Module 3

Linux server - Configure local storage Assignment

* What is local storage

Ans: The storage device are either installed on the system or directly attached to the system.

* /dev/sda

Ans: /dev/sda is the first hard drive found.

* /dev/sdb

Ans: /dev/sdb is the second hard drive found by sd bus driver when the system boots up.

* /dev/sda1

Ans: represent the bios boot partition.

* /dev/sda2

Ans: represent the EFI system.

* /dev/vda

Ans: uses drovers like virtio, which communicate only the essentialsto the hypervisor.

* /dev/vda1

Ans: Virtual disk refering to real disk.

* What is the use of “df “command?

Ans: to show the disk space used in the file system.

* From which command we get UUID of file system?

Ans: /etc/fstab.

* Which command is used to create MBR partition?

Ans: mklabel msdos.

* Which command is used to create GPT partition?

Ans: mklabel and mlktable.

* What is sda, sdb, sdc, sdb1, sdb2, sdb3?

Ans: done.

* What is the use of swap partition?

Ans: aims to make computer more capable of handling memory requests than only RAM.

* Explain LVM

Ans: LVM is use for virtualization in linux,

* Define following terms,
* PV

Ans: pv is terminal based tool that allows for the monitoring of data being sent through pipe.

* VG

Ans: vg is collection of physical volume, which creates a pool of disk space out of which logical volumes can be allocated.

* LV
* From which command we can get information about LVM status?

Ans: man lvm.