

They query which are in red if you keep mainly that in mind the installation will be done easily

1. Before you begin with installing KVM, check if your CPU supports hardware virtualization:

```
egrep -c '(vmx|svm)' /proc/cpuinfo
```

2. Now, check if your system can use KVM acceleration by typing:

```
sudo kvm-ok
```

If kvm-ok returns an error stating KVM acceleration cannot be used, try solving the problem by installing cpu-checker.

3. To install cpu-checker, run the following command:

```
sudo apt install cpu-checker
```

4. When the installation completes, restart the terminal.

You are now ready to start installing KVM

First, update the repositories:

```
sudo apt update
```

Then, install essential KVM packages with the following command:

```
sudo apt install qemu-kvm libvirt-daemon-system libvirt-clients bridge-utils
```

When prompted, type Y, press ENTER, and wait for the installation to finish

Verify the Installation

Confirm the installation was successful by using the virsh command:

```
virsh list --all
```

Install virt-manager, a tool for creating and managing VMs:

```
sudo apt install virt-manager
```

Start virt-manager with:

```
sudo virt-manager
```