

Connecting Server Directory to Synology NAS (NFS Setup)

This is a step-by-step document on how to connect a server directory to a Synology NAS using NFS. This guide assumes you have access to both the server and the Synology NAS.

Prerequisites

Access to a server (Linux-based).

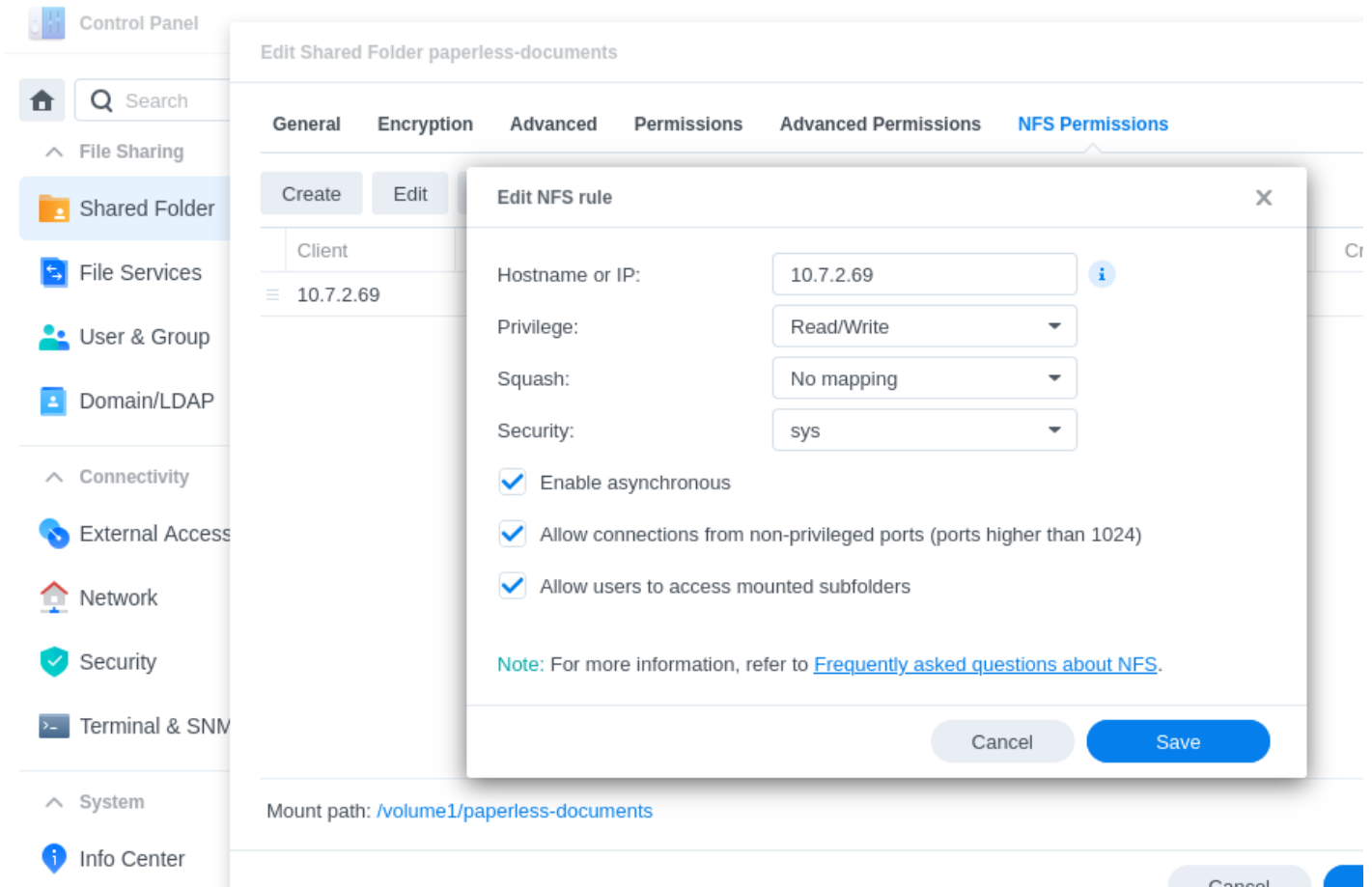
Access to a Synology NAS.

NFS service enabled on the Synology NAS.

Sufficient permissions to execute commands on both devices.

Configure NFS on Synology NAS

1. Access Synology NAS
2. Enable NFS Service by Going to **Control Panel > File Services**
3. Under the NFS tab, enable the NFS service
4. Configure NFS Permissions:
 1. Navigate to Shared Folder in Control Panel
 2. Select the folder you want to share (e.g., /volume1/paperless-documents)
 3. Click on Edit > NFS Permissions
 4. Click Create and set the following:
 1. Hostname or IP: Enter the IP address of your server
 2. Privilege: Set to Read/Write
 3. Squash: Select No mapping to allow direct access
 4. Asynchronous: Optional, you can enable this for better performance
 5. Cross-Mount: Enable if you intend to mount cross-shared folders
 6. Check Allow users to access mounted subfolders
5. Click **OK** to save the settings



Prepare Your Server

1. SSH into your server
2. Install NFS Client

```
sudo apt-get update  
sudo apt-get install nfs-common
```

3. Create mount point- a directory where the NFS share will be mounted

```
sudo mkdir -p /mnt/nas/Import
```

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