

## Wake on LAN (WOL) for Ubuntu 20

Difficulté



Facile

ditto Proxmox but with orhter path for ethtool:

```
nano /etc/systemd/system/wol.service
```

```
[Unit]
Description=Wake-on-LAN for <interface id>
Requires=network.target
After=network.target

[Service]
ExecStart=/sbin/ethtool -s <interface id> wol g
ExecStop=/sbin/ethtool -s <interface id> wol g

[Install]
WantedBy=multi-user.target
```

```
systemctl start wol.service
systemctl enable wol.service
systemctl is-enabled wol.service
systemctl daemon-reload
```

## Wake on LAN (WOL) for Ubuntu 18 (Bionic)

On a server without GUI = with “Netplan” and without “Network-manager”

<https://askubuntu.com/questions/1053302/wake-on-lan-not-working-if-i-turn-of-with-ubuntu>

## Send a Magic Packet at startup for Ubuntu 20

Useful to wakeup a server when the client starts.

```
$ sudo nano /etc/systemd/system/wol-omv.service
[Unit]
After=network-online.target
Wants=network-online.target

[Service]
ExecStart=/usr/local/bin/wol-omv.sh

[Install]
WantedBy=default.target
```

```
sudo nano /usr/local/bin/wol-omv.sh
#!/bin/bash
```

```
/usr/sbin/etherwake -i enp34s0 69:70:BC:AD:4B:A2 // use your correct
interface name and the correct mac address!!
```

```
sudo chmod 744 /usr/local/bin/wol-omv.sh
sudo chmod 664 /etc/systemd/system/wol-omv.service
```

```
sudo systemctl start wol-omv.service
sudo systemctl enable wol-omv.service
sudo systemctl daemon-reload
```

Script pour contrôler que la machine qui a reçu le paquet magique s'est bien lancée - peut être ajouté au script de WOL:

```
# enter le suffixe de l'adresses de la machine à surveiller - sur réseau:
192.168.20.0
ip=(69)

for i in `seq 1 10`; do

    echo "test ping sur IP 192.168.20."$ip":";
    if $(ping -c 1 192.168.20.$ip &> /dev/null) ; then
        echo "machine 192.168.20."$ip" en ligne"
        beep -f 1000 -n -f 2000 -n -f 1500
        exit

    else
        echo "machine 192.168.20."$ip" pas présente"
        sleep 10s;
    fi
done

echo "machine 192.168.20."$ip" pas présente"
beep -f 300.7 -r 2 -d 100 -l 400
```

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