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Redhat network interface configuration

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Redhat Linux network interface names start with ethX. First Ethernet network interface name is eth0, second is eth1 and so on.

Login as a root user, use su - command:

$ su -

To list or display more information about network interface type command:

ifconfig | less

To assign an IP address type following command:

ifconfig eth0 192.168.1.1 up

To take down network interface type following command:

ifconfig eth0 down

To configure network card using GUI tool type command:

redhat-config-network

You can also type command setup and select network configuration from menu:

setup

If you wish to configure network interface manually then you need to edit files stored in /etc/sysconfig/network-scripts/ directory. For example here is my sample /etc/sysconfig/network-scripts/ifcfg-eth0 file for eth0 network interface:

```
DEVICE=eth0
BOOTPROTO=static
BROADCAST=192.168.1.255
HWADDR=00:0F:EA:91:04:07
IPADDR=192.168.1.111
NETMASK=255.255.255.0
NETWORK=192.168.1.0
ONBOOT=yes
TYPE=Ethernet
```

See also:

- Linux How do I find out what network services are running or listing? [1]
- How can I find out if my Ethernet card (NIC) is being recognized or not? [2]
- How to find out what my dns servers address is? [3]

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[1] Linux How do I find out what network services are running or listing?: **http://www.cyberciti.biz/faqs/2006/01/linux-how-do-i-find-out-what-network.php**

[2] How can I find out if my Ethernet card (NIC) is being recognized or not?: **http://www.cyberciti.biz/faqs/2006/01/how-can-i-find-out-if-my-ethernet-card.php**

[3] How to find out what my dns servers address is?: **http://www.cyberciti.biz/faqs/2006/01/how-to-find-out-what-my-dns-servers.php**