Table Of Contents

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Home > Faq > Linux

Linux command to remove virtual interfaces or network aliases

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Q. How do I remove virtual interfaces such as eth0:1 or eth1:1?

A. Use ifconfig command. It is used to remove virtual interfaces or network aliases.

Ifconfig is used to configure the kernel-resident network interfaces. It is used at boot time to set up interfaces as necessary. After that, it is usually only needed when debugging or when system tuning is needed.

[1]

Type the command to remove eth0:1:

```
# ifconfig eth0:1 down
```

/etc/sysconfig/network-scripts/ifcfg-ethX-range0 file

To remove interface permanently edit network configuration file stored at **/etc**/directory. For Red Hat / Fedora Core file stored in /etc/sysconfig/network-scripts/ directory. For Debian or Ubuntu Linux just edit file /etc/network/interfaces and remove the entries. For example open file called /etc/sysconfig/network-scripts/ifcfg-eth1-range0

```
# vi /etc/sysconfig/network-scripts/ifcfg-eth0-range0
```

You will see network aliases configuration:

```
IPADDR_START=192.167.1.5
IPADDR_END=192.167.1.100
CLONENUM_START=0
NETMASK=255.255.255.0
```

Just comment out everything or just rename the file:

```
# mv /etc/sysconfig/network-scripts/ifcfg-eth0-range0 /etc/sysconfig/network-
scripts/working.ifcfg-eth0-range0.backup
```

Just restart network service:

```
# service network restart
```

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