



Zur Grundausrüstung eines Linux-Rechners gehört ein DHCP-Server. Hier die Konfiguration

Installation

```
sudo apt-get install dhcp3-server
```

Konfiguration

Zuerst muss in der Datei /etc/default/dhcp3-server (bei Debian Squeeze /etc/default/isc-dhcp-server) folgendes eingetragen werden, auf welche Netzwerkschnittstelle der DHCP-Server antworten soll

```
INTERFACES="eth0"
```

Konfigurationsdatei wie folgt füllen (/etc/dhcp3/dhcpd.conf)

[dhcpd.conf](#)

```
# eigene Konfiguration
# -----
# Globale Konfiguration

# DHCP-Einstellungen
authoritative;
default-lease-time           86400;
max-lease-time               86400;

# Netzwerkeinstellungen
option broadcast-address      192.168.0.255;
option subnet-mask            255.255.255.0;
option routers                 192.168.0.254;
option domain-name-servers    192.168.0.254;
option domain-name             "schindelmann.local";

# -----
# Dynamische IP-Zuweisung
subnet 192.168.0.0 netmask 255.255.255.0 {
    range 192.168.0.90 192.168.0.99;
}

# -----
# Statische IP-Zuweisung
host workstation      {hardware ethernet 00:40:ca:68:2e:d4; fixed-
address 192.168.0.101; }
host laptop-lan       {hardware ethernet 00:02:3f:18:e2:33; fixed-
address 192.168.0.102; }
host laptop-wlan      {hardware ethernet 00:0e:35:2d:40:c1; fixed-
```

```

address 192.168.0.103; }
host laptop-gbit      {hardware ethernet 00:13:3b:02:b4:ba; fixed-
address 192.168.0.104; }
host netbook-lan       {hardware ethernet 00:1d:92:58:8c:3e; fixed-
address 192.168.0.105; }
host netbook-wlan      {hardware ethernet 00:15:af:bc:4d:ce; fixed-
address 192.168.0.106; }
host fernseher         {hardware ethernet 00:12:fb:a2:0a:ef; fixed-
address 192.168.0.107; }
host wii-lan           {hardware ethernet 00:19:fd:4e:42:dd; fixed-
address 192.168.0.108; }
host wii-wlan          {hardware ethernet 00:1b:ea:f2:42:ab; fixed-
address 192.168.0.109; }
host dvd-player        {hardware ethernet 00:06:dc:40:07:c2; fixed-
address 192.168.0.110; }
host popcorn-hour      {hardware ethernet 00:06:dc:80:8b:1c; fixed-
address 192.168.0.111; }
host Nokia-E51         {hardware ethernet 00:1c:d6:2e:83:f7; fixed-
address 192.168.0.112; }
host e-pc               {hardware ethernet 00:01:02:06:0c:0b; fixed-
address 192.168.0.120; }

```

Jetzt den DHCP-Server noch neu starten und fertig.

Version	Befehl
Ubuntu	/etc/init.d/dhcp3-server start
Debian Squeeze	/etc/init.d/isc-dhcp-server start

Problembehebung

Problem:

- DHCP-Server starten nicht
- Log-File des DHCP-Servers (/var/log/syslog) stehen folgende einträge

```

Can't open lease database /var/lib/dhcpd/dhcpd.leases: No such file or
directory --
check for failed database rewrite attempt!

```

Lösung: Die Datei dhcpd.leases konnte nicht angelegt werden

```
sudo mkdir /var/lib/dhcpd
```

From:
<https://wiki.da-checka.de/> - PSwiki



Permanent link:
<https://wiki.da-checka.de/doku.php/wiki/dienste/dhcp>

Last update: **2012/10/08 14:31**