

1. Create three instance

Linux->in zone 1b / Redhat-> in zone 1a / Ubuntu -> in zone 1a

All have same key-pair and sg(nfs 2049 0.0.0/0, http,custom tcp,ssh).

2. Linux:

```
sudo su -  
cat /etc/os-release  
rpmquery nfs-utils.
```

3. Redhat:

```
sudo su -  
cat /etc/os-release  
yum install nfs-utils -y  
rpmquery nfs-utils.
```

4. ubuntu:

```
sudo su -  
cat /etc/os-release  
apt update  
apt install nfs-common  
rpmquery nfs-utils.
```

AWS:

Search ->efs ->create efs - > give name as(EFS-VOL-MUM) -> create.

Select efs-> click on file system id -> go to networks -> manage -> add security group which has assigned to all instance -> save.

Select that efs -> view details -> attach -> Mount via ip -> select zone according to instance zone -> copy the nfs client url

In linux terminal:

```
mkdir /nfs-data  
(nfs client url and remove last efs from that url) /nfs-data/  
e.g(sudo mount -t nfs4 -o  
nfsvers=4.1,rsz=1048576,wsz=1048576,hard,timeo=600,retrans=2,noresvport  
172.31.41.3:/ /efs-data-mumbai/)  
cd /nfs-data  
touch Vivek.txt{1..100}  
df -h
```

in redhat terminal:

```
mkdir /nfs-data-redhat
```

```
url / nfs-data-redhat
```

```
touch redhat.txt{1..10}
```

```
cd / nfs-data-redhat
```

in ubuntu terminal:

```
mkdir /nfs-data-ubuntu
```

```
url / nfs-data-ubuntu
```

```
touch ubuntu.txt{1..10}
```

```
cd / nfs-data- ubuntu
```