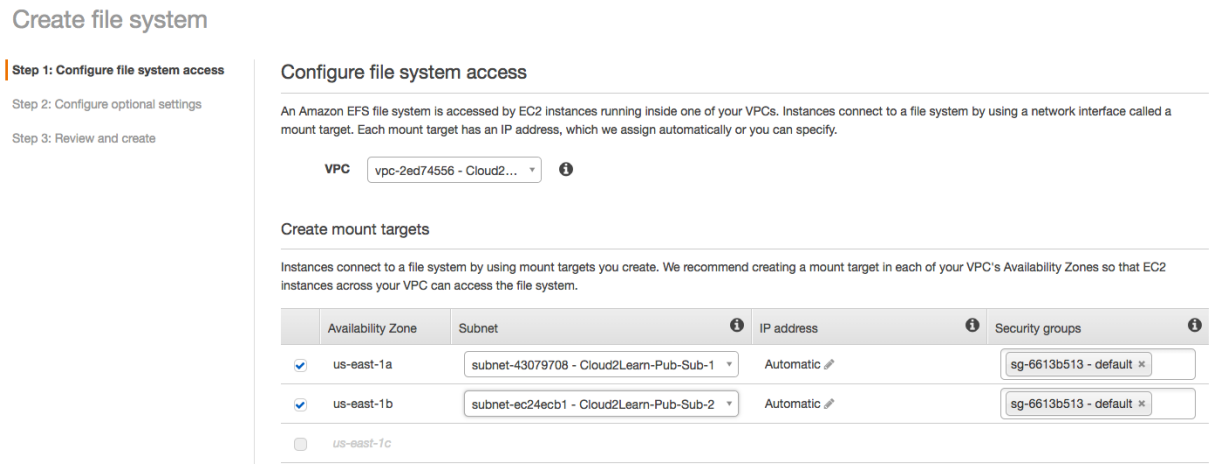
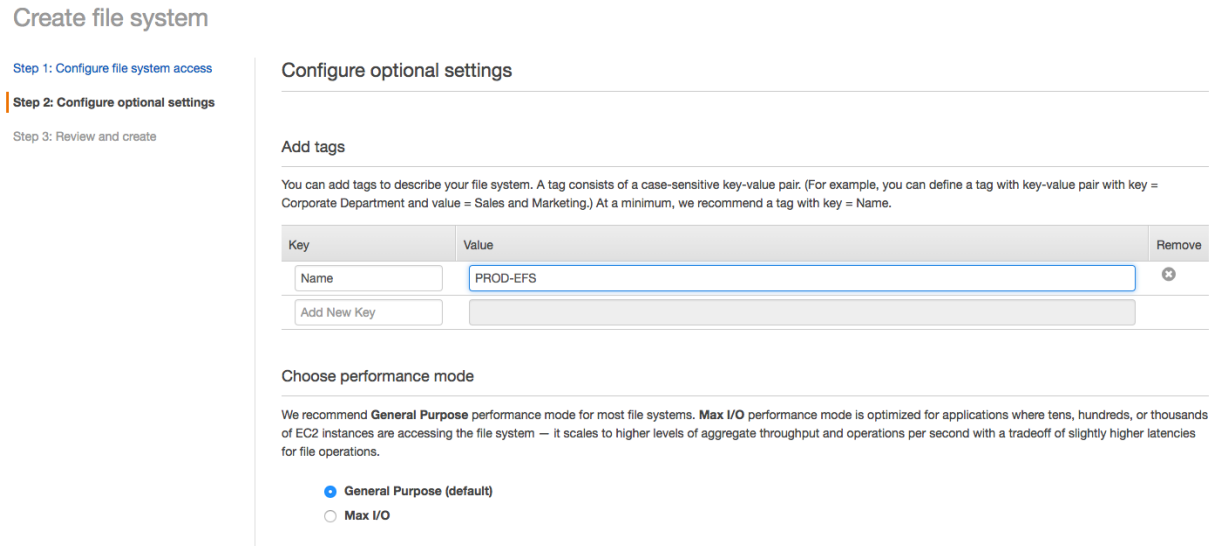
This Blog will guide you the step-by-step process for configuring Amazon EFS with Amazon EC2 Instance.

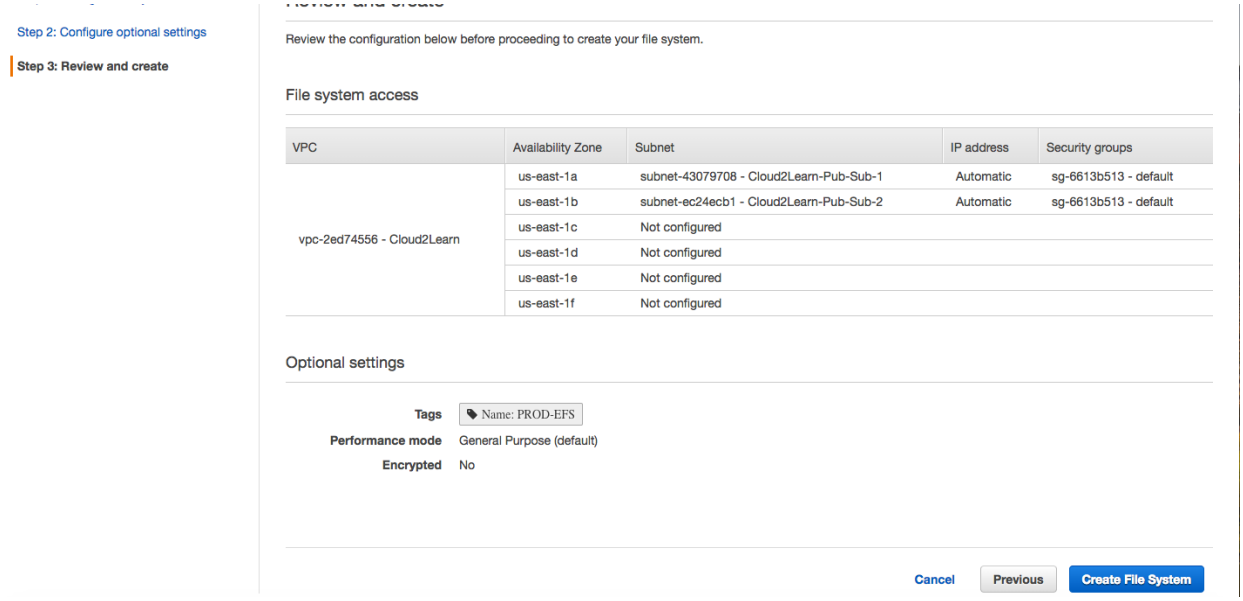
1. Create one EFS file system from AWS console. (Select your VPC and Subnets on which you are going to configure the EFS and click on next)



2. Add a Tag name to your EFS and leave other information default and click on next.



3. Then click on next step.



4. Create two EC2 instances which you are going to map with the EFS.

5. Login into the EC2 instance and install NFS Clients with the below command:
   # yum install -y amazon-efs-utils (EC2)
   # yum install nfs-utils -y ------ (in RHEL/CentOS)
   # apt-get -y install nfs-common ------- (in Ubuntu/Debian)

6. Create a Dir in one instance:
   #mkdir /mnt/prodefs

7. Mount the the dir with EFS:
   # mount -t nfs -o vers=4.1 fs-f00e3eb9.efs.us-east-1.amazonaws.com:/ /mnt/prodefs/

8. Verify the mount point:
   # df -h

9. Create one dir/file inside the /mnt/prodefs folder and check it.

10. Follow ste 5-to-9 for the second instance.

11. Create some files inside /mnt/prodefs files of 1st instance and some files in 2nd instance then verify on both the instance you will see the same files exists on the both instances.

IMPORTANT NOTE :

- Make sure you allowed NFS port on the SG (inbound) of EFS from the EC2 SG on which you will mount the EFS

Thank you…!!!