

# Managing Ubuntu Server 20.04

Anything related to managing Ubuntu Server 20.04

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# Disabling IPv6 address on Ubuntu 20.04 LTS Focal Fossa step by step instructions

**Objective:** To disable ipv6 where it is persistent among reboots

In case you need more permanent solution to disable IPv6 even after system reboot follow the steps below:

## **STEP 1:**

As an administrative user open up the `/etc/default/grub` file using your favorite text editor and make to following changes:

```
FROM:  
GRUB_CMDLINE_LINUX_DEFAULT=""  
TO:  
GRUB_CMDLINE_LINUX_DEFAULT="ipv6.disable=1"
```

## **STEP 2:**

Once ready update Grub menu:

```
$ sudo update-grub
```

In case you need to re-enable the IPv6 network addresses simply remove the `ipv6.disable=1` from the `/etc/default/grub` file and run the `update-grub` command.

# Removing cloud-init from Ubuntu 20.04

**Objective:** To disable or remove cloud-init from your ubuntu 20.04 Server

## **Method 1:** *Disable cloud-init from file*

This is the safest and the easiest method. We only need to create `cloud-init.disabled` file in `/etc/cloud` directory and reboot the system.

- To create empty file, issue this comand:

```
sudo touch /etc/cloud/cloud-init.disabled
```

- and reboot:

```
init 6
```

## **Method 2:** *Remove cloud-init package and folder*

This last method is not disabling cloud-init but completely removing cloud-init package from your Ubuntu Server machine.

- Remove cloud-init package completely

```
sudo apt purge cloud-init -y
```

- Remove /etc/cloud folder

```
sudo rm -rf /etc/cloud && sudo rm -rf /var/lib/cloud/
```

- Reboot the system

```
init 6
```

You will see that boot time has dramatically decreased.