

How To Disable IPv6 on Linux/Ubuntu?

IPv6 is the most recent version of the internet protocol (IP) designed to eliminate the long-anticipated address exhaustion problem of IPv4. In order to disable IPv6 on Linux/Ubuntu, please follow the steps below:

1 Open Terminal

2 Enter

```
gksudo gedit /etc/sysctl.conf
```

and open the configuration file and add the following lines at the end

```
net.ipv6.conf.all.disable_ipv6 = 1
```

```
net.ipv6.conf.default.disable_ipv6 = 1
```

```
net.ipv6.conf.lo.disable_ipv6 = 1
```

3 After that run

```
$ cat /proc/sys/net/ipv6/conf/all/disable_ipv6
```

If it reports '1' means you have disabled IPV6. If it reports '0' then please follow Step 4 and Step 5.

4 Type command

```
sudo sysctl -p
```

you will see this in terminal.

```
net.ipv6.conf.all.disable_ipv6 = 1
```

```
net.ipv6.conf.default.disable_ipv6 = 1
```

```
net.ipv6.conf.lo.disable_ipv6 = 1
```

5 Repeat above "Step 3" and it will now report 1.

Learn more about [What is IPv6 Address?](#)