

Global

Versionsinformation

```
root@devel:~# lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 18.04.4 LTS
Release:       18.04
Codename:      bionic
```

Packet Export Import

Export

```
'dpkg --get-selections> packages.lst'
```

Import

```
'dpkg --merge-avail <(apt-cache dumpavail)
dpkg --clear-selections
dpkg --set-selections <packages.lst
apt-get dselect-upgrade'
```

cloud-init

abschalten per dpkg-reconfigure cloud-init

netplan

Einfaches Beispiel

Beispiel yaml für proxmox VM:

```
network:
  version: 2
  renderer: networkd
  ethernets:
    ens18:
      dhcp4: no
      addresses: [138.201.52.38/26]
      gateway4: 138.201.52.41
```

```
nameservers:
  addresses: [213.133.98.98,213.133.99.99,213.133.100.100]
routes:
- to: 0.0.0.0/0
  via: 138.201.52.41
  on-link: true
```

Beispiel für zwei Schnittstellen mit Routing

```
network:
  version: 2
  renderer: networkd
ethernets:
  ens18:
    dhcp4: no
    addresses: [ 138.201.52.53/26 ]
    # gateway4: 138.201.52.1
    nameservers:
      addresses: [ 213.133.98.98, 213.133.99.99, 213.133.100.100 ]
    routes:
      - to: default
        via: 138.201.52.1
        table: 101
    routing-policy:
      - from: 0.0.0.0/0
        table: 101
  ens19:
    dhcp4: no
    addresses: [ 10.10.10.34/24 ]
    # gateway4: 10.10.10.1
    nameservers:
      addresses: [ 213.133.98.98, 213.133.99.99, 213.133.100.100 ]
    routes:
      - to: 138.201.52.0/26
        via: 138.201.52.1
      - to: 10.10.10.0/24
        via: 10.10.10.1
        table: 102
    routing-policy:
      - from: 10.10.10.0/24
        table: 102
```

Achtung: gateway4 ist **deprecated**, siehe

<https://www.techrepublic.com/article/set-default-gateway-with-netplan-now-gateway4-been-deprecated/>

dnsmasq startet nicht wegen Konflikt mit systemd-resolved

<https://unix.stackexchange.com/questions/304050/how-to-avoid-conflicts-between-dnsmasq-and-systemd-resolved>

Lösung: systemd-resolved über /etc/systemd/resolved.conf abschalten:

```
"# disabled 15.10.18 thr DNSStubListener=no
```

OpenVPN Meldung "CRL has expired"

easysrsa: crt neu erzeugen, rüberkopieren. Siehe <https://www.jobishmathew.me/openvpn-crl-has-expired/>

unattended upgrades

iptables

<https://www.64-bit.de/dokumentationen/netzwerk/iptables/DE-IPTABLES-HOWTO-3.html>

20.04 LTS ipv6 abschalten

in /etc/sysctl.conf

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

Danach sysctl -p

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Last update: **17/08/2024 - 07:06**

