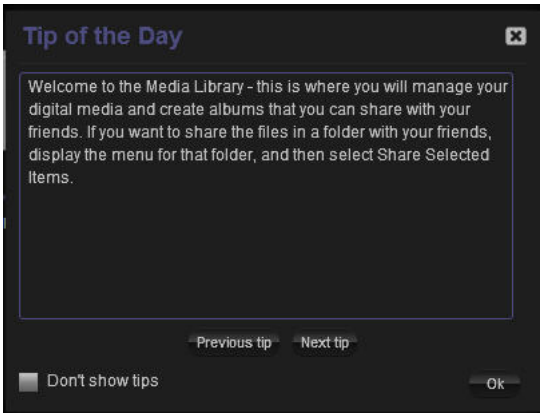


The Media Sources screen displays. It allows you to manage your files, folders, and digital media and place them into albums that you can share with friends and family. If you want to share the files in a folder with your friends, display the menu for that folder and select **Share Selected Items**.



Tip of the Day

Unless you disable the Tip of the Day, each time you launch the Media Library, Stora provides helpful tips and tricks for using your system to its fullest potential.



You can click **Previous tip** or **Next tip** to see other tips.

If you do not want to see the tips, you can disable them by selecting the **Don’t show tips** check box.

➢ **To enable or disable Tip of the Day:**

1. Select **Preferences** from the application home screen.
2. Select **User Preferences > User > Hide help tips**.
3. Select **Yes/No**.

   This toggles the Tip of the Day setting between enabled and disabled.
4. Click **Submit**.

   For more information, see *Preferences* on page 94.

Information Icon

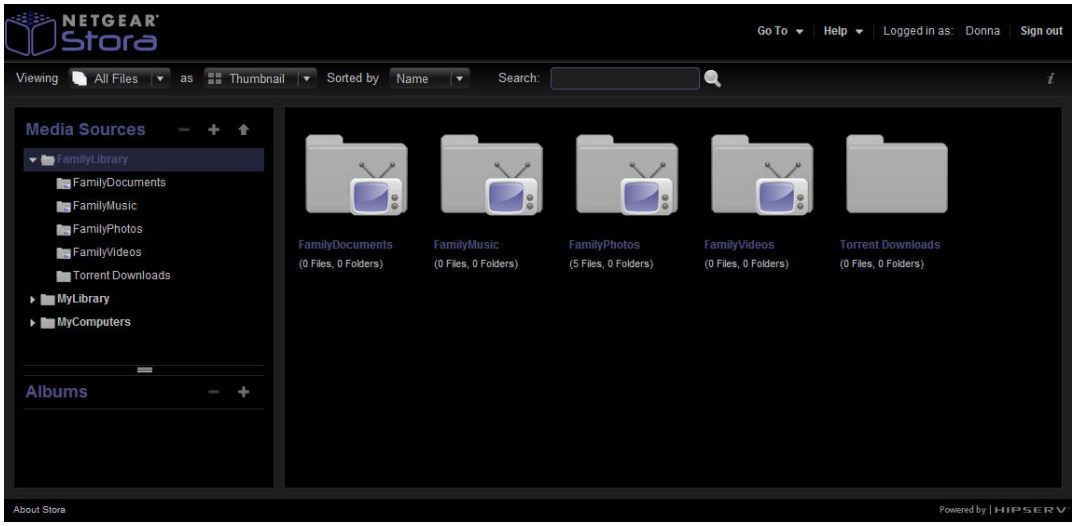
Each screen displays an Information icon on the toolbar. Click it to see detailed information about the folder you selected. For more information see *View Details* on page 74.

Media Sources Area

The Media Sources area shows your FamilyLibrary folders, MyLibrary folders, and MyComputers folders. The default view is the FamilyLibrary screen. You can add your own folders, as well.

FamilyLibrary

The FamilyLibrary folder comes with a series of standard subfolders: FamilyDocuments, FamilyMusic, FamilyPhotos, and FamilyVideos. In addition, if you have a Premium subscription, it has a Torrent Downloads folder.



These folders are accessible to all users unless you block their access. In addition, these folders can be shared with digital media adapters (DMAs), such as Xbox360, PS3, and other DLNA-compliant devices, making the content available to media players on the home network. For more information, see *Server Preferences* on page 98.

For more information about working with these folders, see *Working with Folders* on page 66.

Note: All users can access the FamilyLibrary folders through Windows Explorer or Mac Finder. This means that they can access these files even though they have not been given explicit permission.

MyLibrary

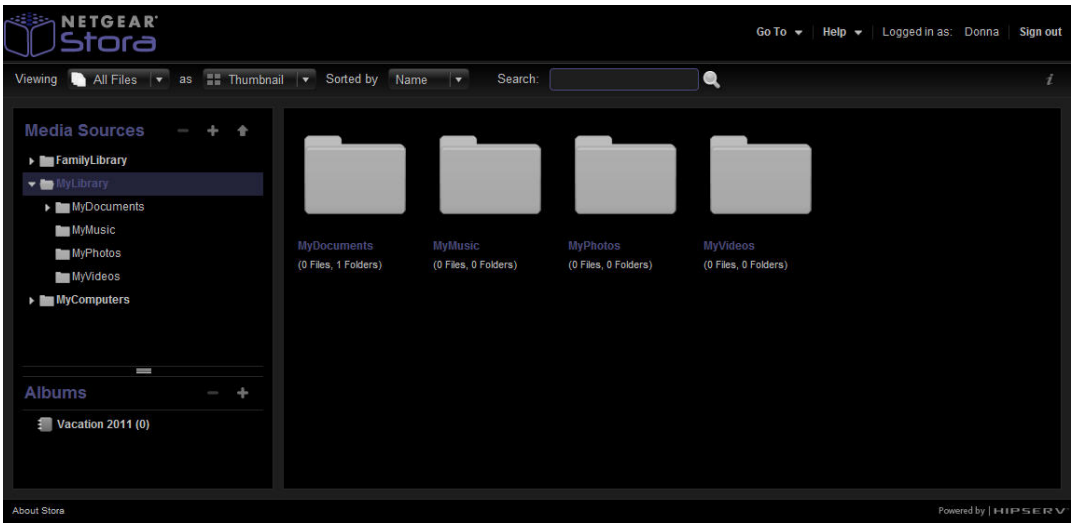
Folders and subfolders in MyLibrary are private folders, and only you have access to them.

The MyLibrary folder contains additional subfolders called MyDocuments, MyMusic, MyPhotos, and MyVideos. Content in MyLibrary folders is private and secure; however, you can share the content within these folders by placing the content in an album. They can also be shared with DMAs, making the content available to media players on the home network.

The main difference between the FamilyLibrary folders and the MyLibrary folders is that FamilyLibrary folders can be directly accessed by others, while MyLibrary folders are private; that is, only you have access to them.

On a PC, enable Windows Networking to see your MyLibrary folders. See *Server Preferences* on page 98.

For more information about working with these folders, see *Working with Folders* on page 66.



Although the subfolders within MyLibrary and FamilyLibrary are intended for specific file types, you can put any type of file into any folder.

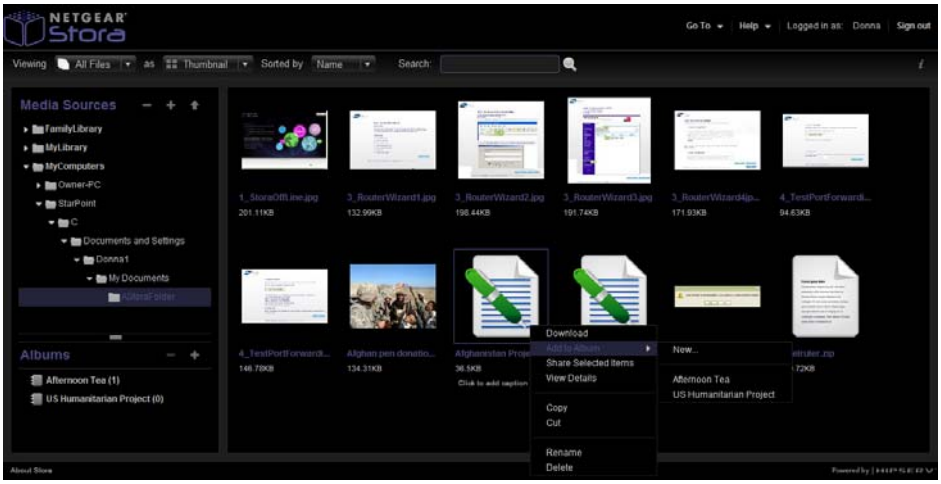
MyComputers

The MyComputers folder contains a folder for each computer using the Desktop Mirror application. You can download files or folders using the Stora Application or you can copy and paste them through Stora folders.

For added security, you can only access the MyComputers folder if your specific login credentials were used to configure the backup.

You can share content from your computer with family, friends, or the public by placing the files in an album. Folders within MyComputers can also be shared with DMAs, making the content available to media players on the network.

For more information about working with these folders, see *Working with Folders* on page 66.



On a PC, enable Windows Networking to see your MyComputers folders. See *Server Preferences* on page 98.

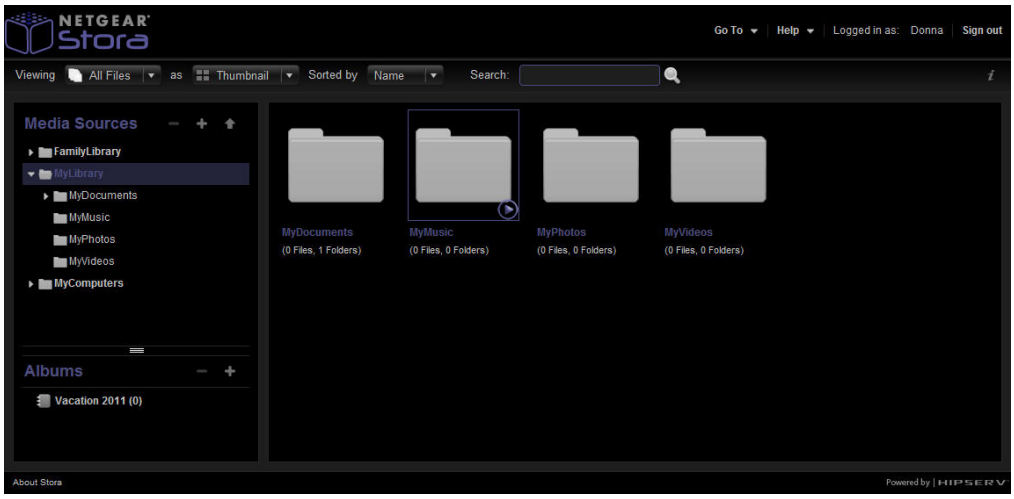
Working with Folders

Selecting a folder highlights the folder name and displays its subfolders and files in the Files section.

➢ **To select a folder:**

Click a folder name.

The following figure shows that the MyMusic folder is selected from the MyLibrary media source. An arrow displays on the lower-right corner of a folder when you move the pointer over the folder. Clicking the arrow provides access to additional options. For more information, see *Folder Options* on page 72.

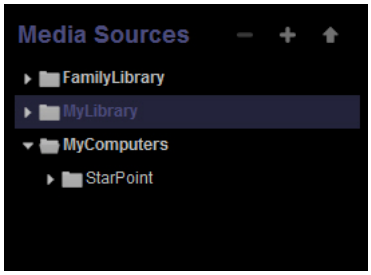


Expand or Collapse a Folder

Expanding or collapsing a folder shows or hides the subfolders contained within the folder.

➢ **To expand or collapse a folder:**

1. In the right panel, click the right arrow next to a folder name to expand it.



   The arrow changes to a down arrow and the folder's contents are listed.

2. Click the down arrow next to a folder name to collapse it.

   The arrow changes to a right arrow and the folder's' contents are hidden.

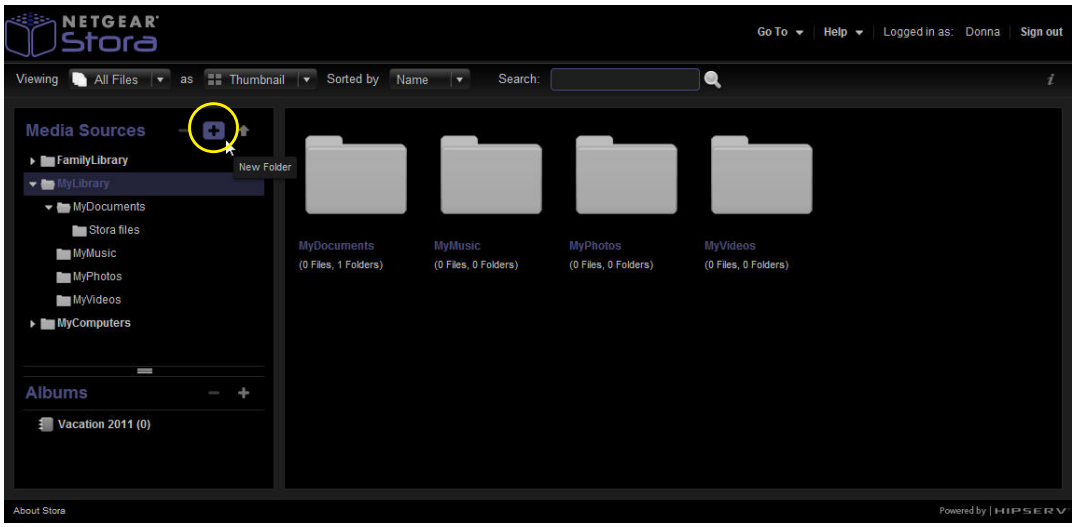
   Collapsing a folder hides its subfolders. This is useful when many folders are open and you want to reduce clutter on the screen.

Add a Folder

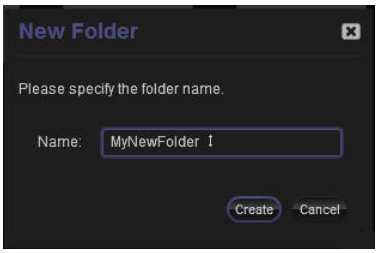
Adding a folder creates a new subfolder within the current folder. Using subfolders is a good way to keep your content organized. A new folder within FamilyLibrary is accessible to all users (unless the user account blocks access). Only you can access a folder within MyLibrary.

➢ **To add a folder:**

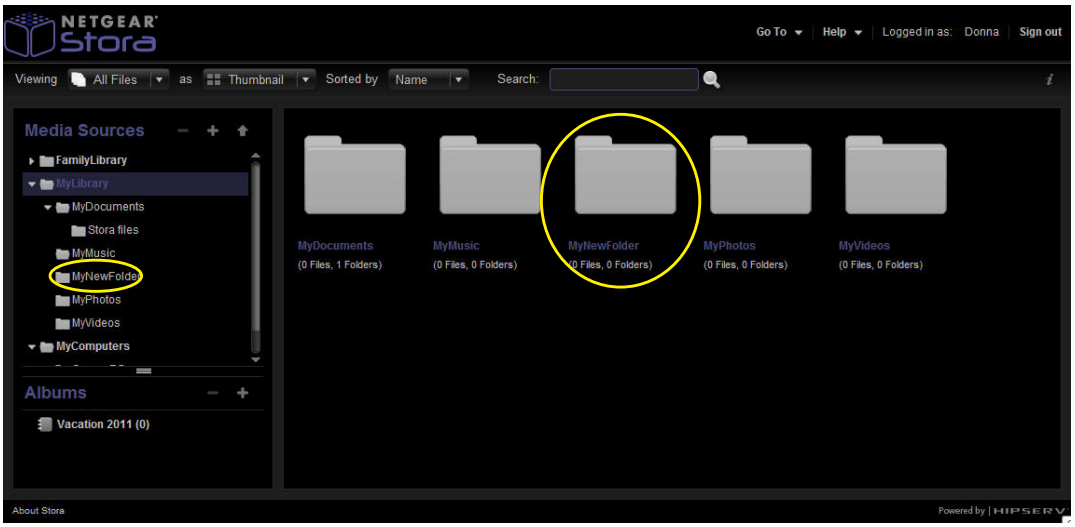
1. Select the area where you want to add the new folder.
2. Click the **New Folder** icon on the **Media Sources** panel.



3. When prompted, enter a name for the folder and click the **Create** button.



The new folder displays alphabetically on the left navigation panel and in the main screen.



Delete a Folder

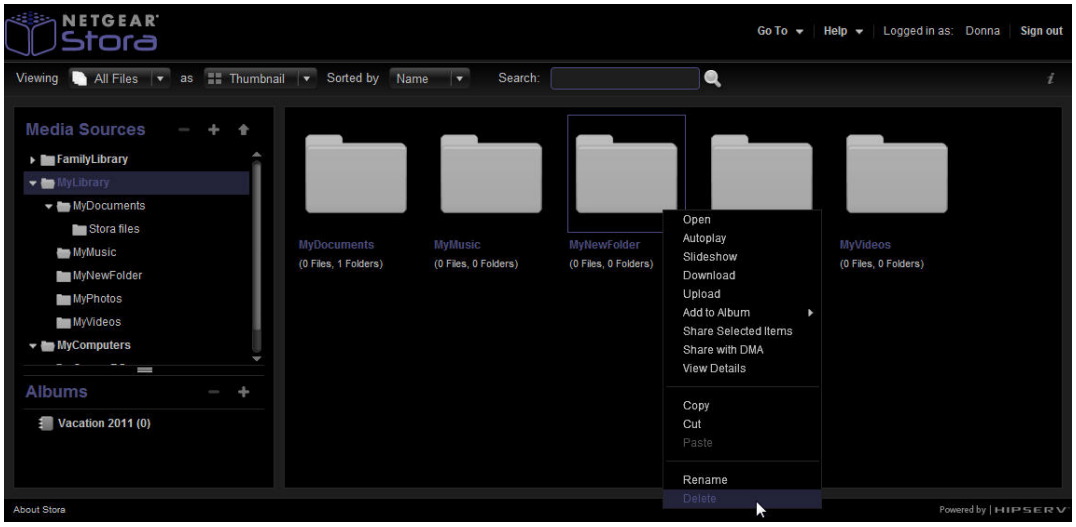
Delete folders carefully. Deleting a folder removes it and all its content from Stora.

WARNING!

If you delete a folder, any item in that folder that is contained within an album is no longer available in the album.

➢ **To delete a folder:**

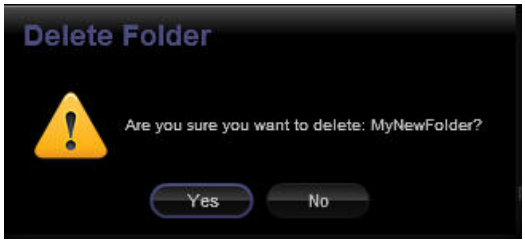
1. Select the folder you want to delete.
2. Click the arrow to display the options.



3. Select **Delete** from the menu.

   You are asked to confirm the action.

4. Click **Yes** to confirm that you want to delete the folder.



If you click **No**, the folder is not deleted.

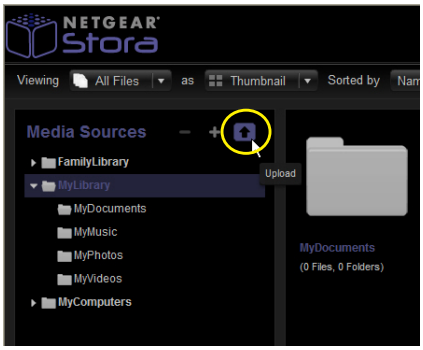
Upload Files to Folders

Uploading files copies them from the source (such as your computer or a USB drive) to the selected folder. If you upload to your MyLibrary folders, only you have access to them. If you upload a file to a folder within FamilyLibrary, any user with account access permission to this folder can access it. Blocked accounts do not have access to it.

Stora Application allows you to a copy a file or set of files that are less than 2 GB. If you want to copy files greater than 2 GB, use Stora folders. For more information, see *Explore My Stora Folders* on page 45, *Desktop Mirror Overview* on page 119, or *FTP* on page 115.

➢ **To upload files:**

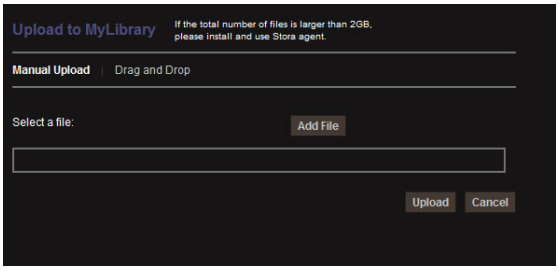
1. Select a destination folder from the left panel or a folder.
2. Click the **Upload** icon.



The Upload window displays.

3. Select either **Manual Upload** or **Drag and Drop**.

Manual Upload lets you select individual files. Follow these steps to manually upload a file:

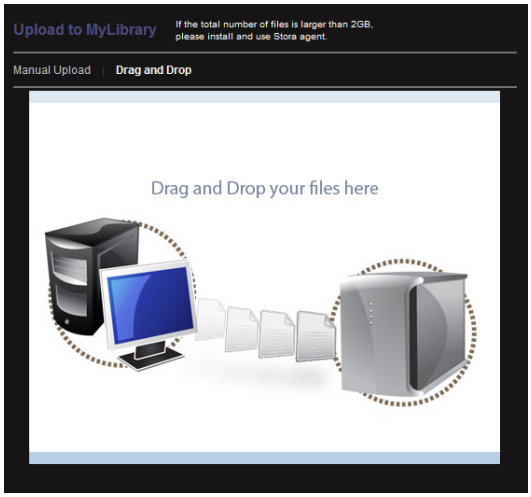


a. Click **Add File**, browse to a file, and then click **Open**.
b. (Optional) Add files.
c. Click **Upload**.

   The upload process begins.

d. When the upload process completes, close the window.

Drag and Drop lets you drag multiple files and entire folders from Explorer or Finder. Follow these steps to use drag and drop to upload a file:



a. Drag the file from Explorer or Finder, and drop it into the window.

You can drag multiple files or folders at the same time.

b. Click **Upload**.

The upload process begins.

c. When the upload process completes, close the window.

Folder Options

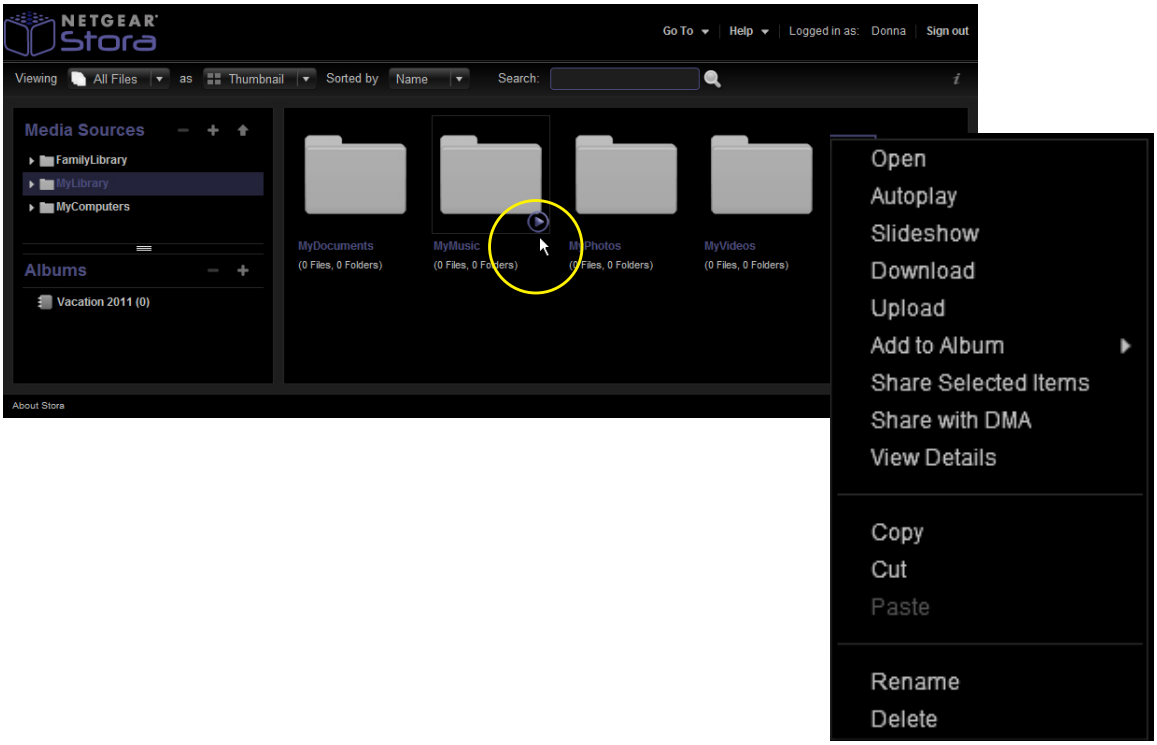
The Stora Application offers many options for working with folders.

➢ **To display folder options from the Media Sources list or subfolders:**

1. Move the mouse over a folder.

   An arrow displays on the bottom right side of the folder.

2. Click the arrow to display a menu.



Open a Folder

Opening a folder shows its subfolders and displays the subfolders and files.

➢ **To open a folder:**

Double-click the folder name.

Move a Folder

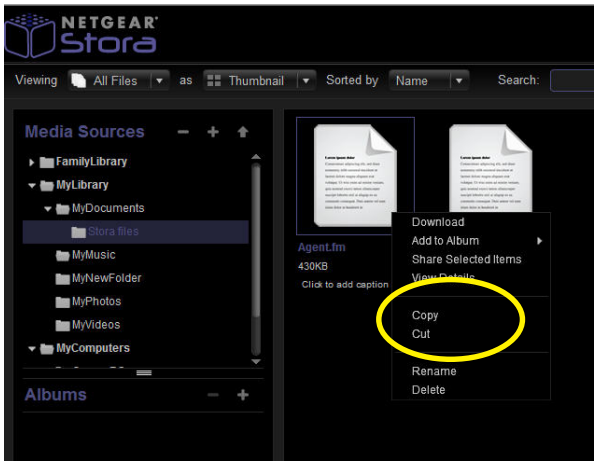
Moving a folder takes it out of one location and places the folder, along with its subfolders and files, in a different location.

➢ **To move a folder using the drag and drop method:**

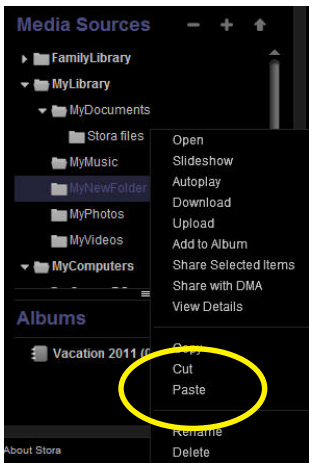
1. Select a folder icon.
2. Drag the folder icon to another location.
3. Drop the folder icon.

➢ **To move a folder using the cut and paste method:**

1. Select the folder you want to move and display the menu.



2. Select **Cut**.
3. Select the destination folder and display the menu.
4. Select **Paste**.



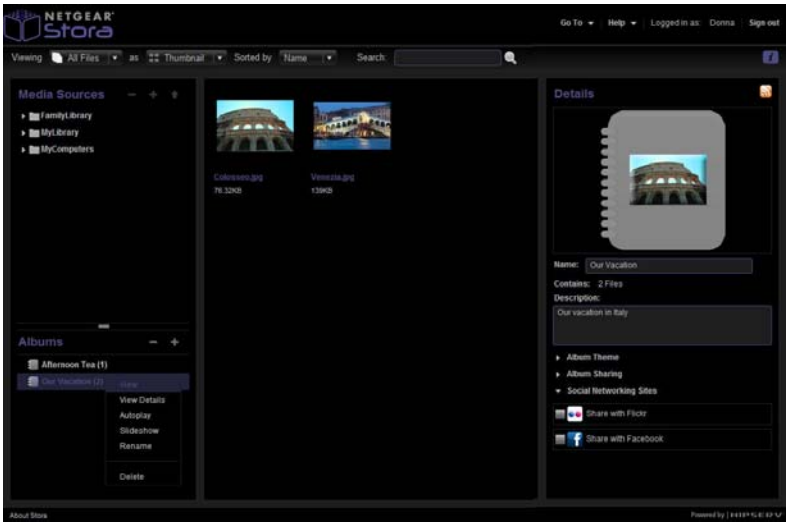
View Details

Viewing details shows information about a selected folder and allows you to edit it.

➢ **To view folder details:**

1. Select the folder and display the menu options.
2. Select **View Details**.

   The information displays in the Details area on the right side of the screen. Folder details include the name of the folder and the number of files and folders it contains.



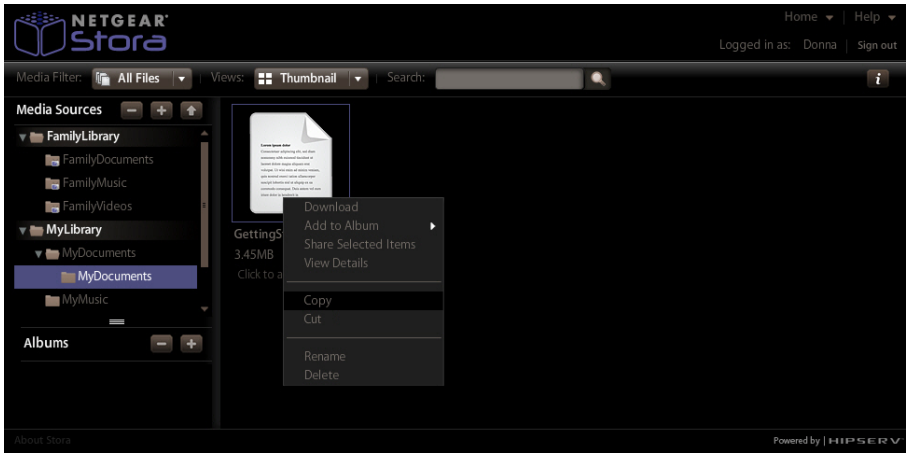
Note: The details and advanced options display on the far right. If the Stora interface is in a small window, or the screen resolution is too low, the details and advanced options might not show. To fix the problem, increase the window size until the entire screen displays.

Copy a Folder

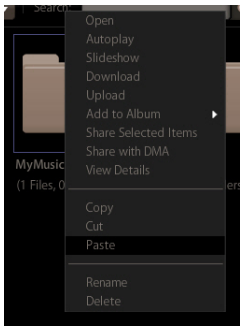
Copying a folder puts it in an additional location, along with its subfolders and files, while keeping the folder in the original place. If the new location is within FamilyLibrary, the folder is accessible to all users (unless the user account blocks access). Only you can access a folder within MyLibrary.

➢ **To copy a folder:**

1. Select a folder and display the menu.



2. Select **Copy** or **Cut**.
3. Select a destination folder and display the menu.



4. Select **Paste**.

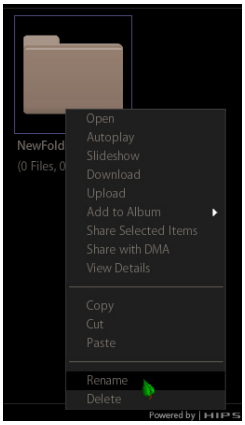
Note: You cannot copy and paste a folder from the Stora Application into another application, and you cannot copy and paste data from another application into the Stora Application.

Rename a Folder

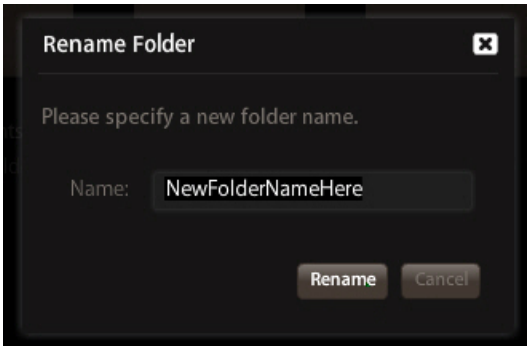
Renaming a folder changes its name.

➢ **To rename a folder:**

1. Select a folder and display the menu.



2. Select **Rename**.
3. When prompted, enter a new name.



4. Click **Rename**.

Note: If you rename a folder, and an album contains a reference to a file within the folder, the item is no longer be available from the album.

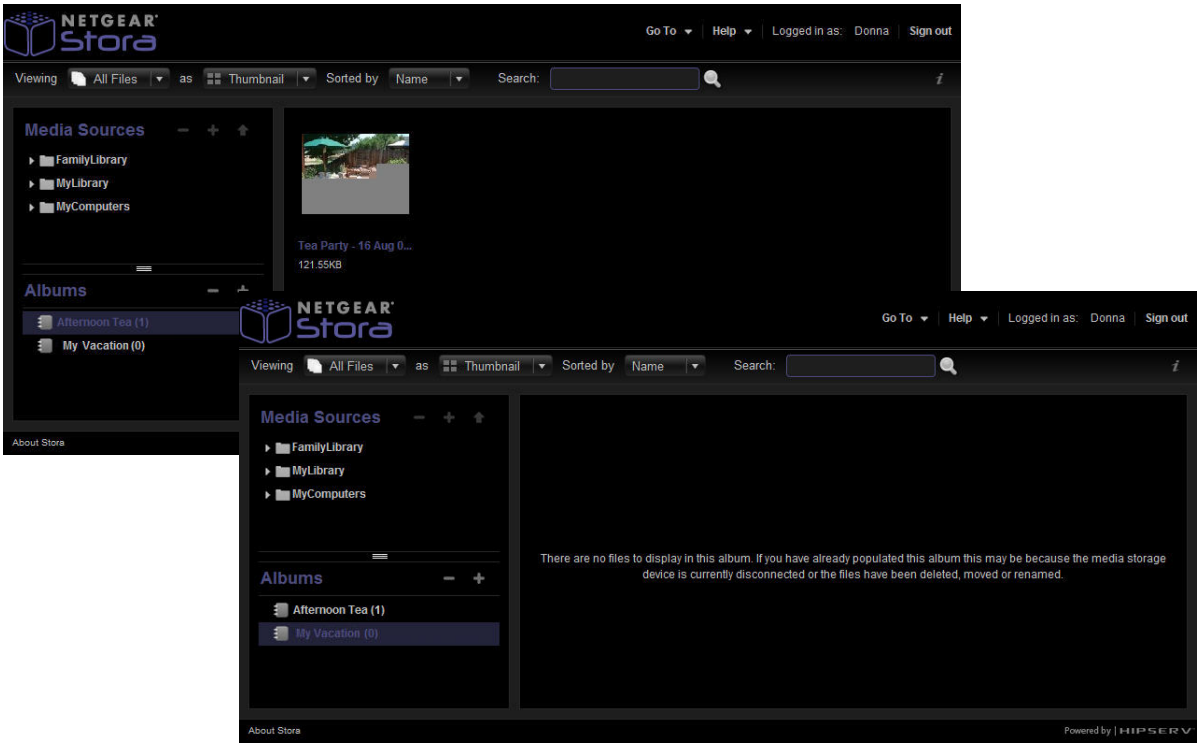
Working with Albums

Albums are viewed from the Albums screen, but created and managed from the Media Library.

An album allows you to organize and group pictures, music, videos, and documents from multiple folders. Albums are great ways to make specific content accessible from a library without sharing the entire library. An album contains references to files, but does not contain copies of the files themselves. You can add files to an album once they reside in one of the folders in the Media Sources area. An album contains references to files, but does not actually contain copies of the files themselves. This way you can have the same file in multiple albums without taking up additional space. However, if you delete a file from the folder, it is no longer available in the albums. If you already added files to an album and they do not appear, it might be that Stora is disconnected, or the files might have been deleted, moved, or renamed.

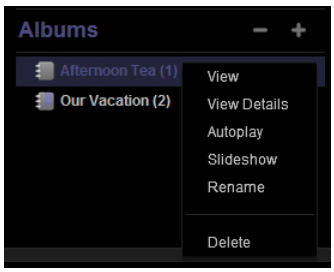
You can add a theme to your album by displaying background graphics that come with Stora application. You can leave the album unshared, or you can share it with your family, friends, or everyone.

The following images show that an album called Afternoon Tea was created, and it contains one file. A second album called My Vacation was also created, but it currently contains no files.



Display the Album Menu Options

To display the menu options for albums, move the mouse over an album and click the arrow that displays beside the name.

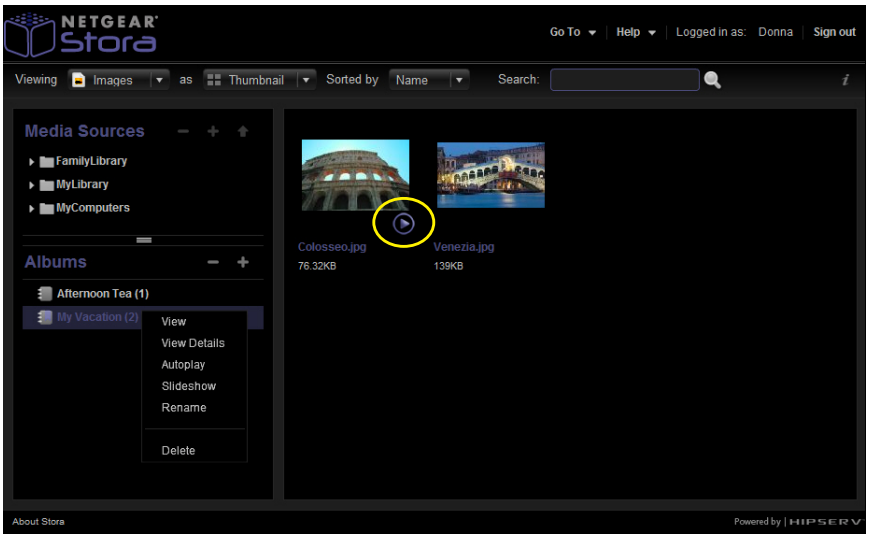


Rename an Album

If you rename a shared album (whether shared with friends or with everyone), the original link no longer works. However, the link does go to a screen listing all your albums, so others might be able to find the renamed album.

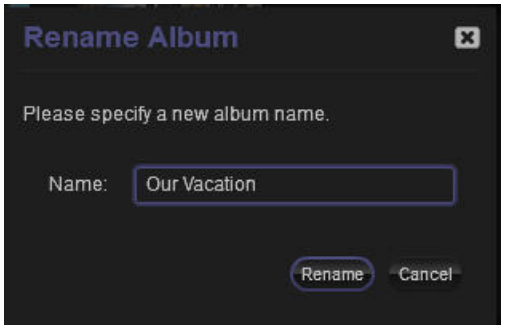
➢ **To rename an album:**

1. Select the album, display the menu options, and select **Rename**.



The Rename Album dialog box displays.

2. Enter a new name and click the **Rename** button.

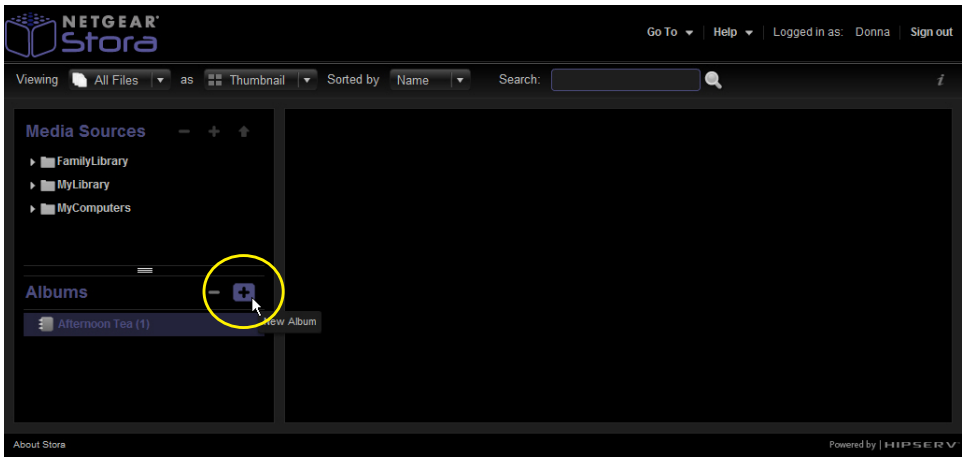


Create an Album

You can add the contents of a folder to a new album that only you can see. You can share the album later by using the Details panel to modify the settings.

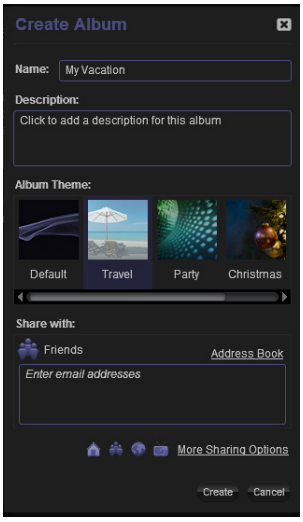
➢ **To create a new album:**

1. From the **Media Library**, go to the **Albums** area and click the new album icon.



The Create Album dialog box displays.

2. Enter a name for your new album.



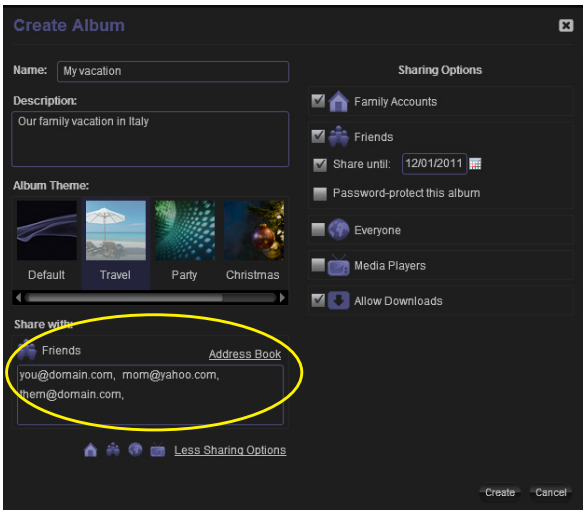
3. (Optional) Enter a description.
4. (Optional) Select a theme.

   You can add a theme to an album by displaying background graphics that come with the Stora Application.

5. (Optional) Click the **More Sharing Options** link.

   The dialog box expands.

6. (Optional) In the **Friends** field, enter the email address or addresses of the people with whom you want to share the album.



   Entering email addresses in the Friends field means that the album you are creating will be a shared album. To keep the album private, or unshared, do not enter any email addresses in this field.

The More Sharing Options link also gives you access to these options:

- **Family Accounts**. Allows you to share your albums with others on the Family network. Sharing an album with family makes it available to other Stora users, unless you block their accounts.The album then displays on their Albums screen.
- **Friends**. Select this box to share the album with your friends, and add contacts to your address book. When you share an album with friends, Stora sends them an email invitation from your email address that contains a link to the album. The link takes them to a Guest login screen, where their email address is verified before they have access to the album. By default, anyone who clicks the link can view the album. The first time you share an album with friends, Stora prompts you for your email address.

  Optionally, you can choose to set an end date for the shared access and set a password for secure access to your album.
- **Share until**. When you select the Friends or Everyone option, the Share until option displays so you can set an expiration date, if you want. Setting an end date determines how long you want the album to be shared. To set an end date, use the calendar to select your end date.
- **Password-protect this album**. Email notifications contain a link to the album. By default, anyone who clicks the link can view the album unless you limit access by requiring a password. To limit access, select the **Password-protect this album** option.

  If you select this option, an initial password is automatically generated for your friends so they can access the file. When friends first click the link in the email notification, they are prompted to create a password. Next time they click the link, they are prompted for this password.
- **Everyone**. Sharing an album with everyone makes it available to the public over the Internet. The website URL address is automatically generated and displays in the album details. If you share an album with everyone, it is automatically shared with family as well, including users without access to albums shared with family. Sharing an album with everyone also enables RSS. You can email or post the URL so anyone can see your album. This option also allows you to set an end date to end sharing.
- **Media Players**. Select this option if you want to share albums with digital media players.
- **Allow Downloads**. This option allows anyone with access to the album to download the files for his or her own use.
- **Social Networking Sites**. Select this option if you want to do an RSS feed, or share albums with Facebook and Flickr.

7. Click **Create**.

Change Album Settings

You can change an album from shared to unshared, and vice versa, or modify the album settings by changing the settings in the Details area.

➢ **To change album settings:**

1. From the Media Library, select the album you want to change.
2. Select **View Details** from the menu options.

   From the Details area, you can change any of the following:

   - Name of the album
   - Description
   - Theme
   - Sharing settings
   - Share the album using RSS, or add it to social media sites like Facebook and Flickr.

Delete an Album

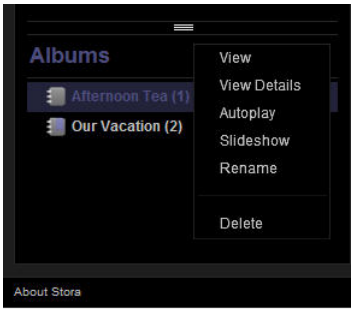
Deleting an album removes access to its files, but the files themselves remain within the folders in MyLibrary.

If you shared the album on Facebook or Flickr, the images remain on these services.

If you shared an album through RSS, the images are no longer available to the RSS readers.

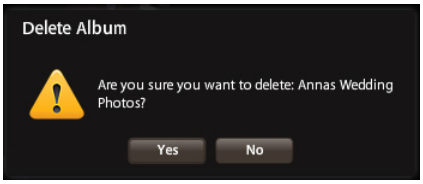
➢ **To delete an album:**

1. Go to the **Media Library**.
2. Highlight the album you want to delete.
3. Display the menu options.



4. Select **Delete**.

   You are prompted to confirm that you want to delete the album.



5. Click **Yes** to delete the album.

   If you click **No**, the album is not deleted.

   If you click **Yes**, the album is deleted.

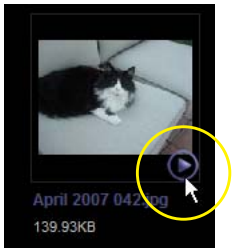
File Options

File options are similar to folder options.

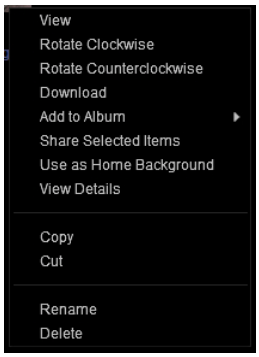
➢ **To display the options from the Media Sources list or subfolders:**

1. Move the mouse over a file.

   An arrow displays on the lower-right side of the file.



2. Click the arrow to display the options.



Working with Files

The Stora Application offers several ways to work with files.

Add Files to an Album

You can add contents of any folder to an existing album. You can add a single file or multiple files at once. If you add files from a folder to an album, files within subfolders are not included.

Adding a file to an album creates a reference to the file, but does not copy the file itself. This way you can have the same file in multiple albums without taking up any more space. When you delete a file from the folder, it is no longer available in the albums.

- **To add files to an album:**

1. Select the folder that contains the file you want to add.
2. Display the menu and select **Add to Album > <Album Name>**.

> **Note:** If you select multiple files and then select **Add to Album > New** or **Share Selected Items**, the album does not have a default name.

Play Songs

Playing songs plays the music within a folder or album, starting with the selected song. Images, videos, documents, and songs within subfolders are not played.

- **To play songs using Autoplay:**

1. Select an album.
2. Display the menu and select **Autoplay**.

   The browser automatically plays each song and shows the album art and name of the current song.

- **To play songs after displaying an album:**

  Click **Play All**.

Play a Video

Playing a video shows the video.

- **To play a video:**

1. Select a video.
2. Display the menu and select **Play**.

   The tool bar allows you control the playback.

Remove a File

Removing a file deletes it from the album but leaves the file in the folder. You can remove multiple files at once.

- **To remove a file:**

  1. Select an album.
  2. Select a file, display the menu and select **Remove**.

View Details

- **To view and edit file details:**

  Select a file, display the menu, and select **View Details**.

  The details appear in the Details area, which is displayed beside the Files area. Details for all files include the name, size, file type, and date. If the file is within a folder, the Details section shows the tags and caption. Songs include the duration. Pictures include the dimension. Videos include the duration and the dimension.

Delete a File

Deleting a file removes it from the folder. You can delete multiple files at once. If you delete a file, and an album contains a reference to it, the item is no longer available from the album.

- **To delete a file:**

  1. Select the folder that contains the file.
  2. Select the file, display the menu, and select **Delete**.

Copy a File

Copying a file puts it in an additional folder, while keeping it in the original folder. You can copy multiple files at once. Copying a file duplicates the original full-resolution version stored in the folder, not the compressed version displayed in the Stora Application.

You cannot copy and paste a file from the Stora Application into another application, and you cannot copy and paste data from another application into the Stora Application.

- **To copy a file:**

  1. Select the folder that contains the file that you want to delete.
  2. Select the file that you want to delete, display the menu, and select **Copy**.
  3. Select a destination folder, display the menu, and select **Paste**.

Move a File

Moving a file puts it in a different folder. You can move multiple files at once.

You cannot cut and paste a file to another application, and you cannot cut and paste data from another application into the Stora Application.

- **To move a file:**

1. Select the folder that contains the file that you want to move.
2. Select the file that you want to move, display the menu, and select **Cut**.
3. Select a destination folder, display the menu, and select **Paste**.

Add a Caption

A caption is a description of a file. The caption displays when you are viewing a file within a folder or album, and when an image is shared through Facebook, Flickr, or RSS. You can search for a file by entering text from its caption. For more information, see *Search for Files and Folders* on page 59.

- **To add a caption to a file:**

1. Select the file that you want to caption, display the menu options, and select **View Details**.

   The file details display.

2. Enter a caption in the **Caption** field.

Add Tags

Tags store additional information about the file.

Tags allow you to describe each file on your Stora. If you tag files consistently, you can find them more easily, especially as their number grows over time.

For example, assume you took a number of pictures at Jane's 11th birthday, which was held at your cottage. You enter tags for each picture: birthday, Jane, 11, cottage. Some pictures have Mary or Joe in them, so you enter Mary or Joe as tags in those pictures.

Later you can search for birthday pictures. Tagged pictures from all birthdays display, including tagged pictures from Jane's birthday. Or you can search for pictures from your cottage. All tagged pictures from the cottage display, including tagged pictures from Jane's birthday. If you search for birthday cottage, then only birthday pictures from the cottage display. Note that you can tag music, video, and documents as well as photos.

The tags display in the Details section when you are viewing a file within a folder. The tags do not display when you are viewing an album, nor when images are shared through Facebook, Flickr, or RSS. You can search for a file by entering text from its tags. For more information, see *Search for Files and Folders* on page 59.

- **To add tags to a file:**

  1. Select the folder that contains the file that you want to tag.
  2. Select the file, display the menu, and select **View Details**.

     The file details display.
  3. Enter tags in the **Tags** field.

Rename a File

Renaming a file changes its name. You can rename only a file within a folder. If you rename a file, and an album contains a reference to that file, the item is no longer available from the album.

- **To rename a file:**

  1. Select the folder that contains the file that you want to rename.
  2. Select the file, display the menu, and select **Rename**.
  3. When prompted, enter a new name, and click **Rename**.

Download a File

Downloading a file retrieves the original full-resolution version of the file. You can select multiple files for downloading at once. Depending on your browser settings, you can open the file, download it to a specific directory, or download it to the default directory.

- **To download a file:**

  1. From a library folder, select the file you want to download.

     If you want to select multiple files, press the **Ctrl** key while selecting multiple files. If you choose multiple files, they will be downloaded as a single ZIP file.
  2. Display the menu and select **Download**.

     A Download File dialog box displays.
  3. Click the **Save** button and select the location where you want to save the file.

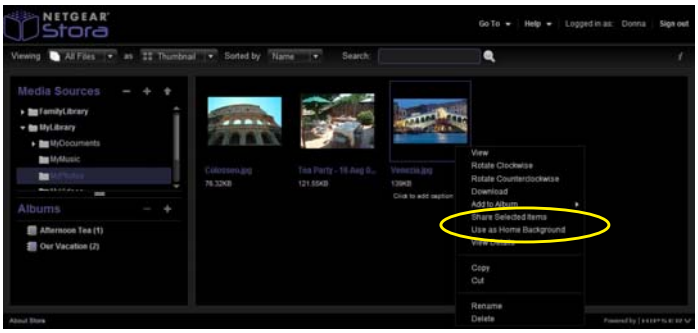
Working with Images

Use an Image as Home Background

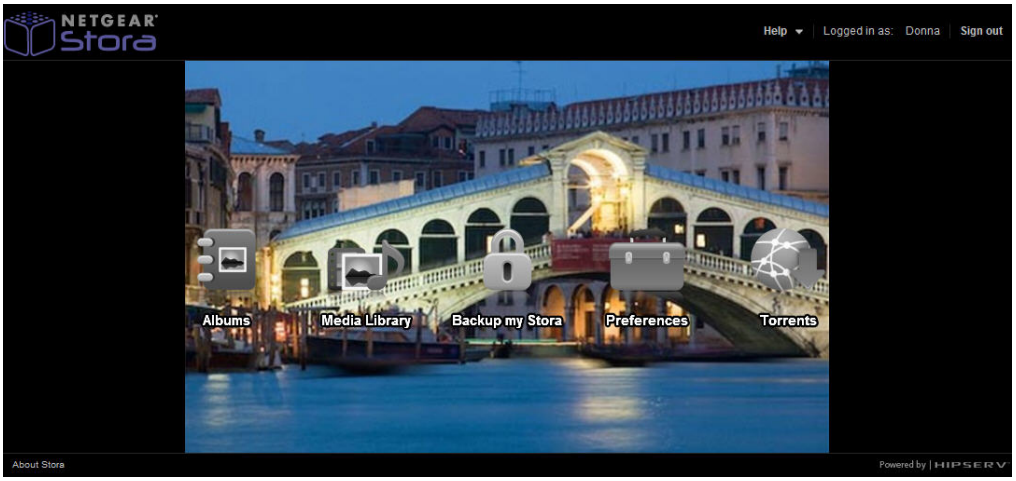
Using an image as the background causes it to display on your home screen.

➢ **To set the home screen background theme:**

1. From **Media Library**, select the image that you want to use.
2. Display the menu and select **Use as Home Background**.



The image displays on your home screen.



➢ **To modify the home screen background image:**

1. Select **Preferences > User > Home Background Position**.
2. Select **Center** or **Fit to Screen**.

➢ **To clear the home screen background image:**

1. Select **Preferences > User > Clear Home Background**.
2. Click the **Clear** button.

View

Viewing an image displays it in a paused slideshow.

➢ **To view an image:**

Double-click the image you want to view.

Rotate an Image

Rotating an image clockwise turns it to the right. Rotating an image counterclockwise turns it to the left. If the image is used in an album, it is rotated there as well.

➢ **To rotate an image:**

1. Select the folder that contains the image you want to rotate.
2. Select the image, display the menu, and select **Rotate Clockwise** or **Rotate Counterclockwise**.

Access a File

The file type determines what happens when you access a file:

- An image is displayed within a paused slideshow.
- A video is played.
- A song is played, followed by other songs within the album.
- A document is opened or downloaded, depending on your browser settings.

➢ **To access a file:**

Double-click a file you want to access.

Setting Up Contacts

You can set up contacts in your address book and use the contact list to share albums. You need to set up the address book only one time, although you can add, edit, and remove contacts at any time. The contact list contains friends with whom you want to share the album and needs to be set up for each new album. This allows you to share each album with a different set of your friends. Additionally, all Stora users can set up their own address books that contain the names and email addresses of their contacts.

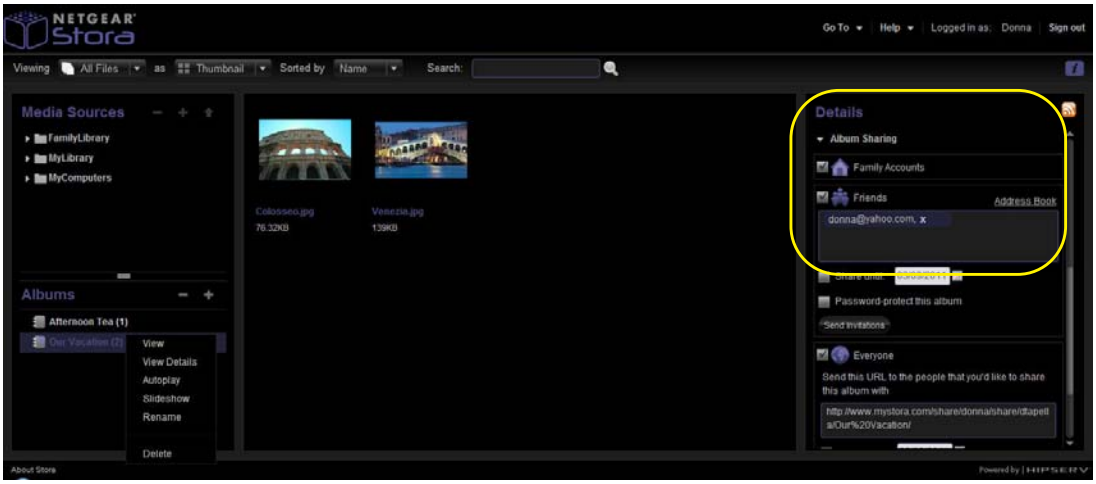
View Your Contacts

Viewing your contacts shows your address book and the contact list for the current album.

➢ **To view your contacts:**

1. From an album, open the options menu and select **View Details**.

   The album details display.

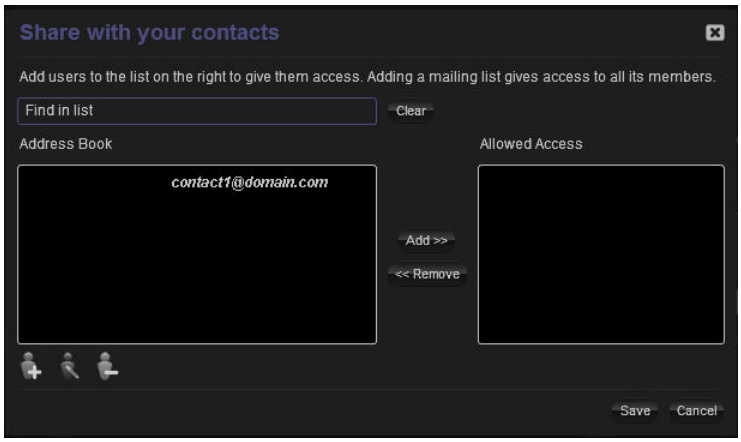


2. From the **Details** area on the right side of the screen, select **Album Sharing > Friends**.

   The Friends area expands.

3. Click **Address Book**.

   The address book displays in the Share with your contacts screen.



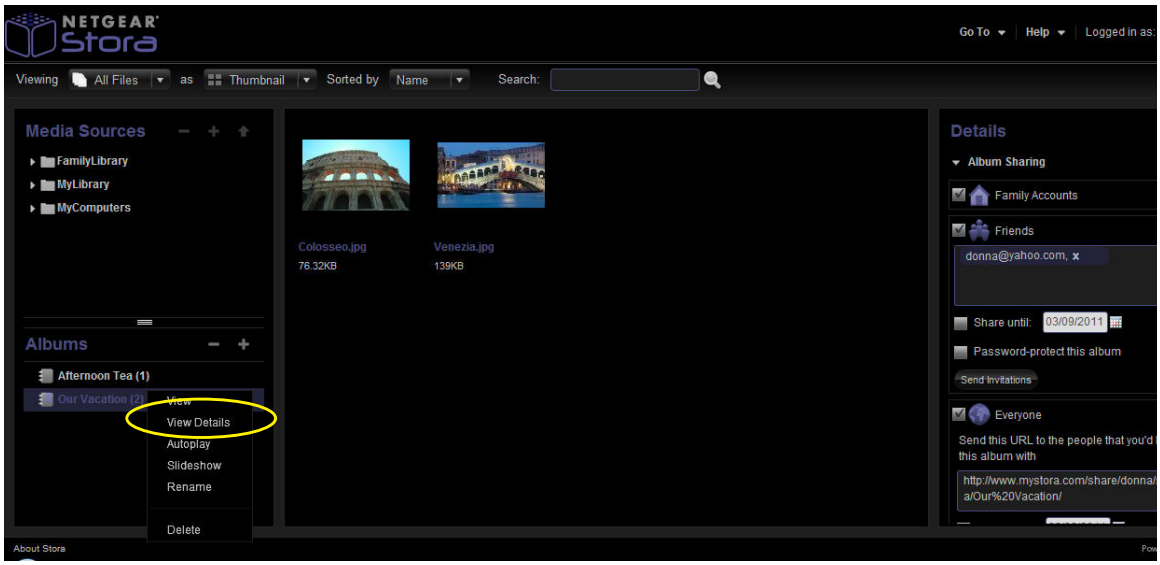
   You can add, edit, or remove contacts.

Set Up Your Address Book

Your address book stores email addresses of people with whom you want to share Stora content.

➢ **To add a contact in your address book:**

1. In the Media Library, select an album, display the menu and select **View Details**.



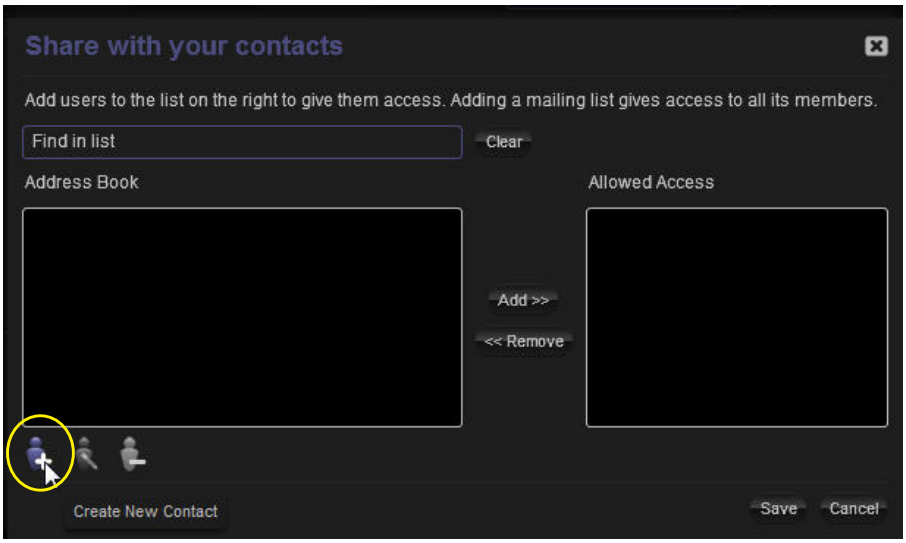
   The Details screen displays.

2. Select the **Friends** check box.

   The list of people, if any, with access to this album displays in the box.

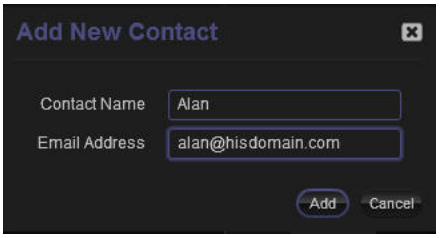
3. Click the **Address Book** link.

4. Click the **Add Friends** icon on the bottom of the screen.



The Add New Contact dialog box displays.

5. Complete the fields in the **Add New Contact** dialog box:



   a. Enter the contact's name.
   b. Enter the contact's email address.
   c. Click the **Add** button.

- **To edit a contact in your address book:**

1. In the **Address Book** list, select the contact you want to edit.
2. Click the **Edit Contact** icon on the bottom of the screen.
3. Edit the contact details.

- **To delete a contact from your address book:**

1. In the **Address Book** list, select the contact you want to delete.
2. Click the **Delete Contact** icon on the bottom of the screen.
3. Click the **Save** button.

Set Up the Allowed Access List

After you create contacts in your address book, you can include them in the Allowed Access list for an album.

➢ **To add or remove a contact in the Allowed Access list:**

1. From the Media Library, select an album, display the menu, and select **View Details**.

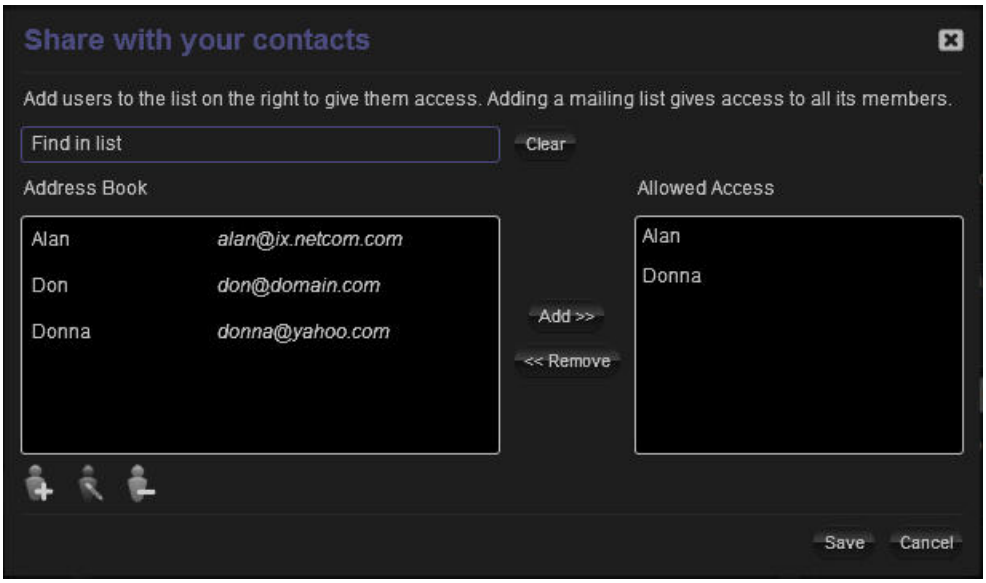
   The Details screen displays.

2. Select the **Friends** check box.

   The Friends area expands.

3. Click the **Address Book** link.

   The Share with your contacts screen displays.



4. To add a contact, select a name from the **Address Book** list and click the **Add** button.
5. To remove a contact, select a name from the **Allowed Access** list and click the **Remove** button.
6. Click the **Save** button.

Note: If you email an invitation to a friend, and then remove him or her from the list, he or she no longer has access to the album.

Find a Friend

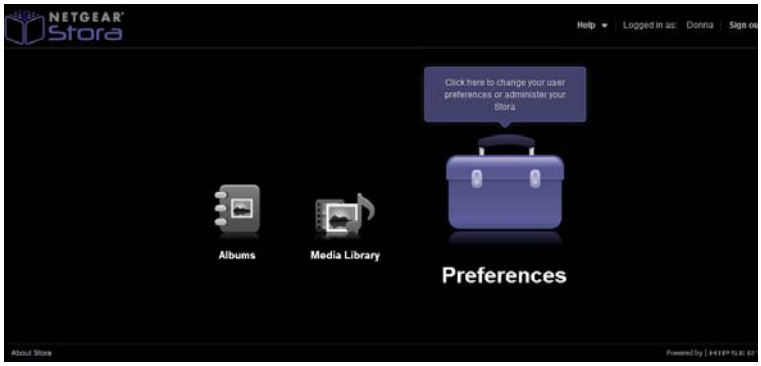
To find a specific person in your address book, enter some letters from that person's name in the **Find in list** field. The Address Book list shows all matching entries.

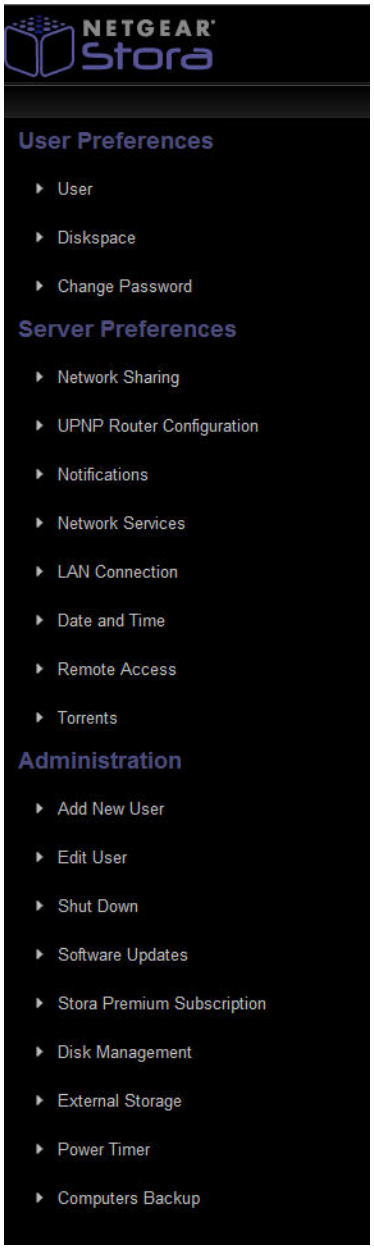
Preferences

The administrator can set up user, server, and administration preferences. Where noted, some preferences are available to all users. Other preferences require administrator permission.

Display the Preferences Screen

From the home screen, click **Preferences**.





The Preference area is divided into three main sections:

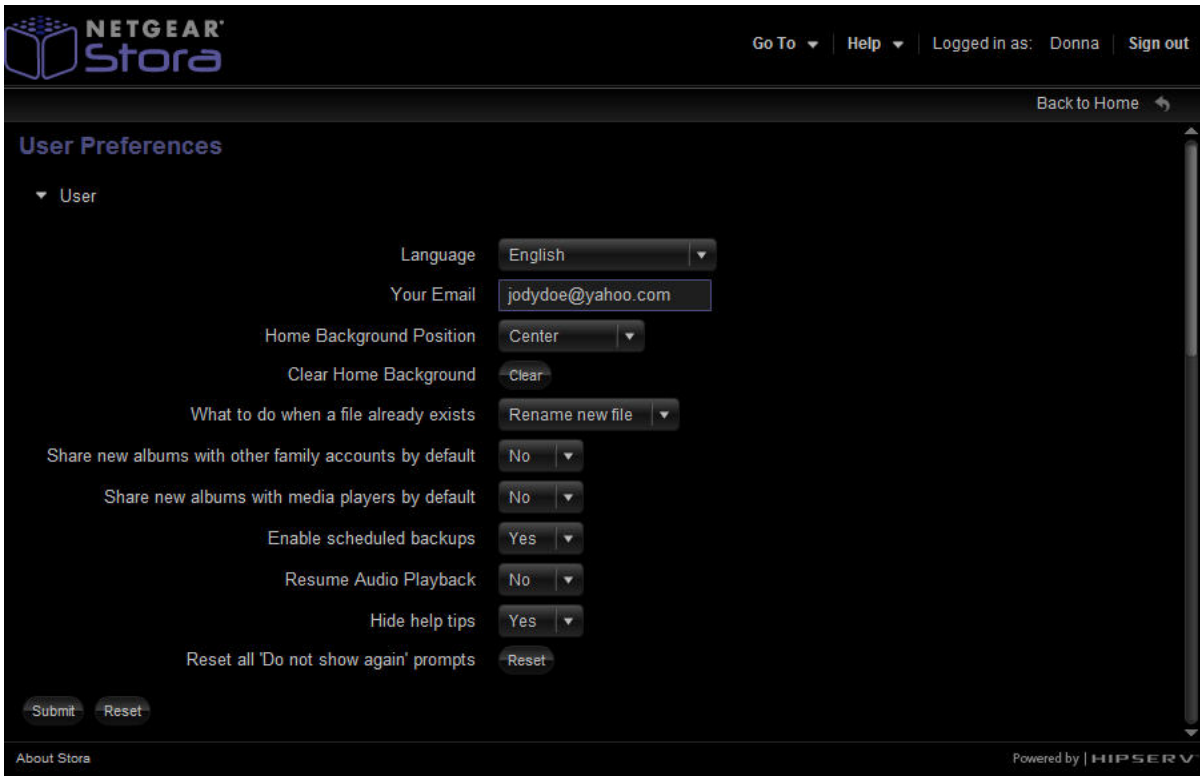
- User Preferences
- Server Preferences
- Administration Preferences

User Preferences

All users can set their user preferences at any time.

User

Click the arrow next to User to expand the section.



Users can set the following preferences:

- **Language**. The language for the Stora Application user interface. The selection of languages depends on your region. The default language is from your computer's configuration.
- **Your Email**. A valid email is required to share files.
- **Home Background Position**. Determines how the home background image is displayed, as follows:
  - **Center**. This is the default position.
  - **Fit to screen**. Fits the home screen background image to the screen.
- **Clear Home Background**. Removes the image from your home screen.

- **What to do when a file already exists**. Determines the behavior if you copy or move a file to a folder that already contains a file with the same name, as follows:
  - **Overwrite old file**. The new file replaces the old file.
  - **Keep existing file**. The old file is retained, and the new file is not copied or moved.
  - **Rename new file**. The old file is retained, and the new file is copied or moved, but is renamed.
- **Share new albums with other family accounts by default**. Determines whether new albums are shared with other Stora users by default, as follows:
  - **No**. New albums are not shared with family.
  - **Yes**. New albums are shared with family.

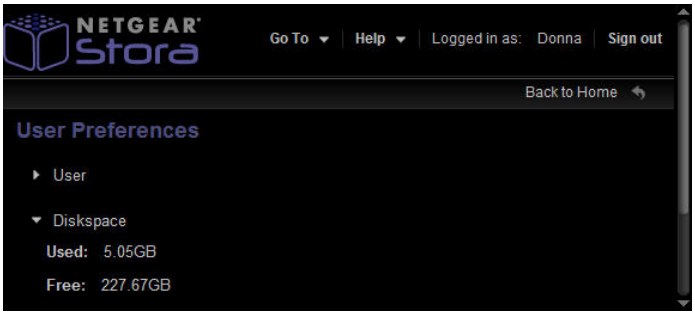
  You can override the setting when you create or edit an album.
- **Share new albums with media players by default**. Determines whether new albums are shared with media players on your home network by default.
  - **No**. New albums are not shared with media players.
  - **Yes**. New albums are shared with media players.

  You can override the setting when you create or edit an album.

  Media players need to support the UPnP-AV (Universal Plug and Play Audio Visual), DLNA (Digital Living Network Alliance), or Windows Media Connect standard. Media players include gaming consoles (Xbox 360 and PS3), digital photo frames, iTunes clients, IP televisions, networked sound systems (Sonos, Logitech), digital video players (Roku, NETGEAR Digital Entertainer, DLink DSM), and many more.
- **Enable scheduled backups**. Determines if scheduled backups are enabled, as follows:
  - **No**. Disables scheduled backups.
  - **Yes**. Enables scheduled backups. Default is Yes.
- **Resume Audio Playback**. Determines if audio playback is resumed, as follows:
  - **No**. Disables playback. The default is No.
  - **Yes**. Resumes playback.
- **Hide help tips**. Determines if Tip of the Day is enabled, as follows:
  - **No**. Disables the Tip of the Day.
  - **Yes**. Enables the Tip of the Day. The default is Yes.
- **Reset all ‘Do not show again’ prompts**. Removes any saved prompts and reactivates all prompts when the Do not show me again option was previously selected.

Disk Space

All users can view the amount of space on Stora.



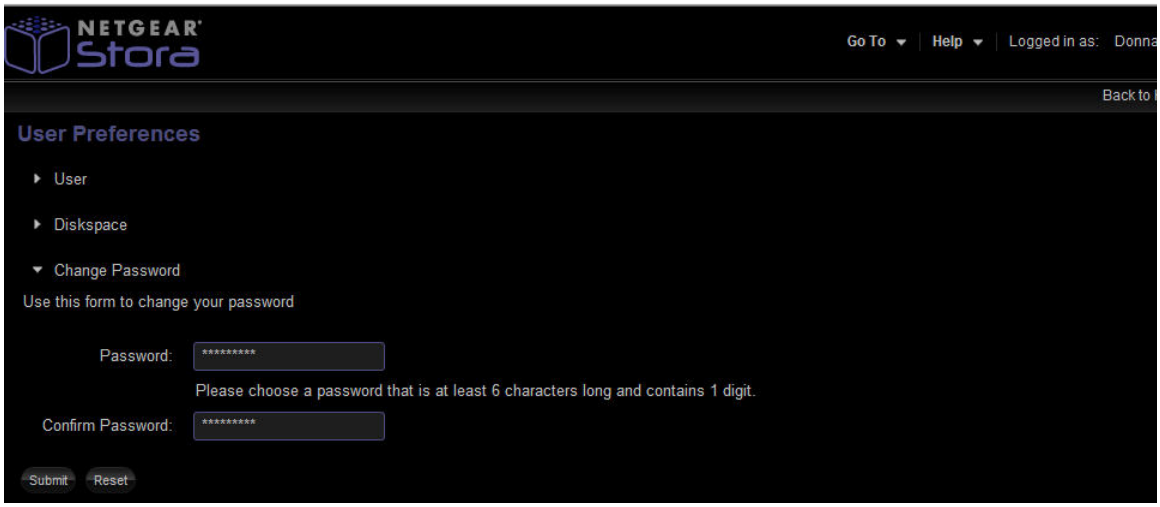
Change Password

➢ **To change your password:**

1. Select **Preferences > User Preferences > Change Password**.

   The change password area expands.

2. Enter a new password in the **Password** field.



3. Re-enter your new password in the **Confirm Password** field.
4. Click **Submit**.

Note: If you change your password here and back up your computer using Desktop Mirror, you need to update the Desktop Mirror with your new password. See *Change Account Settings* on page 130.

Server Preferences

You can control the following settings in the Server Preferences area:

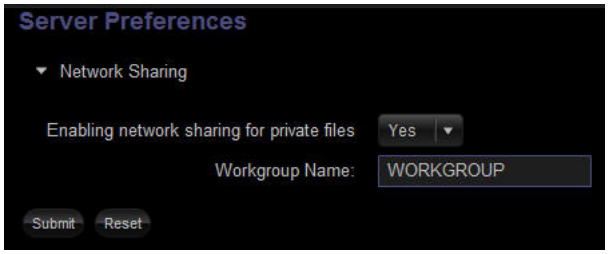
- Network Sharing
- UPnP Router Configuration
- Notifications
- Network Services
- LAN Connection
- Data and Time
- Remote Access
- Torrents

Network Sharing

The administrator can control access through Stora folders to private MyComputers and MyLibrary folders.

> **Note:** This setting does not control access to FamilyLibrary folders. A user always has access to these through Explorer or Finder.

Click the arrow next to **Network Sharing** to expand the area.



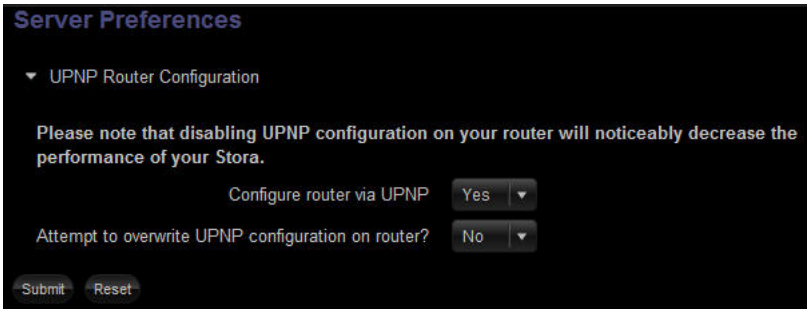
The Network Sharing list controls whether users can access their private folders through Stora Folders, as follows:

- **Yes**. Users can access their private folders through Explorer or Finder.
- **No**. Users cannot access their private folders through Explorer or Finder.

The Workgroup Name field sets the name of the workgroup. The workgroup gives the computers on your home network access to Stora through Explorer or Finder, and to the USB printer optionally connected to Stora.

UPNP Router Configuration

Click the arrow next to **UPNP Router Configuration** to expand the area.



You can configure your router through UPNP. Note that disabling UPnP configuration on your router noticeably decreases the performance of your Stora. You have the following choices on the UPNP Router Configuration screen:

- Configure router via UPNP
  - Yes
  - No
- Attempt to overwrite UPNP configuration router?
  - Yes
  - No

UPNP Port Mapping

When you configure your router, its interface shows a table similar to the following:

Active	Protocol	Internal Port	External Port	IP Address*	Stora Port Usage
YES	TCP	20	20	192.168.1.2	FTP
YES	TCP	21	21	192.168.1.2	FTP
YES	TCP	22	22	192.168.1.2	SSH
YES	TCP	80	80	192.168.1.2	HTTP
YES	TCP	443	443	192.168.1.2	HTTPS
YES	TCP	50000	50000	192.168.1.2	FTPS
YES	TCP	50001	50001	192.168.1.2	FTPS
YES	TCP	51413	51413	192.168.1.2	Torrent servers

**This is a sample IP address. The actual IP address of your Stora is assigned by your router, and is automatically entered by your Stora and might vary from the IP address shown here. The IP address in your router's interface is the IP address for your Stora.*

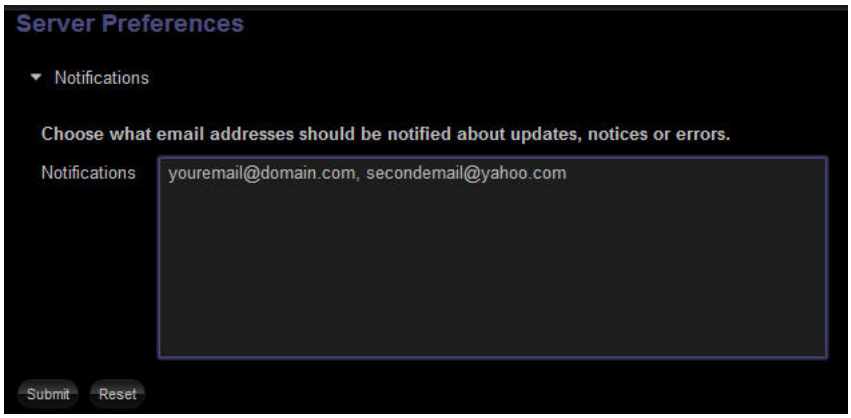
Open Router Ports

The following table lists the router ports that need to remain open.

Port Number	Use
Incoming	
80	External access to the web interface, WebDAV access, or both
443	External access to the web interface, WebDAV access, or both
21	Used for external access to Stora FTP (when the service is enabled)
Outgoing	
22	Access to central server during setup or reinstall
80	Stora update checks
443	IP address updates to the central server

Notifications

Click the arrow next to **Notifications** to expand the area.



➢ **To set up email notifications:**

1. Enter email addresses where you want to receive notifications about your Stora in the **Notifications** field.

   You can set one or more email addresses to receive notifications about Stora. Use a comma to separate email addresses.

2. Click **Submit**.

Network Services

You can control FTP access to Stora. For better security, disable FTP access unless you specifically require it. If FTP is enabled, you can use it to upload and download files in the

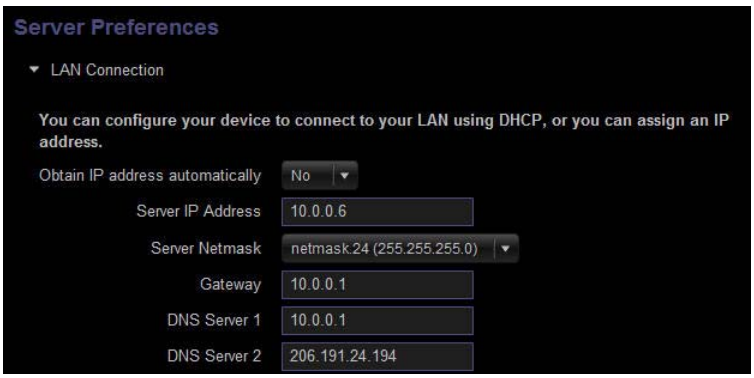
MyLibrary folders. If your account provides access, you can also use FTP for files in the FamilyLibrary folders.

You can set the following network preferences:

- **Enable FTP access to your local LAN**. The Enable FTP access to your local LAN list controls whether a local user can FTP into Stora, as follows:
  - **Yes**. A local user can use FTP to access Stora.
  - **No**. A local user cannot use FTP to access Stora.
- **Enable FTP access to the Internet**. The Enable FTP access to the Internet list controls whether a remote user can FTP into Stora, as follows:
  - **Yes**. A remote user can use FTP to access Stora.
  - **No**. A remote user cannot use FTP to access Stora.

LAN Connection

Click the arrow next to LAN Connections to expand the area.



The Obtain IP address automatically drop-down menu controls whether Stora obtains a dynamic IP address from the router.

The administrator can set IP address information for Stora, as follows:

- **Yes**. Stora automatically obtains a dynamic IP address from the router using DHCP In most cases, use this setting.
- **No**. Stora uses the static IP address entered into the Server IP address field. This is rarely required, but might improve performance for remote users.

  Selecting No makes the following settings available:

  - **Server IP address**.The Server IP address field sets the static IP address for Stora. Obtain the static IP address from your Internet service provider (ISP), and use it to replace the dynamic IP address that displays in the field by default. The Server IP address field displays only if Obtain IP address automatically is set to No.
  - **Server Netmask**.The server netmask field sets the subnet mask. The subnet mask determines the address range of the subnet. Data to addresses within the subnet (for example, between your computer and Stora) are routed within the network. Data to addresses outside the subnet (for example, between a remote user and Stora) are

routed to the Internet. Most home networks with less than 255 nodes use netmask.24. The Server Netmask field only displays if Obtain IP address automatically is set to No.

Netmask options:

- netmask.24 (255.255.255.0)
- /8 (255.0.0.0
- /16 (255.255.0.0)
- /32 (255.255.255.255)

- **Gateway**. Sets the IP address of the device that routes data from Stora to the Internet (usually a router). The Gateway field displays only if Obtain IP address automatically is set to No.
- **DNS Server 1**. Sets the primary domain name server (DNS). This is obtained automatically from your router's DHCP configuration, and is provided by your ISP.
- **DNS Server 2**. Sets the secondary domain name server. This is obtained automatically from your router's DHCP configuration, and is provided by your ISP.

Date and Time

The administrator can set the date and time for Stora.

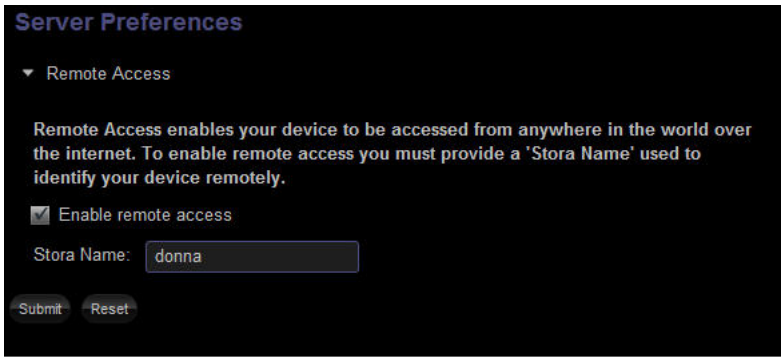
The administrator can control the following date and time settings:

- **Set date and time from the Internet**. Controls where Stora obtains the date and time, as follows:
  - **Yes**. Stora obtains the date and time from network time protocol (NTP) servers. In most cases, use this setting. Selecting Yes displays the Internet Time Servers field, which sets the NTP servers used by Stora. In most cases, use the default NTP servers.

- **No**. The administrator sets the date and time for Stora. Selecting No enables the following settings:
  - **Date**. The Date field sets the current date. Set the date by clicking the **Calendar** icon and then choosing the year, month and date.
  - **Time**. The Time field sets the current time. Set the time using the up and down arrows after clicking the hour and minute.
- **Country**. Select your country.
- **City**. Select a city within your time zone.

Remote Access

Remote access enables your device to be accessed from anywhere in the world over the Internet. To enable remote access you need to provide the Stora name used to identify your device remotely. Select the check box to enable remote access. Clear the check box to remove access.



Torrents

Torrent service allows you to download files from torrent sites directly to your Stora. Torrent service is available with a Premium subscription only.

For more information about torrents, see *Using Torrents* on page 146.

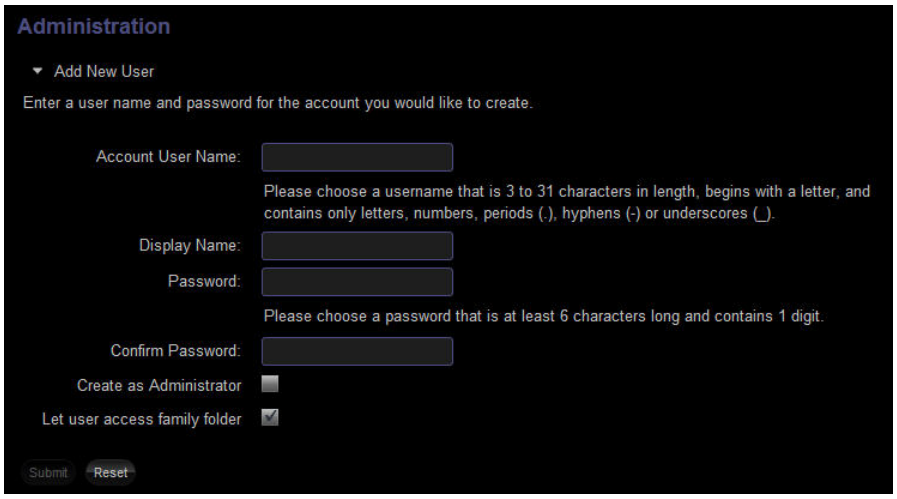
Administration

The Administration area provides access to the following functions:

- Add new users
- Edit users
- Shut down and restart Stora
- Get software updates
- Obtain a Stora Premium subscription
- Perform disk management and check RAID or JBOD status
- Use an external USB device
- Use the Power Timer to automatically turn on and off the Stora unit
- Set computers backup

Add New User

Click the arrow next to **Add New User** to expand the area.



You can add new users so that each user in your family can have their own MyLibrary folders.

You can control the following settings:

- **Account User Name**. Sets the name of the user. It must begin with a letter, and include at least three characters, and up to 32 characters in length. It can contain numbers, periods, underscores, and hyphens.
- **Display Name**. Sets the name that displays in the main menu of Stora Application. The display name also displays on the Albums screen before the user's albums. This is an optional field. If used, the display name needs to be at least three characters.
- **Password**. Sets the user's password. It must be at least six characters, and one of the characters must be a digit.
- **Confirm Password**. Use to confirm a new password.

- **Create as Administrator**. Gives the user administrator permissions. The default setting denies administrator permissions.

  A user with administrator permissions has access to all the preferences.

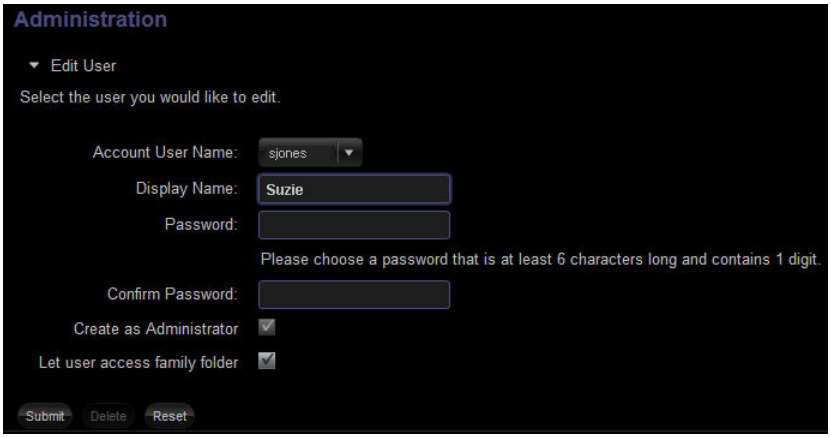
  A user without administrator permissions has access to the User, Diskspace, and Change Password preferences only.

- **Let user access family folder**. Gives the user access to the FamilyLibrary folders, and allows them to view albums that have been shared with family. The default setting grants access.

Note: If you disable access to the FamilyLibrary folders, a user can still access them using Windows Explore or Mac Finder through Stora folders.

Edit User

Click the arrow next to **Edit User** to expand the area.



After a user is added, you can edit user accounts.

The options are the same as for when you add a new user. See *Add New User* on page 104 for detailed descriptions of each setting.

Delete User

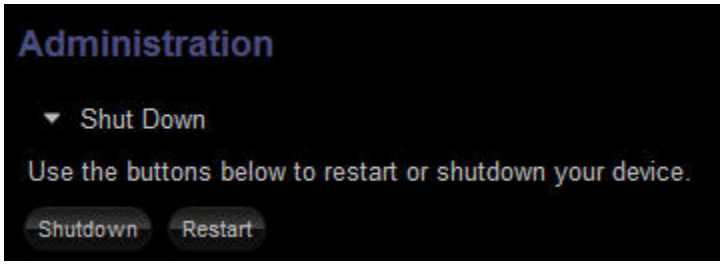
You can delete a user using the settings in this area. If you delete an individual user account, all data for that specific user is also deleted.

➢ **To delete a user:**

1. Select **Preferences > Edit User**.
2. Select a user from the **Account User Name** drop-down menu.
3. Click the **Delete** button.

Shut Down

Click the arrow next to Shut Down to expand this area.



You can use this area to gracefully shut down or restart Stora.

Software Updates

You can check for software and firmware updates to Stora.

- **To check for updates:**

  Click the **Check Now** button.

  If no updates are available, a Your Stora is up-to-date message displays.

Stora Premium Subscription

You can update your Standard subscription to a Premium subscription at any time. For a list of Premium features and benefits, see *Standard and Premium Features* on page 8.

- **To update your subscription:**

  1. Go to the Stora Application home screen.
  2. Select **Preferences > Administration > Stora Premium Subscription**.
  3. Follow the prompts.

Disk Management

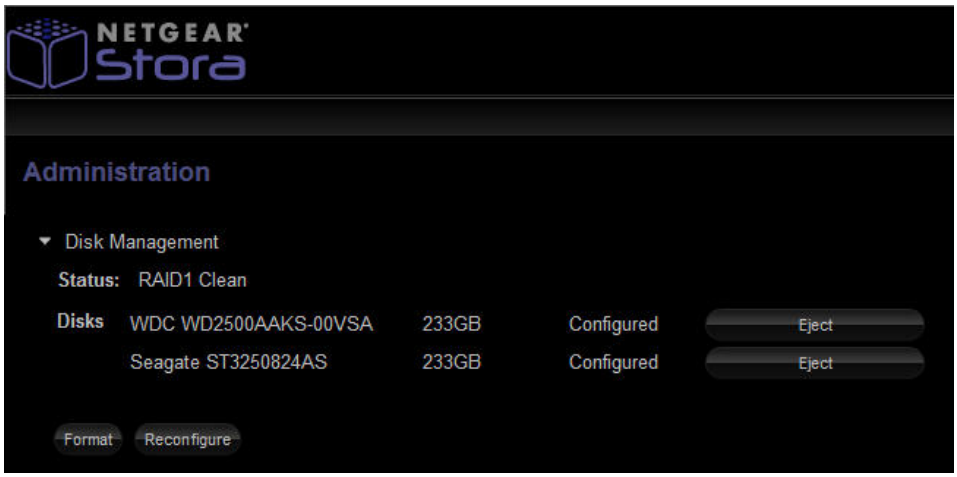
This area allows you to check the status of your disks and indicates the disk type, size, and status.

Eject

This button allows you to safely remove and replace a disk without damaging the disk or losing data.

Format

This button allows you to erase all data from Stora disk. This option automatically reboots your Stora.



You can maximize data protection by adding a second backup disk to your RAID1 configuration. When you add a second disk, the data stored on the first disk is copied to the second disk as a mirrored backup and protects your data against disk failure and loss.

If you add a second disk, you need to format it. Until it is formatted, it shows as unused, and cannot capture data.

- **To format a new disk:**

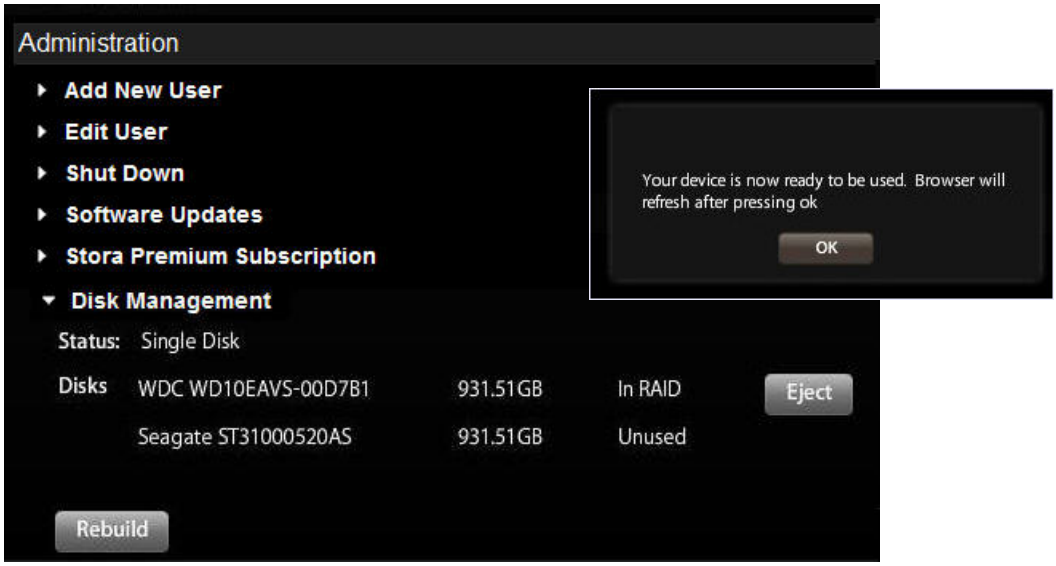
  1. Click the **Format** button.
  2. Click **Yes** to continue the format process.
  3. Follow the prompts as they display.

Rebuild

This button displays only if a disk has a problem.

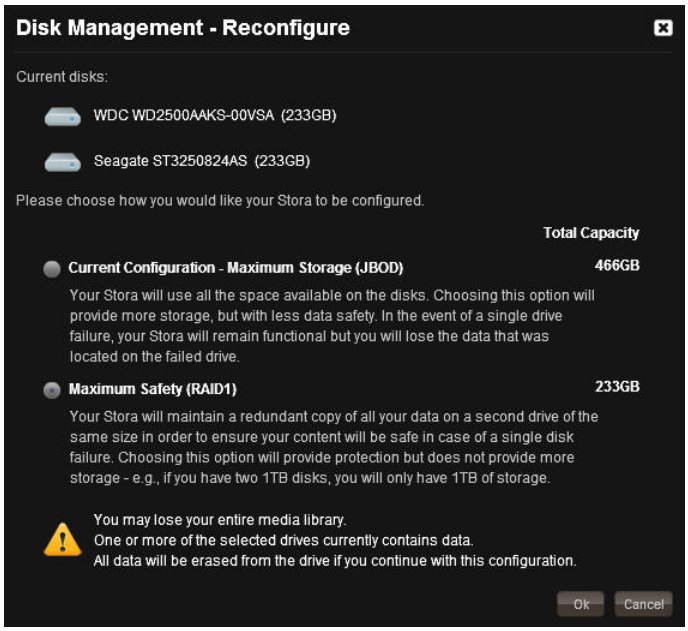
- **To restore functionality:**

  Click the **Rebuild** button and click **OK** to refresh the browser.



Reconfigure

This button allows you to reformat your disks to either RAID1 or JBOD.



When you click the Reconfigure button, a screen displays showing which configuration you currently use and provides the option to change it.

If you have one disk in your Stora, it is formatted as RAID1. If you have two disks in your Stora, you can use either to use either RAID1 or just a bunch of disks (JBOD) disk format. It is important to understand the advantages of the RAID1 and JBOD formats:

- **RAID1**. By using the RAID format and two disks, you can create a mirrored backup of the first disk on the second disk and protect your data against disk failure.
- **JBOD**. If you have two disks in your Stora, you can increase your storage capacity by choosing to use the disk as a second storage drive, rather than as a mirroring of the first disk. To use the disk as a second storage drive, you must configure the disks as JBOD.

WARNING!

Although JBOD increases storage capacity to the total capacity of both disks, it provides *no* protection against disk failure. Do not use JBOD if you are storing important irreplaceable data. NETGEAR assumes no responsibility for lost data and does not offer data recovery services if a drive fails.

➢ **To reconfigure a disk:**

1. Select **Preferences > Administration > Disk Management**.

The Disk Management area expands.

2. Click the **Reconfigure** button.

   The Disk Management - Reconfigure screen displays.

3. Select the radio button next to the disk format that you want to implement.

   Additional information displays.

4. Click the **Ok** button.

   If you click the **Cancel** button, the reconfigure process is aborted.

   You are prompted to confirm that you want to reformat the disk.

5. Click the **Yes** button.

   If you click the **No** button, the reconfigure process is aborted.

6. Follow the prompts that display as the process progresses.

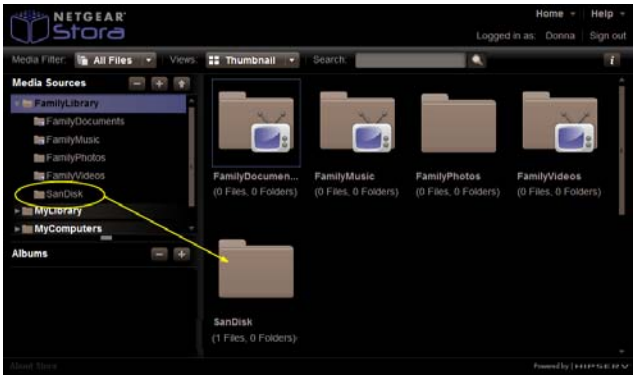
External Storage - USB

You can use an external device that uses a USB port to upload or download content to and from your Stora.

➢ **To use USB external storage:**

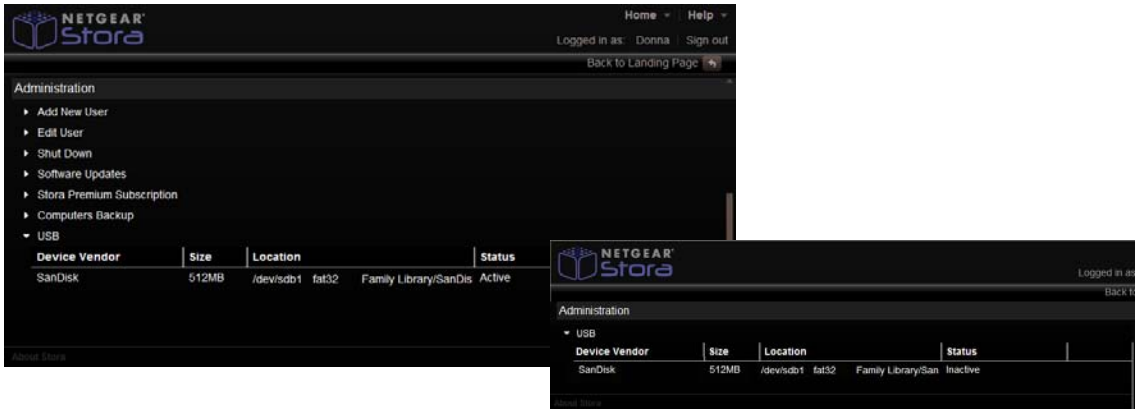
1. Plug a USB device into the USB port on the front of Stora.

   The device displays as a folder in the Media Sources area.



2. Select **Preferences > Administration > External Storage**.

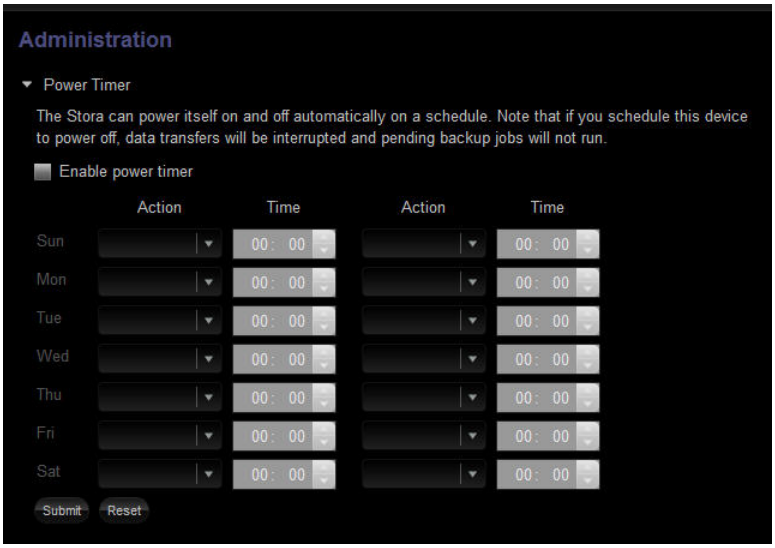
   The screen displays details about the device. You can also safely eject the device. After the device is ejected, it shows as inactive.



Note: You might use a powered hub to expand the USB port to support a single printer and multiple USB drives. Multiple printer support is not available.

Power Timer

Stora automatically spins down when not used for 12 minutes. To reduce power consumption, you can use Power Timer to set your Stora to turn on and off automatically.



➢ **To enable Power Timer:**

1. Select **Preferences > Administration > Power Timer**.
2. Select the **Enable power timer** check box.
3. Use the **Action** and **Time** drop-down menus associated with each day of the week to set the schedule.

Note: Scheduling Stora to turn off interrupts data transfers, and pending backup jobs do not run.

Computers Backup

Your can configure Stora to be the destination for Windows Backup and Mac OS X Time Machine backups.

When you enable this feature, a special hidden section on Stora is assigned to contain the backed-up files. This section is not visible to the user because the contents are not usable by the user directly and can be used only for restoring backups.

Vista Backup users can choose to go through the setup tutorial after installing the desktop applications or at a later time by selecting **Vista Backup** in the Stora Desktop Applications program group. The tutorial provides step-by-step instructions about setting up Vista Backup.

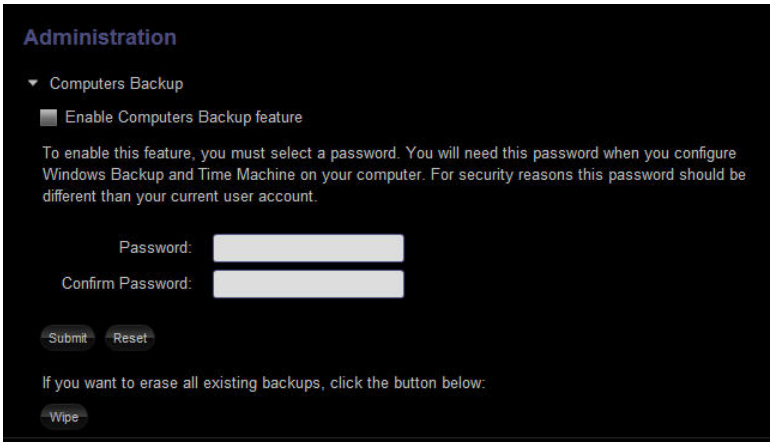
Time Machine backup support is available for Max OS X 1.5 and later. Time Machine backup users can set up Time Machine backups by selecting **Applications > Stora Desktop Applications > Configure Time Machine**. A wizard provides step-by-step instructions about setting up Time Machine backups.

➢ **To enable Computers Backup:**

1. Select **Preferences > Administration > Computers Backup**.

   The Computers Backup screen displays.

2. Select the **Enable Computers Backup** check box.



3. Enter a password to be used with Windows Backup or Time Machine in the **Password** and **Confirm Password** fields.
4. Click the **Submit** button if this is a new password or the **Reset** button if you are changing your password.
5. (Optional) To erase all existing backups, click the **Wipe** button.

   You are prompted to confirm the wipe command.
6. (Optional) Click **Yes**.

   If you click **No**, the wipe process is aborted.

   If you click **Yes**, all existing backups are erased.

Set Up Social Networking Connections

The following sections describe how to set up social media networking connections.

Share via RSS

Sharing content via RSS is available with a Premium subscription only. For more information about this Premium subscription feature, see *RSS Integration and Support* on page 148.

Share with Media Players

Sharing files with media players allows media players on your home network to detect and access content within the album. The media player needs to support the UPnP-AV, DLNA, or Windows Media Connect standard. Media players include gaming consoles (such as Xbox 360 and PS3), digital photo frames, iTunes clients, IP televisions, networked sound systems (such as Sonos and Logitech), digital video players (such as NETGEAR NeoTV™), and many more.

➢ **To share an album with media players on your home network:**

1. Select **Media Library > Albums**.
2. Select an album, display the menu and select **View Details**.

   The Details screen displays.
3. Select the **Media Players** check box.

Share with Facebook

When you share an album on Facebook, Stora uploads the images from the album, and Facebook adds them to a photo album. If you add more images to the album, Stora automatically uploads them to the photo album.

➢ **To create a Facebook photo album with images from a Stora album:**

1. Select **Media Library > Albums**.
2. Select an album, display the menu and select **View Details**.

   The Details screen displays.
3. Expand the **Social Networking** area.
4. Select **Share with Facebook**.

   The Service Authorization window displays.
5. Click the **Facebook** icon.

   A browser window displays, prompting you to authorize Facebook to use Stora. If necessary, enter your Facebook user name and password, and authorize Stora to link with your Facebook account.
6. Close the browser window and click **Authorization complete**.
7. Select an existing photo album, or create a new photo album by entering its name and optional description, and click **Submit**.

   Stora uploads the images to the photo album.
8. To complete the photo album, log in to Facebook, and then select the photo album.

   A message similar to “This album contains photos uploaded from another application” displays.
9. Select photos and click **Approve Selected Photos**.

   You can edit, organize, and share photos as you usually do.

   Stora uploads only images from the album; it does not upload documents, music, or videos. The images are uploaded with their captions, but not their tags. If you add more images to the album, Stora automatically uploads them. You need to approve these new photos as described in this procedure. However, removing images from an album does not remove them from Facebook.

Share with Flickr

Sharing Stora content with Flicker is available with a Premium subscription only. For more information about this Premium subscription feature, see *Flickr* on page 149.

Share Files with DMAs

Sharing files with digital media adapters (DMAs) allows media players on your home network to detect and access content within the folder. The media player needs to support the UPnP-AV, DLNA, or Windows Media Connect standard. Media players include gaming consoles (such as Xbox 360 and PS3), digital photo frames, iTunes clients, IP televisions, networked sound systems (such as Sonos and Logitech), digital video players (such as NETGEAR NeoTV), and many more.

- **To share a folder with media players:**

  Select the folder, display the menu, and select **Share with DMA**.

  All of its subfolders are shared as well.

- **To stop sharing a folder with media players:**

  Select the folder, display the menu, and select **Unshare with DMAs**.

  You can then enable or disable sharing for its individual subfolders.

FTP

You can upload and download files from your Stora using File Transfer Protocol (FTP). FTP provides access to your MyLibrary folders. If your account has access, FTP also provides access to the FamilyLibrary folders. The router needs to forward port 21 to Stora. This is set up automatically if the router has UPnP enabled.

- **To enable FTP access:**

  1. Select **Preferences > Server Preferences > Network Services**.
  2. Set Enable FTP access to your local LAN and Enable FTP access to the Internet to **Yes**.

- **To connect through FTP locally:**

  1. Right-click the **Stora Agent** icon.
  2. Select **Preferences**.
  3. Click the **Home Library(s) Found** tab.
  4. Note your Stora's IP address.
  5. Browse to ***ftp://<Stora IP Address>***.

➢ **To connect through FTP remotely:**

1. Browse to ***ftp://<Stora Name>.myStora.com***.
2. Enter your user name and password.

   These are case-sensitive.

iTunes

Computers can use iTunes to access music stored in the iTunes library on Stora. These iTunes clients need to be connected to the same home network as Stora. They cannot access the iTunes library remotely across the Internet.

Adding Songs to the iTunes Library

The iTunes server can stream music from the iTunes library to the iTunes clients on your home network. The iTunes server can run on either the host computer or Stora.

Adding songs to the iTunes library makes them available to the iTunes clients.

➢ **To add songs to the iTunes library:**

1. Move the music files to subfolders within **FamilyLibrary > FamilyMusic**.
2. Ensure that the folder is shared.
3. Select the **FamilyMusic** folder and display the menu.

   If the Unshare with DMA command is displayed, the folder is shared. If the Share with DMA command is available, select it.

Configuring an iTunes Client

Configuring an iTunes client ensures that it looks for shared libraries, including the FamilyMusic folder, on Stora.

➢ **To configure an iTunes client:**

1. Select **Edit > Preferences**.
2. Click the **Sharing** tab.
3. Ensure that **Look for shared libraries** is selected.

Playing Songs with an iTunes Client

Music files stored on Stora appear in the SHARED > Stora:iTunes folder. You can play these songs within iTunes, but you cannot add them to a playlist. Pictures, videos and documents stored on Stora are not available within iTunes.

If you move all of your music files on all of your computers to the FamilyMusic folder in FamilyLibrary, they are all accessible through each computer's iTunes program.

Up to five iTunes clients on your home network (that is, computers and media players) can play iTunes DRM-protected music, but an unlimited number of iTunes clients can play iTunes Plus music or songs imported from CD.

➢ **To play music with an iTunes client:**

1. Select the **Stora:iTunes** folder.
2. Double-click a song.

Desktop Mirror

6

This chapter includes the following topics:

- *Desktop Mirror Overview*
- *Starting Desktop Mirror*
- *Initial Configuration*
- *Add Folders to the Desktop Mirror Backup*
- *View Files within a Folder*
- *Remove Folders from the Desktop Mirror Backup*
- *View the Desktop Mirror Backup Report*
- *Manual Desktop Mirror Backups*
- *Restore All Backed-Up Folders*
- *Change Account Settings*
- *View Online Help*

Desktop Mirror Overview

Desktop Mirror lets you back up PCs and Macs on your home network to Stora. The Desktop Mirror application backs up selected folders on a regular basis.

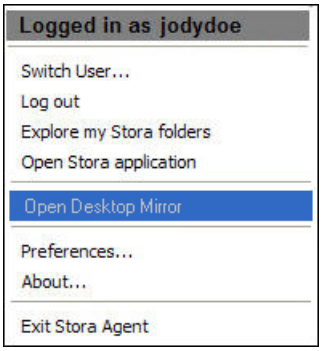
Content that is backed up is always available, even when the computer is turned off, provided that Stora is online. Local access to backed up data is available for both Standard and Premium users. Remote access to backed-up data is available to Premium users only. The directory structure within the MyComputers folder makes it easy to locate and restore single files or entire folders.

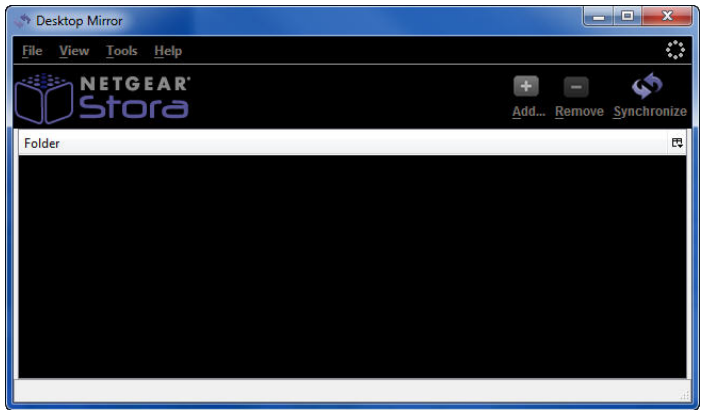
Desktop Mirror backs up the files in one direction, from the computer to Stora. It backs up the files in the listed folders, using the settings in the Schedule tab. Files that have not changed since the last backup are ignored. New and updated files on the computer are copied to Stora. Deleted files remain on Stora until manually removed.

Starting Desktop Mirror

➢ **To start Desktop Mirror:**

1. Click the **Stora Agent** icon on your desktop.
2. Select **Open Desktop Mirror**.



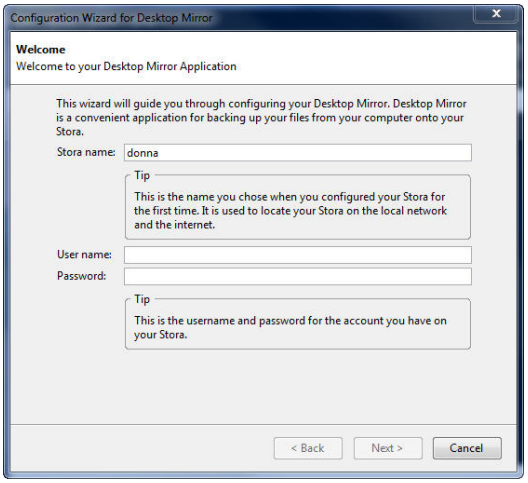


Initial Configuration

The first time you launch Desktop Mirror, it needs to be configured. If your computer has multiple users, each user needs to start Desktop Mirror and configure his or her backups separately.

➢ **To configure Desktop Mirror:**

1. If required, enter your Stora name, user name, and password and click **Next**.

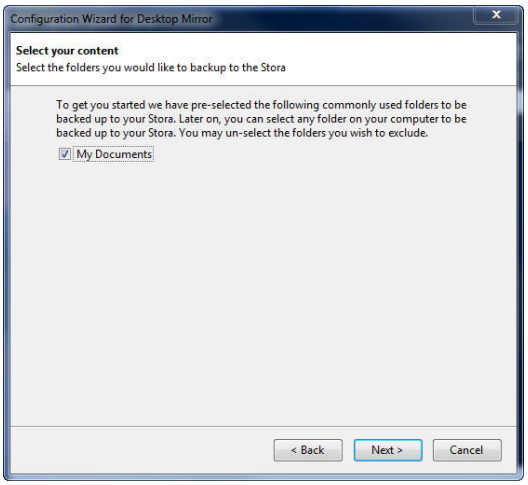


   Use the credentials you created when you installed Stora. When you log in to the Stora Application using these credentials, the backup directory for the computer displays under MyComputers.

   The Select your content screen displays.

2. Select the content you want to back up.

   By default, the My Documents (PC) or Documents (Mac) folder is selected for backup.



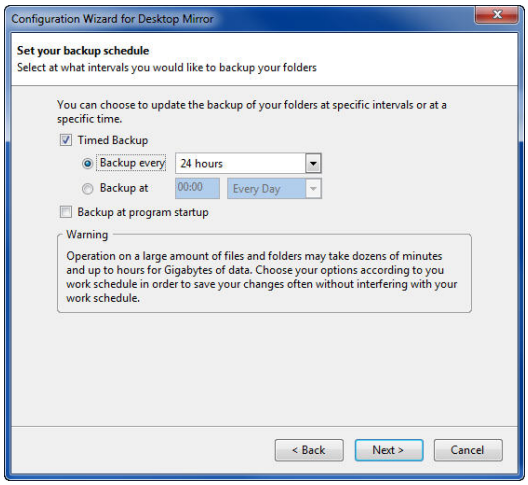
   To back up your entire My Documents or Documents folder, keep the check box selected.

   If you do not want the entire My Documents folder to be backed up, clear the check box.

You can add folders later. If the Stora Desktop Mirror is blocked by Windows Firewall, click **Unblock**.

3. Click **Next**.

   The Set your backup schedule screen displays.

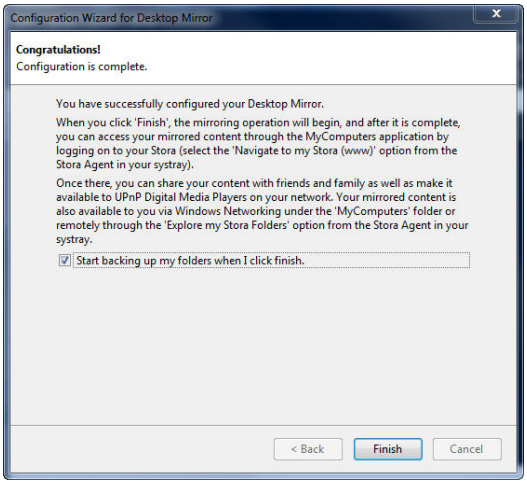


4. Set the backup schedule, as follows:
   - **Timed Backup.** Offers the following settings:
     - **Backup every.** Choose your backup time. Options range between every 5 minutes up to every 24 hours.
     - **Backup at.** Choose an exact time on a specific day to backup your folders.
   - **Backup at program startup**. Backs up your files every time you launch Desktop Mirror.

Depending on the amount of data, this operation could take several hours if you are backing up gigabytes of data. Select your options so that all your changes are saved and the process does not interfere with your work.

5. Click **Next**.

   The Congratulations screen displays.



6. (Optional) Select the **Start backing up my folders when I click finish** check box.

   If you click this check box, the Desktop Mirror begins as soon as you click the Finish button.

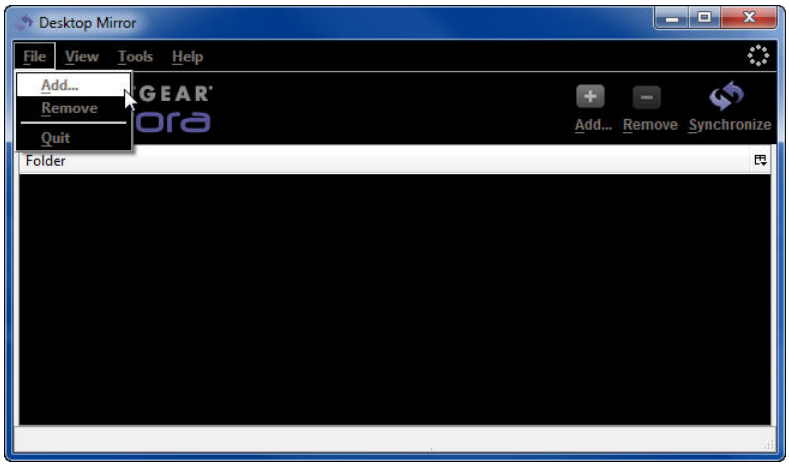
7. Click **Finish**.

Add Folders to the Desktop Mirror Backup

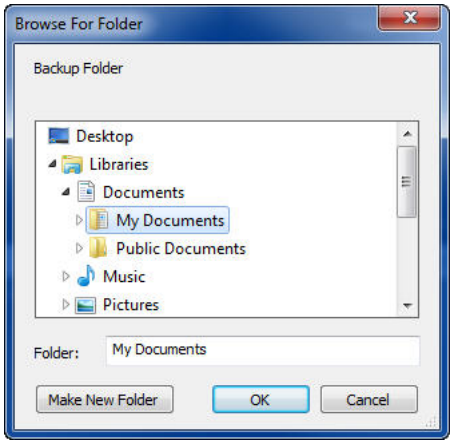
Adding a folder includes the folder, its subfolders, and its files in the subsequent backups.

➢ **To add folders to the Desktop Mirror backup:**

1. Select **File > Add**.



The Browse for Folder dialog box displays.

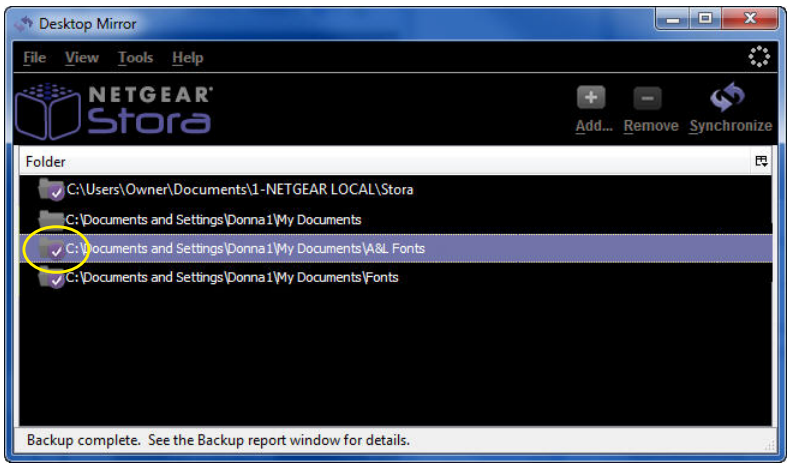


2. Navigate to the folder you want to add.
3. Click **OK**.

The added folder displays on the Desktop Mirror screen.

View Files within a Folder

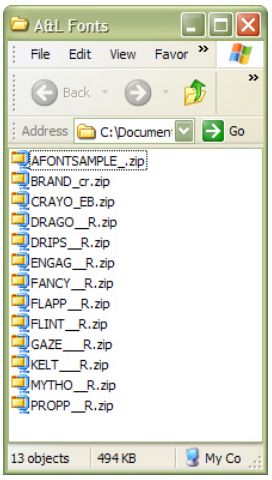
After files and folders are backed up, they are marked with a check mark, as shown in the following figure.



- **To view files within a folder:**

  Double-click a folder link.

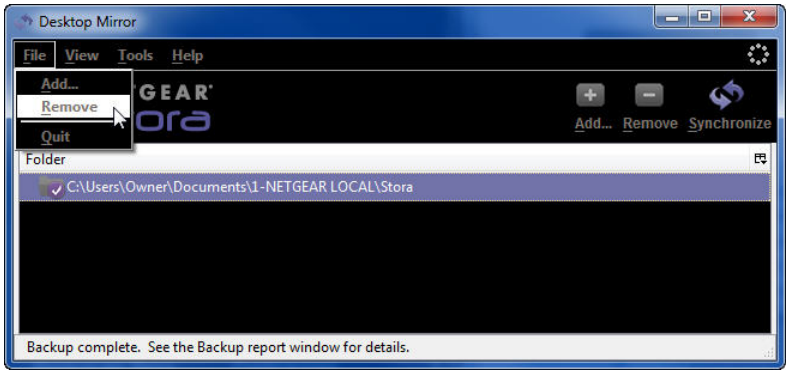
  The backed-up files display.



Remove Folders from the Desktop Mirror Backup

Removing a folder excludes the folder, its subfolders, and its files from subsequent backup jobs.

1. Select the folder you want to remove from the backup job.



2. Select **File > Remove**.

   You are prompted to confirm the folder removal.

3. Click **OK** to confirm.

   If you click **Cancel**, the folder is not removed from the Desktop Mirror backup job.

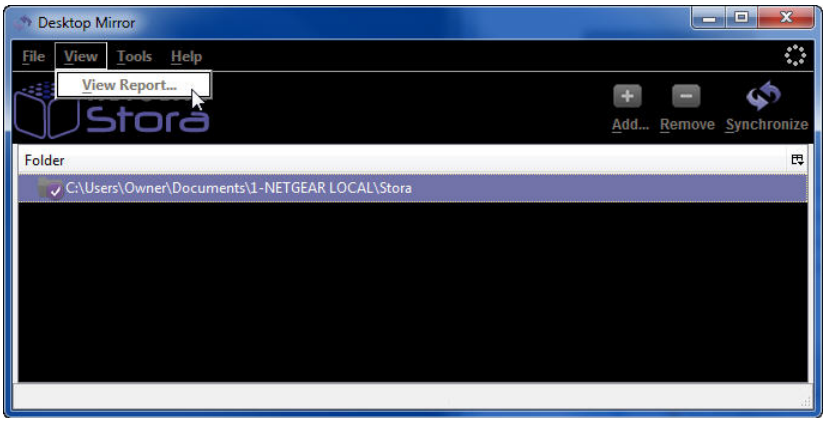
   If you click **OK**, the folder is removed from the Desktop Mirror backup job.

View the Desktop Mirror Backup Report

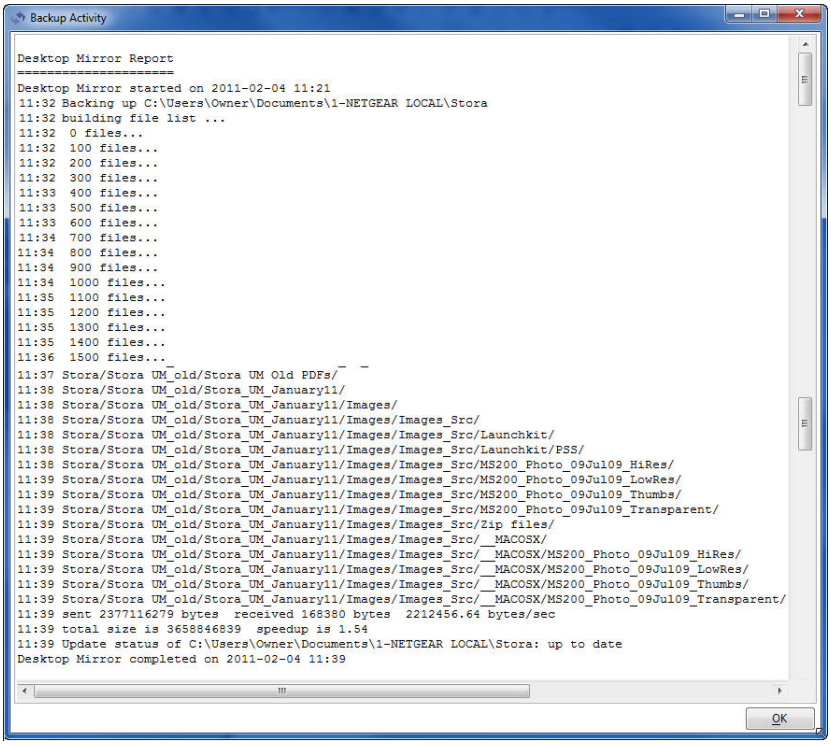
A report is generated after every backup or restore event.

➢ **To view the desktop mirror backup report:**

1. Select **View > View Report**.



The backup data log displays in the Backup Activity screen.



The Backup Activity screen always shows the most recent addition to the log at the top of the report.

2. Click **OK** to dismiss the report.

WARNING!

If Desktop Mirror reaches the limit of the file path length it can handle, the Backup Mirror report shows: “skipping overly long name: <name of the file>.” When this warning is displayed, the file is not backed up.

Manual Desktop Mirror Backups

Desktop Mirror allows you to manually back up new folders or modify existing folders.

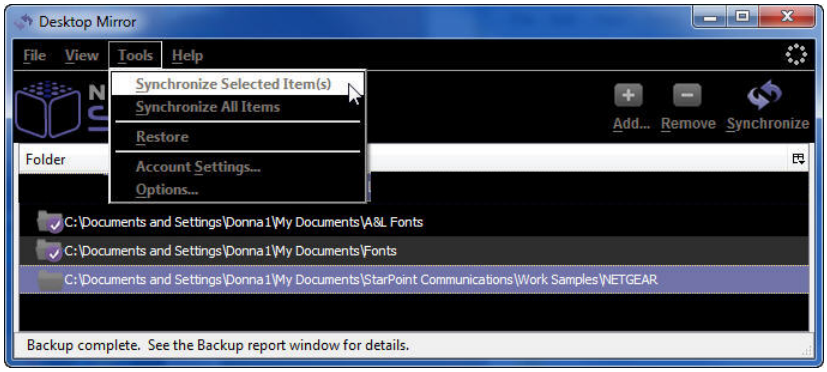
➢ **To perform manual backups:**

1. Select the folder or folders you want to back up.

   You can select multiple folders by pressing the **Ctrl** key while selecting the folders.

2. Select a synchronization option from the **Tools** menu, as follows:
   - **Synchronize Selected Items**. Allows you to select only the folders you want to backup.
   - **Synchronize All Items**. Backs up all new and modified folders listed.

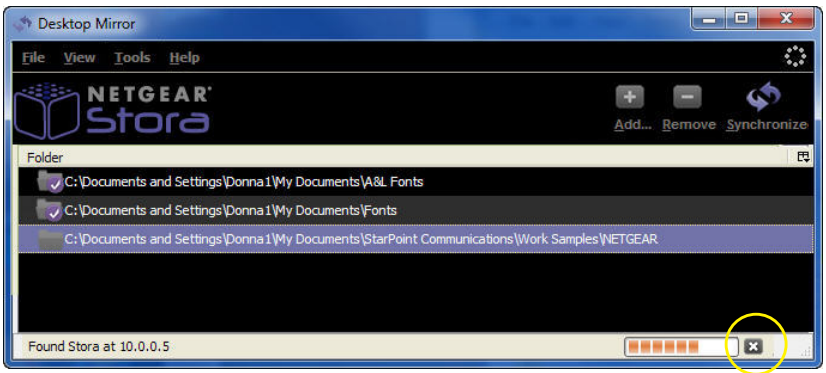
   Alternately, you can click the **Synchronize** icon on the right side of the screen. This option automatically includes all folders for backup.



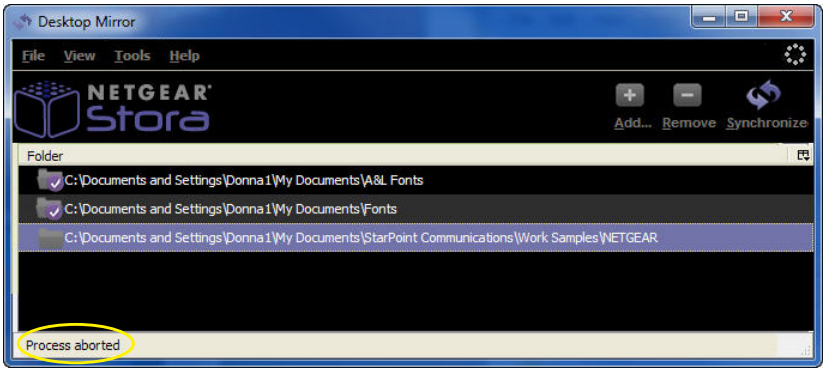
After folders are backed up, they are marked with a check mark and the message “Backup complete” displays on the status bar.

➢ **To cancel a backup in progress:**

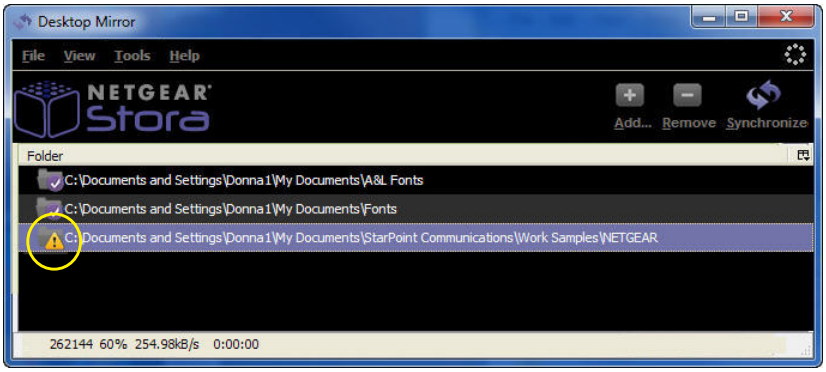
During a backup, click the **X** button on the status bar.



A “Process aborted” message displays on the status bar.



The folder or folders included in the job are marked with a warning icon indicating that they are out of sync and need to be backed up.



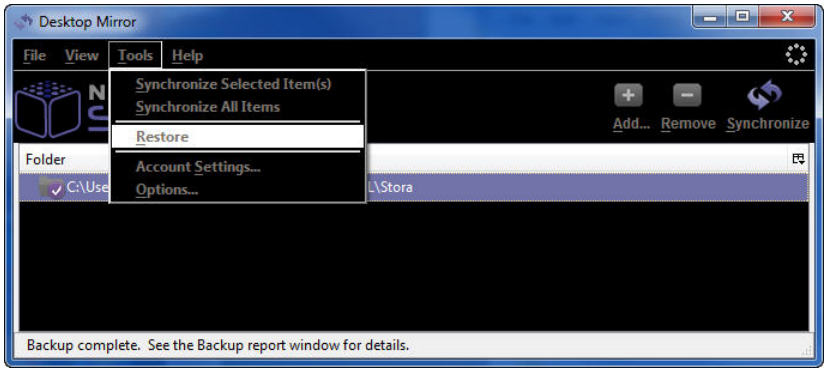
\

Restore All Backed-Up Folders

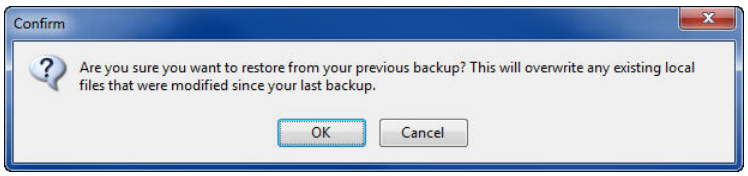
Restoring backed-up folders copies all folders and files back to the computer.

➢ **To restore all files:**

1. Select **Tools > Restore**.



You are prompted to confirm the restore command.



2. Click **OK**.

   If you click **Cancel**, the restore process is aborted.

   If you click **OK**, files and folders on Stora are added to or replace those on the computer.

Change Account Settings

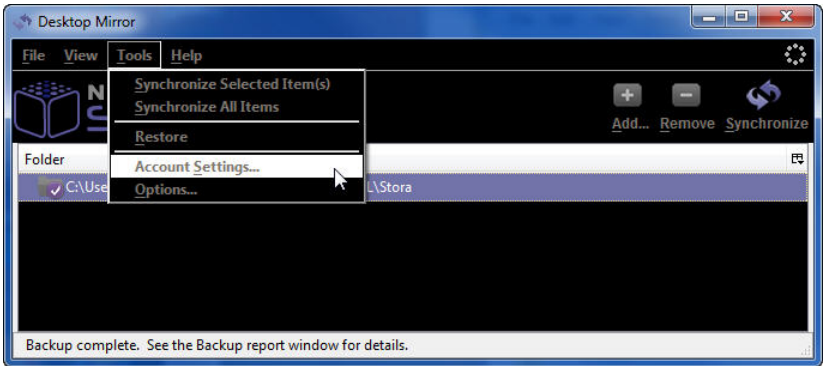
Changing accounts settings lets you modify the device name, user name, password, and backup schedule.

Identity Tab

You can use the Identity tab to choose which Stora and user you want to mirror.

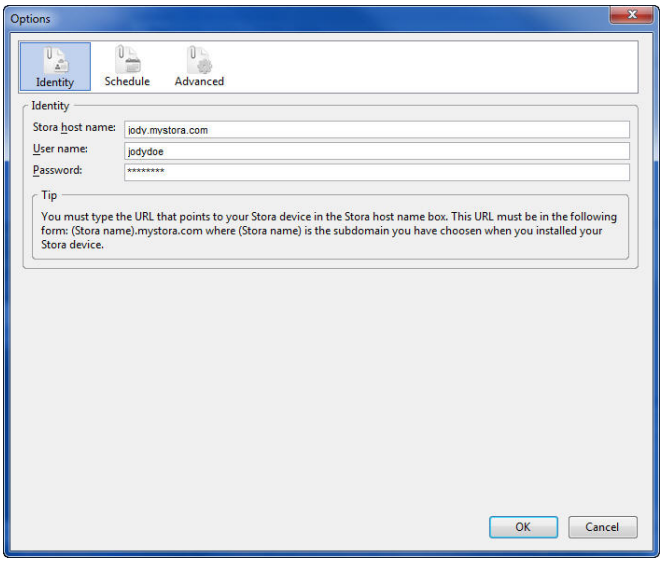
➢ **To choose a Stora and user account to mirror:**

1. Choose **Tools > Account Settings**.



The Options screen displays.

2. Click the **Identity** tab.



3. Edit the fields as desired and click **OK**.

For information about editing an account for a user who changes his or her password, see *Edit User* on page 105.

Schedule Tab

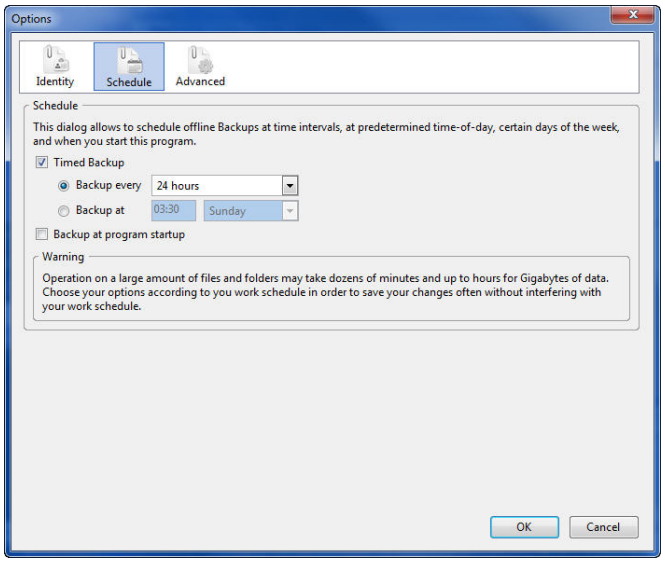
You can use the schedule tab to schedule Desktop Mirror backup jobs.

➢ **To schedule Desktop Mirror backup jobs:**

1. Select **Tools > Account Settings**.

   The Options screen displays.

2. Click the **Schedule** tab.
3. Modify the backup schedule, as follows.



- **Timed Backup**. Offers the following settings:
  - **Backup every**. Choose your backup time. Options range between every 5 minutes up to every 24 hours.
  - **Backup at**. Choose an exact time on a specific day to backup your folders.
- **Backup at program startup**. Backs up your files every time you launch Desktop Mirror.

  Depending on the amount of data, this operation could take several hours if you are backing up gigabytes of data. Select your options so that all your changes are saved and the process does not interfere with your work.

4. Click **OK**.

Advanced Tab

Support for the Alternate Ports option is not available on Stora.

View Online Help

You can access the *Stora User Manual* from the Desktop Mirror area.

➢ **To view the *Stora User Manual* from within Desktop Mirror:**

Select **Help > View Online Help**.

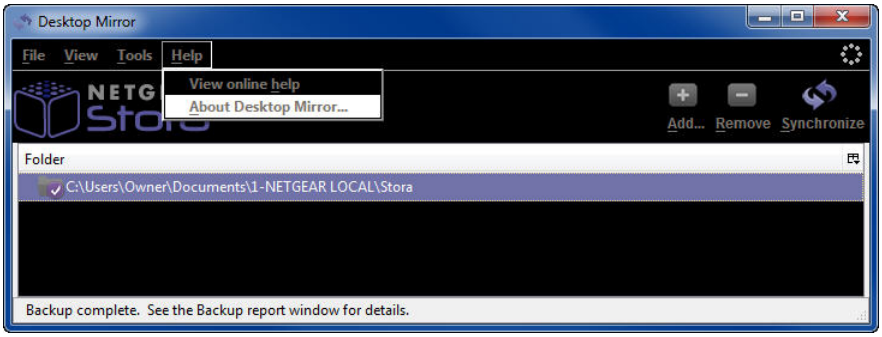
The manual displays.

About Desktop Mirror

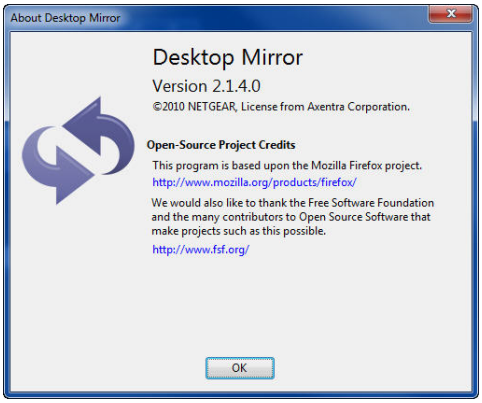
You can view details about the current version of Desktop Mirror.

➢ **To view details about the version of Desktop Mirror installed on your computer:**

1. Select **Help > About** Desktop Mirror.



The About Desktop Mirror pop-up window displays.



2. Click **OK** to close the window.

Premium Features

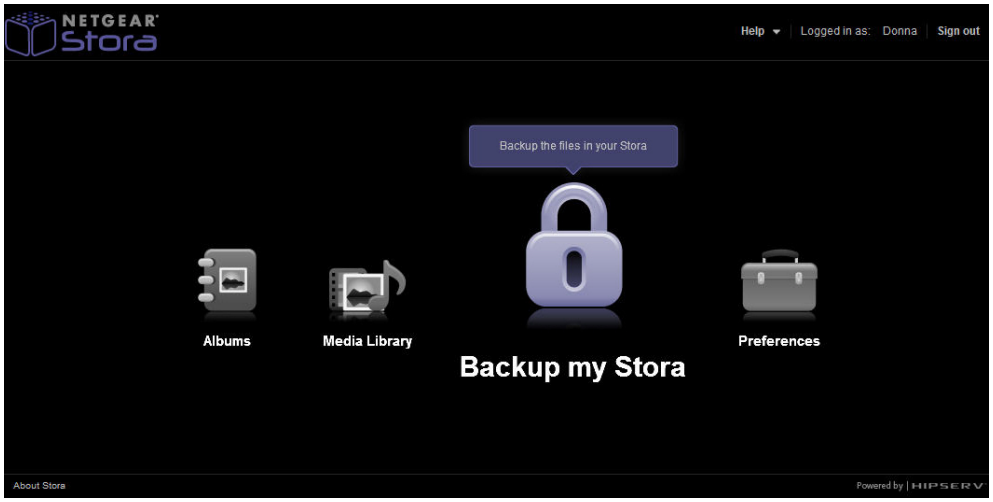
7

When you upgrade to a Premium subscription, in addition to the Standard offerings, Stora offers the additional features that are described in the following sections:

- *Back Up My Stora to a USB Device*
- *Torrents*
- *FTPS Integration*
- *RSS Integration and Support*
- *Flickr*
- *Cooliris*
- *TiVo Support*

Back Up My Stora to a USB Device

Using the USB port located on the front of your Stora, you can back up your files from your Stora to an external device. You manage these backups in the Backup my Stora area that is accessible from the home screen.

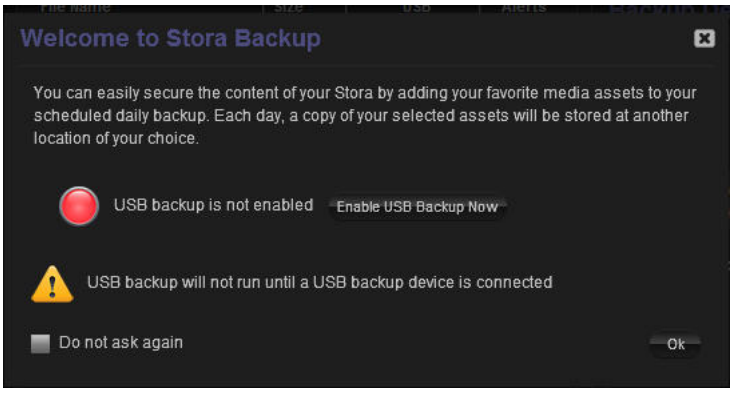


Enable a Device

Before you can back up the data on your Stora unit, you need to enable the backup device to receive the data.

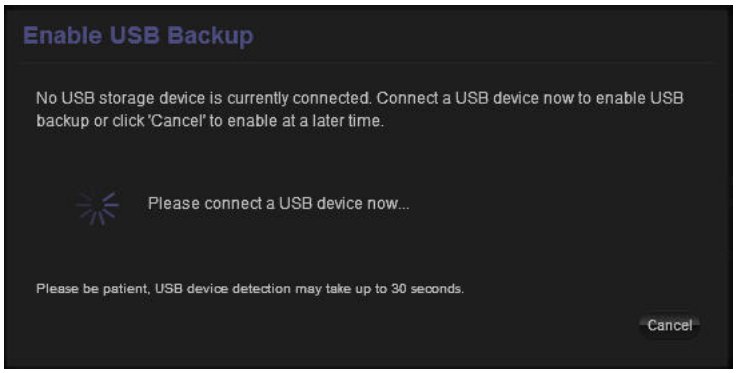
➢ **To enable a backup device:**

1. Click the **Backup my Stora** icon on the home screen.
2. The Welcome to Stora Backup screen displays.

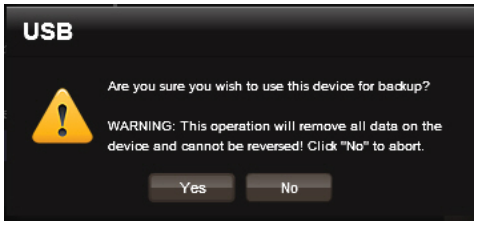


3. Click the **Enable USB Backup Now** button.

   A screen displays that tells you to connect an external device to the USB port on the front of your Stora unit.



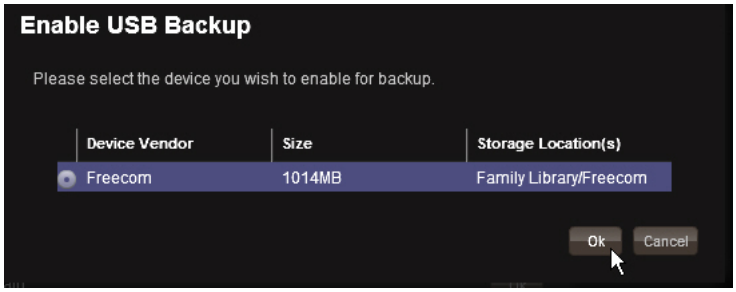
   After you connect the device, a warning notice displays, informing you that you need to remove any data that you want to keep from the USB device. This is because during the backup process, all data stored on the device is erased and cannot be recovered.



4. Click **Yes** to continue.

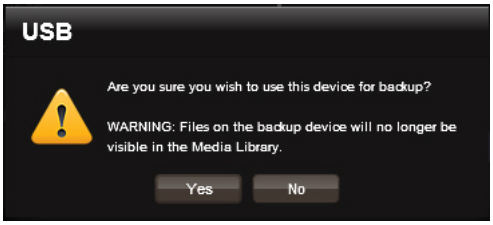
   If you click **No**, the enable USB device process aborts. This gives you the opportunity to remove any data from the device that you want to keep and save it elsewhere.

   If you click **Yes**, the Enable USB Backup dialog box displays.



5. Select the radio button next to the device and click **Ok.**

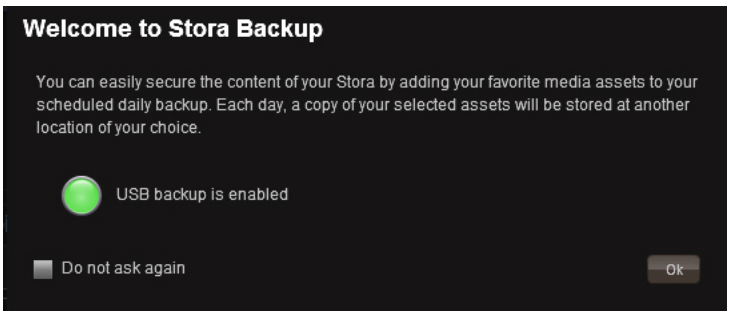
   A warning notice displays letting you know that the files on the USB device that are currently visible in the Media Library will no longer visible in the Media Library.



6. Click **Yes** to continue.

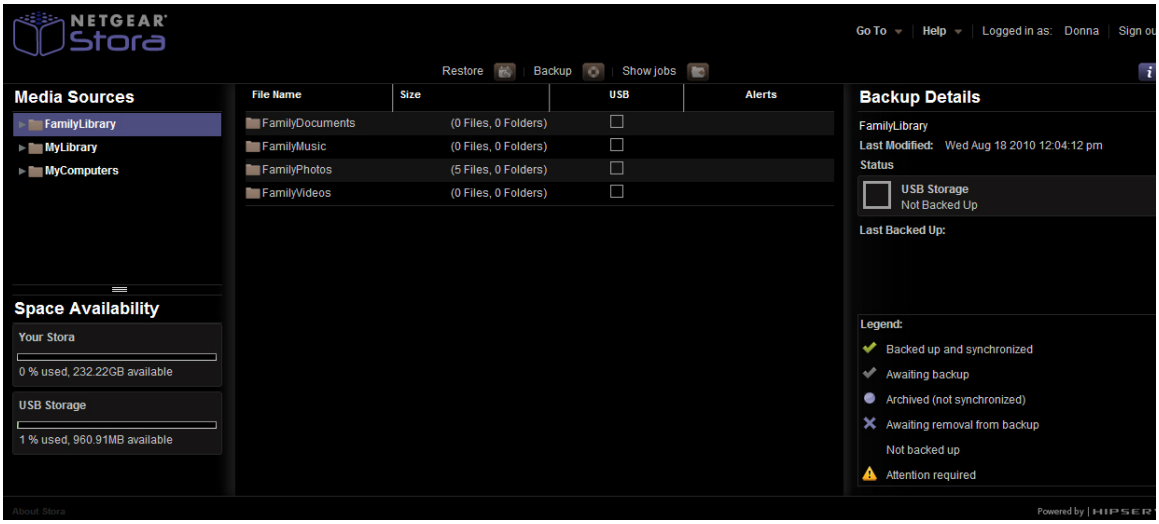
   If you click **No**, the enable USB backup process aborts.

   If you click **Yes**, the Welcome to Stora Backup screen displays.



7. Click **Ok**.

   The backup application launches.



   Your device is now ready to back up Stora data.

Back Up Stora Data to a USB Device

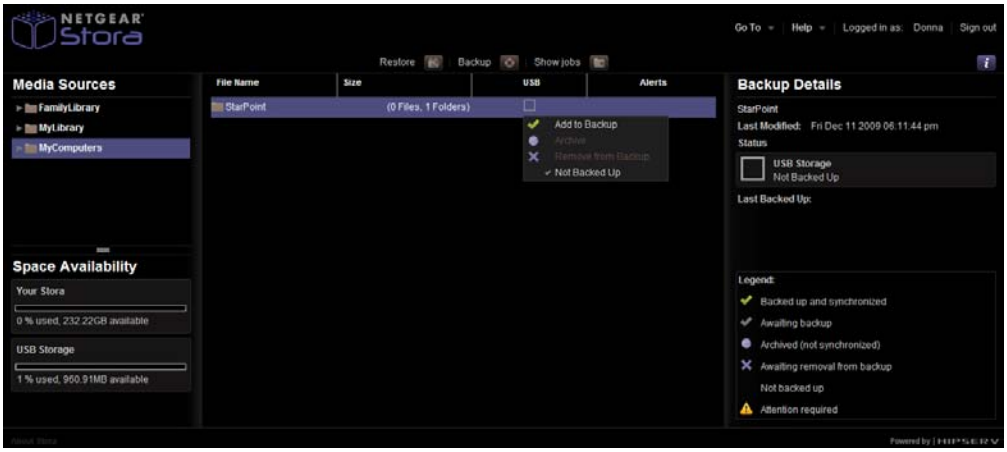
After your backup device is enabled, you can use the device to back up the data on your Stora. For information about how to enable your device, see *Enable a Device* on page 134.

➢ **To back up Stora data to a USB device:**

1. Click the **Backup my Stora** icon on the home screen.

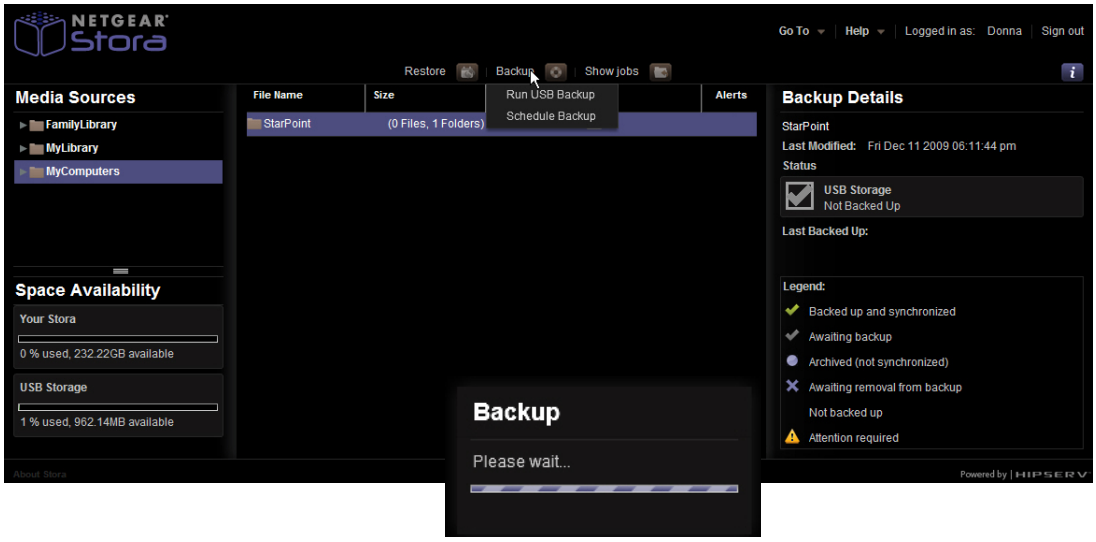
   The backup screen displays.

2. Right-click the media source that you want to back up and select **Add to Backup** from the drop-down menu.

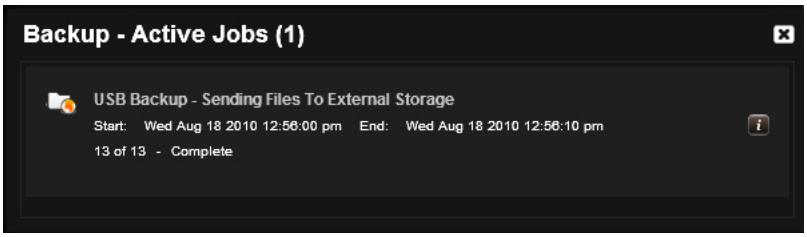


   A check mark displays.

3. Select **Backup > Run USB Backup**.

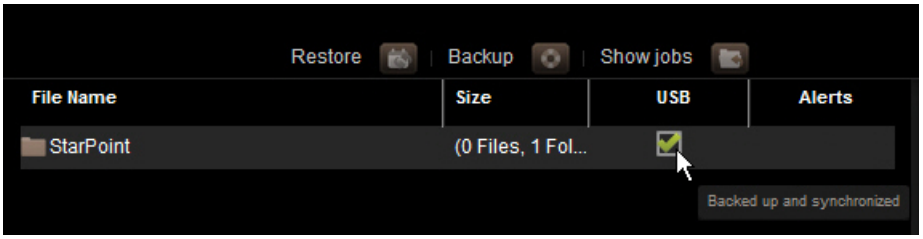


A progress bar displays. When to backup job is complete, a screen similar to the following displays:



Click the **X** button in the upper-right corner to close this screen.

A check mark in the USB column indicates that the folder was backed up to a USB device.

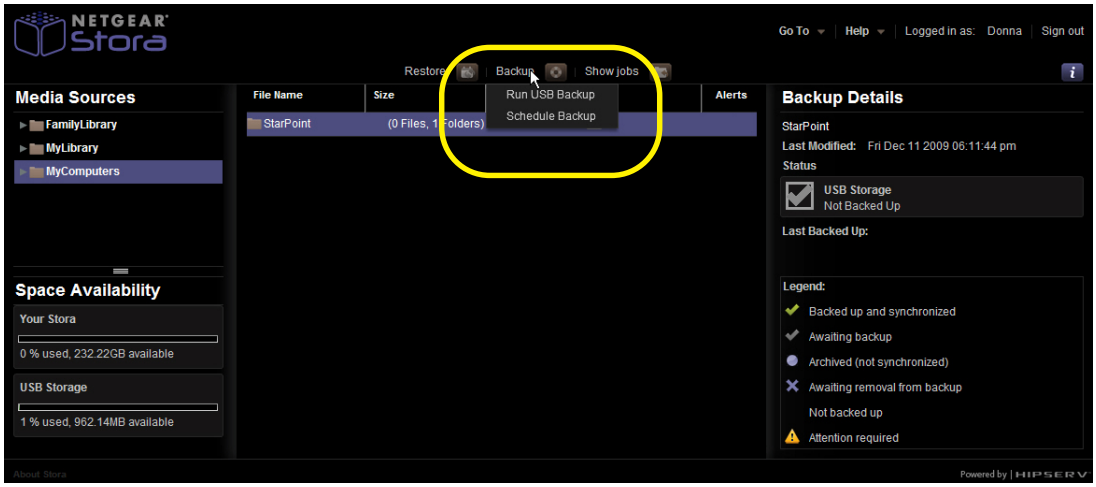


Schedule Backups

You can schedule backups to run on a daily basis.

➢ **To schedule daily backups:**

1. Select **Backup > Schedule Backup** from the backup application screen.



The Backup Scheduling dialog box displays.

2. Use the arrows to set the time and click **Ok**.

The clock uses 24-hour increments, for example:

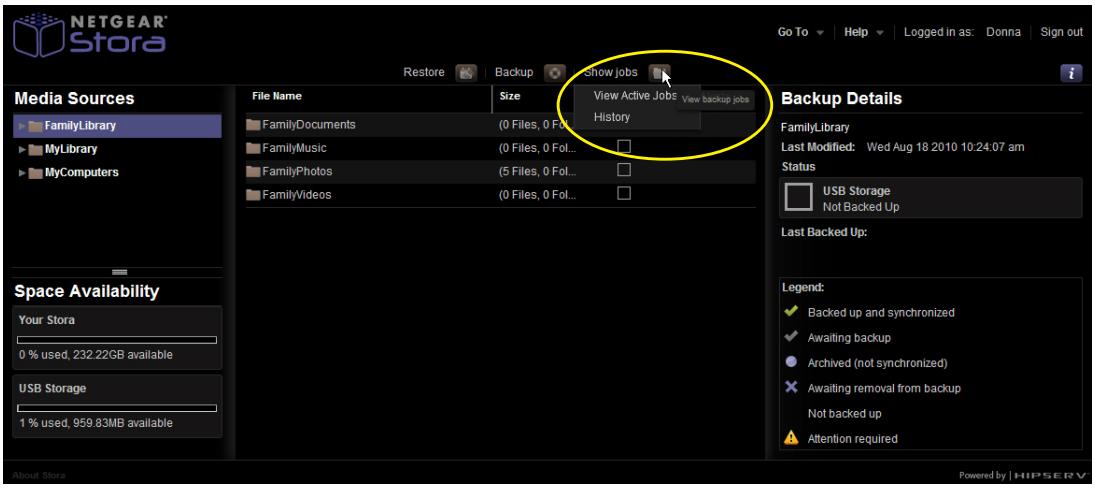
- 00:00 indicates that no backup time is set.
- 04:37 denotes that the backup time is set for 4:37 a.m. 00:01-12:00 denotes a.m. hours.
- 16:47 indicates that the backup time is set for 4:37 p.m. 12:01-24:00 denotes p.m. hours.

Show Backup Jobs

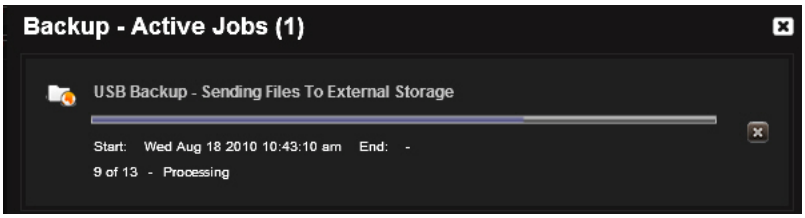
You can view active and previous backup jobs.

➢ **To view active jobs:**

Select **Backup My Stora > Show Jobs > View Active Jobs** from the backup application screen.



The screen populates with information about active jobs, if any.



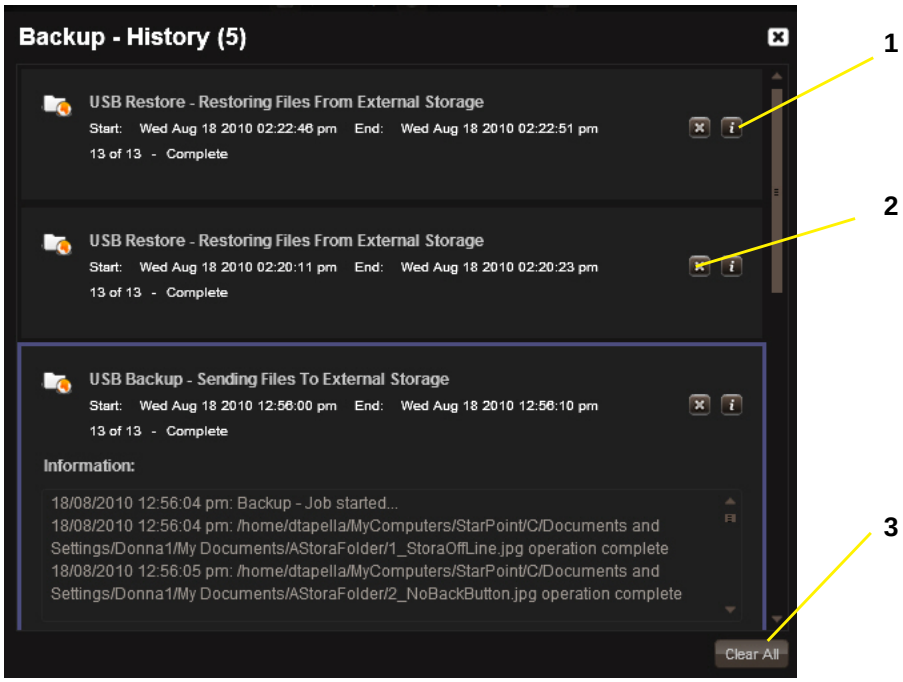
3. Click the **X** button in the upper-right corner to close the window.

➢ **To view job history:**

1. Select **Backup My Stora > Show Jobs > History** from the backup application screen.

   The Backup - History screen displays with job history information, if any. It offers these history options:

   - To see more information about a job, click the **Information** icon next to the job.
   - To clear one job from the job history, click the **X** button next to the job.
   - To completely clear the job history, click the **Clear All** button.



1. Information icon
2. Clear Job button
3. Clear All button

2. Click the **X** button in the upper-right corner to close the Backup - History screen.

Remove a Folder from a Backup Job

You can remove data from a backup job.

➢ **To remove a folder from a backup job:**

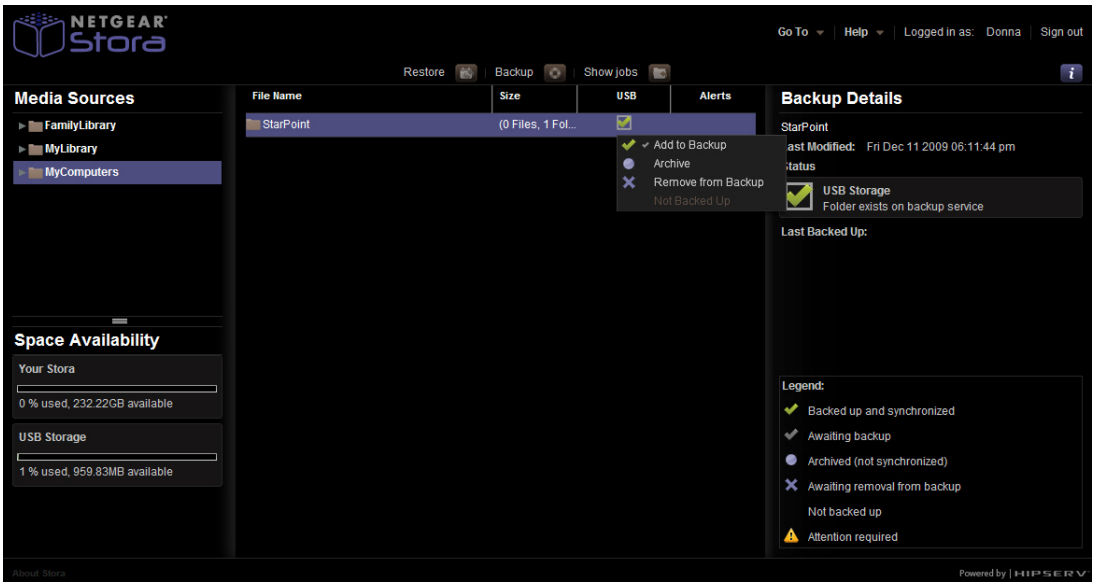
1. Click the **Backup My Stora** icon on the home screen.

   The backup to USB application launches.

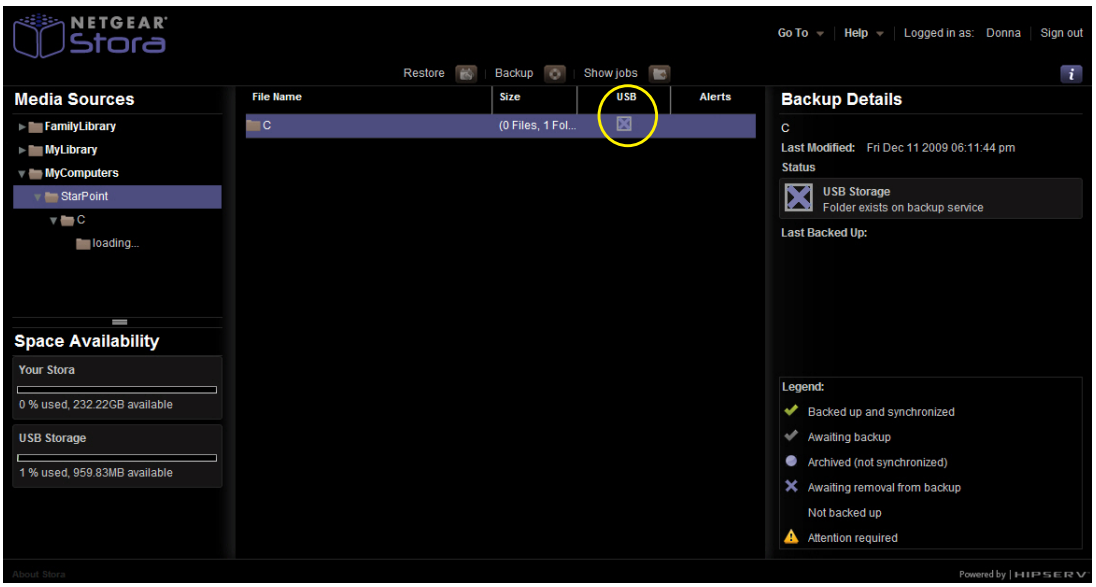
2. Right-click the folder that you want to remove from a backup job.

   A drop-down menu displays.

3. Select **Remove from Backup** from the drop-down menu.



Stora removes the folder from the backup device and marks it accordingly.



Archive Stora Data to a USB Device

When you archive data, the data is saved on a USB device and all future scheduled backups of that content are canceled.

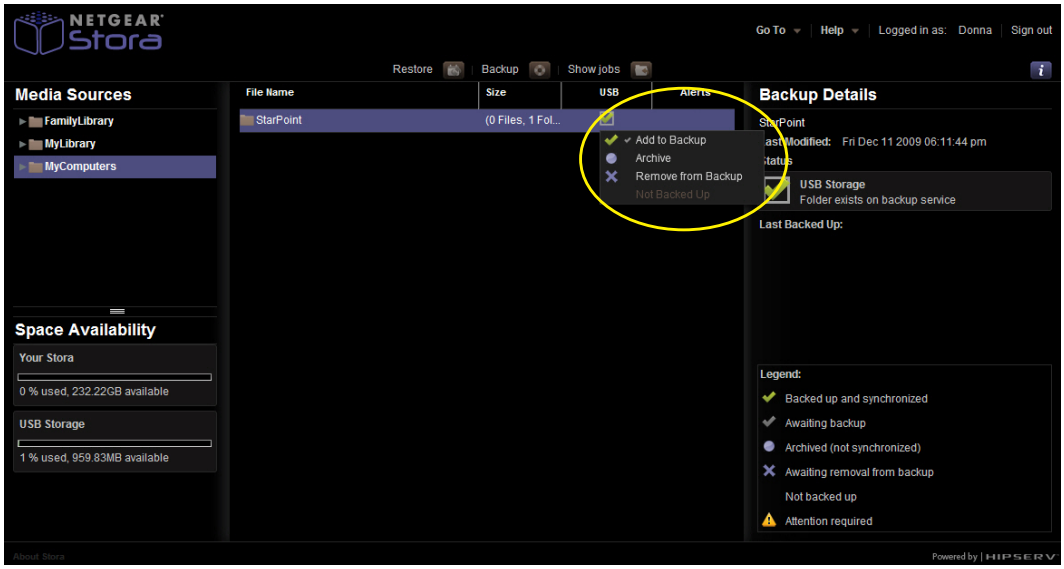
➢ **To archive Stora data:**

1. Click the **Backup My Stora** icon on the home screen.

   The backup to USB application launches.

2. Select the check box next to the file you want to archive.

   A drop-down menu displays.

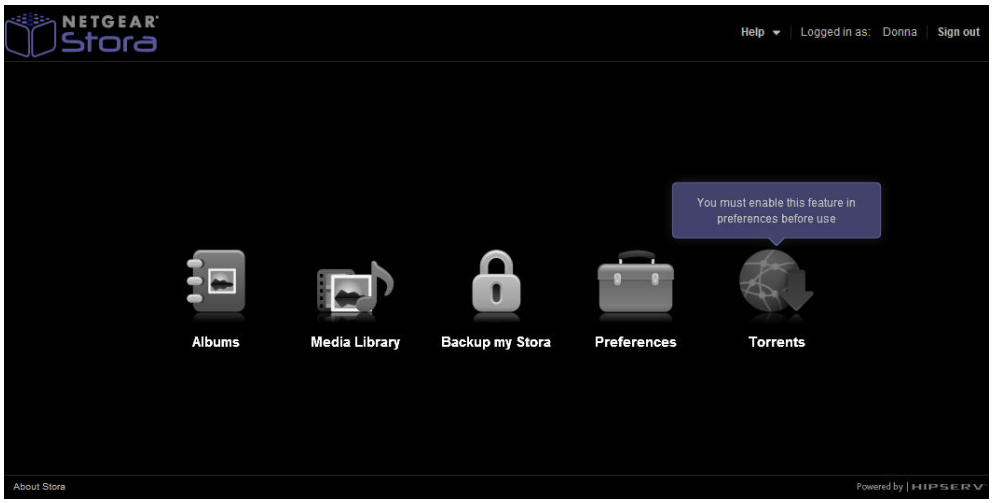


3. Select **Archive** from the drop-down menu.

   The archive process begins. When the archive process completes, the check mark changes to a circle.

Torrents

Torrent files use a specialized file format that allows you to download files from other torrent users, reducing download time and increasing success rates, especially for large files. Rather than downloading the entire file from one place, which is the traditional download method, torrents allow you to download pieces of a file from multiple places at the same time.

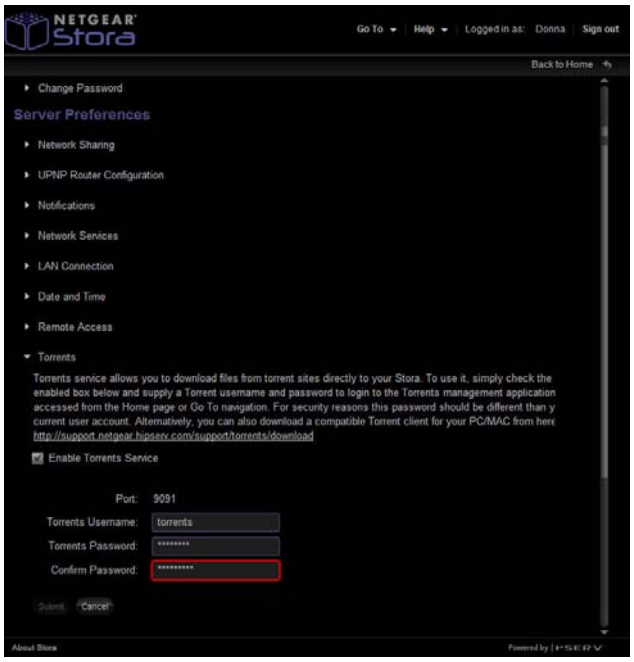


Stora’s torrents service allows you to download files from torrent sites directly to your Stora. This feature requires different login credentials than your Stora credentials. To use this feature, you must first enable torrents.

➢ **To enable torrents:**

1. Select **Go To > Preferences > Server Preferences > Torrents**.

   The Torrents section expands.



2. Select the **Enable Torrent Service** check box, create a torrent user name and password, and click **Submit**.

   You use these credentials to log in to the torrent management application.

   For security reasons, NETGEAR recommends that you use a different user name and password than you use for your Stora user account. Alternatively, you can download a compatible torrent client for your PC or Mac from *http://support.netgear.hipserv.com/support/torrents/download*.

   The Torrent Terms of Service screen displays.

3. Read the terms of service and click **Agree**.

   If you click **Cancel**, you cannot use the Stora torrent service.

   If you click **Agree**, torrents are enabled on your Stora.

Using Torrents

You can use the Stora interface to download files using torrents. Note that you cannot use the Stora's torrent interface remotely. You can access it only from your local area network (LAN).

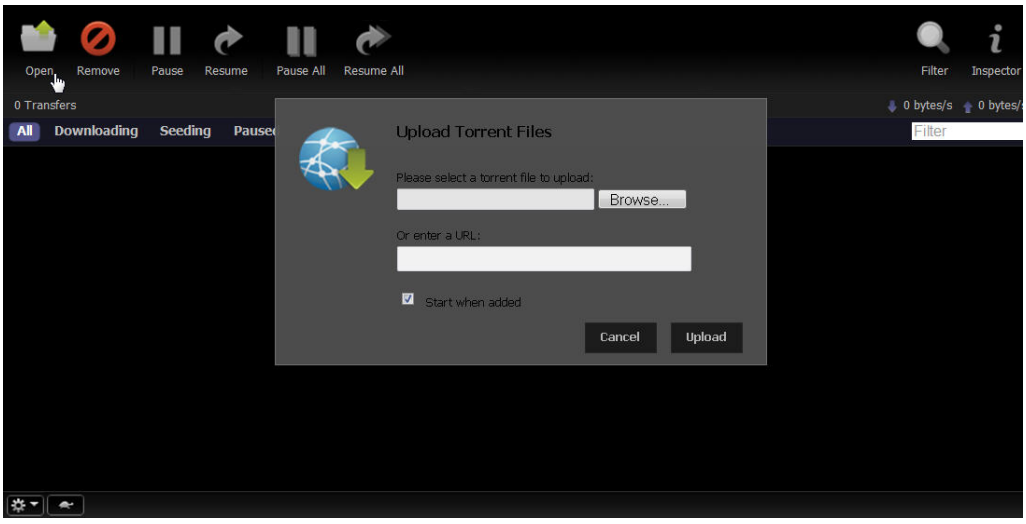
➢ **To download a torrent file:**

1. Download a torrent link or have a torrent URL on hand.
2. Click the **Torrents** icon on the Stora home screen.

   A log-in screen displays.

3. Enter the credentials you created when you enabled torrents and click the **OK** button.
4. A torrents screen displays.
5. Click the **Open** button.

   The Upload Torrent Files dialog box displays.



6. Browse to the torrent link you previously downloaded or enter the URL for the torrent file and click the **Upload** button.

   The torrent file is listed in the Download screen and a download progress bar displays.

FTPS Integration

FTPS is a secure version of the FTP file transfer protocol that allows you to transfer files between computers on a network. You can upload and download files from your Stora using FTPS. FTPS provides secure access to your MyLibrary folders. If your account has access, FTPS also provides secure access to the FamilyLibrary folders. The router needs to forward port 21 to Stora. This is set up automatically if the router has UPnP enabled.

Note: On Premium subscriptions, FTP and FTPS access are linked. If you disable FTP access, you also disable FTPS access. If you enable FTP access, you also enable FTPS access.

- **To enable FTPS:**

  1. Select **Go To > Preferences > Server Preferences > Network Services**.
  2. Set **Enable FTP access to your local LAN** and **Enable FTP access to the Internet** to **Yes**.

- **To connect locally using FTPS:**

  Browse to ftps://<Stora IP Address>.

  You can get the IP address of Stora by right-clicking Stora Agent icon, selecting **Preferences**, and clicking the **Home Library(s) Found** tab.

- **To connect remotely using FTPS:**

  Browse to ftps://<Stora Name>.myStora.com.

  The user name and password are case-sensitive.

RSS Integration and Support

Really simple syndication (RSS) is a format for updating subscribers to frequently changing web sites, like blogs or news sites, when updates occur. The summary produced by RSS is called a feed.

If you share an album with everyone, an RSS icon displays above the album's images. If the person viewing the album clicks the RSS icon, the browser shows the album in an RSS reader. The RSS reader shows the album's name, description of the album, and images, which are sorted by name. Each image shows its name, caption, and when it was added to the album. The RSS reader automatically receives new images as they are added to the album and deletes them as they are removed. Album RSS feeds can be bookmarked in any RSS reader, including browsers, Vista and Google gadgets, and digital photo frames.

- **To subscribe to an album's RSS feed:**

  Click the RSS icon.

  The browser shows the album in an RSS reader. To use the RSS feed in an RSS reader, type or copy and paste the URL of the RSS feed into the RSS reader.

Flickr

Flickr is a social media website that hosts images and videos and allows users to share them. Your Stora uploads the images from the album to Flickr, then Flickr adds them to the photostream or to a set. If you add more images to the album, Stora automatically uploads them.

➢ **To share Stora images on Flickr:**

1. Select **Media Library > Albums**.
2. Select an album, display the menu and select **View Details**.

   The Details screen displays.
3. Expand the **Social Networking** area.
4. Select **Share with Flickr.**

   The Service Authorization window displays.
5. Click the **Flickr** icon.

   A browser window displays, prompting you to authorize Flickr to use Stora. If necessary, enter your Flickr user name and password.
6. Click **OK, I'll Authorize It**.

   This allows Stora to link to your Flickr account.
7. Close the browser window.
8. Click **Authorization complete**.
9. Select the default photostream or an existing set or create a new set by entering its name and optional description.
10. Click **Submit**.

    Stora uploads the images to the photostream or set.

    Stora uploads only images from the album; it does not upload documents, music, or videos. The images are uploaded with their captions, but not their tags. If you add more images to the album, Stora automatically uploads them. However, removing images from an album does not remove them from Flickr.

Cooliris

Cooliris is a plug-in that allows you to view photos and media on the Cooliris 3D flying wall.

- **To use Cooliris:**

  1. Download and install the Cooliris plug-in for your browser.

     Plug-ins are available at the Cooliris website at *www.cooliris.com*.

  2. Double-click an album.

     The album's photos display in thumbnail view.

  3. From the **Viewing as** drop-down menu, select **Cooliris**.

     The Cooliris flying wall slideshow displays.

TiVo Support

TiVo makes digital video recording devices that enable you to record television programs digitally and to pause, rewind, and fast-forward live television programs. Using your TiVo device, you can view Stora files that use the following formats:

Media Class	Supported Format
Image	JPEG
Audio	MP3
Video	MPEG-2

➢ **To view Stora files on a TiVo device:**

1. Ensure that the Stora files that you want to view on a TiVo device have sharing with digital media adapters (DMAs) enabled.

   For more information about how to share files with DMAs, see *Share Files with DMAs* on page 115.

2. View Stora files from the TiVo device.

   Videos display on the TiVo device's My Shows or Now Playing menu, depending on which TiVo device version you own.

   Music and images display in the TiVo device's Music and Photos menu.

Notification of Compliance

A

NETGEAR® Stora

Regulatory Compliance Information

This section includes user requirements for operating this product in accordance with National laws for usage of radio spectrum and operation of radio devices. Failure of the end-user to comply with the applicable requirements may result in unlawful operation and adverse action against the end-user by the applicable National regulatory authority.

This product's firmware limits operation to only the channels allowed in a particular Region or Country. Therefore, all options described in this user's guide may not be available in your version of the product.

FCC Requirements for Operation in the United States

FCC Information to User

This product does not contain any user serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Guidelines for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Declaration Of Conformity

We, NETGEAR, Inc., 350 East Plumeria Drive, San Jose, CA 95134, declare under our sole responsibility that the NETGEAR Stora complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference, and

- This device must accept any interference received, including interference that may cause undesired operation.

FCC Radio Frequency Interference Warnings & Instructions

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an electrical outlet on a circuit different from that which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications made to the product, unless expressly approved by NETGEAR, Inc., could void the user's right to operate the equipment.

Canadian Department of Communications Radio Interference Regulations

This digital apparatus, NETGEAR Stora, does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

European Union

The NETGEAR Stora complies with essential requirements of EU EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC as supported by applying the following test methods and standards:

- EN55022: 2006 / A1: 2007
- EN55024: 1998 / A1: 2001 / A2 : 2003
- EN60950-1: 2005 2nd Edition
- EN 61000-3-2:2006
- EN 61000-3-3:1995 w/A1: 2001+A2: 2005

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