joe@ubuntu-base:~$
joe@ubuntu-base:~$ sudo apt install nfs-kernel-server
joe@ubuntu-base:~$ echo "make the dirs you want to share out via nfs"
makes the dirs you want to share out via nfs
joe@ubuntu-base:~$ _
joe@ubuntu-base:~$ echo "make the dirs you want to share out via nfs"
make the dirs you want to share out via nfs
joe@ubuntu-base:~$ mkdir /joeshare
mkdir: cannot create directory /joeshare: Permission denied
joe@ubuntu-base:~$ sudo mkdir /joeshare
joe@ubuntu-base:~$
joe@ubuntu-base:~$ echo "set easy permissions"
set easy permissions
joe@ubuntu-base:~$ sudo chmod 777 /joeshare/
joe@ubuntu-base:~$ _
joe@ubuntu-base:~$ echo "edit exports file that controls who can access via nfs"
edit exports file that controls who can access via nfs
joe@ubuntu-base:~$ sudo vi /etc/exports
# /etc/exports: the access control list for filesystems which may be exported
to NFS clients. See exports(5).

# Example for NFSv2 and NFSv3:
# /srv/homes  hostname1(rw,sync,no_subtree_check) hostname2(ro,sync,no_subtree_check)

# Example for NFSv4:
# /srv/nfs4  gss/krb5i(rw,sync,fsid=0,crossmnt,no_subtree_check)
# /srv/nfs4/homes  gss/krb5i(rw,sync,no_subtree_check)

/joeshare  144.38.193.193/26(rw,sync,no_subtree_check)
# You would want to put your ip network there, probably something like 10.150.75.0/24
joe@ubuntu-base:~$ sudo service nfs-kernel-server restart
now move to proxmox to see if you can connect. My
interface is a little different
now move to proxmox to see if you can connect. My interface is a little dif-
erent
<table>
<thead>
<tr>
<th>ID</th>
<th>Type</th>
<th>Content</th>
<th>Path/Target</th>
<th>Share</th>
<th>Enable</th>
<th>Bandwidth Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>joesiso</td>
<td>NFS</td>
<td>ISO image</td>
<td>/mnt/pve/joesiso</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>joesnfs</td>
<td>NFS</td>
<td>Disk image, Container</td>
<td>/mnt/pve/joesnfs</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>local</td>
<td>Dir</td>
<td>VZDump backup file, ISO...</td>
<td>/var/lib/vz</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>local-lvm</td>
<td>LVM</td>
<td>Disk image, Container</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Add: NFS**

- **ID:** joesnfs
- **Server:** 144.38.193.201
- **Export:** /joes_share
- **Content:** Disk image
- **Nodes:** All (No restrictions)
- **Enable:** Yes
- **Max Backups:** 1
Adding an NFS storage:

- **ID:** joesnfs
- **Server:** 144.38.193.201
- **Export:** joesnfs
- **Content:** Disk image
- **Nodes:** All (No restrictions)
- **Enable:** Yes
- **Max Backups:** 1

Options available for Content:
- Disk image
- ISO image
- Container template
- VZDump backup file
- Container
- Snippets
<table>
<thead>
<tr>
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<th>Type</th>
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<th>Path/Target</th>
<th>Share</th>
<th>Enable</th>
<th>Bandwidth Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>joesiso</td>
<td>NFS</td>
<td>ISO image</td>
<td>/mnt/pve/joesiso</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>joessns</td>
<td>NFS</td>
<td>Disk image, Container, Co...</td>
<td>/mnt/pve/joessns</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>local</td>
<td>Direct</td>
<td>VZDump backup file, ISO image</td>
<td>/var/lib/vz</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>local-lvm</td>
<td>LVM</td>
<td>Disk image, Container</td>
<td></td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>nfsubuntu</td>
<td>NFS</td>
<td>Disk image</td>
<td>/mnt/pve/nfsub...</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
Now create a vm using that share as storage
joe@ubuntu-base:~$ sudo ls /joeshare/images/106/
vm-106-disk-0.qcow2
joe@ubuntu-base:~$ echo "It created my disk image there. things look good"
It created my disk image there. things look good
joe@ubuntu-base:~$