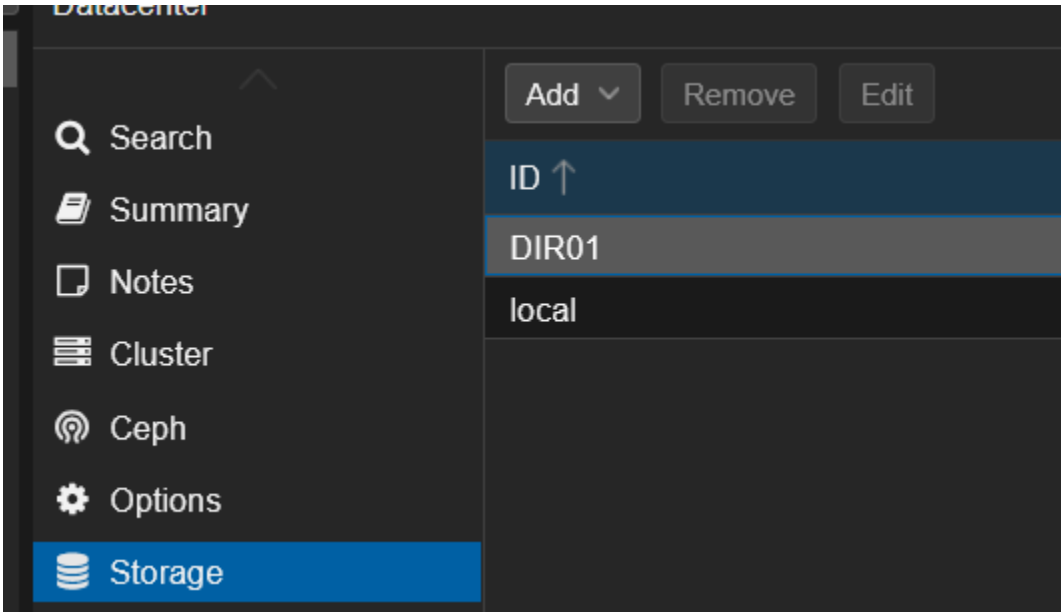
Proxmox Guide – Plex & NAS NFS connection

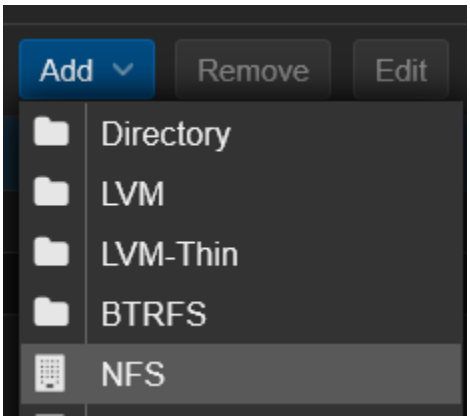
Pre-requisites

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

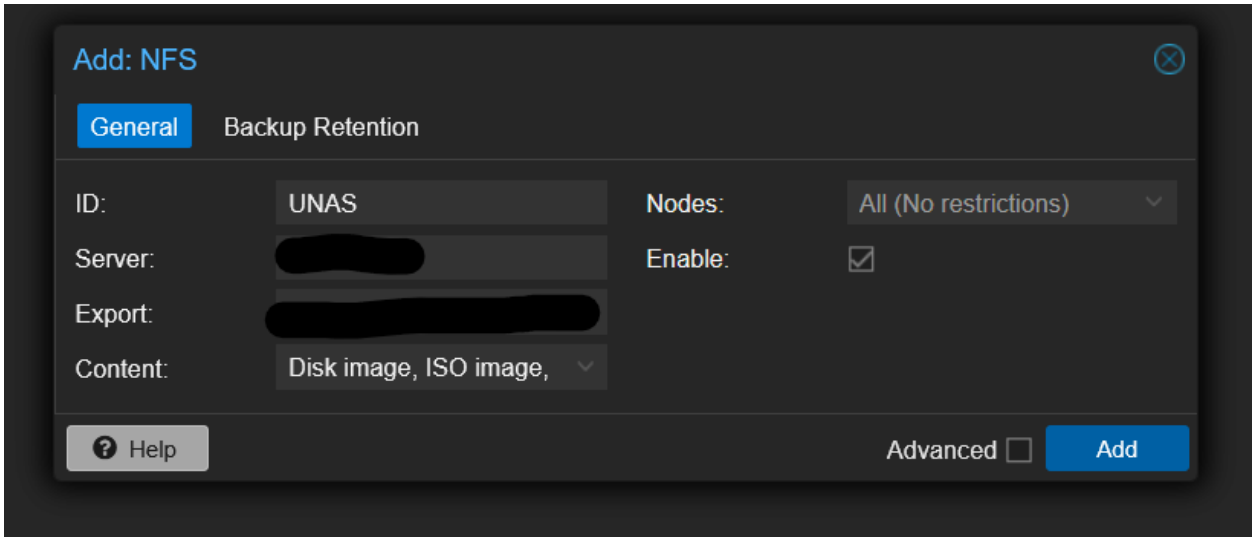
Connecting the NAS using NFS

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



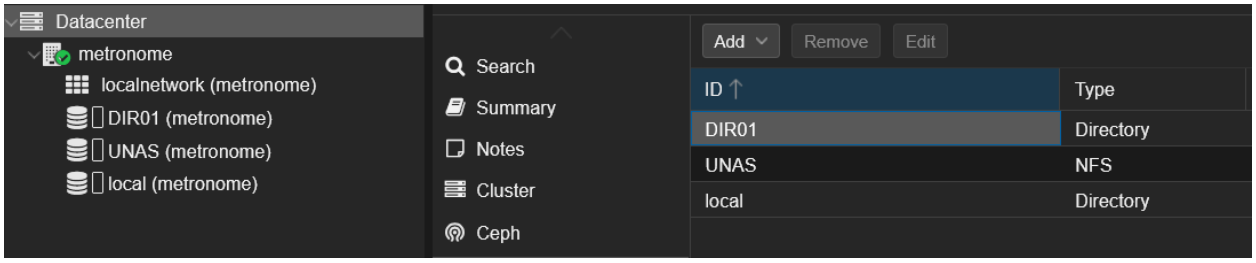


2. Name your NAS in the ID field, enter the IP address in the Server field. The Export field will display a few options depending on what you have available. In my case the UNAS is only set up for this purpose and only has one option. Proxmox will take a few seconds to scan your NAS before allowing you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



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

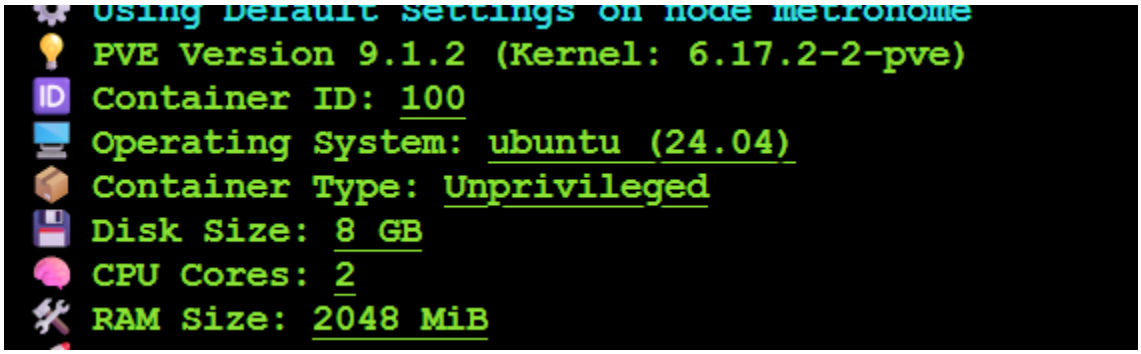
Once added you should see it as a new directory:



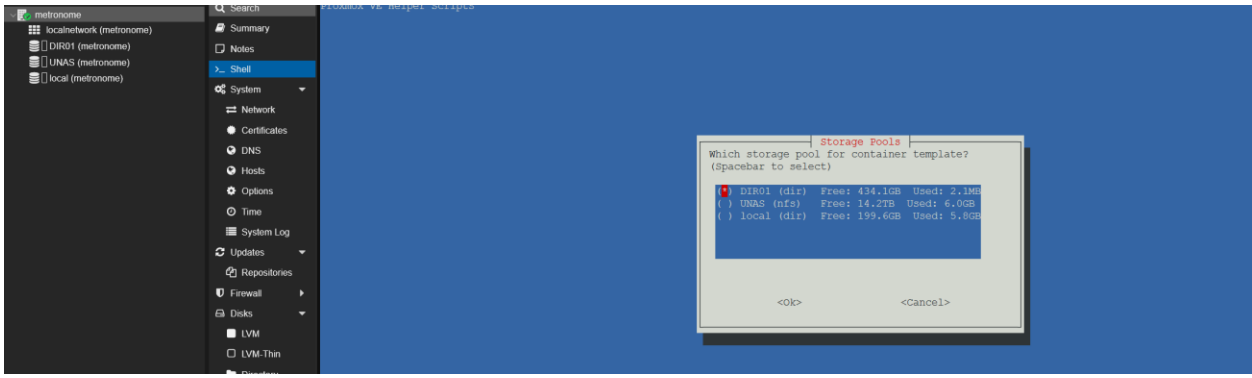
Plex Setup

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:

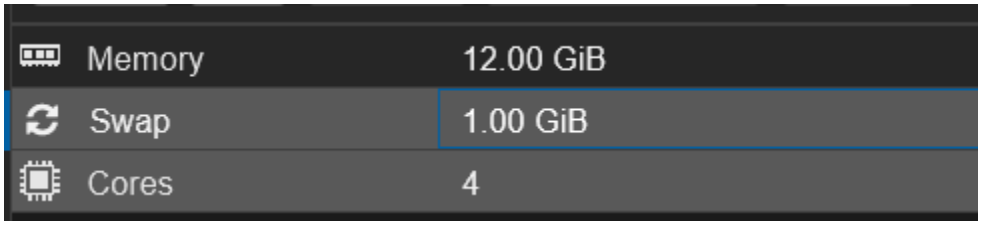


2. Follow the steps and select where you want this main container to live.
    a. In my case, I'm putting the Plex container into DIR01 as the media will live on the NAS.



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:



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.

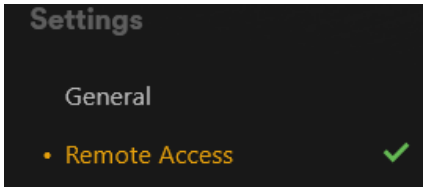
You should now be able to access Plex and your media locally.

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

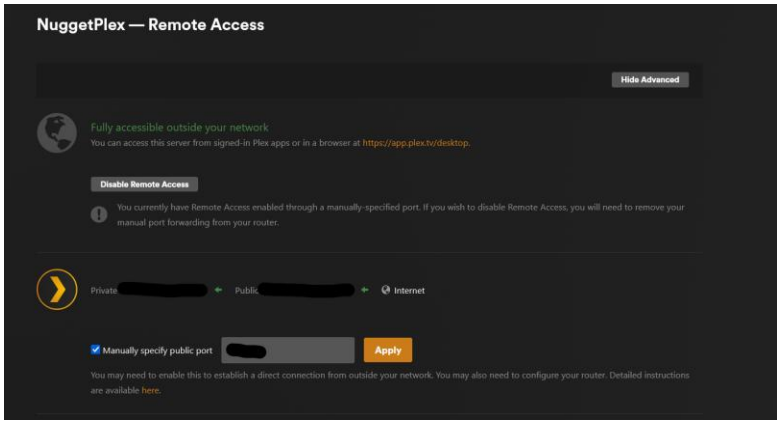
https://support.plex.tv/articles/categories/your-media/

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:

a.