

## Task : Installation of Oracle on EC2

### Prepare the OS install the required RPMS's

```
yum install wget zip unzip -y
yum update -y
yum install -y oracle-database-preinstall-19c
```

**Add EBS Storage for Oracle Installation - Optional , this need to be perform if Storage is not available in Base Machine. Steps are below;**

Go to the EC2 Dashboard ---> EBS --->Create Volume --Right Click and attached the value

```
[root@ip-10-0-2-220 ~]# lsblk
NAME        MAJ:MIN RM SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   3G  0 disk
└─xvda1     202:1    0   3G  0 part /
xvdf        202:80   0  20G  0 disk
```

```
[root@ip-10-0-2-220 ~]# file -s /dev/xvdf
/dev/xvdf: data
```

```
[root@ip-10-0-2-220 ~]# mkfs -t xfs /dev/xvdf
meta-data=/dev/xvdf          isize=512  agcount=4, agsize=1310720 blks
        =                   sectsz=512  attr=2, projid32bit=1
        =                   crc=1      finobt=1, sparse=1, rmapbt=0
        =                   reflink=1   bigtime=0 inobtcount=0
data      =                   bsize=4096  blocks=5242880, imaxpct=25
        =                   sunit=0    swidth=0 blks
naming    =version 2          bsize=4096  ascii-ci=0, ftype=1
log       =internal log      bsize=4096  blocks=2560, version=2
        =                   sectsz=512  sunit=0 blks, lazy-count=1
realtime  =none              extsz=4096  blocks=0, rtextents=0
```

```
[root@ip-10-0-2-220 ~]#
```

```
[root@ip-10-0-2-220 ~]# file -s /dev/xvdf  
/dev/xvdf: SGI XFS filesystem data (blksz 4096, inosz 512, v2 dirs)
```

Create directory --> `mkdir /oracle`

```
mount /dev/xvdf /oracle
```

**FTP Oracle DUMP from local system to EC2**

**Oracle Software Installation**

[IndianDBA](#)

**Database Creation (DBCA)**

Check the Firewall Status:

```
systemctl start firewalld.service
```

Allow listener port in firewall

```
firewall-cmd --permanent --add-port=1521/tcp
```

```
firewall-cmd --reload
```