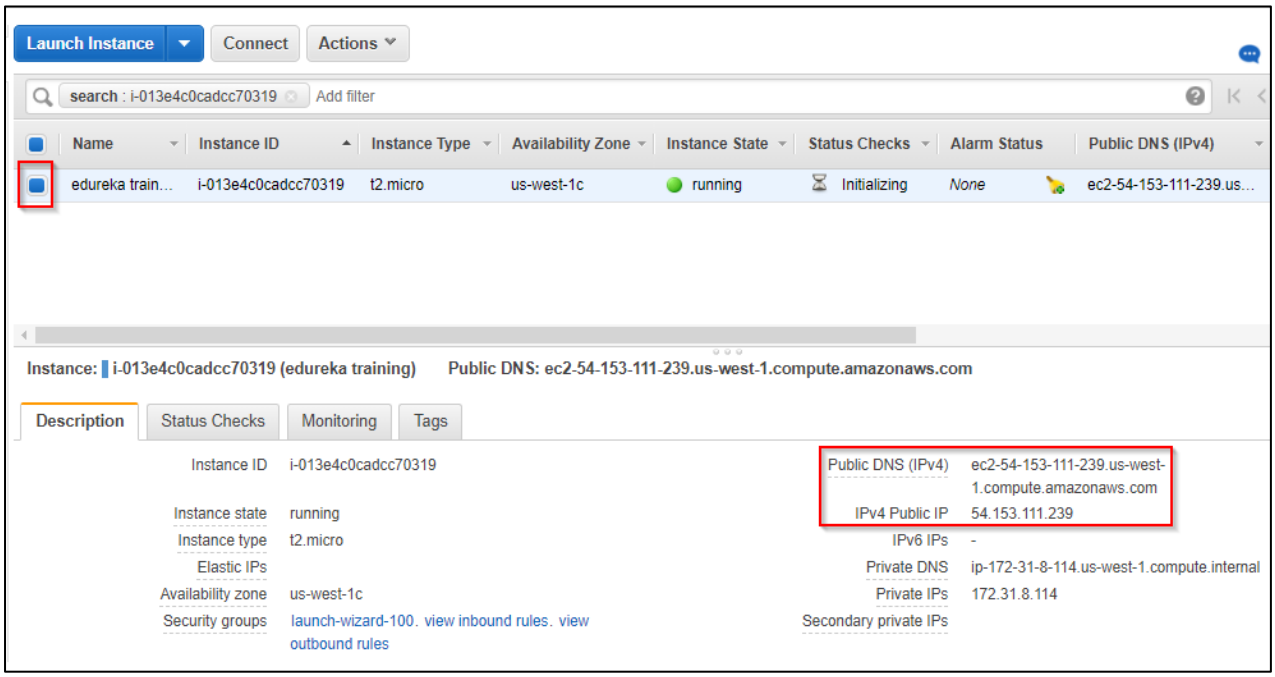
Module 4: Amazon EC2

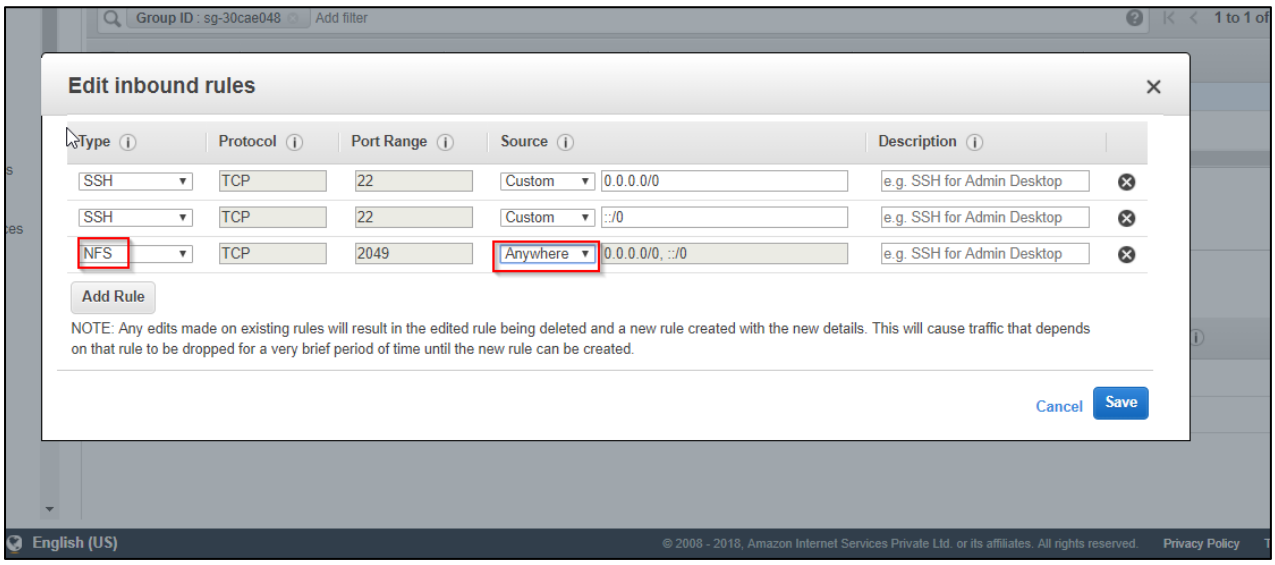
Demo Document 6

To Attach EFS Volume To An EC2 Instance

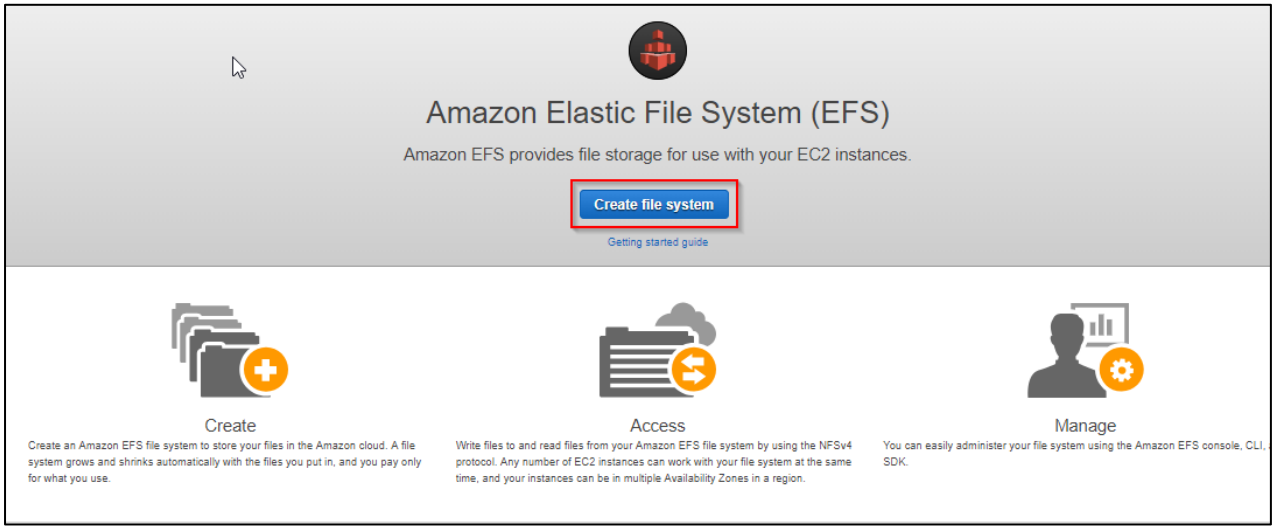
Step 1: Launch an EC2 Instance in AWS console. Open an SSH client. (connect using PuTTY) and locate your private key file. The wizard automatically detects the key you used to launch the instance



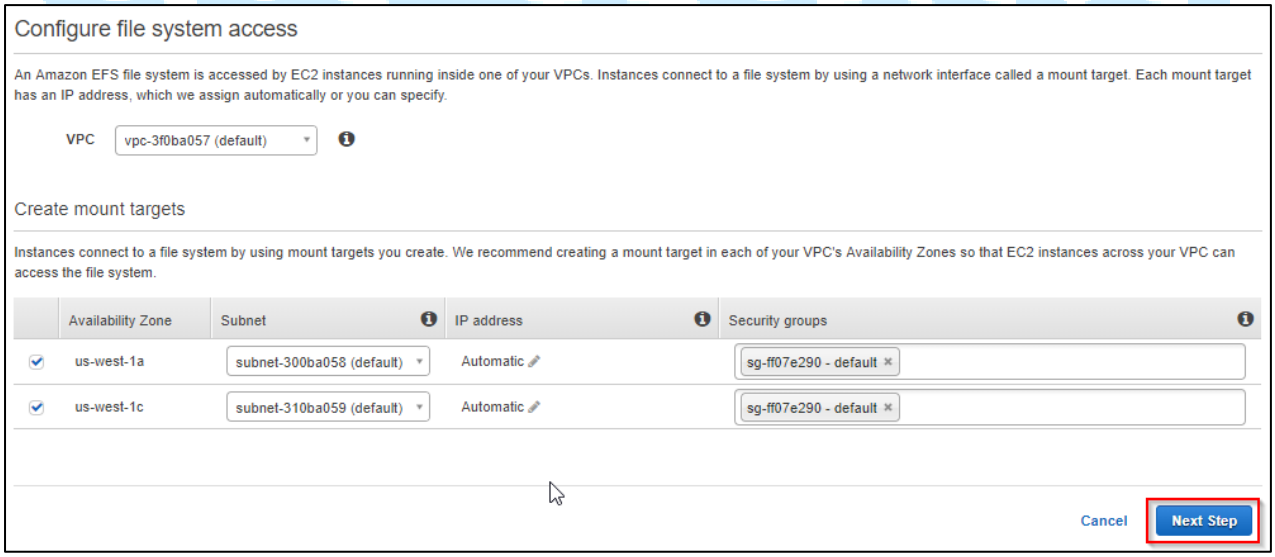
Step 2: Go to security group and add NFS since, Each EC2 instance that mounts the file system must have a security group that allows access to the mount target on the NFS port



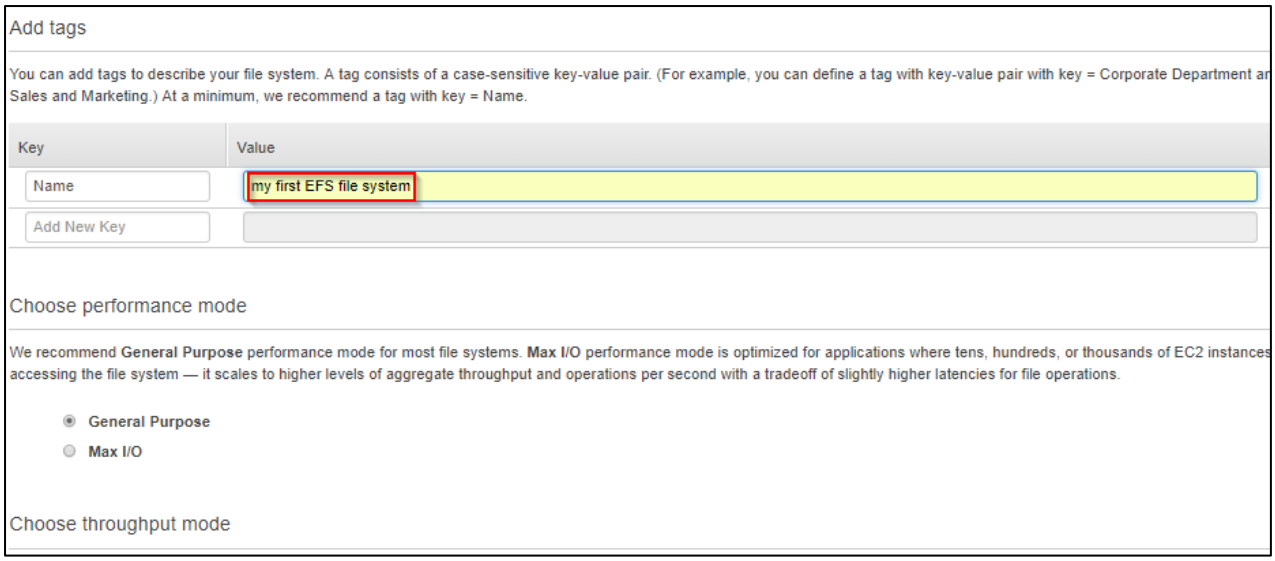
Step 3: Go back to console and select EFS, later click on “Create File System”



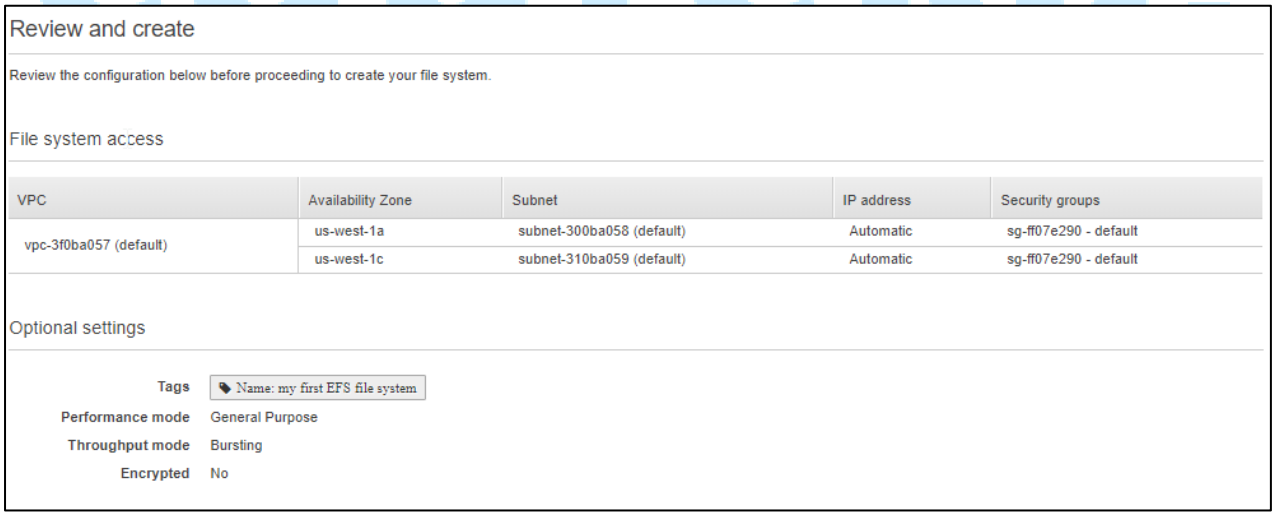
Step 4: Click on “Next Step”



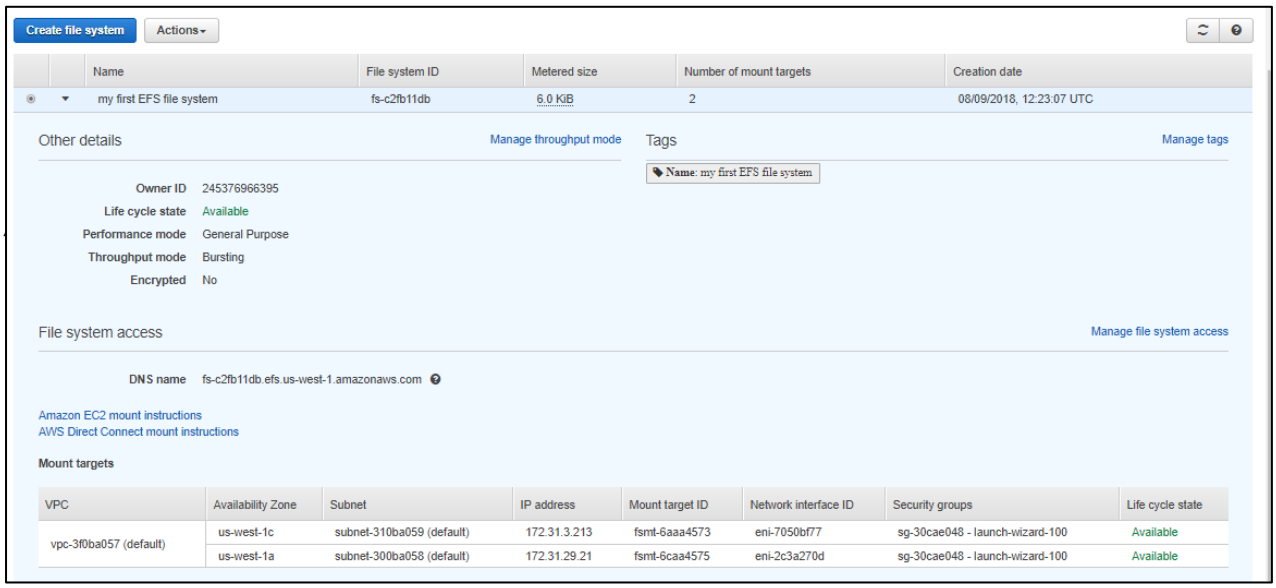
Step 5: Add name to EFS, don't change any settings and click on "Next Step"



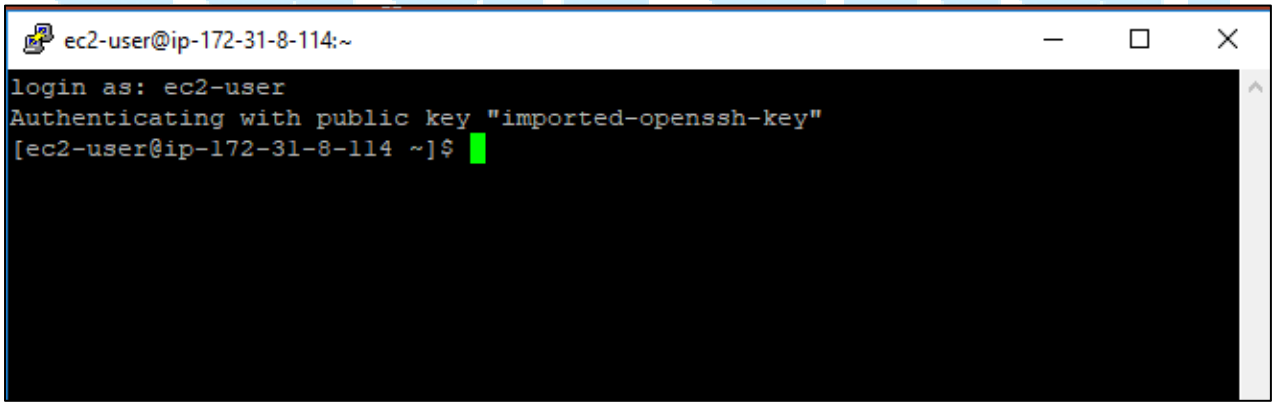
Step 6: Review the settings and click on "Create File System"



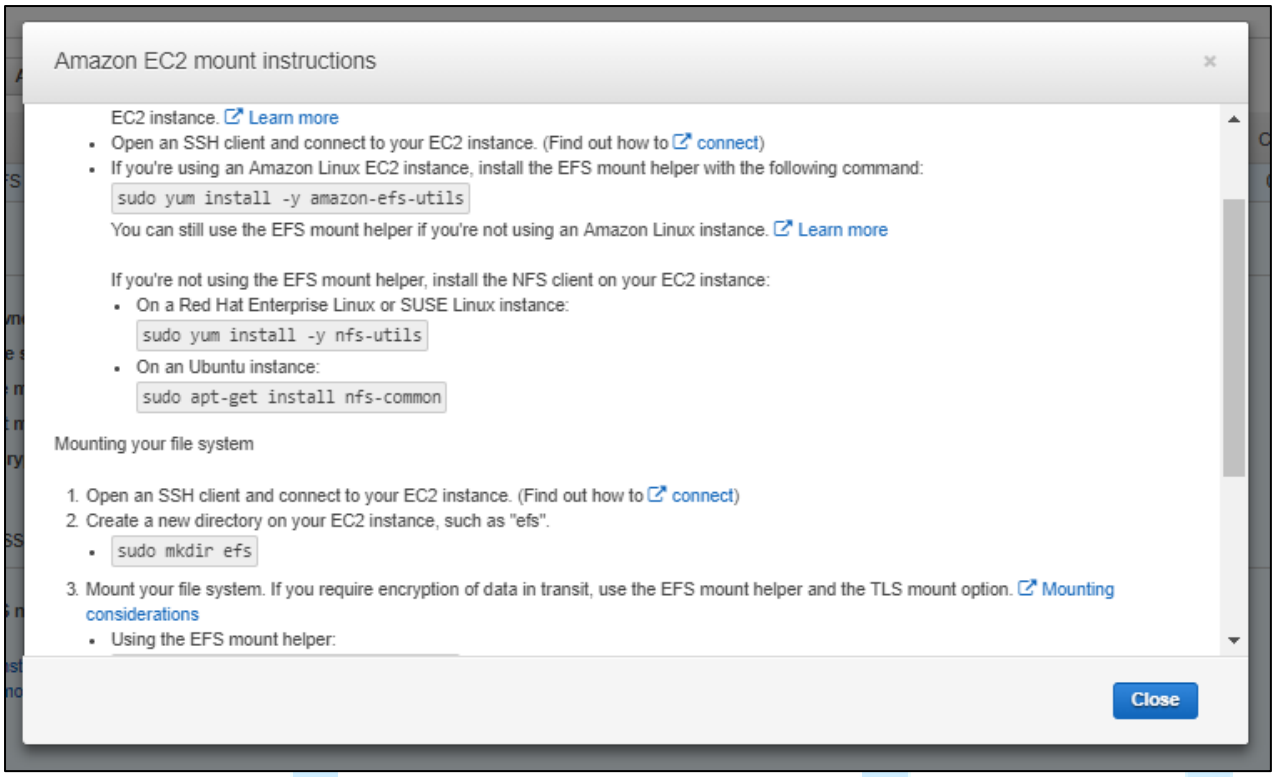
Step 7: Note the “File system ID” and “DNS Name”



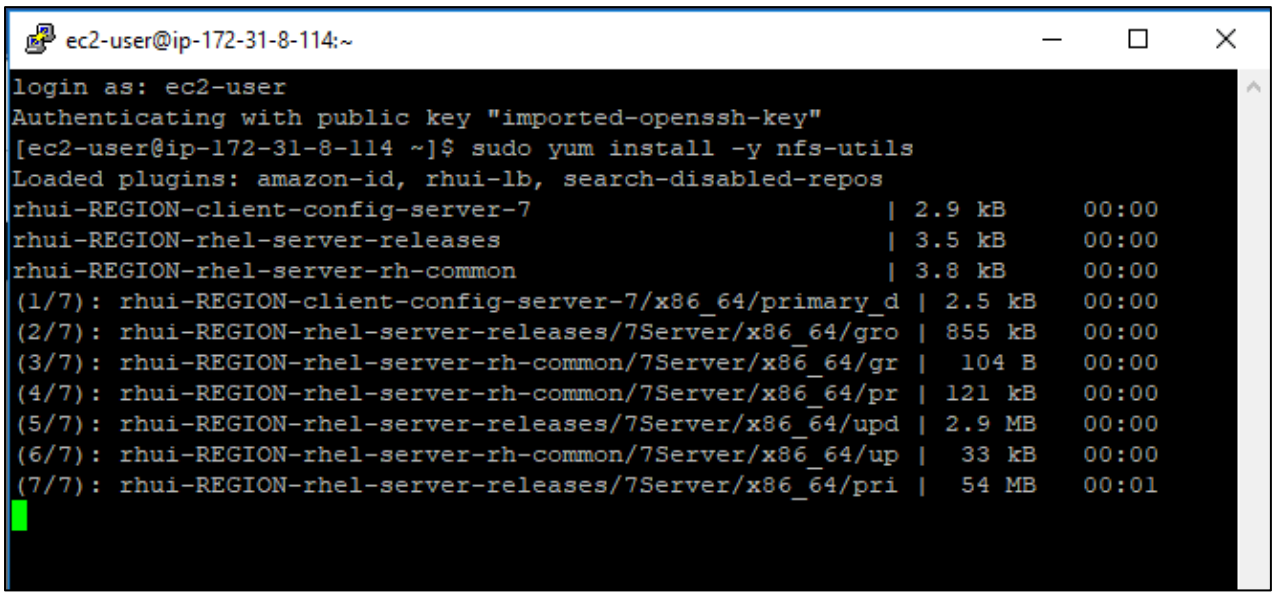
Step 8: Go to the configured “Putty” and login using- “ec2-user”

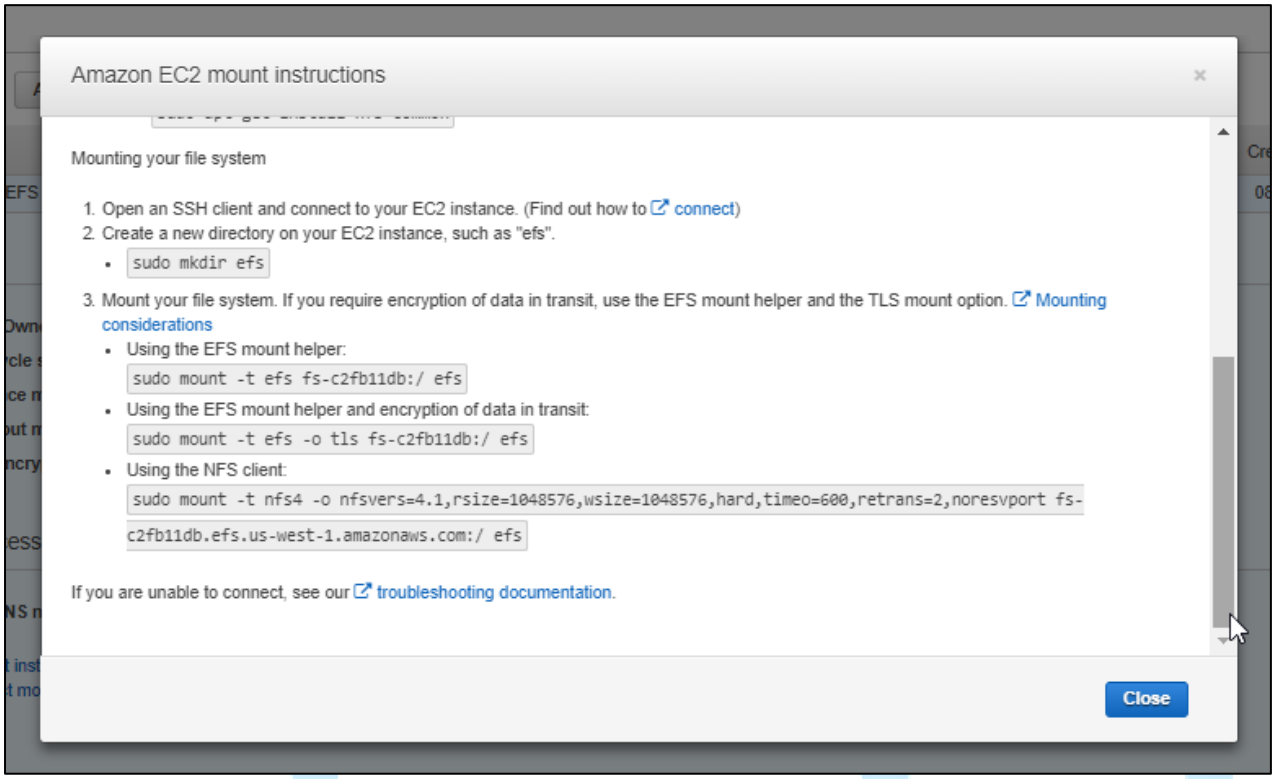


Step 9: Go to EFS and click on “Amazon EC2 Mount Instructions” and copy the commands



- `sudo yum install -y nfs-utils`

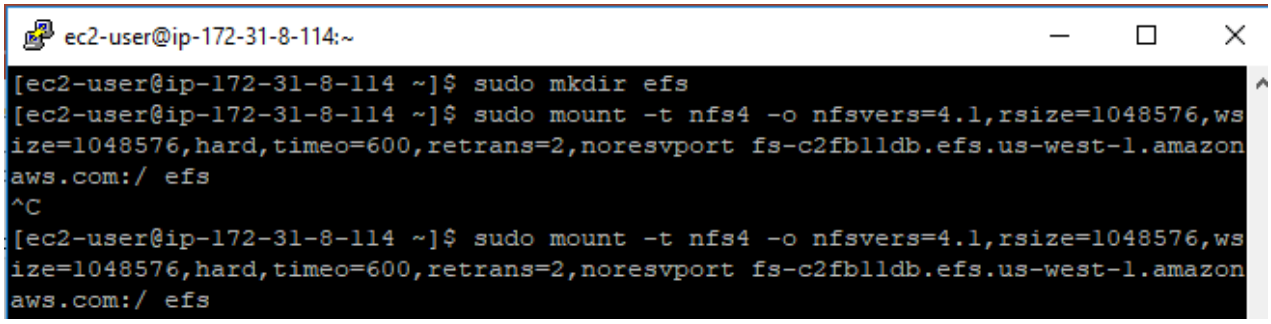




- `sudo mkdir efs`
- `sudo mount -t nfs4 -`

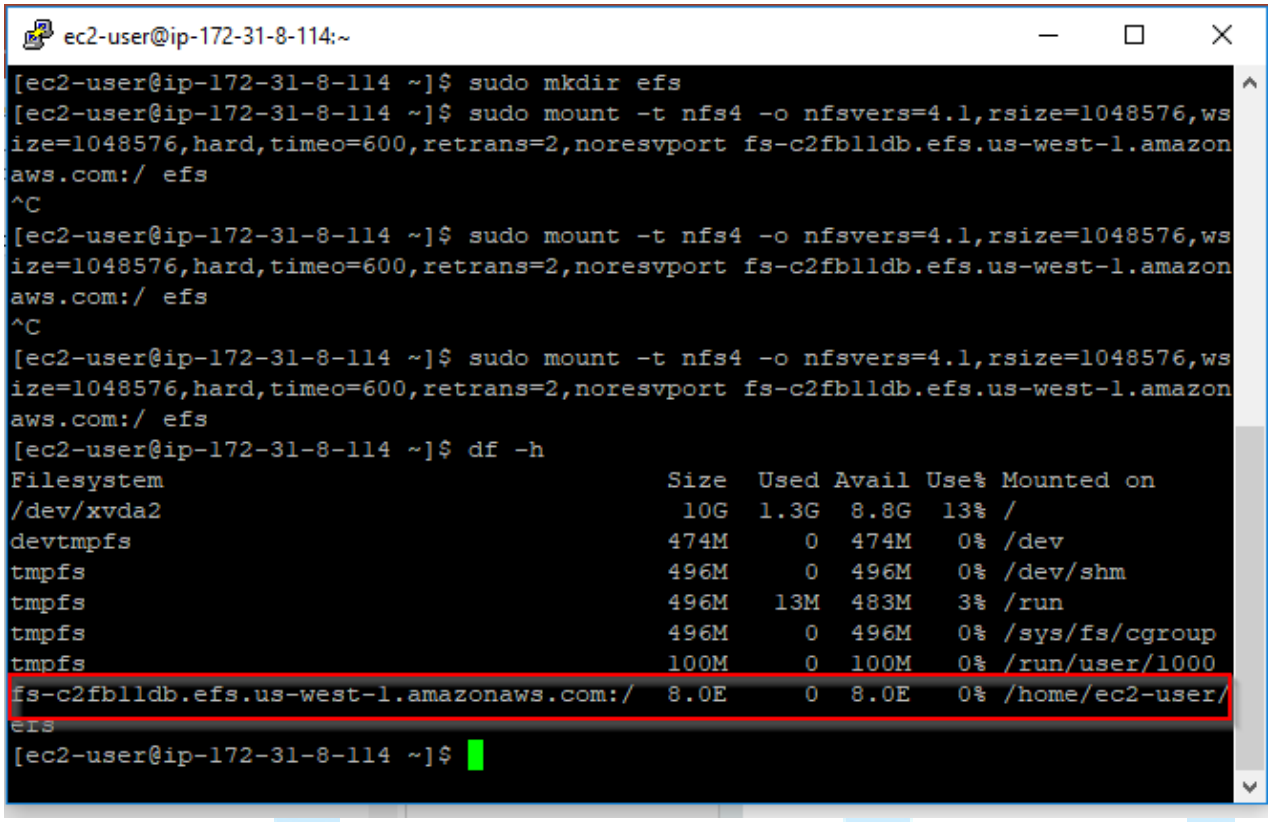
  `nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,nor`

  `esvport fs-c2fb11db.efs.us-west-1.amazonaws.com:/ efs`



- To check the output whether EFS is mounted to your instance or no enter this command-

  `df -h`



Conclusion-

You have successfully mounted the EFS volume to an EC2 instance