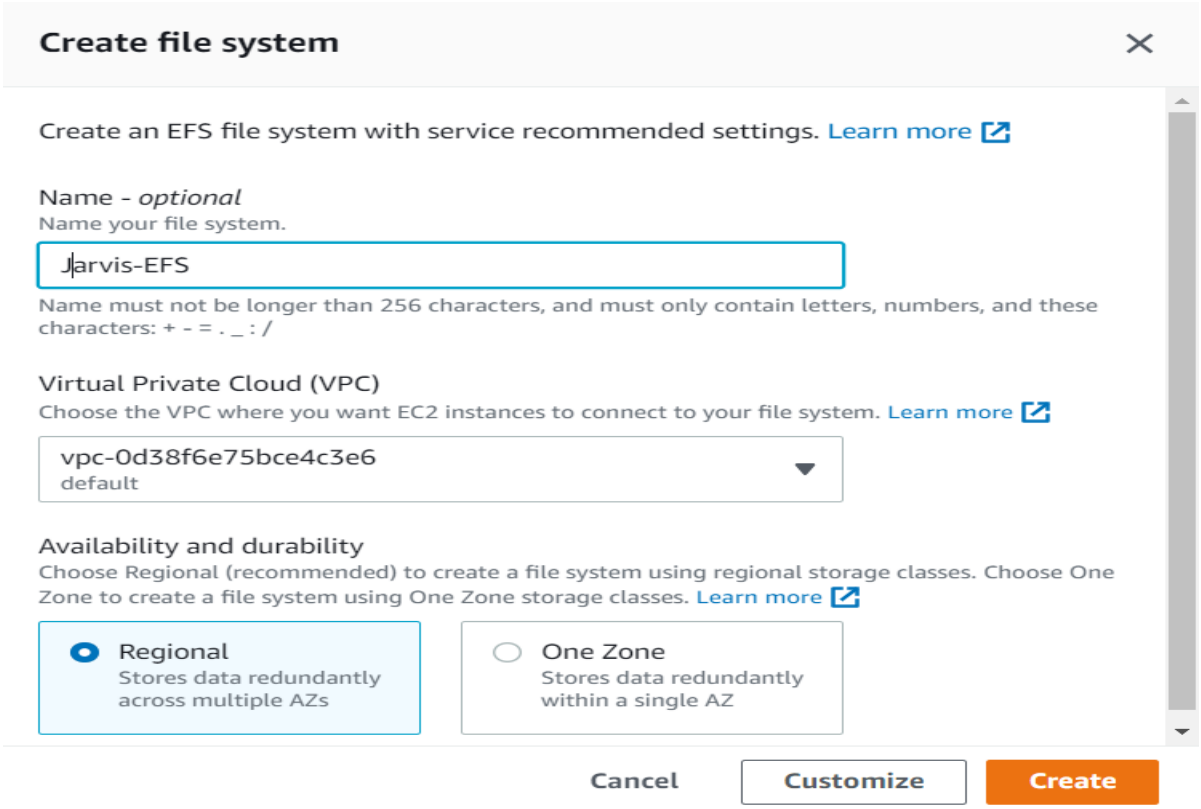
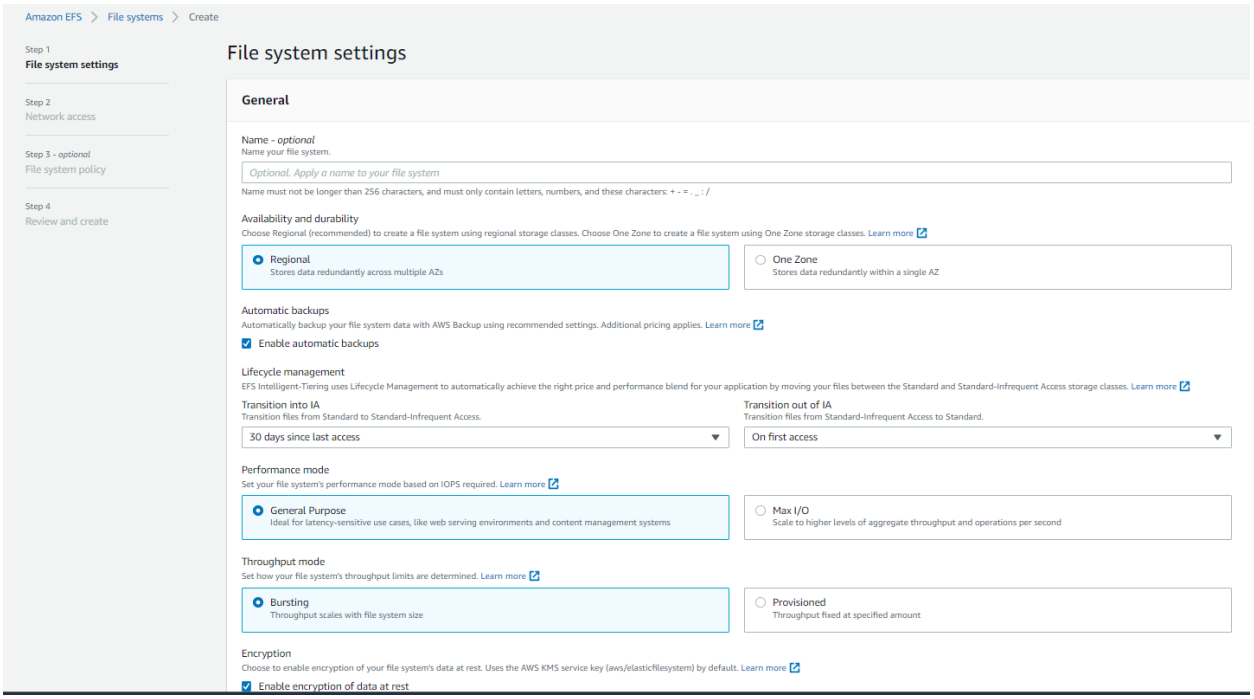
Step 1 - Firstly create EFS from AWS EFS service BY Default……

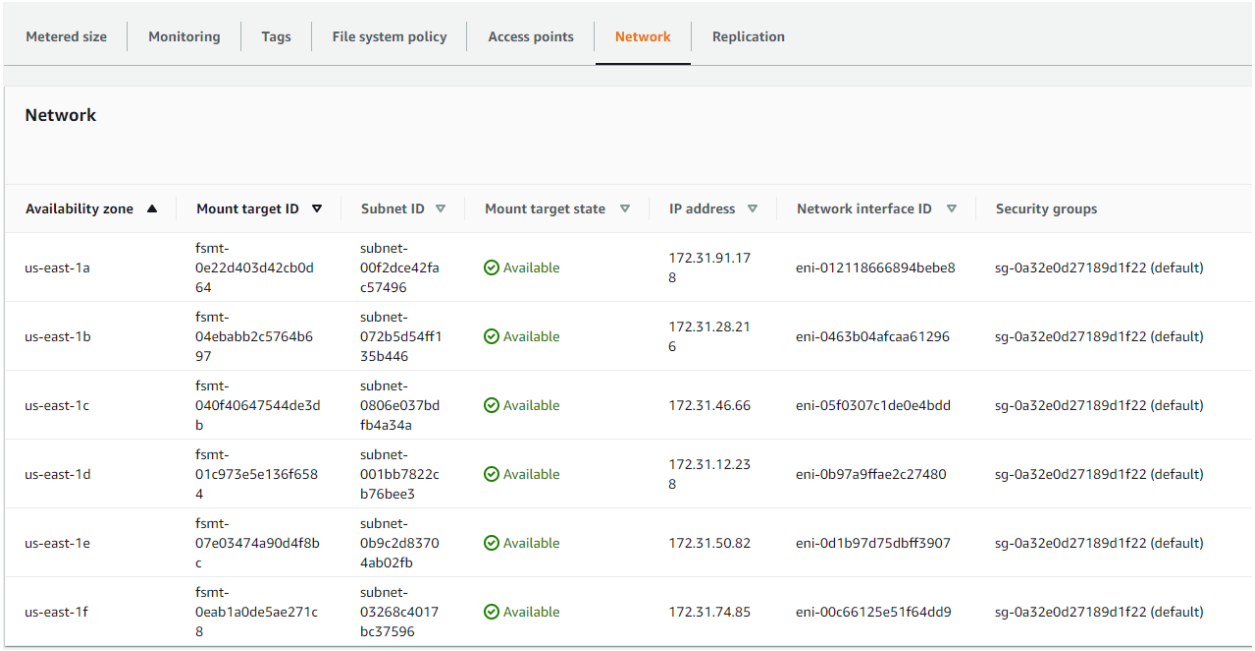


OR

Create EFS from AWS EFS service BY Customized

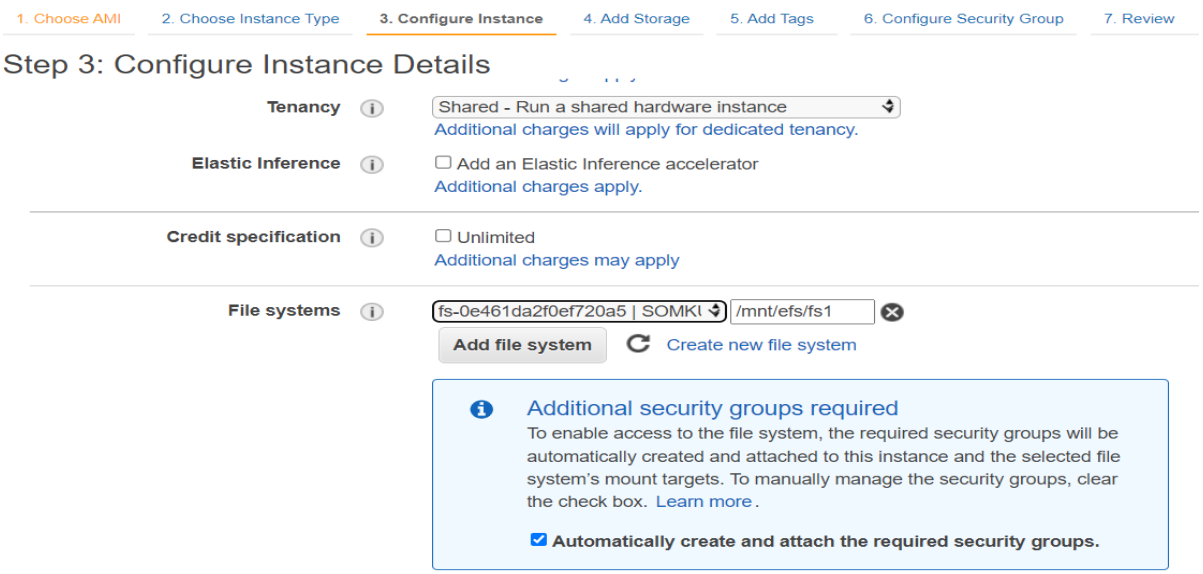


Wait till in Jarvis-EFS→ Network→ "ALL Mount Target is Available"



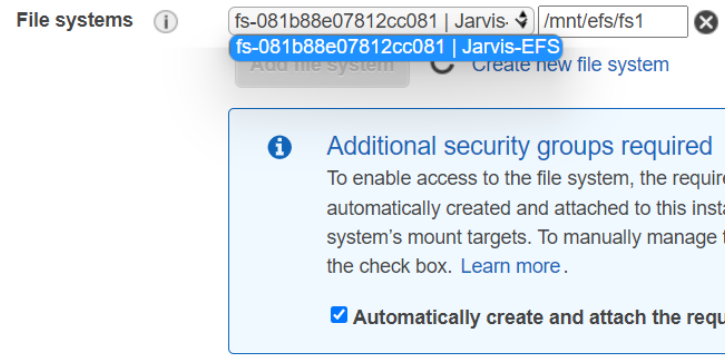
Availability zone	Mount target ID	Subnet ID	Mount target state	IP address	Network interface ID	Security groups
us-east-1a	fsmt-0e22d403d42cb0d64	subnet-00f2dce42fac57496	Available	172.31.91.178	eni-012118666894bebe8	sg-0a32e0d27189d1f22 (default)
us-east-1b	fsmt-04ebabb2c5764b697	subnet-072b5d54ff135b446	Available	172.31.28.216	eni-0463b04afcaa61296	sg-0a32e0d27189d1f22 (default)
us-east-1c	fsmt-040f40647544de3db	subnet-0806e037bdfb4a34a	Available	172.31.46.66	eni-05f0307c1de0e4bdd	sg-0a32e0d27189d1f22 (default)
us-east-1d	fsmt-01c973e5e136f6584	subnet-001bb7822cb76bee3	Available	172.31.12.238	eni-0b97a9ffae2c27480	sg-0a32e0d27189d1f22 (default)
us-east-1e	fsmt-07e03474a90d4f8bc	subnet-0b9c2d83704ab02fb	Available	172.31.50.82	eni-0d1b97d75dbff3907	sg-0a32e0d27189d1f22 (default)
us-east-1f	fsmt-0eab1a0de5ae271c8	subnet-03268c4017bc37596	Available	172.31.74.85	eni-00c66125e51f64dd9	sg-0a32e0d27189d1f22 (default)

Step 2 – we can directly attach EFS while launching the ec2 instance in {3rd stage instance configuration}



Create a instance and Attach file system.

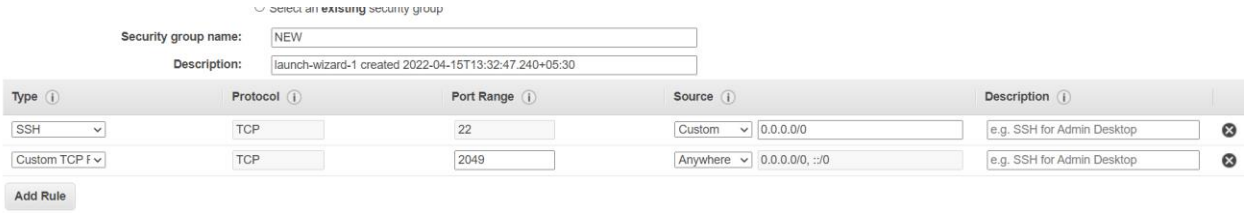
Attach File System or we can create new by default witin a min.



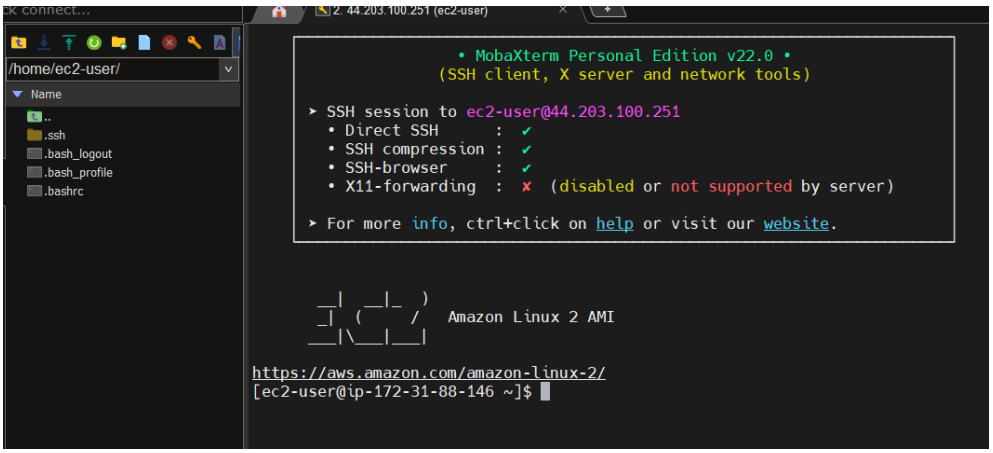
Add Security Group to instance which they have.

Inbound- Custom TCP→NFS → 2049 & SSH→ 22

Outbound- ALL Traffic →



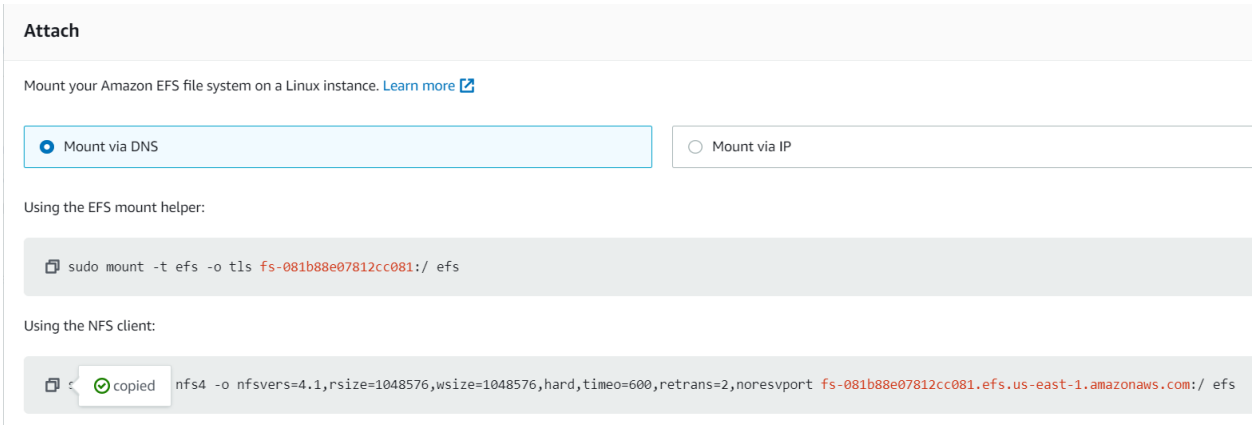
Take SSH of newly created instance.



Make directory for mounting Jarvis-EFS

```
[ec2-user@ip-172-31-88-146 ~]$ sudo mkdir /somkuwar
[ec2-user@ip-172-31-88-146 ~]$ cd /somkuwar/
[ec2-user@ip-172-31-88-146 somkuwar]$
```

Copy and paste second link NFS-Client link to mount Jarvis-EFS to our /somkuwar directory



In Last "Change the path of Mounting" efs → /somkuwar

```
[ec2-user@ip-172-31-88-146 ~]$ sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,ws
ize=1048576,hard,timeo=600,retrans=2,noresvport fs-081b88e07812cc081.efs.us-east-
1.amazonaws.com:/ /somkuwar
```

Check if Mounted or not ? (Succsesfully mounted)

```
[ec2-user@ip-172-31-88-146 ~]$ df -hT
Filesystem                                      Type      Size  Used Avail Use
% Mounted on
devtmpfs                                        devtmpfs  474M     0  474M   0
% /dev
tmpfs                                           tmpfs     483M     0  483M   0
% /dev/shm
tmpfs                                           tmpfs     483M  464K  483M   1
% /run
tmpfs                                           tmpfs     483M     0  483M   0
% /sys/fs/cgroup
/dev/xvda1                                      xfs       8.0G  1.6G  6.5G  20
% /
127.0.0.1:/                                     nfs4      8.0E     0  8.0E   0
% /mnt/efs/fs1
tmpfs                                           tmpfs      97M     0   97M   0
% /run/user/1000
fs-081b88e07812cc081.efs.us-east-1.amazonaws.com:/ nfs4   8.0E     0  8.0E   0
% /somkuwar
[ec2-user@ip-172-31-88-146 ~]$
```

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