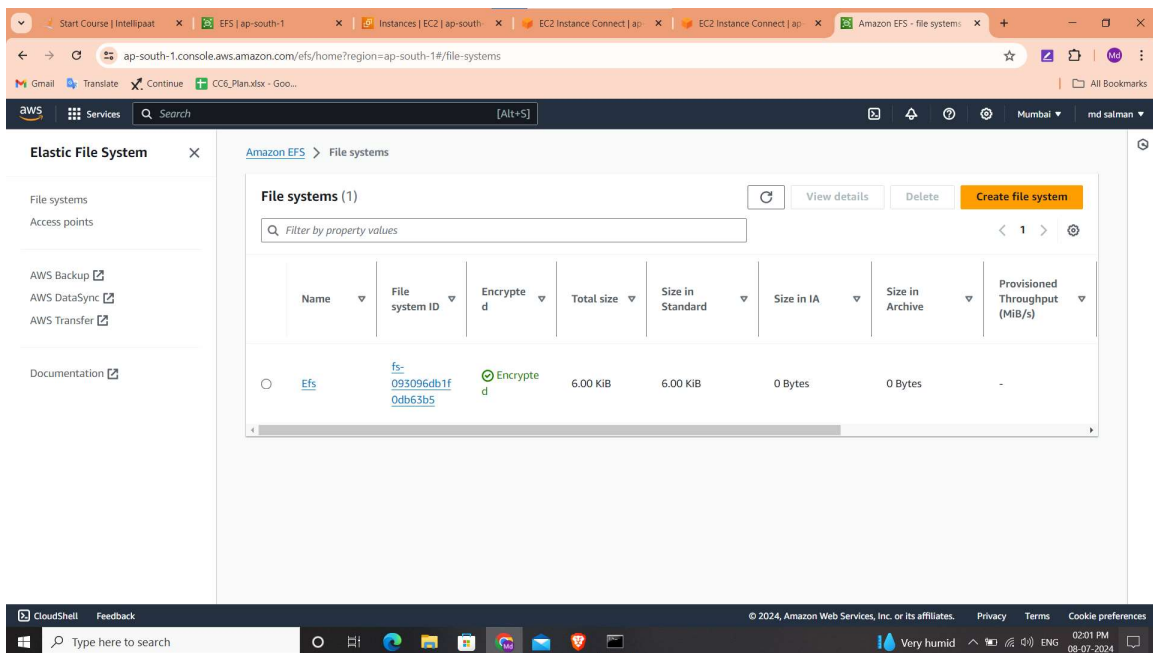


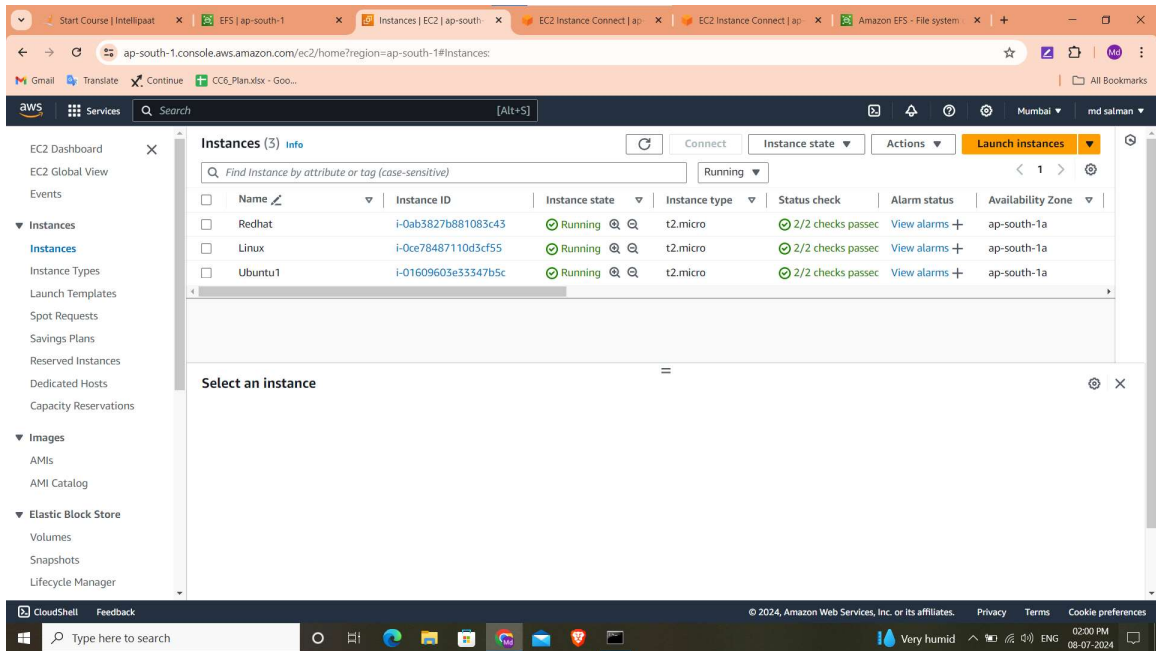
Assignment EFS and EC2

1. Create an EFS and connect it to 3 different EC2 instances. Make sure that all instances have different operating systems. For instance, Ubuntu, Red Hat Linux and Amazon Linux 2.

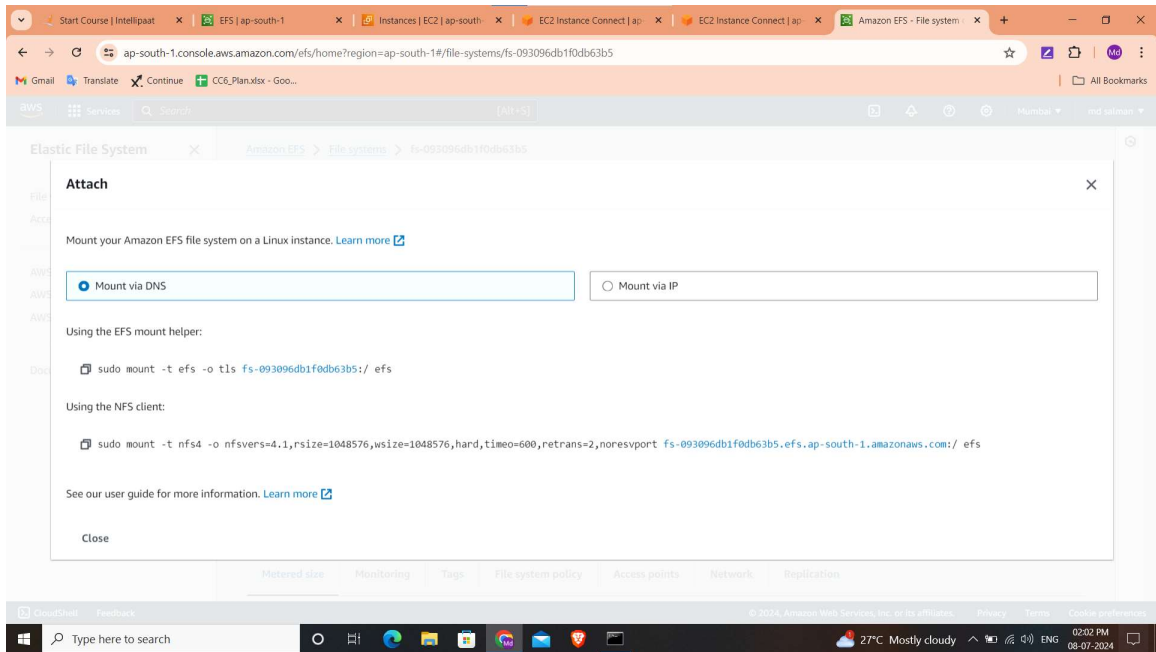
Step1) Efs creation.



Step2) Ec2 instance creation Redhat, Ubuntu, Linux.



Step3) Efs Mounting to instances.



Step4)Efs Mounted to Redhat Instance.

```
ec2-user@Redhat~  
[ec2-user@ip-172-31-47-134 ~]$ exit  
logout  
Connection to 13.201.56.152 closed.  
  
C:\Users\User\Downloads>ssh -i project-key.pem ec2-user@13.201.56.152  
Register this system with Red Hat Insights: insights-client --register  
Create an account or view all your systems at https://red.ht/insights-dashboard  
Last login: Mon Jul 8 08:33:22 2024 from 124.123.185.196  
[ec2-user@Redhat ~]$ df -h  
Filesystem      Size  Used Avail Use% Mounted on  
devtmpfs        4.0M  0  4.0M  0% /dev  
tmpfs           383M  0  383M  0% /dev/shm  
tmpfs           154M  6.5M  147M  5% /run  
/dev/xvda4      8.8G  1.7G  7.2G  19% /  
/dev/xvda3      960M  262M  699M  28% /boot  
/dev/xvda2      200M  7.1M  193M  4% /boot/efi  
tmpfs           77M   0  77M   0% /run/user/1000  
fs-093096db1f0db63b5.efs.ap-south-1.amazonaws.com:/ 8.0E  0  8.0E  0% /home/ec2-user/efs  
[ec2-user@Redhat ~]$
```

Step5)Efs Mounted to Linux instance.

```
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-0ce78487110d3cf55&osUser=ec2-user&sshPort=22#/  
  
AWS Services Search [Alt+S]  
[root@ip-172-31-34-246 ec2-user]# df -h  
Filesystem      Size  Used Avail Use% Mounted on  
devtmpfs        4.0M  0  4.0M  0% /dev  
tmpfs           475M  0  475M  0% /dev/shm  
tmpfs           190M  440K  190M  1% /run  
/dev/xvda1      8.0G  1.6G  6.5G  20% /  
tmpfs           475M  0  475M  0% /tmp  
/dev/xvda128     10M  1.3M  8.7M  13% /boot/efi  
tmpfs           95M   0  95M   0% /run/user/1000  
fs-093096db1f0db63b5.efs.ap-south-1.amazonaws.com:/ 8.0E  0  8.0E  0% /home/ec2-user/efs  
[root@ip-172-31-34-246 ec2-user]#  
  
i-0ce78487110d3cf55 (Linux)  
PublicIPs: 13.201.29.49 PrivateIPs: 172.31.34.246  
  
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```

Step6) Efs mounted to ubuntu instance.

Start Course | Intellipast | EFS | ap-south-1 | Instances | EC2 | ap-south-1 | EC2 Instance Connect | ap-south-1 | EC2 Instance Connect | ap-south-1 | Amazon EFS - File system | + | - | X

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-01609603e33347b5c&osUser=ubuntu&sshPort=22#/ | Gmail | Translate | Continue | CC6_Plan.xlsx - Goo... | All Bookmarks

AWS Services Search [Alt+S] Mumbai md salman

```
ubuntu@ubuntu:~$ df -h
Filesystem                                Size  Used Avail Use% Mounted on
/dev/root                                6.8G  1.6G  5.2G  24% /
tmpfs                                     479M    0  479M   0% /dev/shm
tmpfs                                     192M  892K  191M   1% /run
tmpfs                                     5.0M    0   5.0M   0% /run/lock
/dev/xvda16                              801M   76M  744M  10% /boot
/dev/xvda15                              105M   6.1M   99M   6% /boot/efi
tmpfs                                     96M   12K   96M   1% /run/user/1000
fs-093096db1f0db63b5.efs.ap-south-1.amazonaws.com:/ 8.0B    0  8.0B   0% /home/ubuntu/efs
ubuntu@ubuntu:~$
```

i-01609603e33347b5c (Ubuntu1)
PublicIPs: 43.205.96.146 PrivateIPs: 172.31.34.143

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