

dnsmasq (DNS- und DHCP-Server)

Installation

```
sudo apt install dnsmasq
```

DHCP-Server

Konfigurationsdatei /etc/dnsmasq.conf

```
dhcp-range=192.168.1.50,192.168.1.60,1h
dhcp-option=option:netmask,255.255.255.0
dhcp-option=option:router,192.168.1.1
dhcp-option=option:dns-server:1.1.1.1
```

DNS-Server

Konfigurationsdatei /etc/dnsmasq.conf

```
port=53
domain-needed
bogus-priv
strict-order
expand-hosts
domain=gbs.lan
listen-address=192.168.1.100
```

Konfigurationsdatei /etc/hosts

```
192.168.1.101 web1.lan
192.168.1.102 web1.lan
```

Konfigurationsdatei /etc/resolv.conf

```
nameserver 1.1.1.1
```

Konfiguration übernehmen

Syntaxcheck

```
sudo dnsmasq --test
```

Status, Start, Restart

```
sudo service dnsmasq status
sudo service dnsmasq start
sudo service dnsmasq restart
```