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Ubuntu Static IP

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[1]

Q. I've Intel Corporation 80003ES2 LAN Gigabit Ethernet Controller. How do I set static IP address settings for my Ubuntu Linux as follows:

DEVICE name : eth0
Type: static
IP ADDR : 10.10.29.66
NETMASK : 255.255.255.192
Router IP: 10.10.29.65
Broadcast: 10.10.29.127

How do I setup static IP address under Ubuntu?

A. Ubuntu Linux stores all network configuration option in /etc/network/interfaces [2] configuration file. You need to open this file using a text editor such as vi or gedit.

Open terminal (command line)

Type the following command:

```
sudo vi /etc/network/interfaces
```

OR

```
sudo gedit /etc/network/interfaces
```

Make the changes as follows:

```
auto eth0
iface eth0 inet static
address 10.10.29.66
netmask 255.255.255.192
network 10.10.29.65
broadcast 10.10.29.127
gateway 10.10.29.65
```

Save and close the file. Restart networking:

```
$ sudo /etc/init.d/networking restart
```

See more Ubuntu Linux networking examples here [2].

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[1] Image: **http://www.cyberciti.biz/faq/category/ubuntu-linux/**

[2] /etc/network/interfaces: **http://www.cyberciti.biz/faq/setting-up-an-network-interfaces-file/**

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