Using systemd

Note: Take a fresh machine.

1. Add one additional hard disk of **50GB**

   - Create **5 partitions** with **10GB each**. Verify the partitions using lsblk.
   - Create **3 logical volumes (25GB, 15GB and 5GB)**.
   - Note: create the required PV and VG configurations.
   - Format these LVs with **XFS** and mount them in **/disk1**, **/disk2** and **/disk3**.
   - Make sure that the **mounting persists** even after you reboot the machine. **(Note: using fstab)**

2. Remove previous hard disk and add **4** additional hard disks of **10GB** each size.

   - Create **2 logical volumes (25GB, 15GB)**
   - Note: create the required PV and VG configurations.
   - Format these LVs with **ext4** and mount them in **/disk1**, **/disk2**
   - Make sure that the **mounting persists** even after you reboot the machine. **(Note: mount using _systemd_, do not use _mount_ command)**