

Hard Disk Information - 8GB Partition

Disk /dev/mapper/centos-swap: 859 MB, 859832320 bytes, 1679360 sectors
[[root@172_20_147_71 ~]# fdisk -l

Disk /dev/sda: 8589 MB, 8589934592 bytes, 16777216 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x000dcc78

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	2048	2099199	1048576	83	Linux
/dev/sda2		2099200	16777215	7339008	8e	Linux LVM

Disk /dev/mapper/centos-root: 6652 MB, 6652166144 bytes, 12992512 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk /dev/mapper/centos-swap: 859 MB, 859832320 bytes, 1679360 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes

The VM is using DHCP Protocol and getting assigned the following IP Address

```
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
  inet 172.20.147.71 netmask 255.255.0.0 broadcast 172.20.255.255
  inet6 fe80::8fce:d984:afc1:54ac prefixlen 64 scopeid 0x20<link>
  ether 08:00:27:92:fd:ce txqueuelen 1000 (Ethernet)
  RX packets 129872 bytes 191901007 (183.0 MiB)
  RX errors 0 dropped 0 overruns 0 frame 0
  TX packets 14862 bytes 1059807 (1.0 MiB)
  TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
  inet 127.0.0.1 netmask 255.0.0.0
  inet6 ::1 prefixlen 128 scopeid 0x10<host>
  loop txqueuelen 1 (Local Loopback)
  RX packets 956 bytes 82736 (80.7 KiB)
  RX errors 0 dropped 0 overruns 0 frame 0
  TX packets 956 bytes 82736 (80.7 KiB)
  TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

FileSystem Type - XFS

```
[[root@172_20_147_71 ~]# df -T
```

Filesystem	Type	1K-blocks	Used	Available	Use%	Mounted on
/dev/mapper/centos-root	xfs	6486016	1195696	5290320	19%	/
devtmpfs	devtmpfs	239192	0	239192	0%	/dev
tmpfs	tmpfs	250076	0	250076	0%	/dev/shm
tmpfs	tmpfs	250076	4516	245560	2%	/run
tmpfs	tmpfs	250076	0	250076	0%	/sys/fs/cgroup
/dev/sda1	xfs	1038336	155552	882784	15%	/boot
tmpfs	tmpfs	50016	0	50016	0%	/run/user/0

Number of node usage - 1%

Filesystem	Inodes	IUsed	IFree	IUse%	Mounted on
/dev/mapper/centos-root	3.1M	29K	3.1M	1%	/
devtmpfs	59K	361	59K	1%	/dev
tmpfs	62K	1	62K	1%	/dev/shm
tmpfs	62K	438	61K	1%	/run
tmpfs	62K	16	62K	1%	/sys/fs/cgroup
/dev/sda1	512K	333	512K	1%	/boot
tmpfs	62K	1	62K	1%	/run/user/0

Block Information

```
File: "/dev/sda"  
ID: 0      Namelen: 255      Type: tmpfs  
Block size: 4096      Fundamental block size: 4096  
Blocks: Total: 59798      Free: 59798      Available: 59798  
Inodes: Total: 59798      Free: 59437
```

df command for disk usage

```
[root@172_20_147_71 ~]# df
```

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
/dev/mapper/centos-root	6486016	1195696	5290320	19%	/
devtmpfs	239192	0	239192	0%	/dev
tmpfs	250076	0	250076	0%	/dev/shm
tmpfs	250076	4516	245560	2%	/run
tmpfs	250076	0	250076	0%	/sys/fs/cgroup
/dev/sda1	1038336	155552	882784	15%	/boot
tmpfs	50016	0	50016	0%	/run/user/0