

# Debian

- *eth0* IP

```
cd /etc/sysconfig/  
cat > ifconfig.eth0 << "EOF"  
ONBOOT=yes  
IFACE=eth0  
SERVICE=ipv4-static  
IP=192.168.1.2  
GATEWAY=192.168.1.1  
PREFIX=24  
BROADCAST=192.168.1.255  
EOF
```

## IP

- 

```
ip link
```

- IP

```
nano /etc/network/interfaces
```

```
# The loopback network interface  
auto lo  
iface lo inet loopback
```

```
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location  
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line
```

o

IP

dns-nameservers

```
GNU nano 5.4 /etc/network/interfaces *
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

# The loopback network interface
auto lo
iface lo inet loopback

auto enp0s3
iface enp0s3 inet static
address 192.168.2.2
netmask 255.255.255.0
gateway 192.168.2.2
dns-nameservers 8.8.4.4 8.8.8.8

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line
```

## DNS

- DNS `/etc/resolv.conf`

```
cat > /etc/resolv.conf << "EOF"
# Begin /etc/resolv.conf

domain <Your Domain Name>
nameserver <IP address of your primary nameserver>
nameserver <IP address of your secondary nameserver>

# End /etc/resolv.conf
EOF
```

- `/etc/hostname` `<lfs>` Fully Qualified `/etc/hosts` name FQDN

```
echo "<lfs>" > /etc/hostname
```

## IP

- `/etc/hosts` `<192.168.1.1>` `<FQDN>` `<HOSTNAME>` / IP

```
cat > /etc/hosts << "EOF"
# Begin /etc/hosts

127.0.0.1 localhost
127.0.1.1 <FQDN> <HOSTNAME>
```

```
<192.168.1.1> <FQDN> <HOSTNAME> [alias1] [alias2 ...]
::1 localhost ip6-localhost ip6-loopback
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters

# End /etc/hosts
EOF
```

- foo

```
apt-get update #
apt-get -y install foo # "foo"
```

- foo

```
apt-get remove foo # "foo"
apt-get -y autoremove foo # Debian 11 "foo"
```

- foo

```
apt-get -y purge foo # "foo"
apt-get -y autoremove --purge foo # "foo"
```

- 

```
apt-get upgrade #
apt-get dist-upgrade #
```

- 

```
dpkg --get-selections
```

- "foo "

```
apt-cache show foo
```

- 

```
nano /etc/yum.repos.d
```

## ssh

- 22

```
nano /etc/ssh/sshd_config      # sshd_config
#port 22                      # 1
port 22                       # 2  " #"
```

- 1

```
Include /etc/ssh/sshd_config.d/*.conf
#Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::
```

- 2

```
Include /etc/ssh/sshd_config.d/*.conf
Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::
```

- root

```
#PermitRootLogin prohibit-password # 3
PermitRootLogin yes                # 4  " #" "yes" "prohibit-password"

#PasswordAuthentication yes        #
PasswordAuthentication yes         #  " #" 5
```

- 3

```
#LoginGraceTime 2m
#PermitRootLogin prohibit-password
#StrictModes yes
```

- 4

```
#LoginGraceTime 2m
PermitRootLogin yes
#StrictModes yes
```

- 5

```
PasswordAuthentication yes
```

- nan Ctrl + X "y" 6 " " 7

- 6

```
GNU nano 5.4 /etc/ssh/sshd_config *
# $OpenBSD: sshd_config,v 1.103 2018/04/09 20:41:22 tj Exp $

# This is the sshd server system-wide configuration file. See
# sshd_config(5) for more information.

# This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin

# The strategy used for options in the default sshd_config shipped with
# OpenSSH is to specify options with their default value where
# possible, but leave them commented. Uncommented options override the
# default value.

Include /etc/ssh/sshd_config.d/*.conf

Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::

#HostKey /etc/ssh/ssh_host_rsa_key
File Name to Write: /etc/ssh/sshd_config
^G Help      M-D DOS Format  M-A Append     M-B Backup File
^C Cancel    M-M Mac Format  M-P Prepend    ^T Browse
```

○ 7

```
root@H101:~# nano /etc/ssh/sshd_config
root@H101:~#
```

- sshd

```
systemctl restart sshd
```

## Docker

- 

```
curl -fsSL https://get.docker.com | bash -s docker --mirror Aliyun
```

- 

```
apt-get purge docker-ce
```

- 

```
rm -rf /var/lib/docker
```

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