

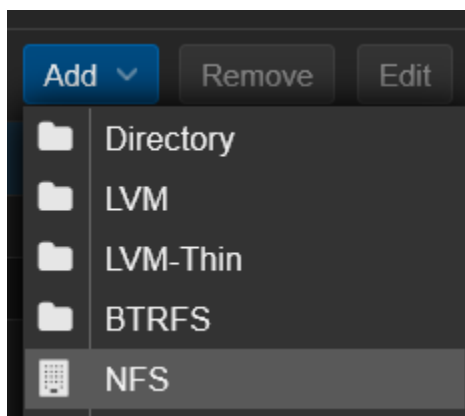
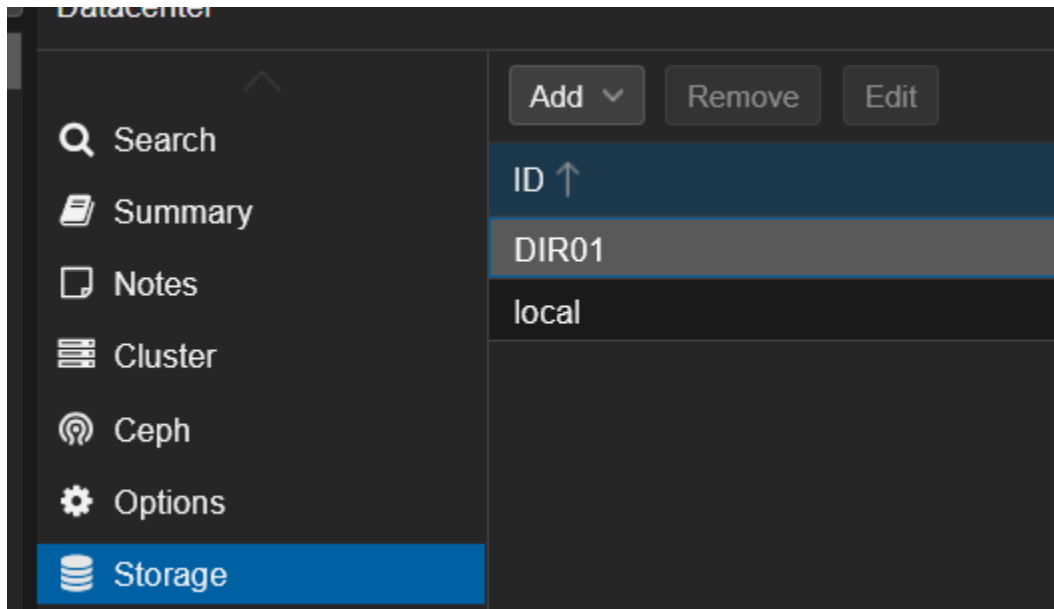
Proxmox Guide – Plex & NAS NFS connection

Pre-requisites

- Proxmox node
- Plex account and License (Might be optional)
- UNAS *This guide uses the UNAS 2*

Connecting the NAS using NFS

1. Go into your Datacenter, select “Storage”, then click on “Add” dropdown and select “NFS”



2. Name your NAS in the ID field, enter the IP address in the Server field. The Export field will display a few options depending on what you have available. In my case the UNAS is only set up for this purpose and only has one option. Proxmox will take a few seconds to scan your NAS before allowing you to select this option. Change what content you want stored.

Add: NFS

General Backup Retention

ID: UNAS Nodes: All (No restrictions) ▾

Server: [redacted] Enable: ☒

Export: [redacted]

Content: Disk image, ISO image, ▾

? Help Advanced ☐ Add

You can configure backup retention and advanced settings as you please.

Once added you should see it as a new directory:

ID ↑	Type
DIR01	Directory
UNAS	NFS
local	Directory

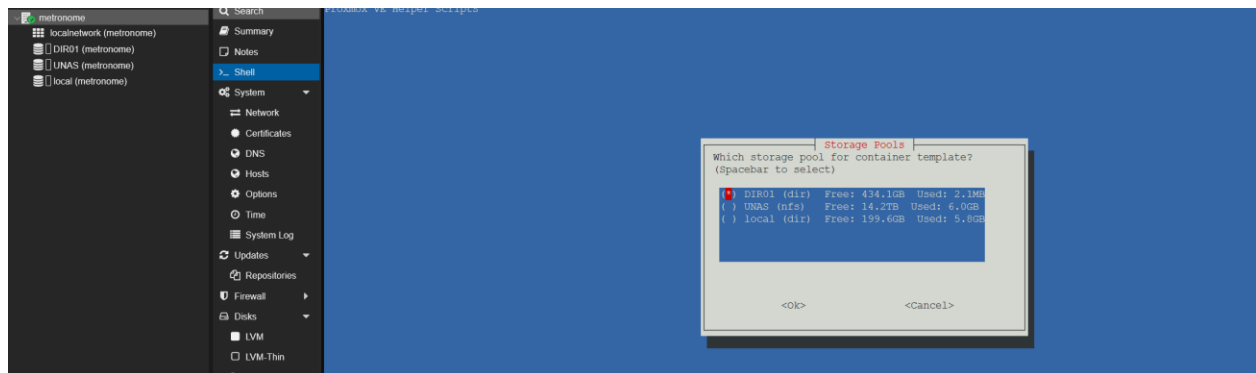
Plex Setup

1. In the node, select “Shell” and run the following script:
 - a. `bash -c "$(wget -qLO - https://github.com/community-scripts/ProxmoxVE/raw/main/ct/plex.sh)"`
 - b. Script is from: <https://community-scripts.github.io/ProxmoxVE/scripts?id=plex&category=Media+%26+Streaming>

- c. Defaults from this script:

```
Using Default Settings on Node metronome
PVE Version 9.1.2 (Kernel: 6.17.2-2-pve)
Container ID: 100
Operating System: ubuntu (24.04)
Container Type: Unprivileged
Disk Size: 8 GB
CPU Cores: 2
RAM Size: 2048 MiB
```

2. Follow the steps and select where you want this main container to live.
- a. In my case, I'm putting the Plex container into DIR01 as the media will live on the NAS.



3. Once complete you'll be presented with an IP address to connect to.
4. When you access this address you'll be prompted to login into Plex



- a.
5. I recommend stopping the container and adjusting the defaults previously mentioned as needed.
- a. In my case I increased the memory, swap memory, and core count:

Memory	12.00 GiB
Swap	1.00 GiB
Cores	4

6. Mounting the NAS: Shut the container down, and in the main node's shell, access the .conf file for the container. In my case since the Plex container's ID is 100, the command will be:
 - a. `nano /etc/pve/lxc/100.conf`
7. Add the following lines to the bottom of the .conf file. *Change the **Bold** letters depending on what you've named your storage:*
`mp0: /mnt/pve/UNAS,mp=/mnt/media/nas`
`mp1: /mnt/pve/DIR01,mp=/mnt/media/local`
8. CTRL+O to save, CTRL+X to exit
9. Claim the server. Get your claim code from: <https://plex.tv/claim>
10. In the container run the following commands:
 - a. `curl -X POST 'http://localhost:32400/myplex/claim?token=CLAIMCODE'`
 - b. `service plexmediaserver restart`
11. Open and log back into your Plex server, follow the on screen instructions to setup what folders you want to use for your media.

You should now be able to access Plex and your media locally.

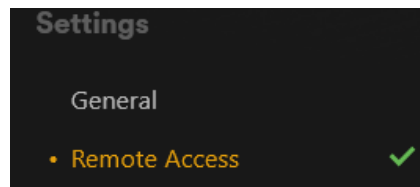
Please note the naming scheme recommended by Plex for all files you upload:

<https://support.plex.tv/articles/categories/your-media/>

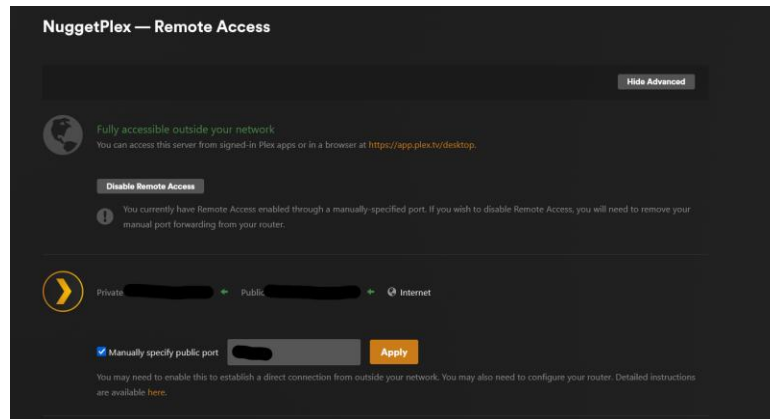
<https://support.plex.tv/articles/naming-and-organizing-your-tv-show-files/>

Plex Remote/External Setup:

1. Go into "Settings" then "Remote Access"



- a.
2. You can configure the port used and test for connections here:
 - a. <https://support.plex.tv/articles/201543147-what-network-ports-do-i-need-to-allow-through-my-firewall/>



b.

3. Configure Port Forwarding on your router:

The screenshot shows the 'Plex Media Server' configuration window. It has a close button (X) in the top right. The 'Name' field is set to 'Plex Media Server'. Under 'WAN Interface', 'WAN1' is selected with a radio button. The 'WAN IP Address' and 'WAN Port' fields are both redacted with black boxes. There is a link 'Update Forward Port' in blue. Under 'From', 'Any' is selected with a radio button. The 'Forward IP Address' field is redacted. There is a link 'Select Device' in blue. The 'Forward Port' field is redacted. Under 'Protocol', 'TCP' is selected with a radio button. At the bottom, there is a checkbox 'Syslog Logging' which is unchecked.

a.