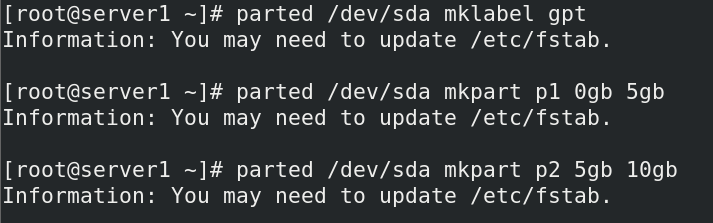
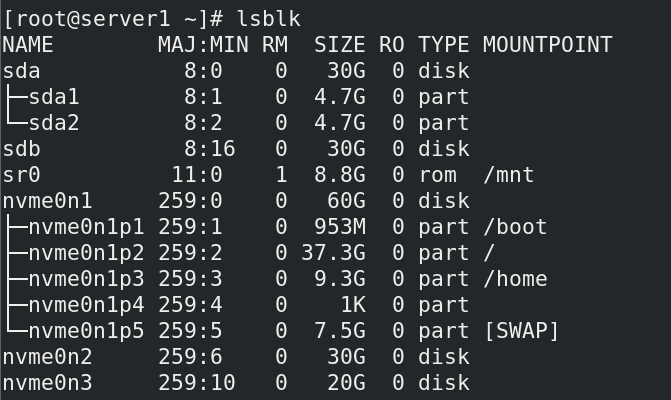
**NAS Server Configuration using NFS Protocol**

**On Server Side**

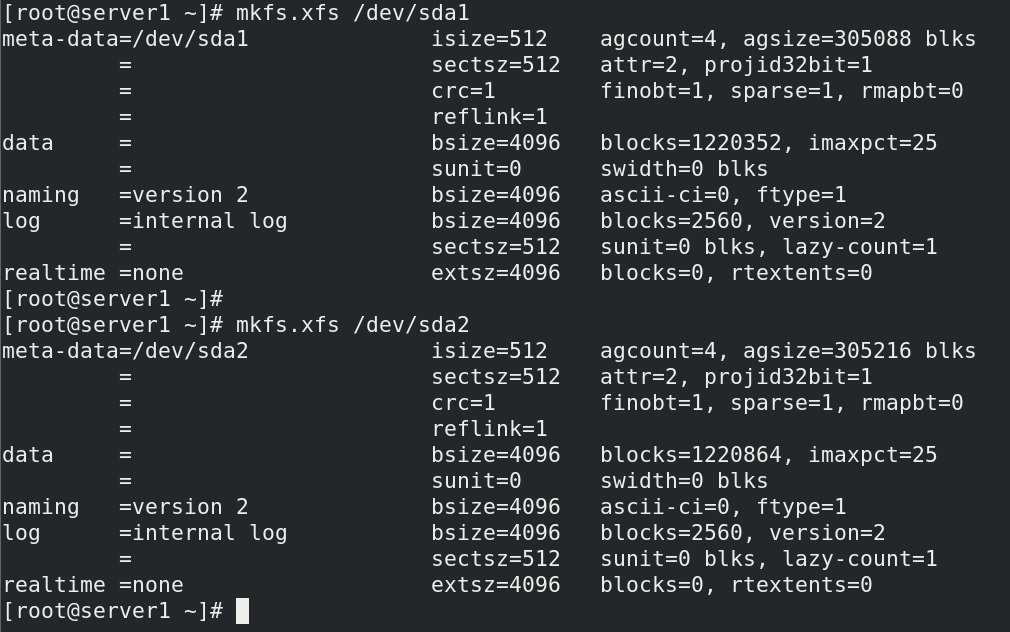
* **Assign a GPT style Partition table to the HDD & start creating partitions into it.**

****

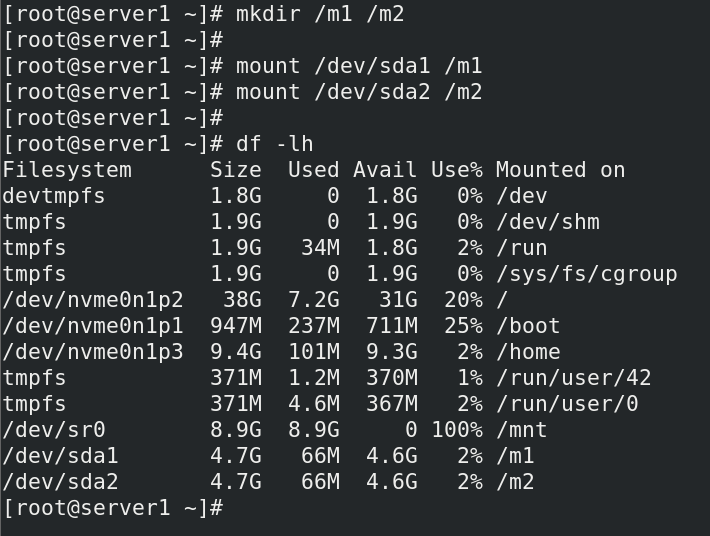
* **Verify if the disk partitions are created perfectly.**

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* **Format the Appropriate Disk Partitions for data storage purpose.**

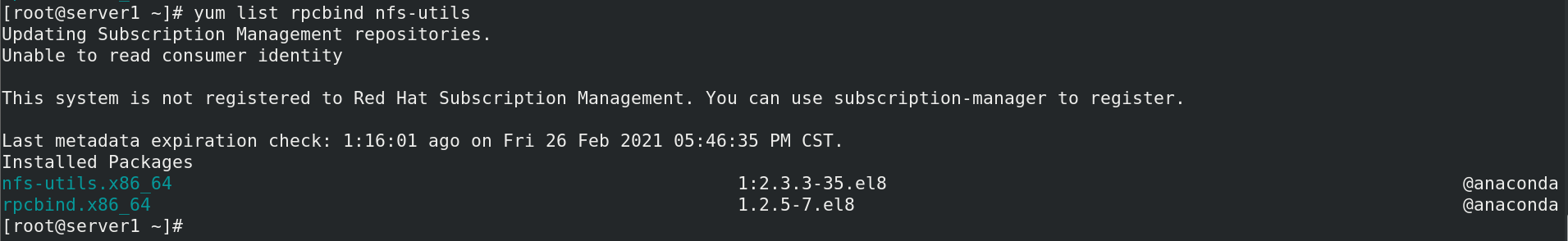
****

* **Create 2 new folders that will act as mount point for our disk partitions. After that, mount these partitions onto respective mount points. Also Verify for the same.**

****

* **Now check if the following packages are available for configuration of NFS server**

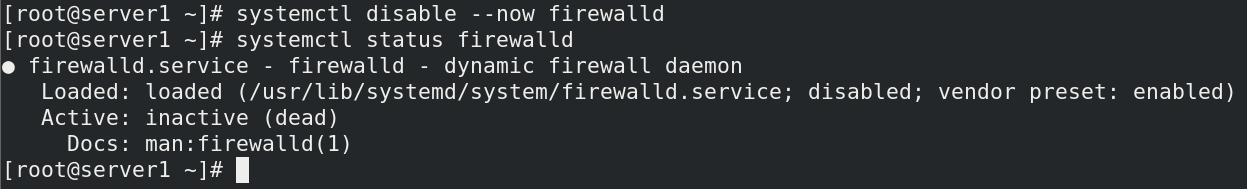
**(rpcbind, nfs-utils). If not present download the following packages.**

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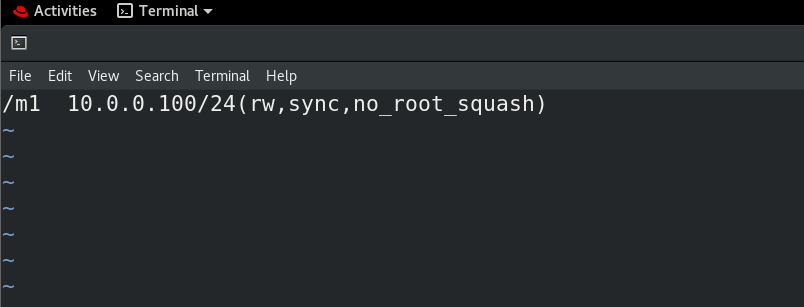
* **Now enable the following services to bring NFS Server into action**

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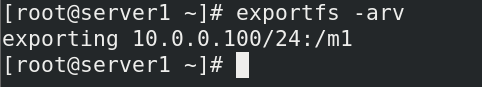
* **Now disable the Firewall since NFS server uses random port numbers & also check the status of the firewall.**

****

* **Edit the /etc/exports file & write the folder (mount point) that you want to share in the network along with client IP address whom you want to export this folder.**

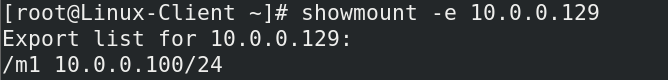
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* **This is one of the important steps, now execute a command to export the local mounted directory to NFS clients in the network.**

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**On Client Side**

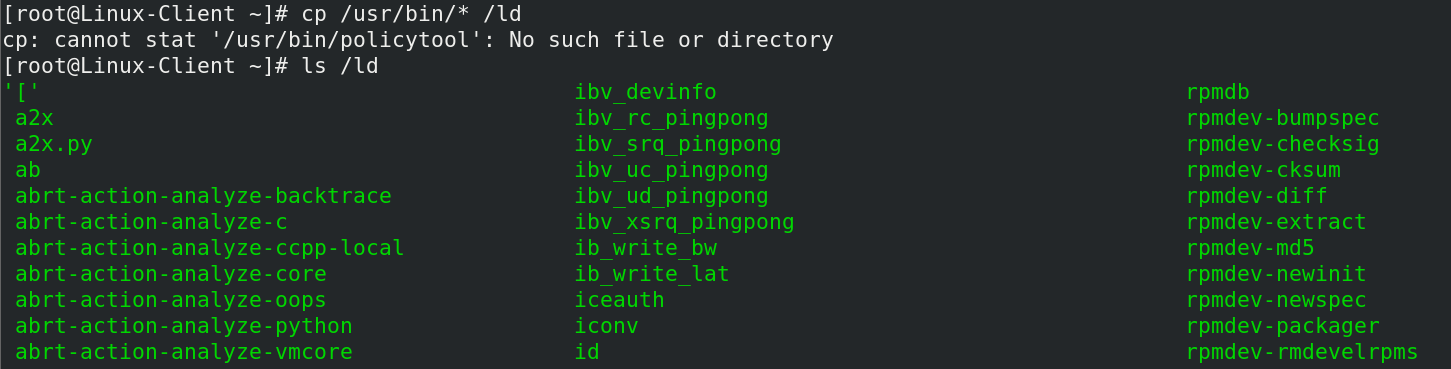
* **Now execute a command, that will show all the exported folders by the NFS server**

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* **Perform NFS mounting in order to mount exported directory onto local directory.**

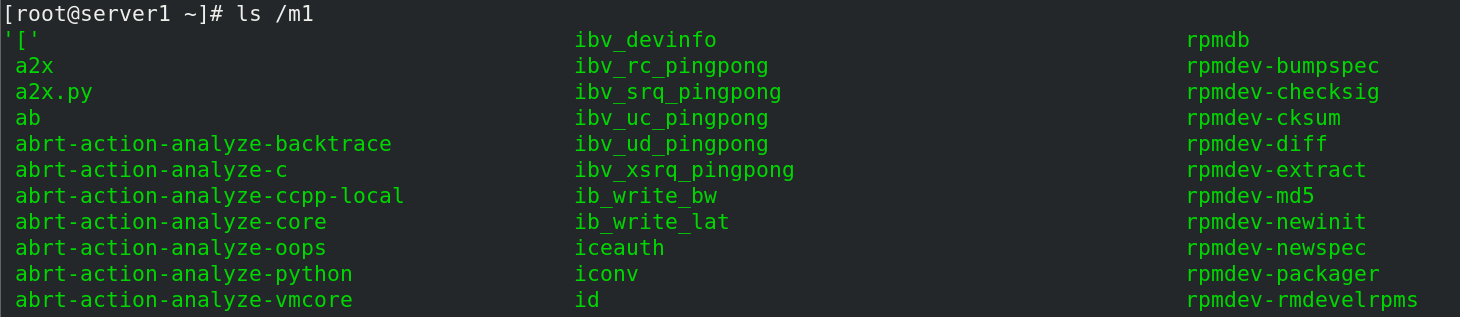
****

* **Add some data into this local Directory (mount point), also verify it for the same.**

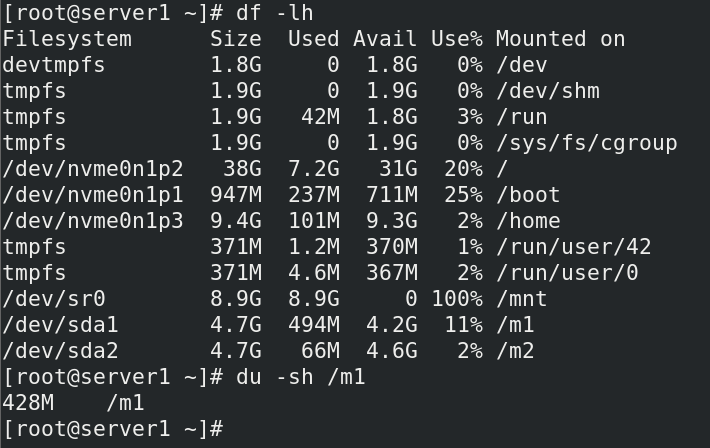
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**On Server Side**

* **Verify the same data is replicated into /m1 folder that was copied in /ld folder.**

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* **Verify & print the storage used by m1.**

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