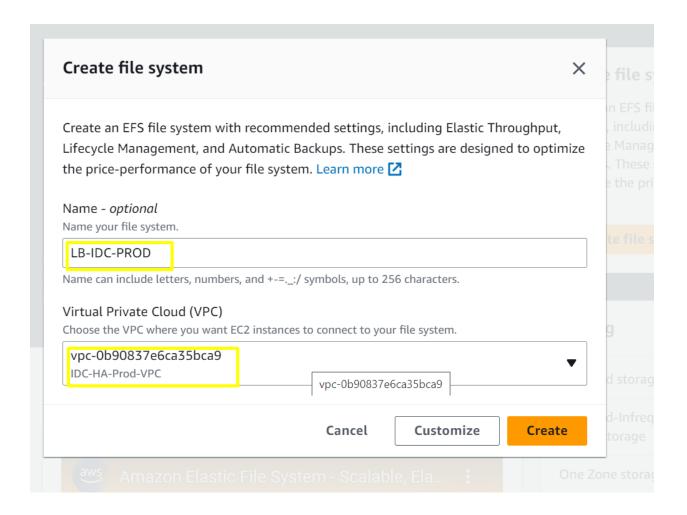
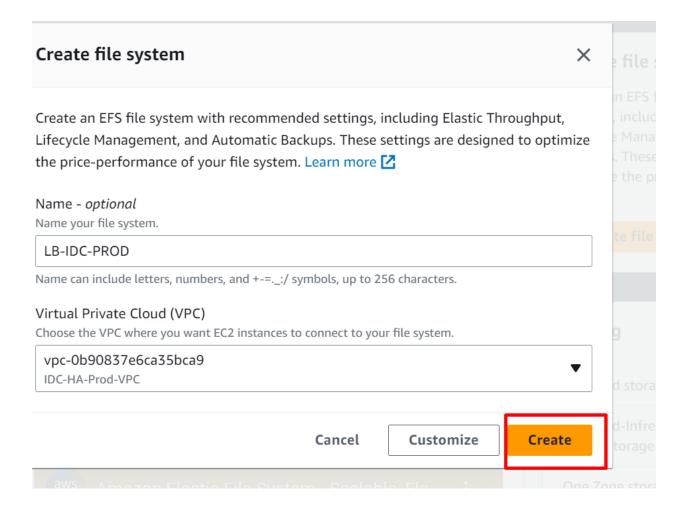
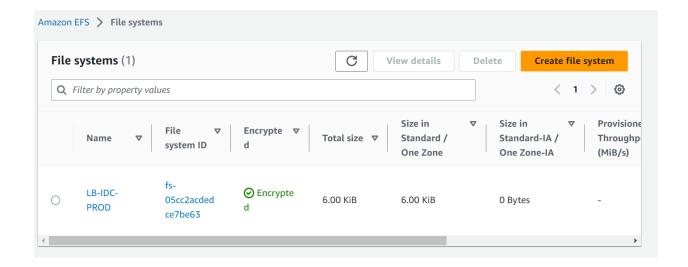
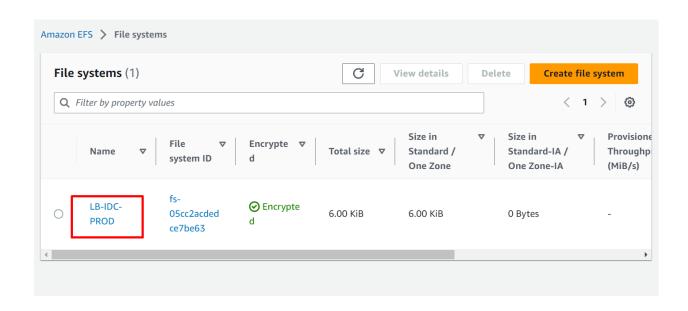
Step 1: Login to the EFS console and click on create file system

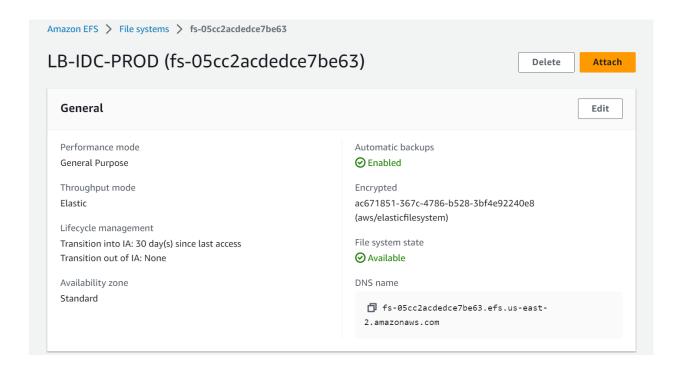


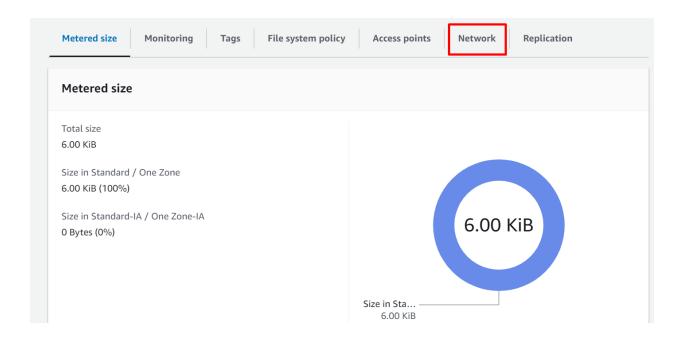


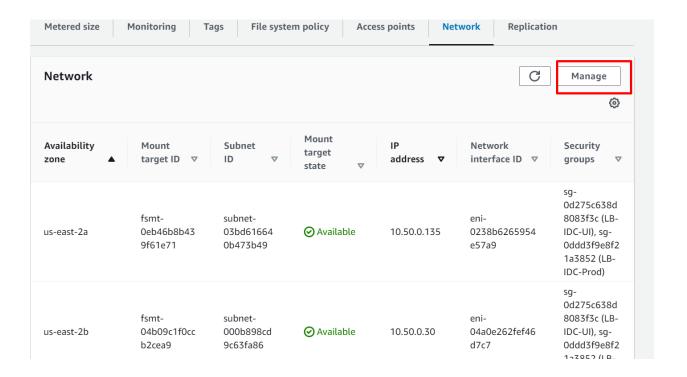












Mount targets A mount target provides an NFSv4 endpoint at which you can mount an Amazon EFS file system. We recommend creating one mount target per Availability Zone. Learn more 🛂 **Availability zone Subnet ID IP** address **Security groups** us-east-2a subnet-03bd61664C 10.50.0.135 Remove Choose securit... ▼ X 0ddd3f9e8f21a 3852 LB-IDC-Prod **■** Show more (+1) us-east-2b subnet-000b898cd9 10.50.0.30 Choose securit... Remove X sg-

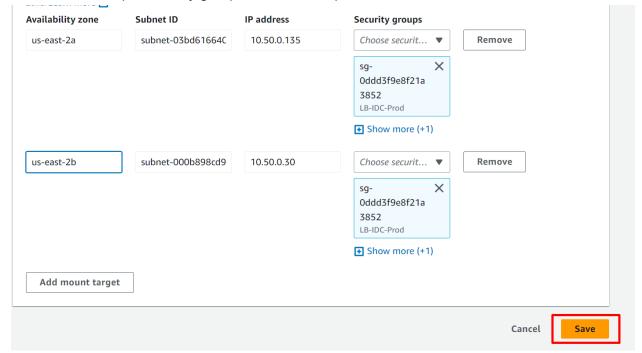
In the above screen we have already edited the security groups. But by default default security groups were mounted. We need to change the security groups.

0ddd3f9e8f21a

3852 LB-IDC-Prod

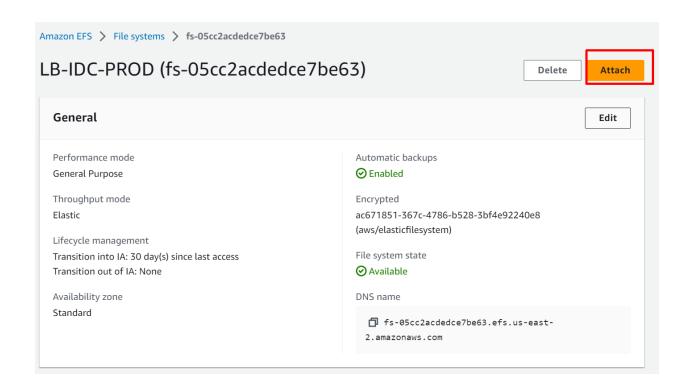
• Show more (+1)

We can add multiple security groups here for multiple instances that we mount for this efs.



```
root@ip-10-50-0-154:~# df -h
Filesystem
                      Used Avail Use% Mounted on
                Size
udev
                7.6G
                         0 7.6G
                                   0% /dev
tmpfs
                1.6G
                     788K
                           1.6G
                                   1% /run
                             35G 65% /
/dev/nvme0n1p1
                 97G
                       63G
                                   0% /dev/shm
                           7.6G
tmpfs
                7.6G
                        0
tmpfs
                5.0M
                         0
                           5.0M
                                   0% /run/lock
tmpfs
                            7.6G
                                   0% /sys/fs/cgroup
                7.6G
                         0
/dev/loop0
                 56M
                               0 100% /snap/core18/2721
                       56M
                               0 100% /snap/amazon-ssm-agent/5656
/dev/loop1
                 26M
                       26M
/dev/loop3
                               0 100% /snap/amazon-ssm-agent/6312
                 25M
                       25M
/dev/loop2
                               0 100% /snap/core/14784
                117M 117M
/dev/loop5
                               0 100% /snap/core/14946
                117M
                     117M
/dev/loop4
                               0 100% /snap/core18/2714
                 56M
                       56M
                                   0% /run/user/0
tmpfs
                1.6G
                         0 1.6G
root@ip-10-50-0-154:~#
```

ubuntu@ip-10-50-0-154:~\$ mkdir idcprod





sudo apt-get update sudo apt-get -y install git binutils git clone https://github.com/aws/efs-utils

```
root@ip-10-50-0-154:~# 1s
amazon-cloudwatch-agent.rpm amazon-cloudwatch-agent.rpm.1 amazon-cloudwatch-agent.rpm.2 efs-utils snap
root@ip-10-50-0-154:~#
```

cd efs-utils
./build-deb.sh
** in case any error occur run **sudo apt install binutils -y**sudo apt-get -y install ./build/amazon-efs-utils*deb

su ubuntu cd mkdir idcprod

```
root@ip-10-50-0-154:~# su ubuntu
ubuntu@ip-10-50-0-154:/root@ cd
ubuntu@ip-10-50-0-154:~% sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport fs-05cc2acdedce7be63.6
fs.us-east-2.amazonaws.com:/ /idcprod
```

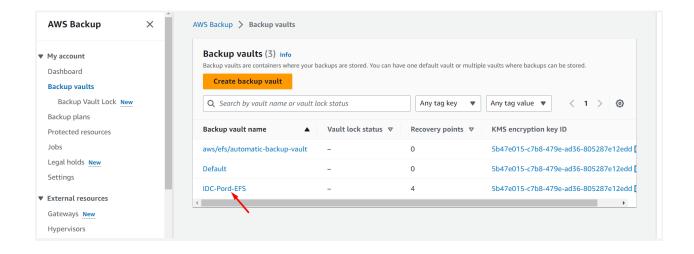
sudo vi /etc/fstab

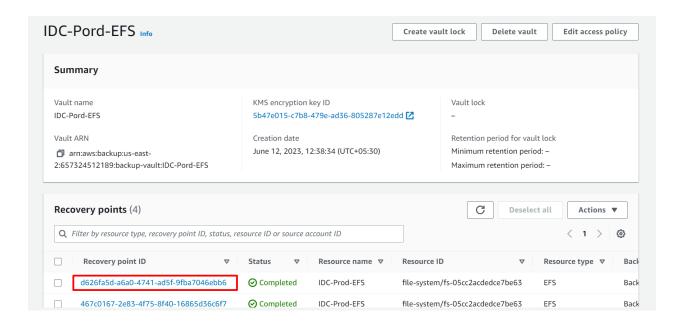
fs-05cc2acdedce7be63.efs.us-east-2.amazonaws.com://home/ubuntu/idcprod nfs4 defaults 0 0

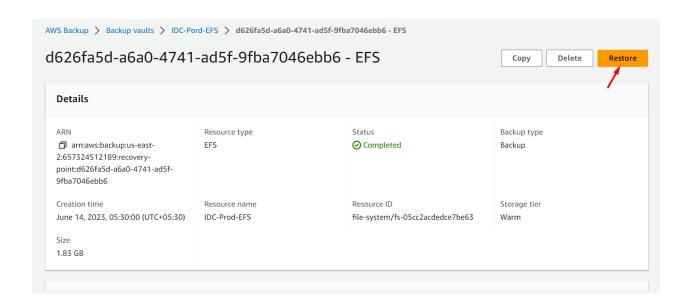
Restore an Amazon EFS file system using AWS Backups:

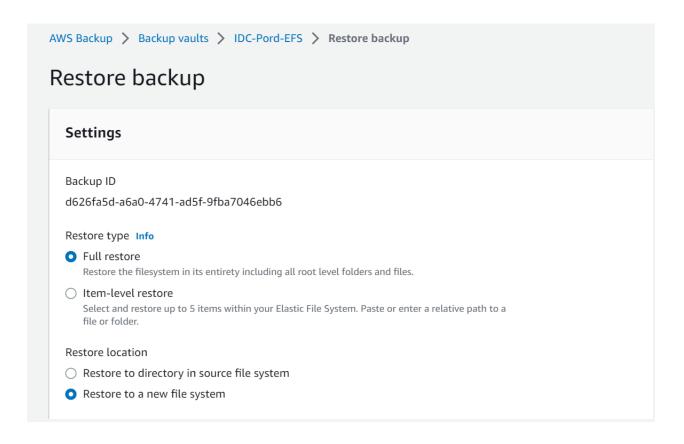
Restoring your Amazon EFS file system:

Navigate to the backup vault that was selected in the backup plan and select the latest completed backup. To restore the EFS file system, click on the recovery point ARN and select the Restore button.

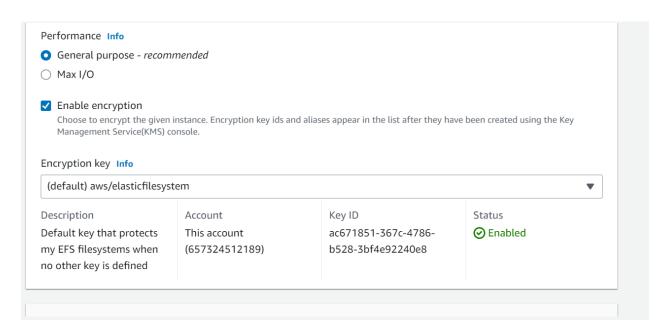


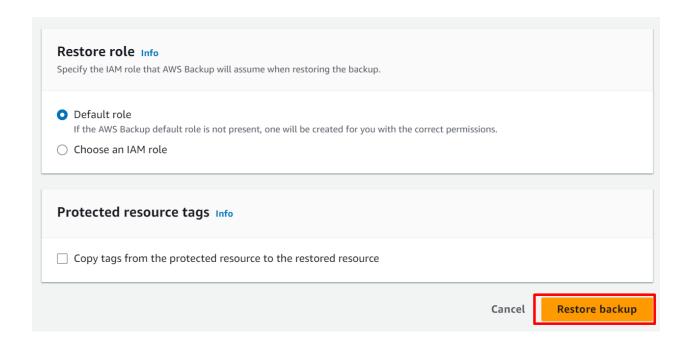






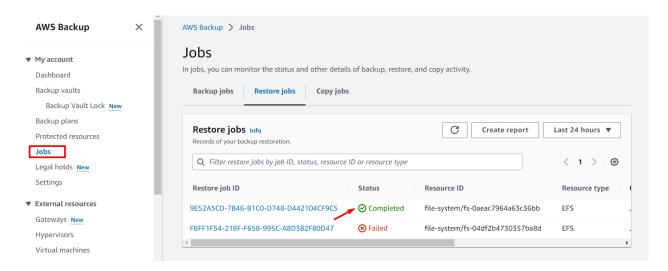
R	estore location
C	Restore to directory in source file system
C	Restore to a new file system
Fi	ile system type
	hoose Regional to restore a file system using regional storage classes. Choose One Zone to restore a file system using One Zone storage asses.
_ c	Regional - recommended
	Stores data redundantly across multiple AZs
) One Zone
	Stores data redundantly within a single AZ
P	erformance Info
C	General purpose - recommended
) Max I/O
	Enable encryption
_	Choose to encrypt the given instance. Encryption key ids and aliases appear in the list after they have been created using the Key
	Management Service(KMS) console.



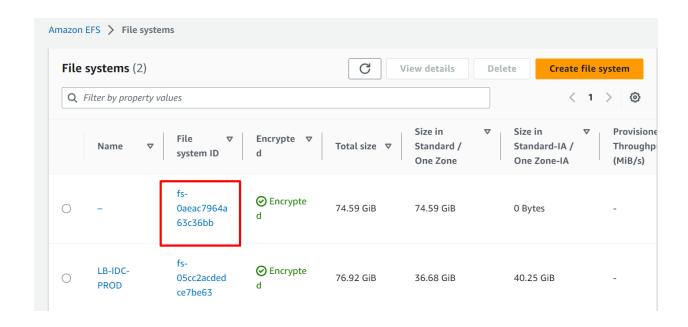


Checking for your restored Amazon EFS file system

The restored backup job will appear under Restore jobs in the AWS Backup console.



Once the job status appears as completed, navigate to the Amazon EFS console and select File systems on the left navigation pane to see the restored EFS file system.



After that we need to create a mount target for the new file system and allow the security group of the server.