

Synology - Backup from Linux

Introduction

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

Synology Configuration

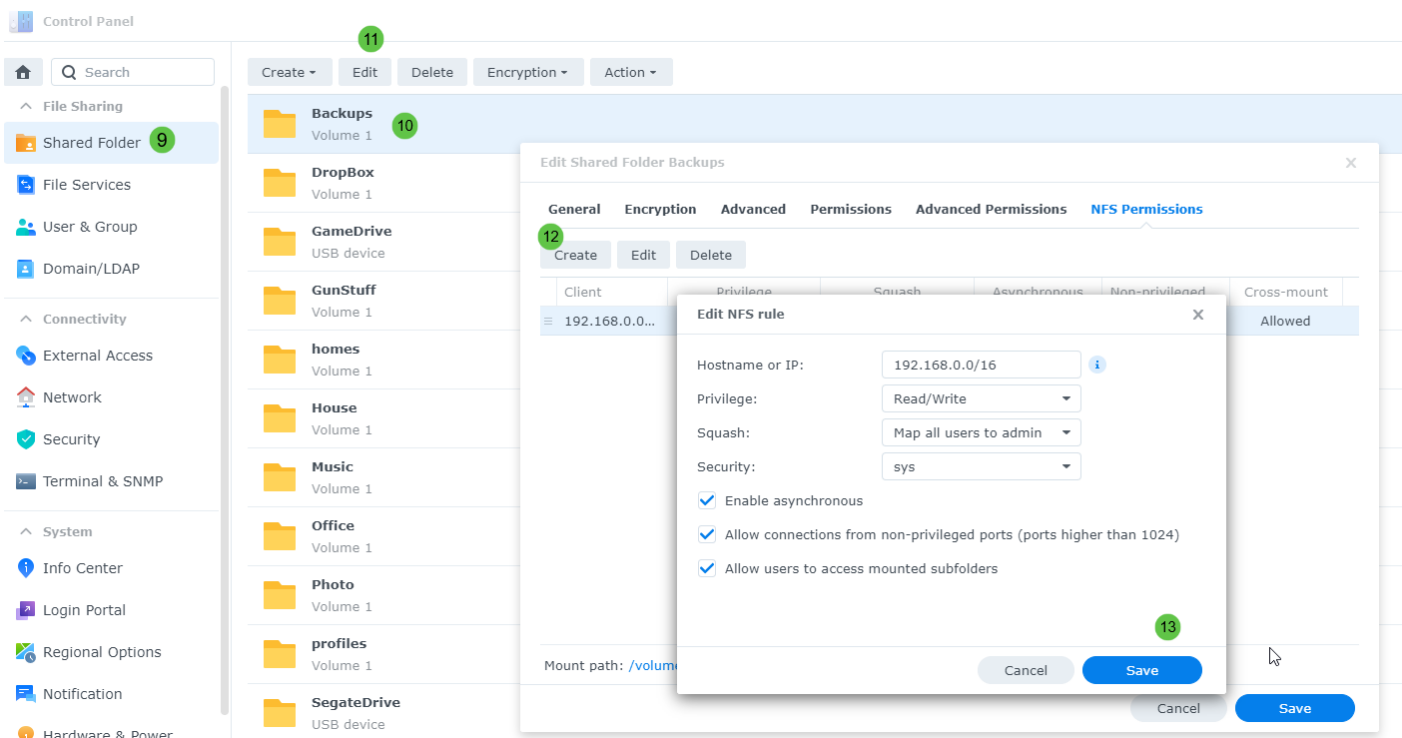
NFS Configuration

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, marked with a green circle 8. It contains the following options: 'Apply default UNIX permissions' (checked), 'Customized ports' (unchecked), 'statd port' (empty input field), 'nlockmgr port' (empty input field), and a section to 'Modify the default read/write packet size below.' with 'Read packet size' and 'Write packet size' both set to '32KB' (marked with green circles 6 and 7 respectively). The 'NFSv4 domain' field is empty. 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
```

