How to Access a Shared Folder Locally with NFS

Applicable Models
-All NAS
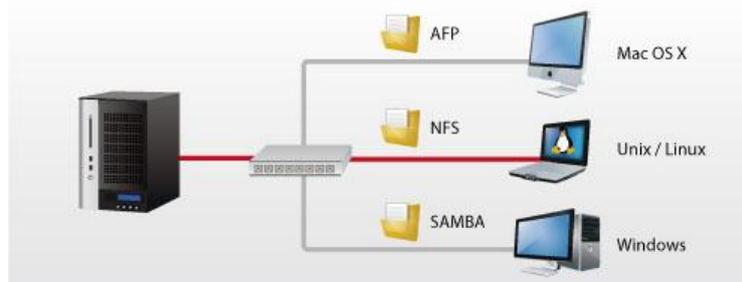
NAS are generally thought of as strictly a backup database, but being able to access them easily from within a local network gives them a whole new level of utility. By creating a shared folder, activating the correct settings within the NAS UI and knowing how to connect from within your own system (**In this guide we will cover access from Windows XP and Mac OS X),** you can access your NAS and everything in it from any electronic device connected to the same router as your NAS. This can be done using many protocols, but **this how-to guide deals with NFS access only**. Click on the links below to view how-to guides for linking to your shared folders using other protocols.

There are a number of ways to access your shared folder from a computer locally:

1. SMB (Samba)/CIFS - Server Message Block/Common Internet File System - Generally known as Samba. **Recommended for Windows users**, also available for Mac OS X and Linux.
2. AFP - Apple Filing Protocol - **Recommended for Mac OS X users**.
3. NFS -Network File System - **Recommended for Linux users**, also available for Mac OS X.

3. NFS - Network File System

Recommended for Linux/Unix users, also available for Windows (through third party software) and Mac OS X.

NFS Settings in the Thecus UI:
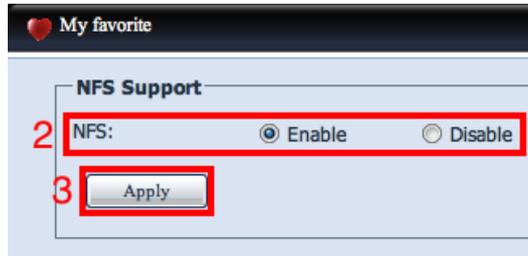
1. Select "NFS" from System Network in the Thecus UI menu.
2. NFS: Enable this to access your NAS over NFS.
3. Select "Apply" to activate your new settings.

Accessing your NAS through NFS in Windows:

Use third-party software to access NFS functionality in Windows.

Accessing your NAS through NFS in Mac OS X:

Step 1 - You need to change an NFS setting in the folder you wish to access through the Thecus UI:
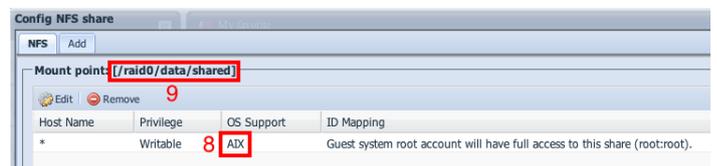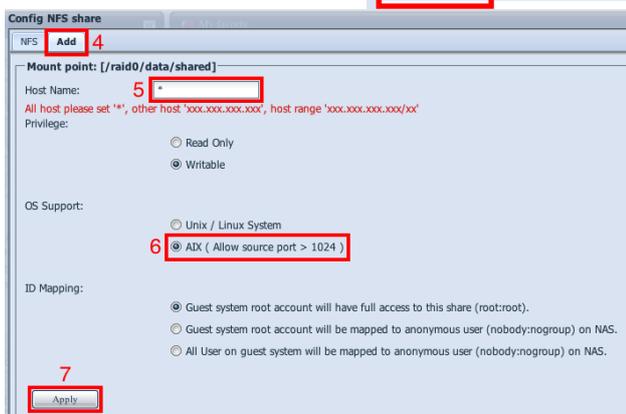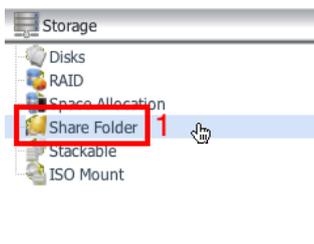
1. Select "Share Folder" under Storage in the Thecus UI.
2. Select the shared folder you wish to access with NFS, in this case "shared".
3. Select "NFS".
4. Choose "Add" from the top of the page.
5. Set the host name as the IP you wish to access from, an IP range, or "*" for all IP addresses.
6. Select AIX - using NFS from Mac OS X uses a port greater than 1024, this is what lets Macs use NFS.
7. Select "Apply"
8. This shared folder is now accessible through Mac OS X because it is set for AIX support.
9. The mount point is your data path; you will need this for the next step.

Step 2 - Now that you're set up, connecting is quite easy:
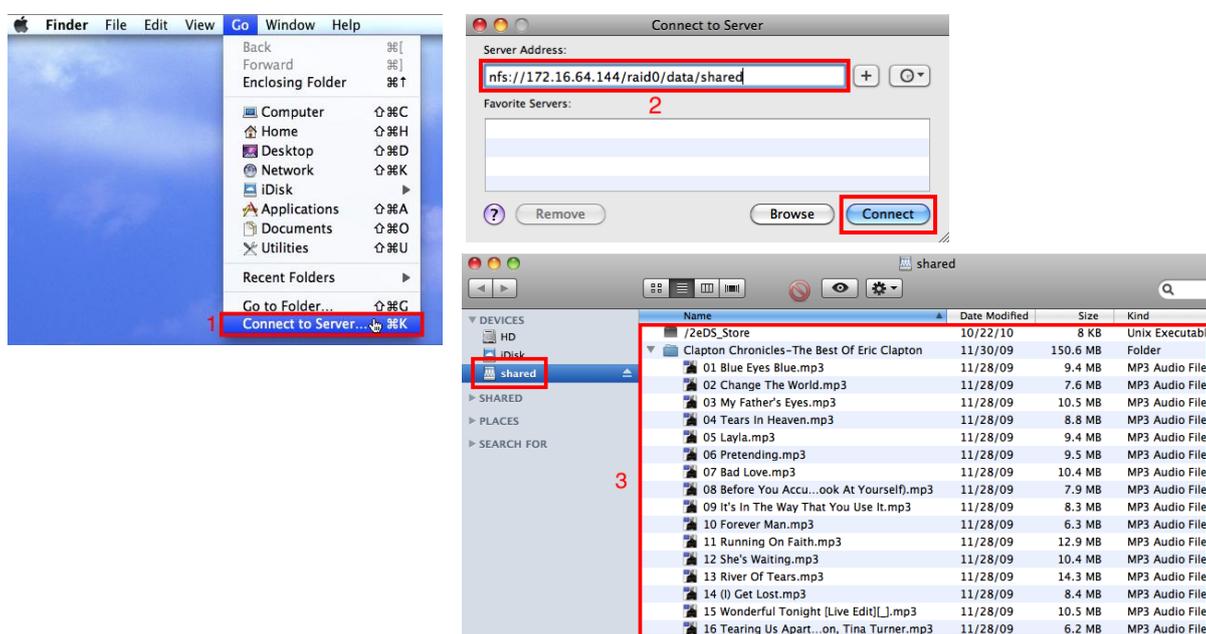
1. Select "Connect to Server" from the "Go" menu in the Finder.

2. Type in your NAS IP address and mount point in this format (nfs://IPADDRESS/MOUNTPOINT) then press "Connect". You can check your folder's mount point in Step 1, item 9.

3. The folder(s) will then open in a window in the Finder. To find out more about how to change your folders settings (set passwords, edit permissions, etc.) check out the Shared Folder Set Up How-To Guide.

For any questions regarding this How To Guide, please email us:

webmaster@thecus.com

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