

Synology - Backup from Linux

Introduction

This is to setup a hourly MySQL backups and also a full system backup once a week.

Synology Configuration

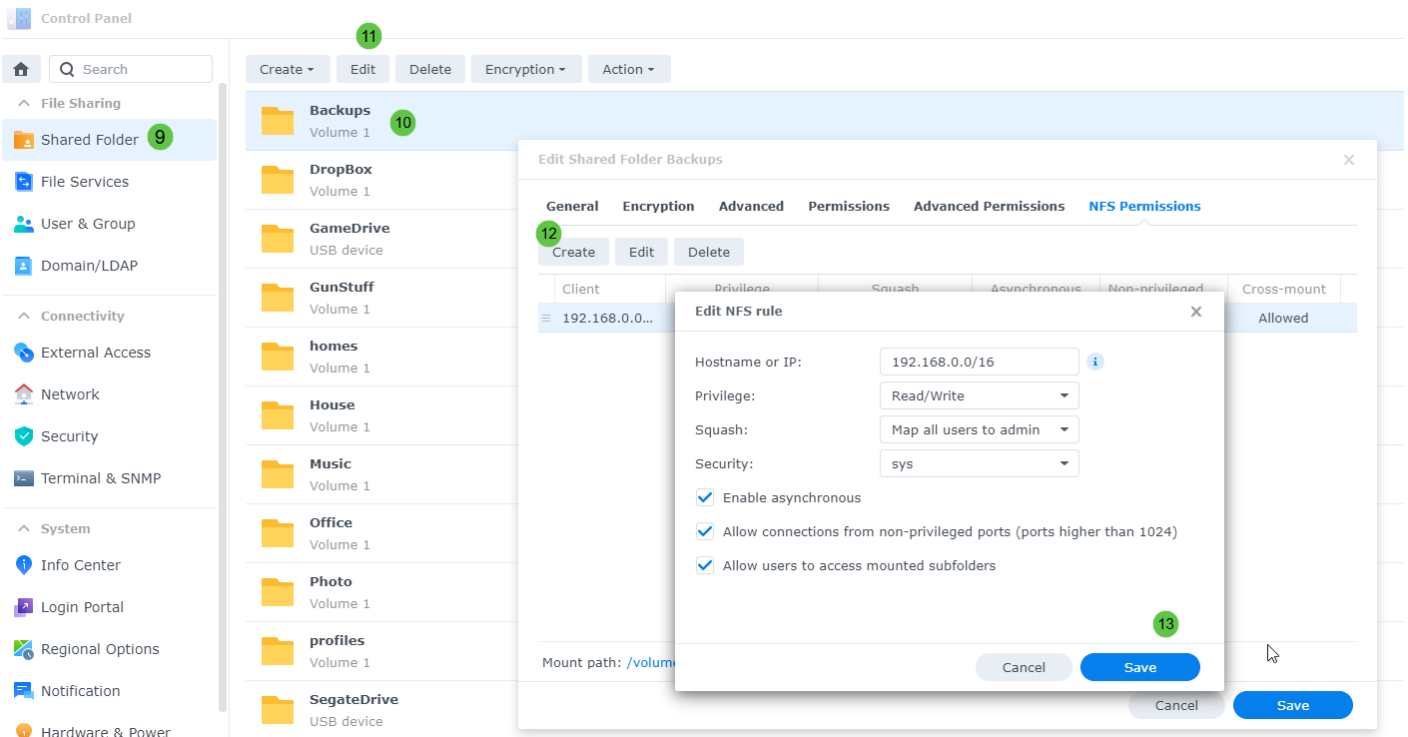
NFS Configuration

You will need to go to the Control Panel → File Services under the NFS section and turn it on

The screenshot displays the Control Panel interface. On the left, the 'Control Panel' title is marked with a green circle 1. The sidebar lists various system settings, with 'File Services' marked with a green circle 2. The main content area shows the 'NFS' tab selected, marked with a green circle 3. Under the 'NFS' tab, the 'Enable NFS service' checkbox is checked. The 'Maximum NFS protocol' dropdown is set to 'NFSv3', marked with a green circle 4. The 'NFS range' is set to 'NFSv2, NFSv3'. An 'Advanced Settings' button is marked with a green circle 5. Below this, a note states: 'Note: You can edit NFS permissions for shared folders on the edit page of [Shared Folder](#).' An 'Advanced Settings' dialog box is open, showing options to 'Apply default UNIX permissions' (checked) and 'Customized ports' (unchecked). It includes input fields for 'statd port' and 'nlockmgr port'. Below these, it says 'Modify the default read/write packet size below.' with dropdowns for 'Read packet size' (32KB, marked with a green circle 6) and 'Write packet size' (32KB, marked with a green circle 7). There is also an 'NFSv4 domain' input field. At the bottom of the dialog, there is a 'Kerberos Settings' button and 'Cancel' and 'Save' buttons. The 'Save' button is marked with a green circle 8.

Then hit APPLY

Then go to Shared Folder to setup the share you would like to use for the backups



Linux Configuration

Now login to the Linux server to setup FSTAB to allow the NFS link to work

Edit the “/etc/fstab”

```
#Custom
bigberta.onling.com:/volume1/Backups /mnt/backups nfs auto,defaults 0 0
```

Create the directory for the mount

```
mkdir -p /mnt/backups
```

After the mount the new NFS drive

```
mount -a -v
systemctl daemon-reload
```

To force kill the new mount

```
umount -l /mnt/backups
```

