

## DHCP Server (on Debian Squeeze)

### 1. Pastikan Login sebagai Root

```
idris@debian:~$ su
Password:
root@debian:~# whoami
root
root@debian:~#
```

### 2. Persiapan Repository Pastikan Repositorynya

```
root@debian:~# cat /etc/apt/sources.list
deb ftp://kebo.eepis-its.edu/debian squeeze contrib main non-free
deb-src ftp://kebo.eepis-its.edu/debian squeeze contrib main non-free
root@debian:~#
```

Jika belum edit menggunakan editor seperti: vim, nano, pico, atau lainnya.

### 3. Update repository

```
root@debian:~# apt-get update
Get:1 ftp://kebo.eepis-its.edu squeeze Release.gpg [1672B]
Get:2 ftp://kebo.eepis-its.edu squeeze/contrib Translation-en_US
Get:3 ftp://kebo.eepis-its.edu squeeze/main Translation-en_US
Get:4 ftp://kebo.eepis-its.edu squeeze/non-free Translation-en_US
Hit ftp://kebo.eepis-its.edu squeeze Release

Get:5 ftp://kebo.eepis-its.edu squeeze Release [104kB]
Get:6 ftp://kebo.eepis-its.edu squeeze/contrib Packages/DiffIndex
Hit ftp://kebo.eepis-its.edu squeeze/contrib Packages
Fetched 105kB in 13s (7586B/s)
Reading package lists... Done
```

### 4. Pastikan paket DHCP-nya

```
root@debian:~# apt-cache search isc-dhcp-server
isc-dhcp-server - ISC DHCP server for automatic IP address assignment
isc-dhcp-server-dbg - ISC DHCP server for automatic IP address assignment (debug)
isc-dhcp-server-ldap - DHCP server able to use LDAP as backend
```

## 5. Instalasi paket DHCP

```
root@debian:/home/idris# apt-get install isc-dhcp-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
Suggested packages:
  isc-dhcp-server-ldap
The following NEW packages will be installed:
  isc-dhcp-server
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 377 kB of archives.
After this operation, 885 kB of additional disk space will be used.
Get:1 http://kebo.vlsm.org/debian/squeeze/main isc-dhcp-server i386 4.1.1-P1-15+squeeze2 [377 kB]
Fetched 377 kB in 0s (5,513 kB/s)
Preconfiguring packages ...
Selecting previously deselected package isc-dhcp-server.
(Reading database ... 24047 files and directories currently installed.)
Unpacking isc-dhcp-server (from .../isc-dhcp-server_4.1.1-P1-15+squeeze2_i386.deb) ...
Processing triggers for man-db ...
Setting up isc-dhcp-server (4.1.1-P1-15+squeeze2) ...
Generating /etc/default/isc-dhcp-server...
Starting ISC DHCP server: dhcpdcheck syslog for diagnostics. ... failed!
failed!
invoke-rc.d: initscript isc-dhcp-server, action "start" failed.
```

## 6. Edit File konfigurasi /etc/dhcp/dhcpd.conf Tambah Subnet network anda

```
root@debian:/home/idris# vim /etc/dhcp/dhcpd.conf

subnet 10.252.108.0 netmask 255.255.255.0 {
  range 10.252.108.10 10.252.108.50;
  option routers 10.252.108.1;
}
```

## 7. Restart Service DHCP-nya

```
root@debian:/home/idris# /etc/init.d/isc-dhcp-server restart
Stopping ISC DHCP server: dhcpd failed!
Starting ISC DHCP server: dhcpd.
root@debian:/home/idris#
```

8. Uji cobakan di komputer client

```
root@debian:/home/idris# dhclient
```