Elastic File Service System

LAB - EFS

Create EFS and mount on 2 Linux instances.

We will use **DefaultVPC** for the lab

1. Launch 2 Linux instances **EFSLinuxServer1** and **EFSLinuxServer2** in 2 different AZ within your preferred AWS region.
    1. Make sure to note down the AZs in which you placed your instances.
2. Create a new security group for your efs
    1. Group Name: **myefs-sg**
    2. Description**: myefs-sg**
    3. Open Protocol type **NFS** on **2049** on security group from the private IP of your servers.
    4. Source of your security group should be Private IP of your Ec2 instance

Create EFS

1. Navigate to AWS **EFS** service
2. Create a new efs and name it **My-EFS**
    a. On the network configuration, only allow subnet in same AZ and your instances
    5. Select **myefs-sg** created in previous step
3. Select **MyEFS**
4. Click on **Attach**
5. Select **Mount via IP**
6. Availability Zone: Select same AZ as your instance
7. Copy command to a text file

Connect to **Linux Server 1** and mount efs

a. sudo su –
b. df -h (Notice file share is not mounted)
c. cd /mnt/
d. mkdir -p efs
e. copy and paste efs command then **enter**
f. df -h (Notice new mount point)
g. cd efs
h. echo “My efs mount” > testfile.txt
i. cd testfile.txt
j. ls
k. cat Testfile1.txt

Repeat same process on other server, mount efs on server 2 and notice same file shows up.