

Synology - Backup from Linux

Introduction

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

Synology Configuration

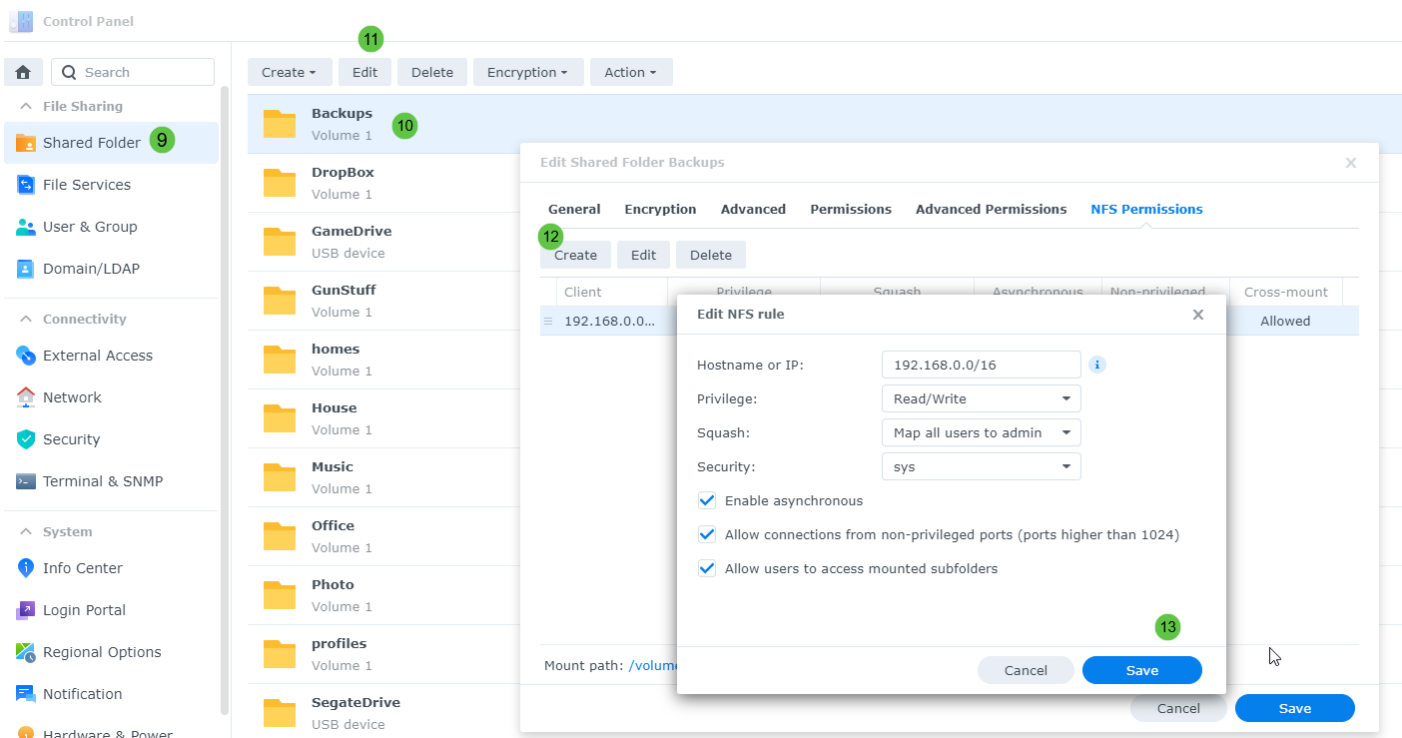
NFS Configuration

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 categories, with 'File Services' highlighted and marked with a green circle 2. The main content area shows the 'NFS' tab selected, marked with a green circle 3. Under this tab, the 'Enable NFS service' checkbox is checked. The 'Maximum NFS protocol' dropdown is set to 'NFSv3' and marked with a green circle 4. The 'NFS range' is listed as '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 in the foreground. It has a title bar with a close button (X). Inside, the 'Apply default UNIX permissions' checkbox is checked. The 'Customized ports' checkbox is unchecked. Below it, there are input fields for 'statd port' and 'nlockmgr port'. A section titled 'Modify the default read/write packet size below.' contains two dropdown menus: 'Read packet size' set to '32KB' (marked with a green circle 6) and 'Write packet size' set to '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 a 'Save' button (marked with a green circle 8) next to a 'Cancel' button.

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
```

