

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

```
<terminal> dpkg-query -f '${binary:Package}\n' -W> packages_list.txt </terminal>
```

Import

```
<terminal> xargs -a packages_list.txt apt install </terminal>
```

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"

easyrsa: crl 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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