

# OnRISC: How to configure networking on OnRISC?

Debian's networking configuration is done in the following files:

/etc/network/interfaces (see <http://www.digipedia.pl/man/interfaces.5.html> for further details)

/etc/resolv.conf (see <http://linux.die.net/man/5/resolv.conf> for further details)

For dynamic IP address assignment ( DHCP ) only the /etc/network/interfaces must be changed. So configuration for eth0 looks like this:

```
auto eth0  
  
iface eth0 inet dhcp
```

For static IP address assignment both files must be changed, especially if DNS functionality is needed. Assuming your router has IP address 192.168.254.1 the configuration for eth0 in /etc/network/interfaces looks like this:

```
auto eth0  
  
iface eth0 inet static  
  
address 192.168.254.254  
  
netmask 255.255.255.0  
  
gateway 192.168.254.1
```

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/etc/resolv.conf gets following entry:

```
nameserver 192.168.254.1
```

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