

## 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

## Free Memory, Buffer and Cache Info

MemTotal:	500152	kB
MemFree:	62824	kB
MemAvailable:	349880	kB
Buffers:	4172	kB
Cached:	261840	kB
SwapCached:	916	kB
Active:	146948	kB
Inactive:	189164	kB
Active(anon):	16200	kB
Inactive(anon):	57096	kB
Active(file):	130748	kB
Inactive(file):	132068	kB
Unevictable:	0	kB
Mlocked:	0	kB
SwapTotal:	839676	kB
SwapFree:	835488	kB
Dirty:	0	kB
Writeback:	0	kB
AnonPages:	69388	kB
Mapped:	18528	kB
Shmem:	3196	kB
Slab:	70448	kB
SReclaimable:	37380	kB
SUnreclaim:	33068	kB
KernelStack:	1600	kB
PageTables:	4320	kB
NFS_Unstable:	0	kB
Bounce:	0	kB
WritebackTmp:	0	kB
CommitLimit:	1089752	kB
Committed_AS:	285972	kB
VmallocTotal:	34359738367	kB
VmallocUsed:	4720	kB
VmallocChunk:	34359720816	kB
HardwareCorrupted:	0	kB
AnonHugePages:	0	kB
HugePages_Total:	0	
HugePages_Free:	0	
HugePages_Rsvd:	0	
HugePages_Surp:	0	
Hugepagesize:	2048	kB
DirectMap4k:	44992	kB
DirectMap2M:	479232	kB



# DNS Address

```
[root@172_20_147_71 ~]# cat /etc/resolv.conf
# Generated by NetworkManager
search cloudwick.local local
nameserver 172.20.0.1
```

# Default Gateway

```
default via 172.20.0.1 dev enp0s3 proto static metric 100
```



## Running Process

```
[root@172_20_147_71 ~]# ps aux
```

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	1.1	46012	5744	?	Ss	13:04	0:02	/usr/lib/systemd/systemd --system --deserialize 17
root	2	0.0	0.0	0	0	?	S	13:04	0:00	[kthreadd]
root	3	0.0	0.0	0	0	?	S	13:04	0:00	[ksoftirqd/0]
root	5	0.0	0.0	0	0	?	S<	13:04	0:00	[kworker/0:0H]
root	6	0.0	0.0	0	0	?	S	13:04	0:01	[kworker/u2:0]
root	7	0.0	0.0	0	0	?	S	13:04	0:00	[migration/0]
root	8	0.0	0.0	0	0	?	S	13:04	0:00	[rcu_bh]
root	9	0.0	0.0	0	0	?	R	13:04	0:00	[rcu_sched]
root	10	0.0	0.0	0	0	?	S	13:04	0:00	[watchdog/0]
root	12	0.0	0.0	0	0	?	S	13:04	0:00	[kdevtmpfs]
root	13	0.0	0.0	0	0	?	S<	13:04	0:00	[netns]
root	14	0.0	0.0	0	0	?	S	13:04	0:00	[khungtaskd]
root	15	0.0	0.0	0	0	?	S<	13:04	0:00	[writeback]
root	16	0.0	0.0	0	0	?	S<	13:04	0:00	[kintegrityd]

## Kernel OS Version

```
[root@172_20_147_71 ~]# cat /proc/version  
Linux version 3.10.0-693.el7.x86_64 (builder@kbuilder.dev.centos.org) (gcc version 4.8.5 20150623 (Red Hat 4.8.5-16) (GCC) ) #1 SMP Tue Aug 22 21:09:27 UTC 2017
```