Proxmox

**General**

Enter # qm list | Lists Virtual Machines VMID and other details.

Enter # apt-get install net-tools | Install network tools such as ifconfig.

**Example network configuration**

Enter # nano /etc/network/interfaces | To edit the config file.

INPUT THE FOLLOWING:

Text

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Enter # systemctl restart networking | To lock in the changes.

**Firewall**

Enter # systemctl stop pve-firewall | Turns off firewall

**Add new usable hard drive space**

Enter # lsblk to detect the drives on system COPY INTO CHATGPT TO ASK WHICH ONES CORRECT

Enter # apt install parted -y

Enter # parted /dev/sda

Enter (parted) mklabel gpt

Enter (parted) mkpart primary ext4 0% 100%

Enter (parted) quit

Enter # mkfs.ext4 /dev/sda1

Enter # mkdir /mnt/mydrive

Enter # mount /dev/sda1 /mnt/mydrive

**Configure Proxmox Storage:** To use this new drive for Proxmox storage, you can add it as a directory storage in the Proxmox web interface:

a. Log in to the Proxmox web interface.

b. Navigate to the "Datacenter" or "Cluster" section.

c. Click on "Storage" in the left sidebar.

d. Click the "Add" button to add a new storage.

e. Select "Directory" as the storage type and specify the path as the directory where you mounted the new drive (e.g., **/mnt/mydrive**).

f. Follow the prompts to complete the configuration.

g. Verify by viewing new drive storage amount.

**Networking config file**

If mess up networking, go to host node (proxmox) then network, then create, then Linux bridge, then apply configuration.

Vmbro bridges from eno1.

A screenshot of a computer

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**Resources**

<https://www.youtube.com/watch?v=I-e1_CTa4s0&ab_channel=ProxmoxHHS>

<https://www.youtube.com/watch?v=_u8qTN3cCnQ&t=845s&ab_channel=NetworkChuck>

ngrok http https://192.168.1.140:8006/