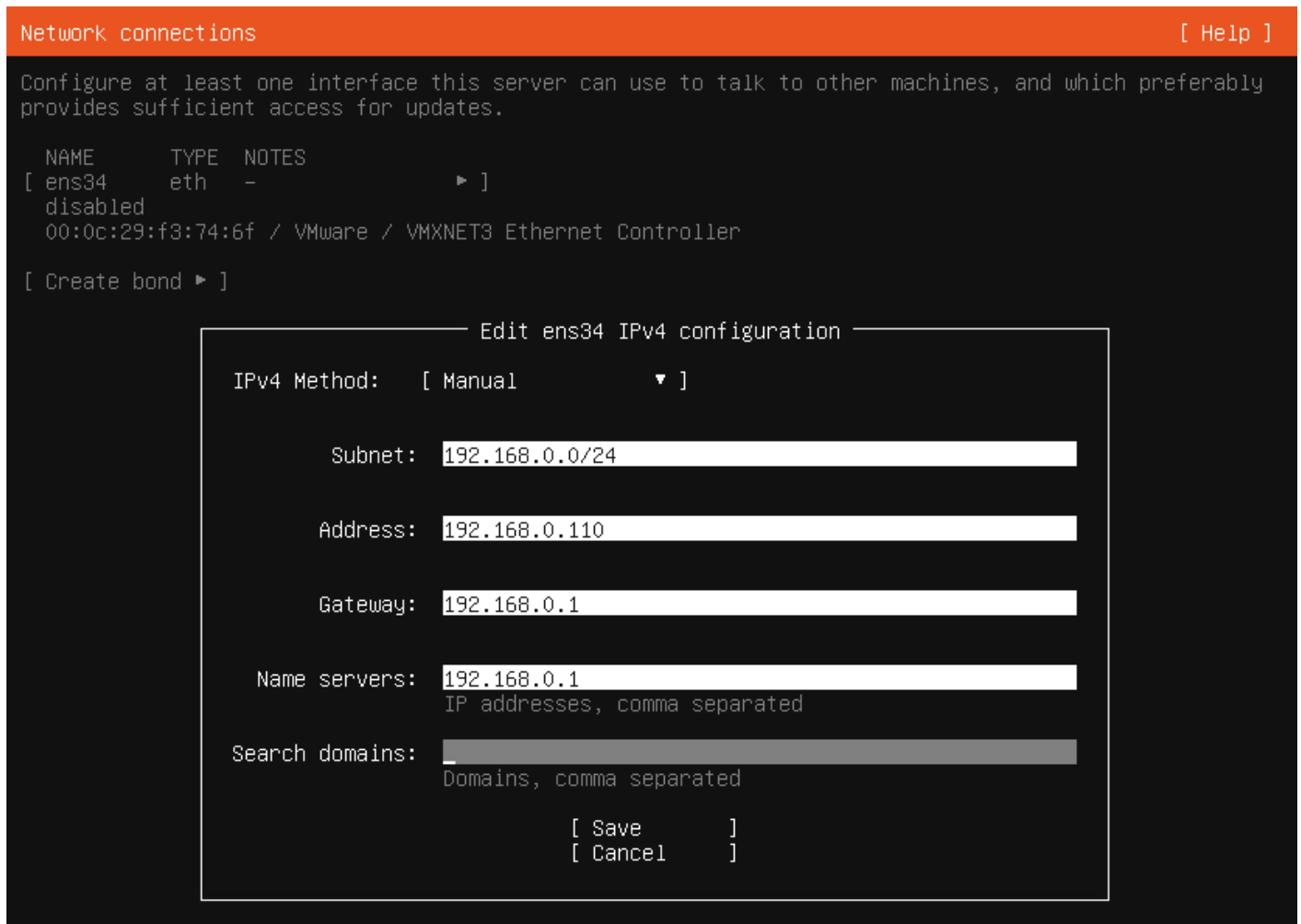


Ubuntu 24.04 mit Docker installieren



Root aktivieren + SSH

```
sudo nano /etc/ssh/sshd_config
```

```
FROM:
#PermitRootLogin prohibit-password
TO:
PermitRootLogin yes
```

```
sudo systemctl restart ssh
```

```
sudo passwd
```

Docker installieren

```
apt update
```

```
apt install ca-certificates curl gnupg lsb-release
```

```
mkdir -p /etc/apt/keyrings  
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o  
/etc/apt/keyrings/docker.gpg  
chmod a+r /etc/apt/keyrings/docker.gpg
```

```
echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg]  
https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee  
/etc/apt/sources.list.d/docker.list > /dev/null
```

```
apt update
```

```
apt install docker-ce docker-ce-cli containerd.io
```

```
reboot
```

IPv6 deaktivieren

```
nano /etc/sysctl.conf
```

An das Ende folgende Zeilen hinzufügen

```
net.ipv6.conf.all.disable_ipv6 = 1  
net.ipv6.conf.default.disable_ipv6 = 1  
net.ipv6.conf.lo.disable_ipv6 = 1
```

Änderung übernehmen

```
sysctl -p
```

IP Bereich für Docker Container anpassen

```
nano /etc/docker/daemon.json
```

```
{  
  "default-address-pools":  
  [  
    {"base": "10.1.0.0/16", "size": 24}  
  ]  
}
```

```
service docker restart
```

Docker testen

```
docker run hello-world
```

Docker Compose V2 ist schon inkludiert.

LVM Volumen auf kompletten Speicherplatz erweitern

aktuelle Größe anzeigen lassen

```
df -hT /dev/mapper/ubuntu--vg-ubuntu--lv
```

Vergrößerung vorher testen

```
lvresize -tvL +100%FREE /dev/mapper/ubuntu--vg-ubuntu--lv
```

Vergrößerung durchführen

```
lvresize -vl +100%FREE /dev/mapper/ubuntu--vg-ubuntu--lv
```

Filesystem vergrößerung

```
resize2fs -p /dev/mapper/ubuntu--vg-ubuntu--lv
```

Erfolg testen

```
df -hT /dev/mapper/ubuntu--vg-ubuntu--lv
```

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