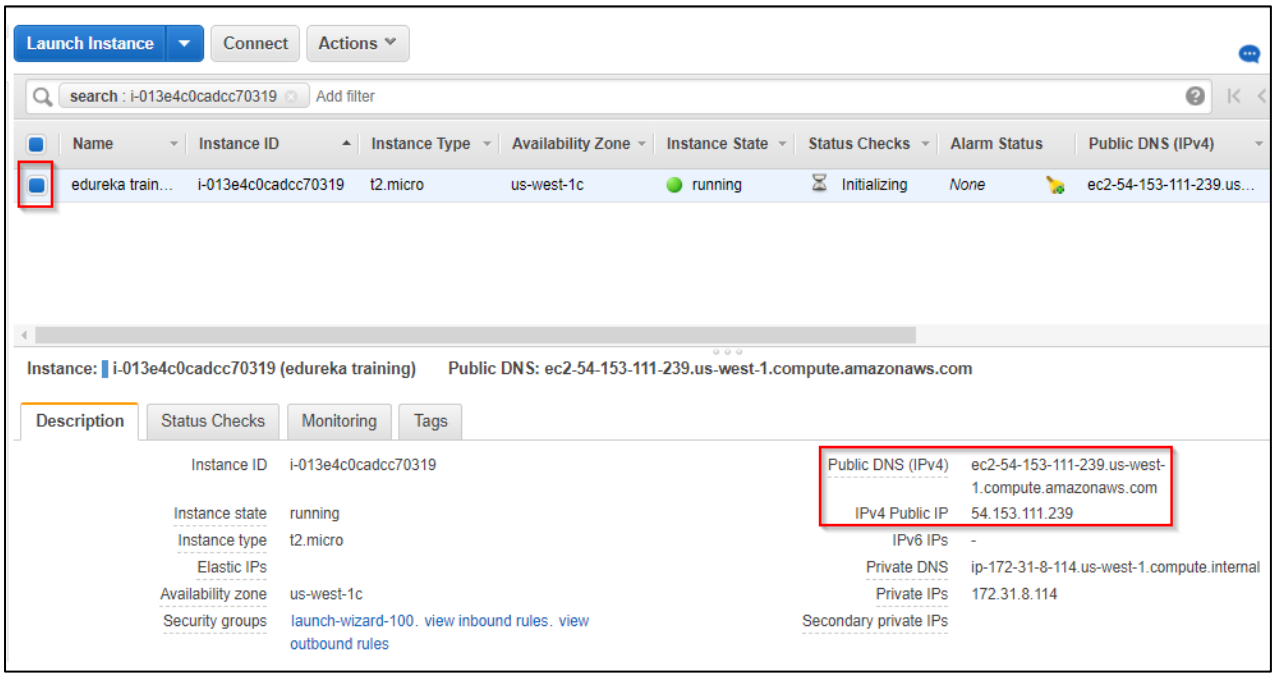
AWS EC2

Demo Document 6

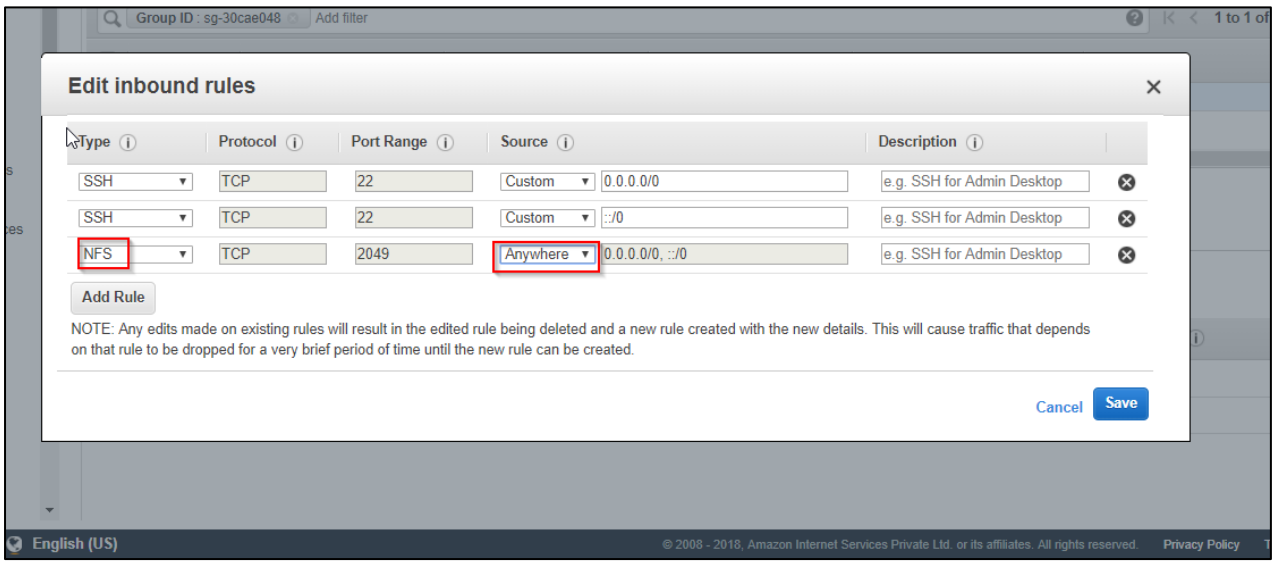
edureka!

To Attach EFS Volume to an EC2 Instance

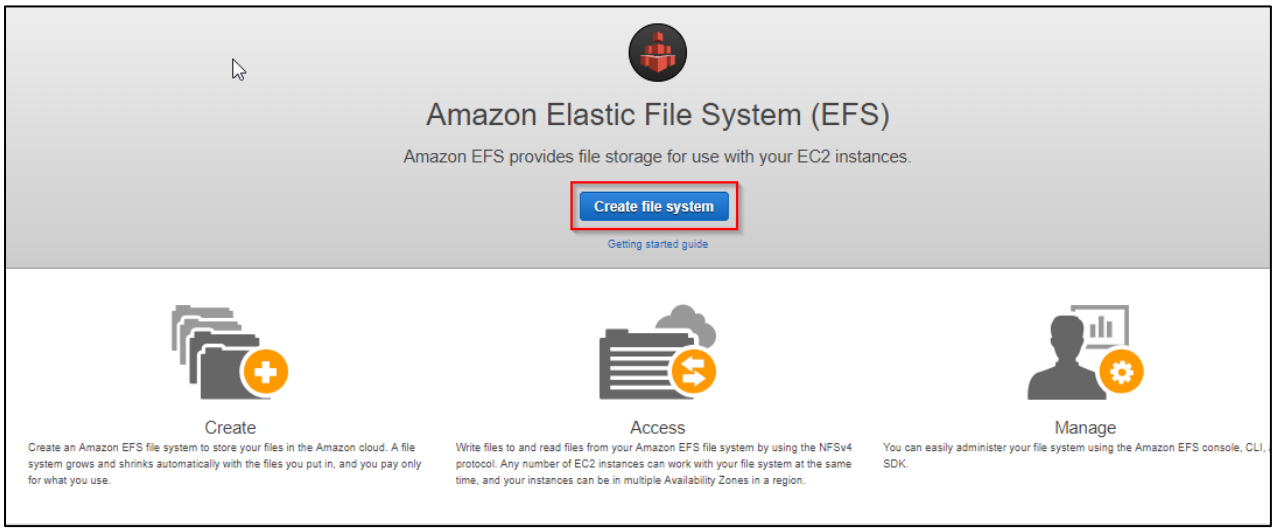
Step 1: Launch an EC2 Instance in the AWS Management console. Open an SSH client. (Connect using PuTTY) and locate your private key file. The wizard automatically detects the key that was used to launch the instance



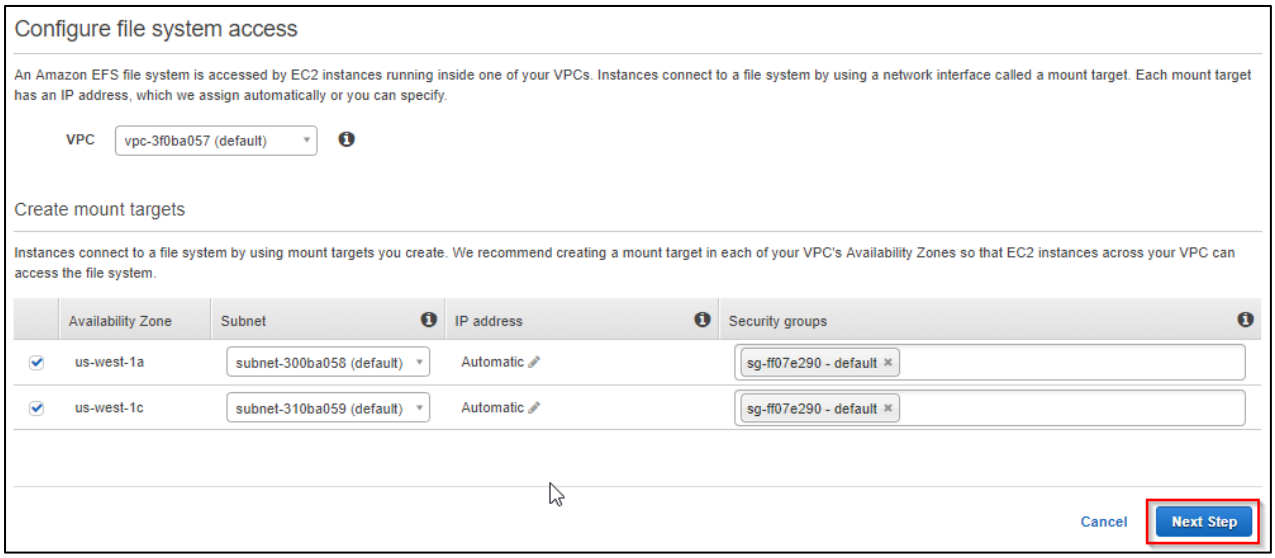
Step 2: Go to Security Group and add NFS. Note that each EC2 instance that mounts the file system must consist a security group, allowing access to the mount target on the NFS port



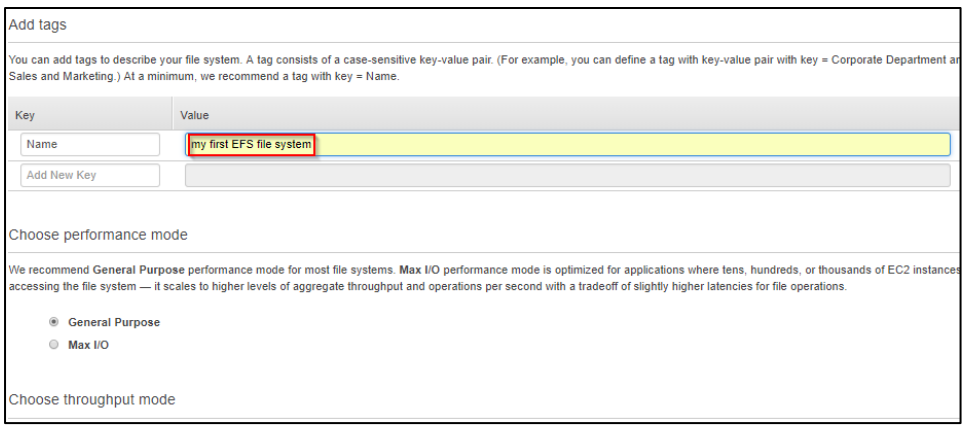
Step 3: Go back to the console and select EFS. Now, click on **Create File System**



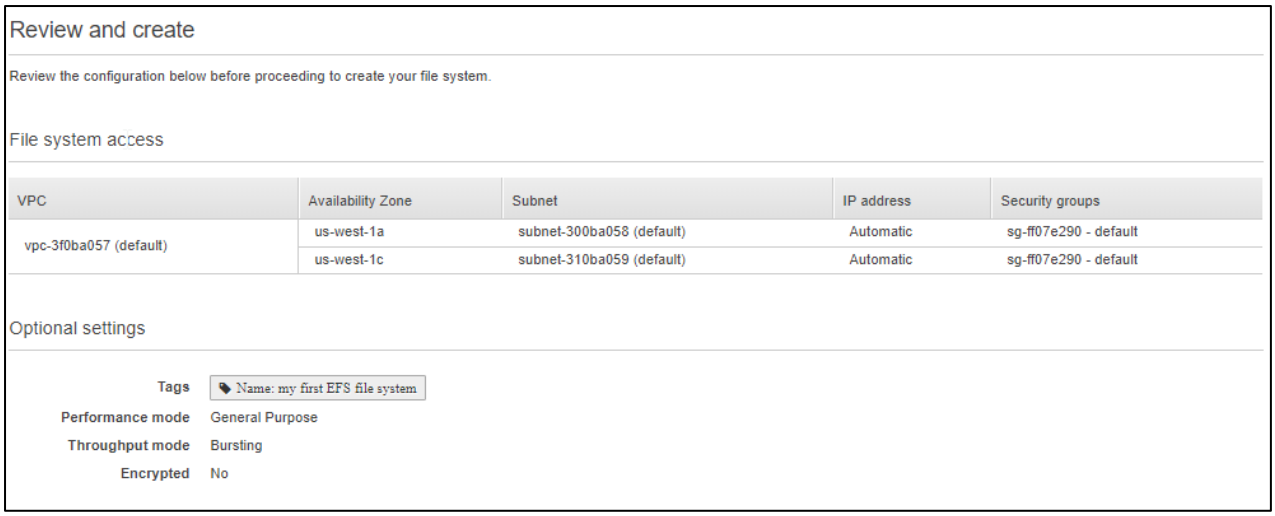
Step 4: Click on **Next Step**



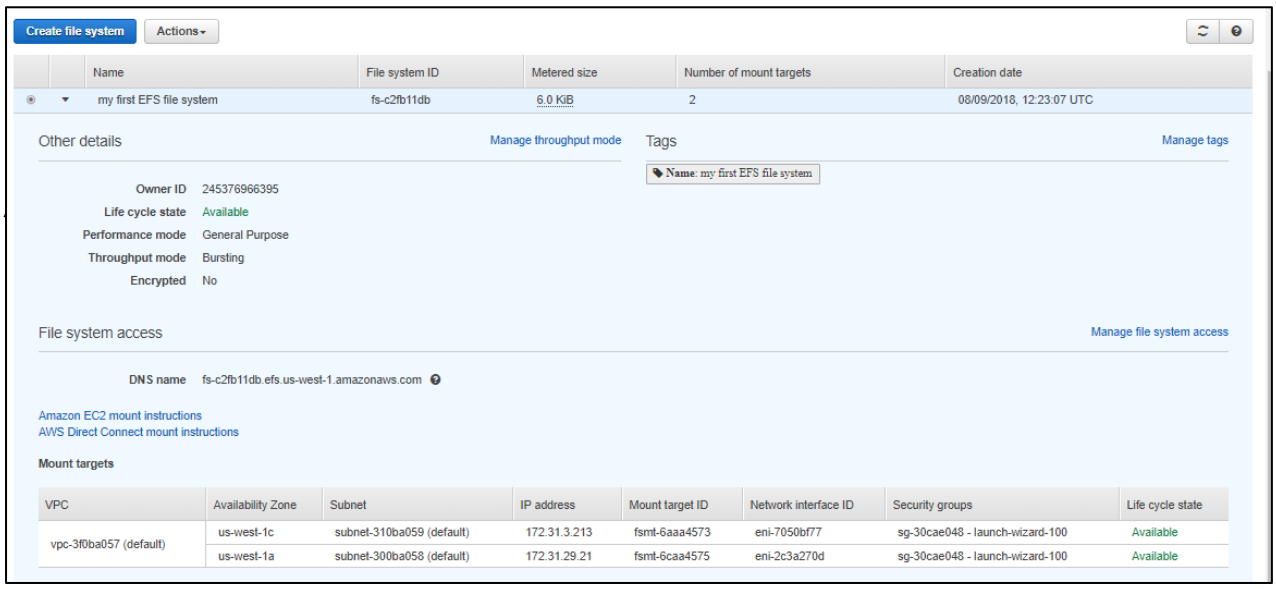
Step 5: Add a name to EFS without changing any settings and click on **Next Step**



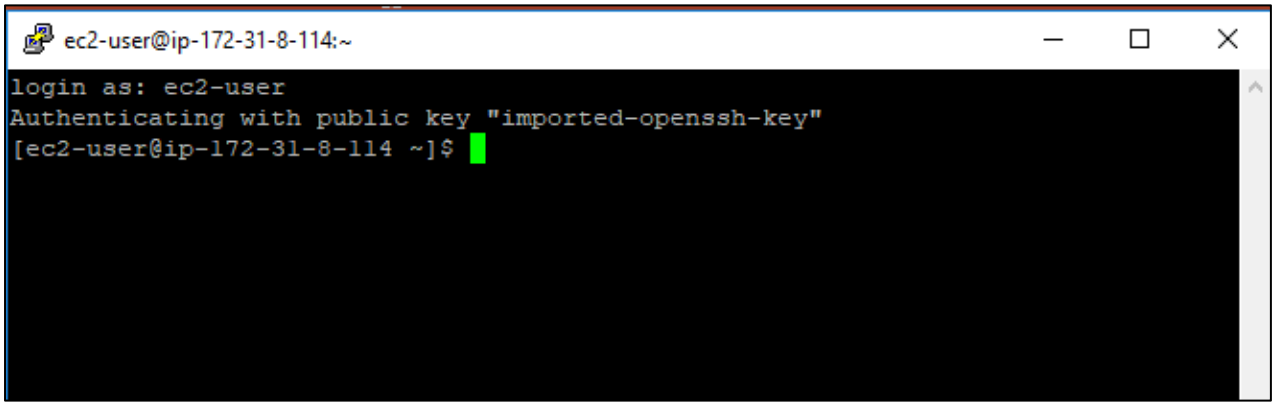
Step 6: Review the settings and click on **Create File System**



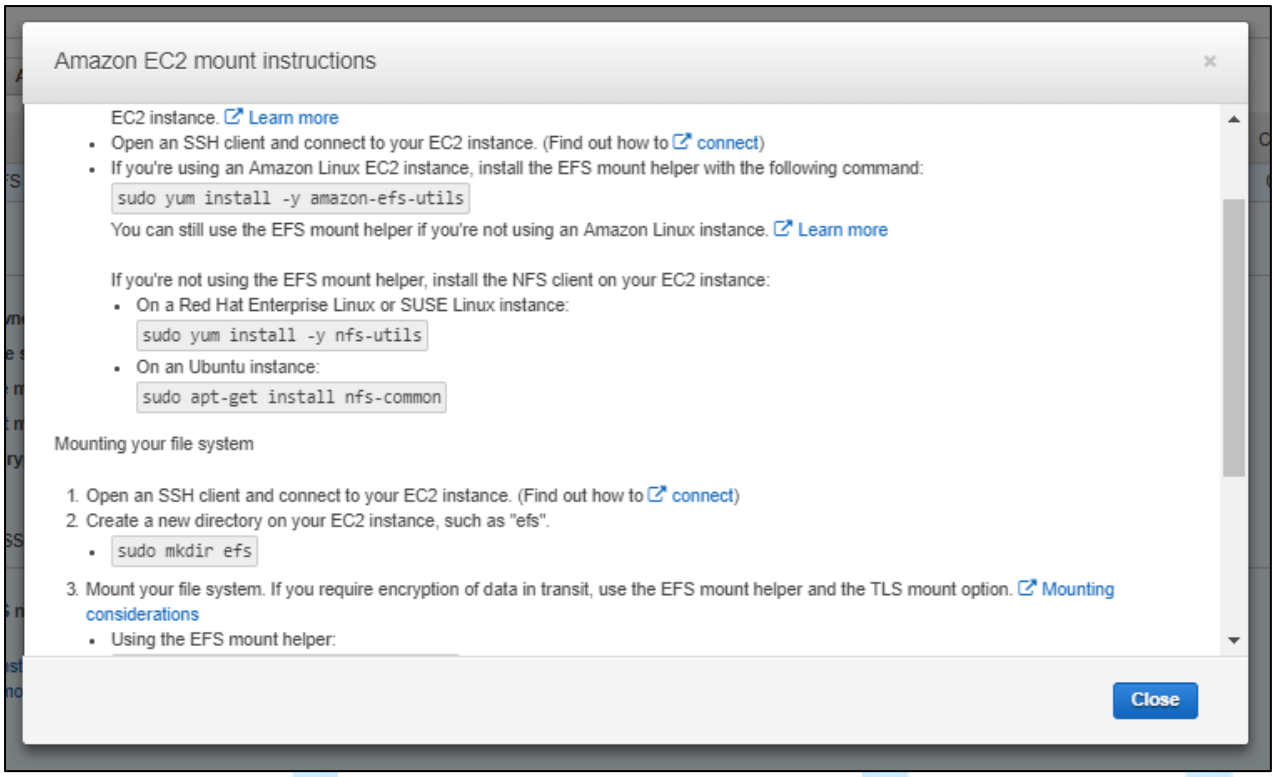
Step 7: Note the **File system ID** and **DNS Name**



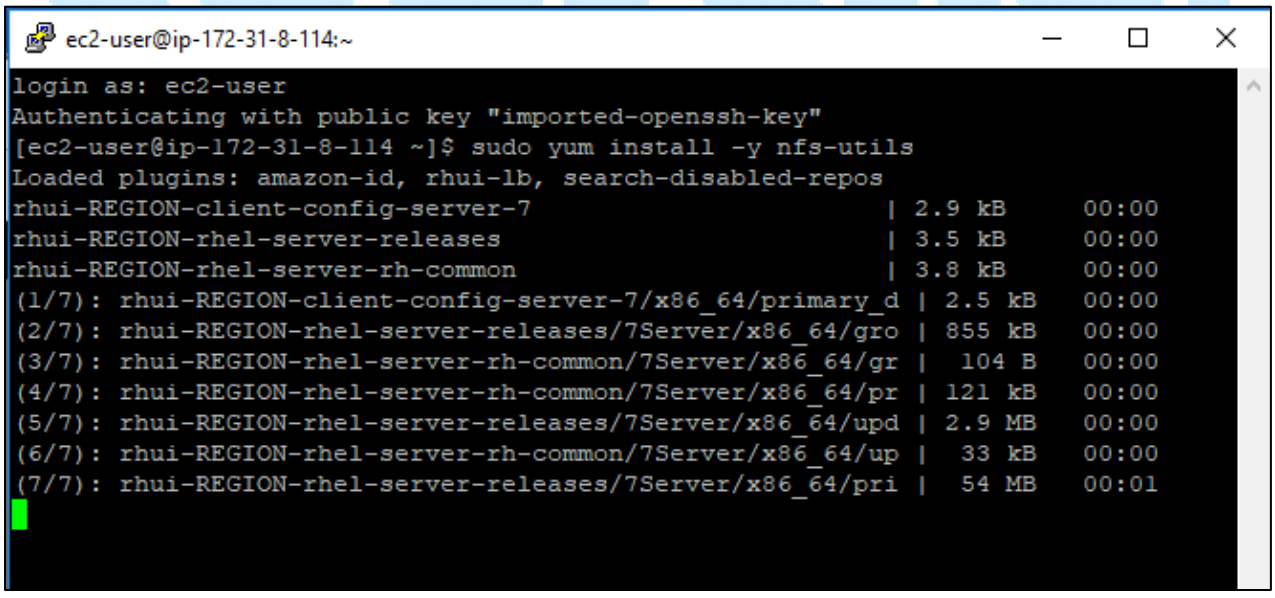
Step 8: Go to the configured Putty and log in using **ec2-user**

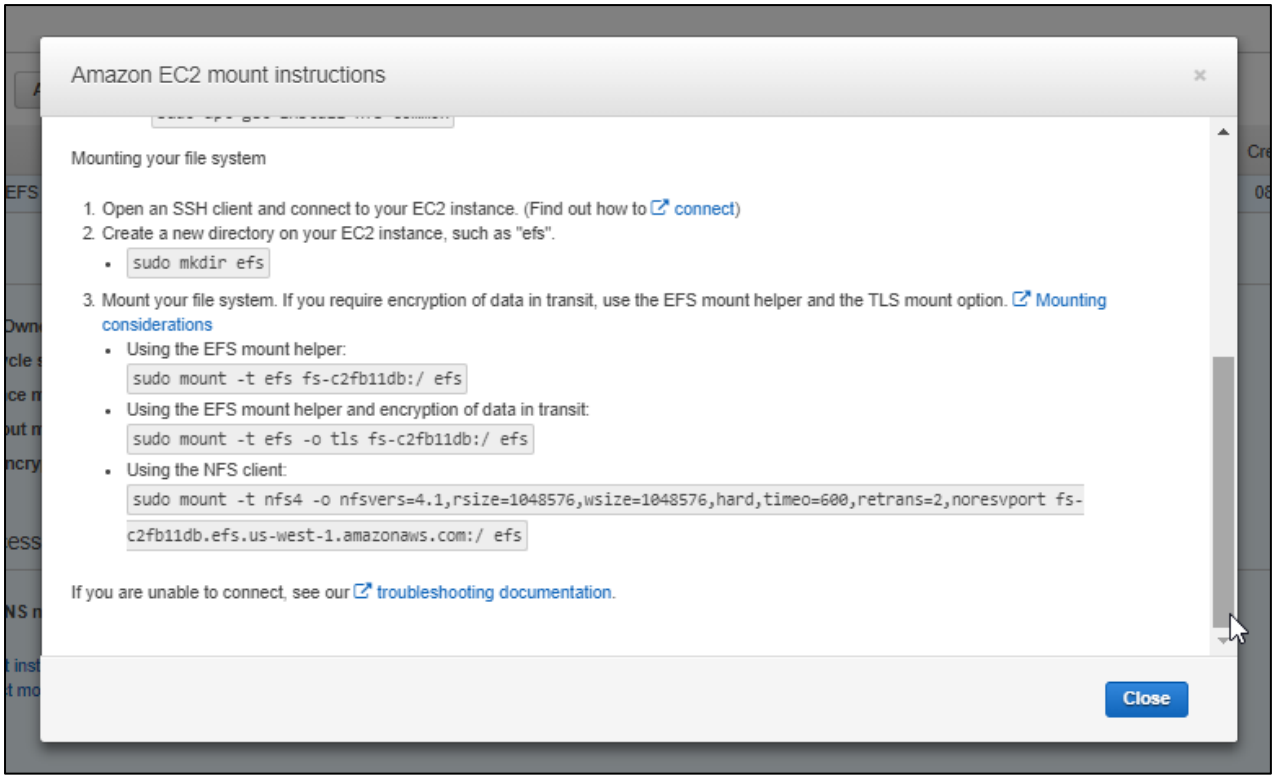


Step 9: Go to EFS, click on **Amazon EC2 Mount Instructions** and copy the commands



- `sudo yum install -y nfs-utils`

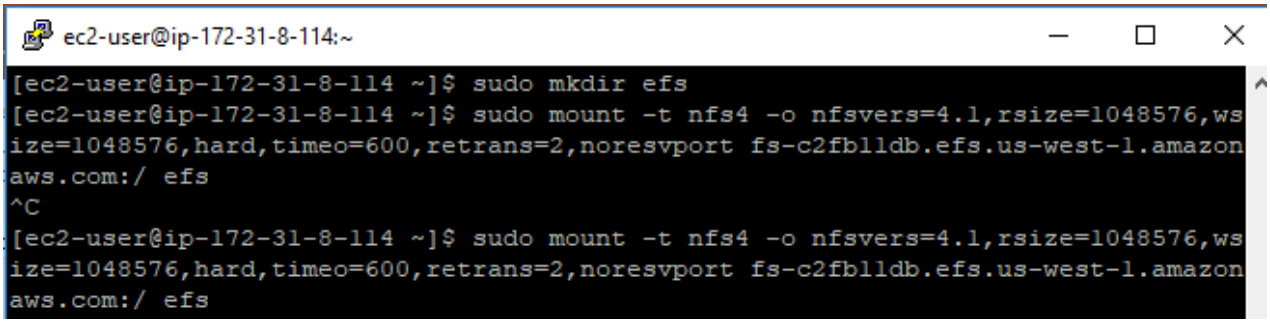




- `sudo mkdir efs`
- `sudo mount -t nfs4 -`

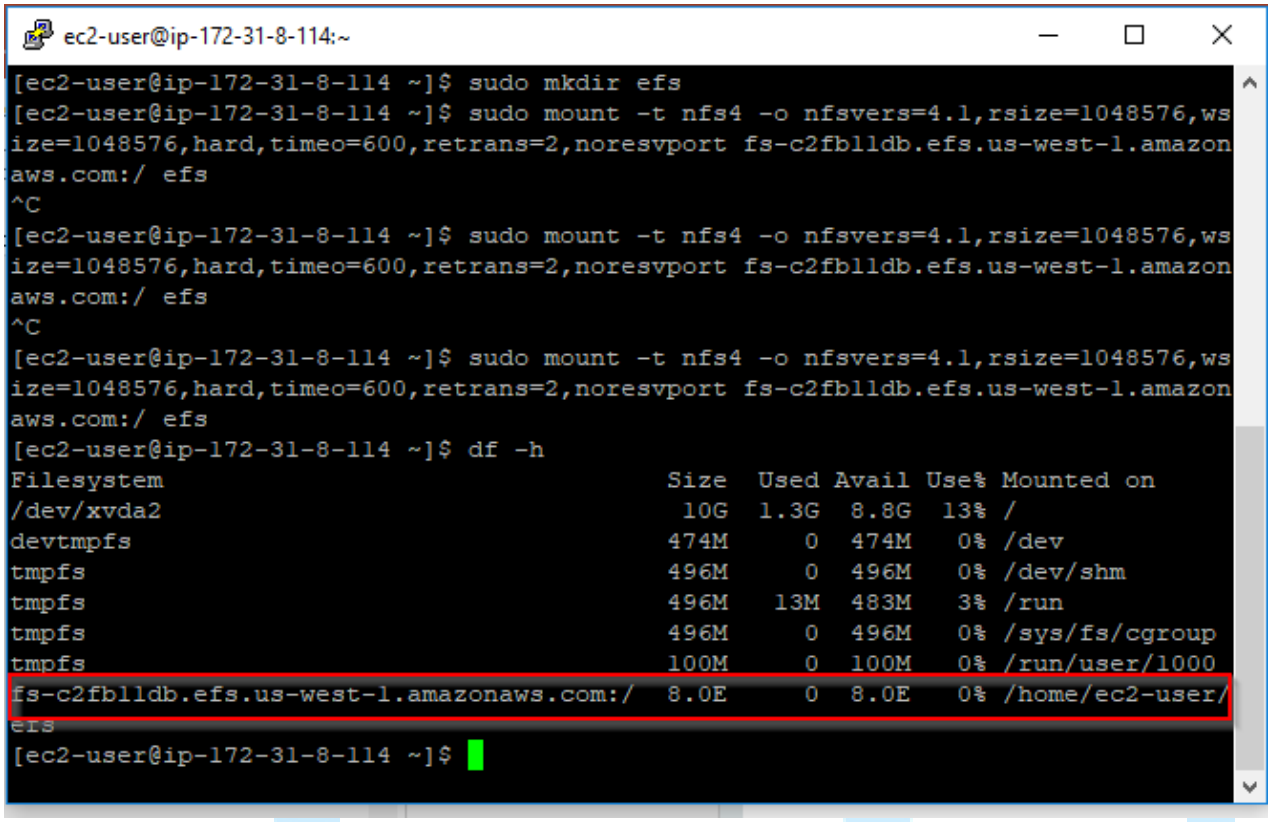
  `nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,nor`

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



- To check the output whether EFS is mounted to your instance or not, enter the following command

  `df -h`



Conclusion

You have successfully mounted the EFS volume to an EC2 instance.