

Host DHCP Server

This guide shows how to host a DHCP-Server on Debian, e.g. for a separate IP-Camera-Network:

1. Set a static IP address on the interface where the DHCP should be running on later, therefore have a look here [Set Static IP Address / Static route](#). (You may have to adjust the tutorial to your distribution).
2. Then install `isc-dhcp-server`:

```
sudo apt install isc-dhcp-server -y
```

3. Now create a backup of the main config file:

```
sudo mv /etc/dhcp/dhcpd.conf /etc/dhcp/dhcpd.conf.bak
```

4. Then add/edit the following values and adjust them to your wished values:

```
sudo nano /etc/dhcp/dhcpd.conf
```

```
# Global options
option domain-name "example.com";
option domain-name-servers 8.8.8.8, 8.8.4.4;

default-lease-time 600;
max-lease-time 7200;

# Use this to enable / disable dynamic dns updates globally.
#ddns-update-style none;

# If this DHCP server is the official DHCP server for the local
# network, the authoritative directive should be uncommented.
authoritative;

# Subnet declaration
subnet 192.168.1.0 netmask 255.255.255.0 {
    range 192.168.1.100 192.168.1.200;
    option routers 192.168.1.1;
    option broadcast-address 192.168.1.255;
}
```

5. Finally set the interface on which the server should listen, therefore change the `INTERFACESvX` in `/etc/default/isc-dhcp-server`. This can then look like:

```
INTERFACESv4="eth1"
```

And restart the server:

```
sudo systemctl restart isc-dhcp-server
```

Sourced from: idroot.us - [Set up DHCP Server](#)

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