**Kernel Version**

### uname Command

### uname -r

op-:

3.10.0-957.21.2

\* **3** – This is the **main kernel** **version**

\* **.10** – This is the **major release** **version**

**\* .0 –** This is the **minor revision** **level**

\* **-957** – This is th e **level of patches and bug fixes**

**# Options**

* **-a** – Display **all information**
* **-o** – Display the **operating system** (usually GNU/Linux)
* **-r** – Display **kernel release**
* **-v** – Display **kernel version** (usually includes the base OS and time the kernel was compiled)

1. **Hostnamectl**

Op-:

yogesh@yogesh6:~$ hostnamectl

Static hostname: yogesh6

Icon name: computer-vm

Chassis: vm

Machine ID: 7f1a2fc70b844d0a913e1513b5be778b

Boot ID: 156cb87f5e9a433ab2cca9d6e3262262

Virtualization: oracle

Operating System: Ubuntu 20.04 LTS

Kernel: Linux 5.4.0-29-generic

Architecture: x86-64

**C . cat /proc/version**

op-:

Linux version 5.4.0-29-generic (buildd@lgw01-amd64-035) (gcc version 9.3.0 (Ubuntu 9.3.0-10ubuntu2)) #33-Ubuntu SMP Wed Apr 29 14:32:27 UTC 2020

**d .dmesg | grep Linux**

The **dmesg** command is used to print the message buffer of the kernel. This is usually used to read messages from device drivers, but it can also be used to find the kernel version.

**op-:**

0.000000] Linux version 5.4.0-29-generic (buildd@lgw01-amd64-035) (gcc version 9.3.0 (Ubuntu 9.3.0-10ubuntu2)) #33-Ubuntu SMP Wed Apr 29 14:32:27 UTC 2020 (Ubuntu 5.4.0-29.33-generic 5.4.30)