

EFS & EBS

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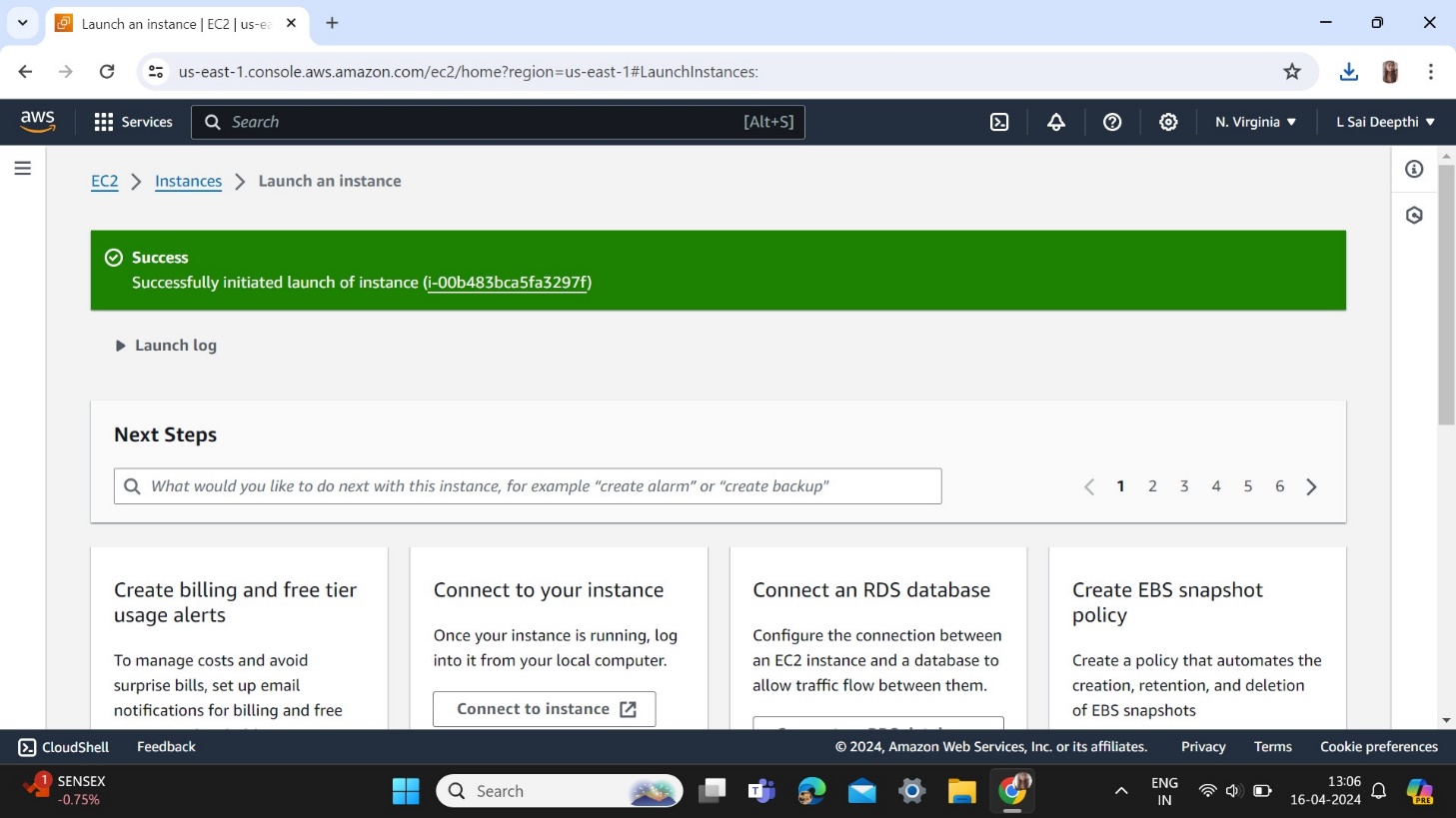
Batch:122

Date:17/04/2024

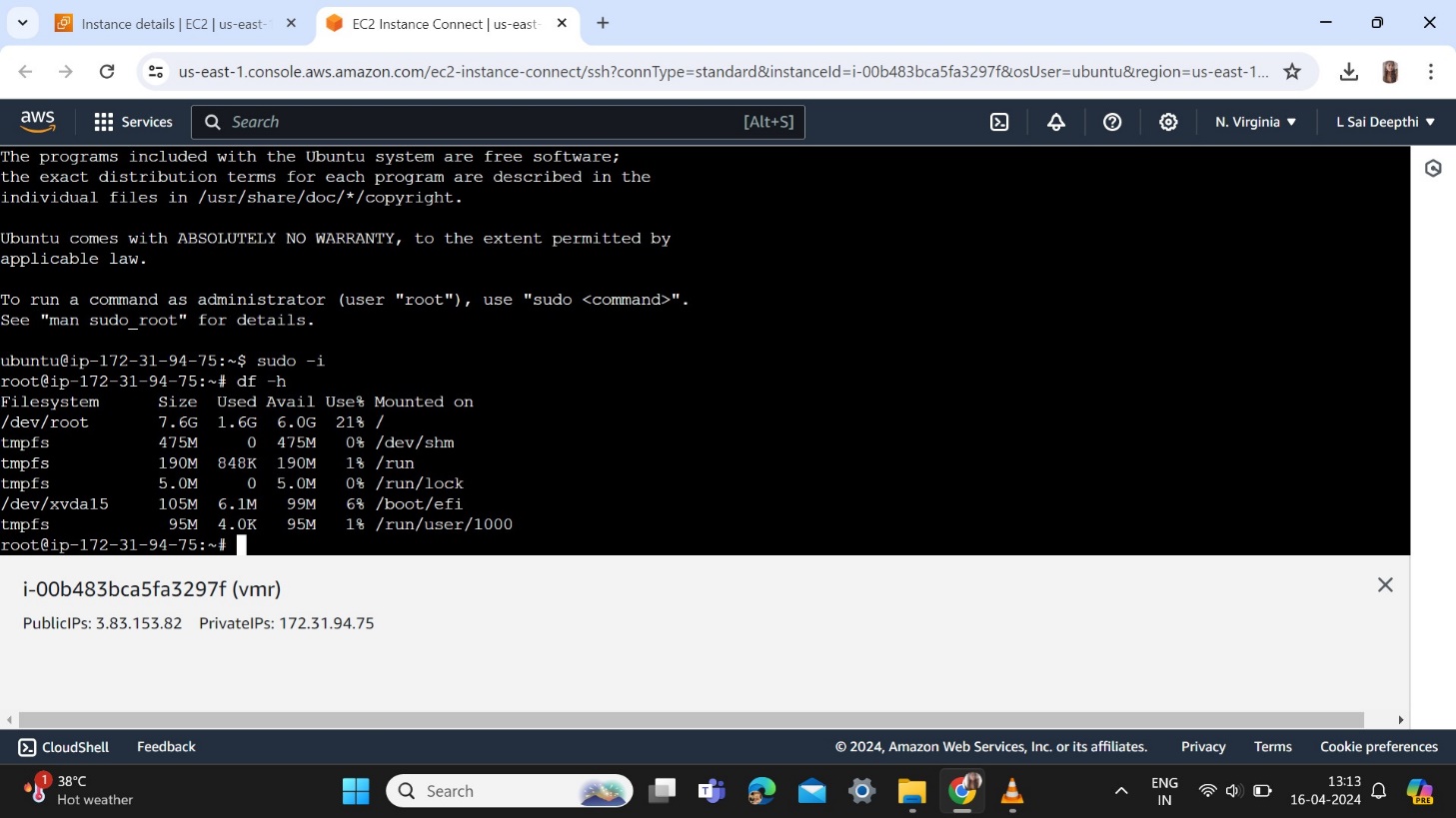
1. Create an EFS and attach to two EC2 instance. Create an EBS and attach it to two ec2 instances.

EBS

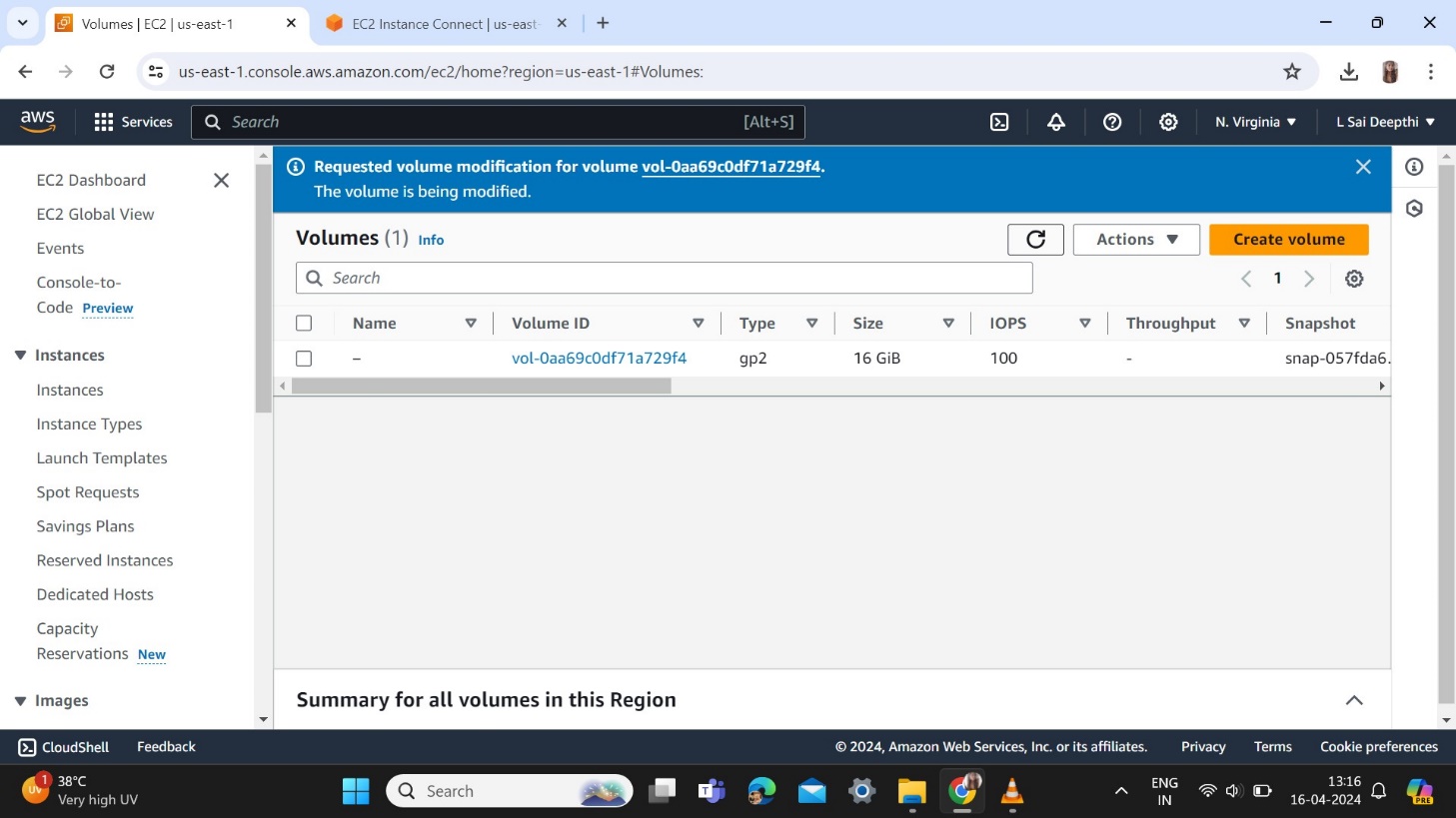
Step 1: Create an EC2 instance and name it as ‘vmr’ in ubuntu and attach with key pair and launch an instance.



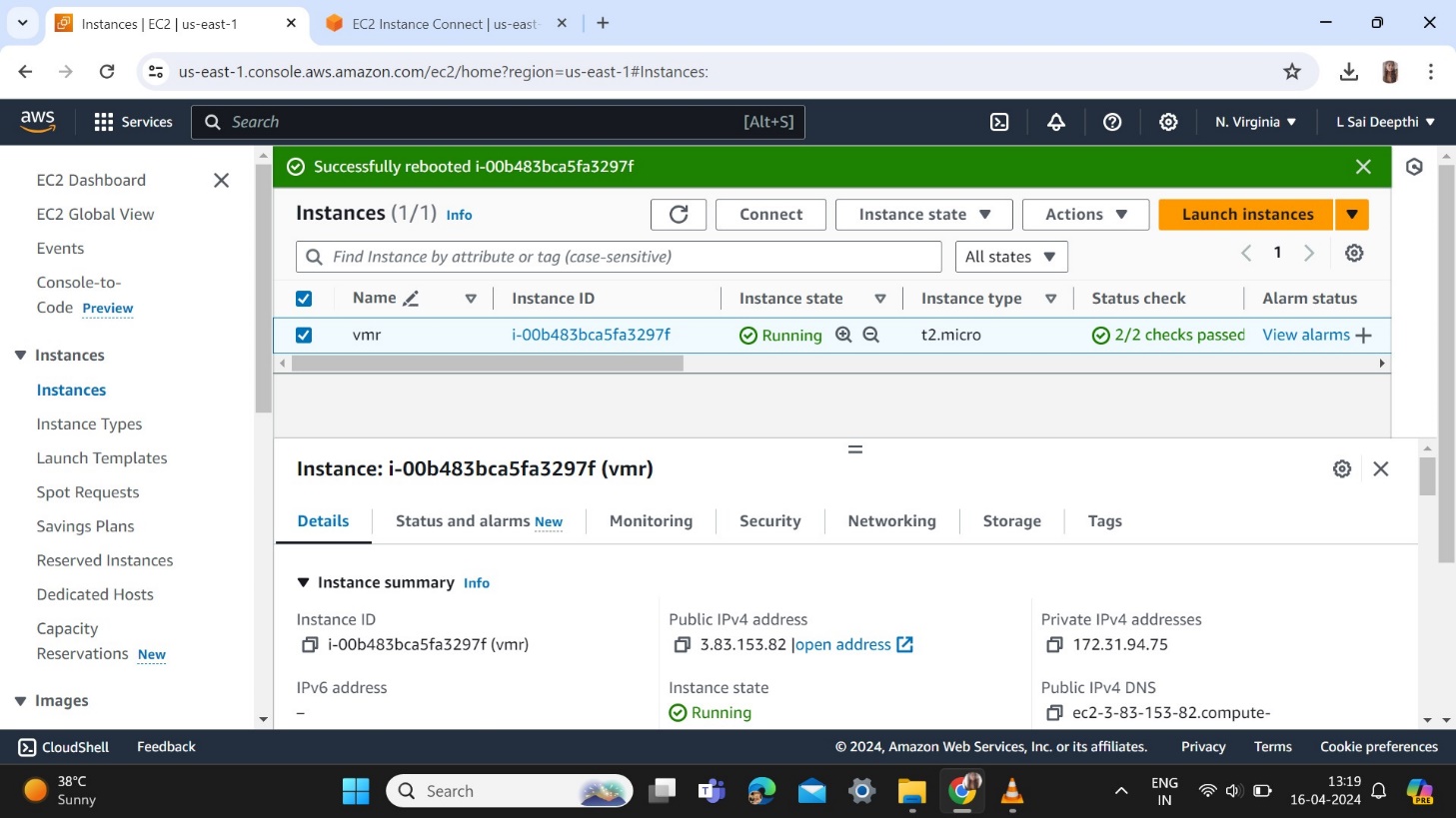
Step 2: Connect to the instance and we can see that the default storage is 8GB



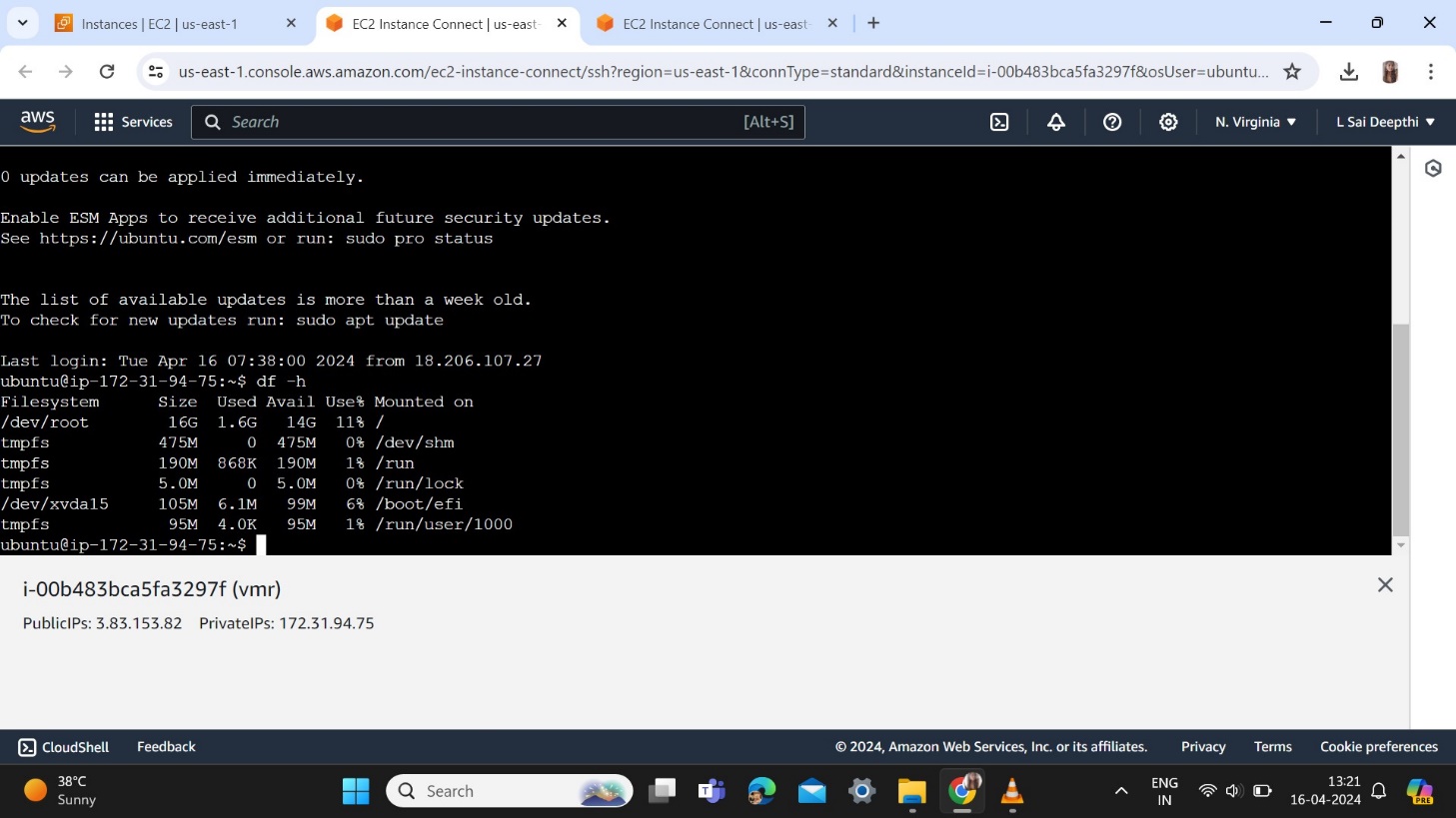
Step 3: Edit the size of the volume and update it, size will be of “16GB”



Step 4: Go to instance and Reboot the instance vmr

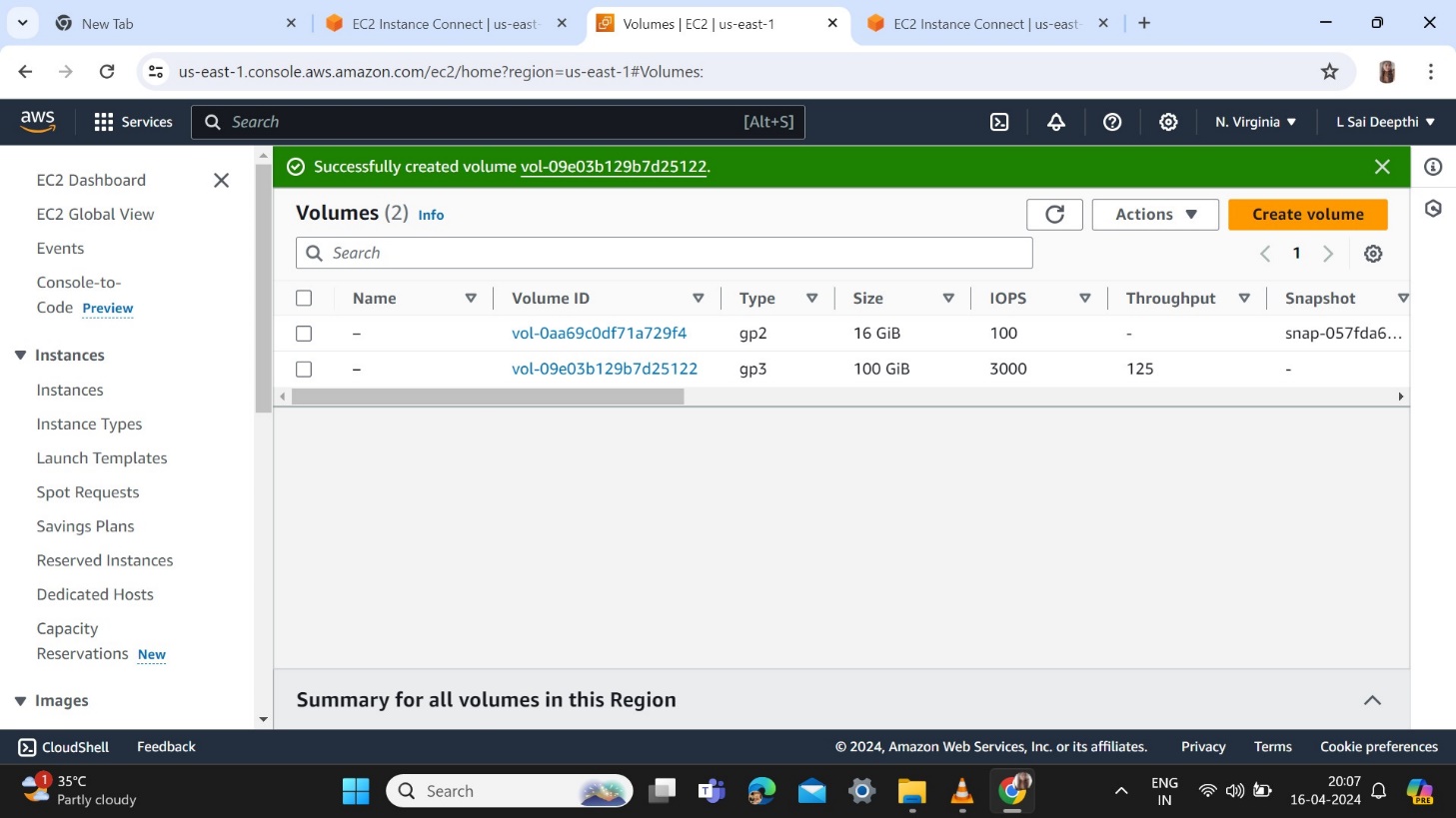


Step 5: Connect to the instance once again after rebooting and enter df -h then you will get 16G.

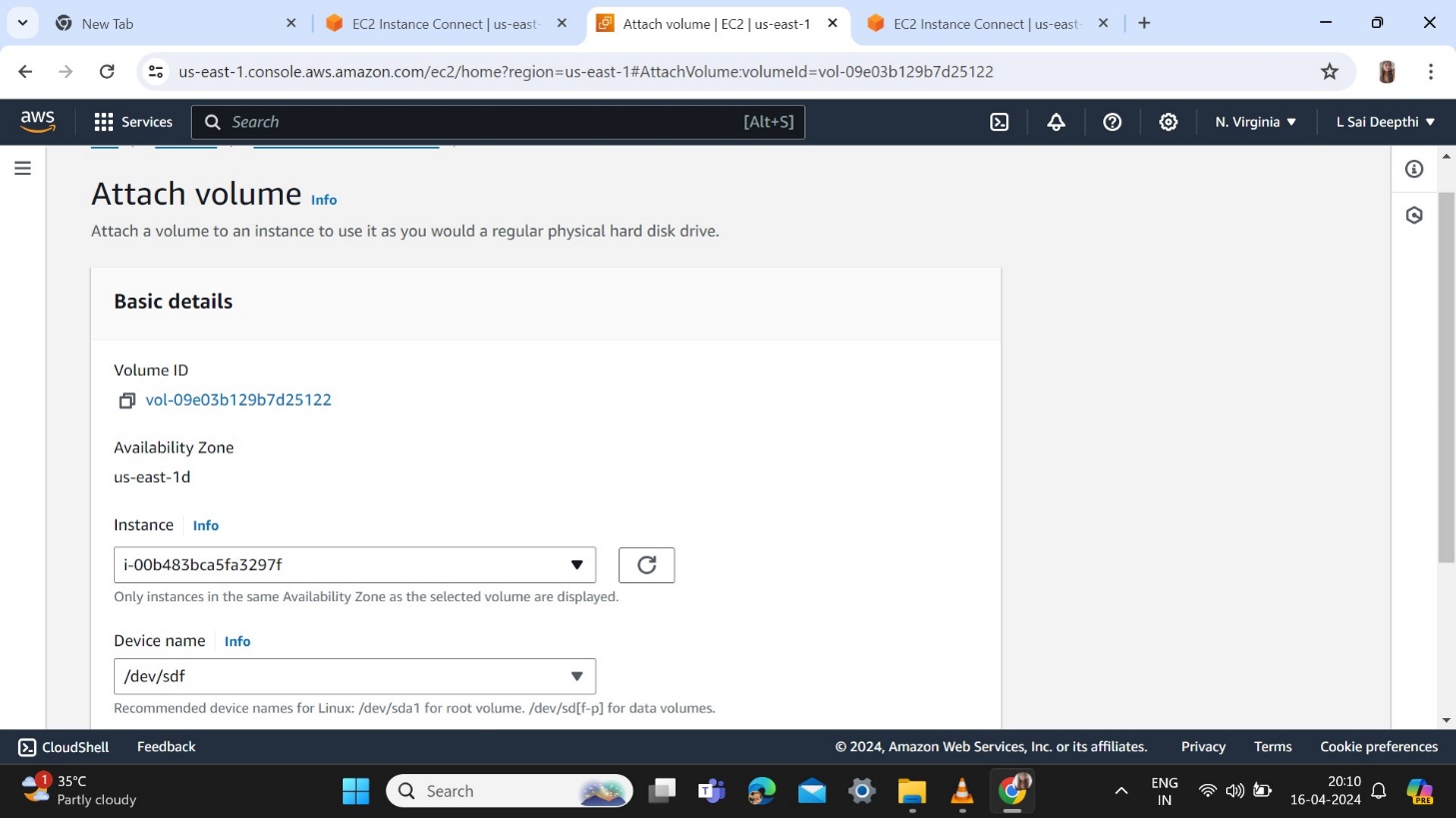


EBS

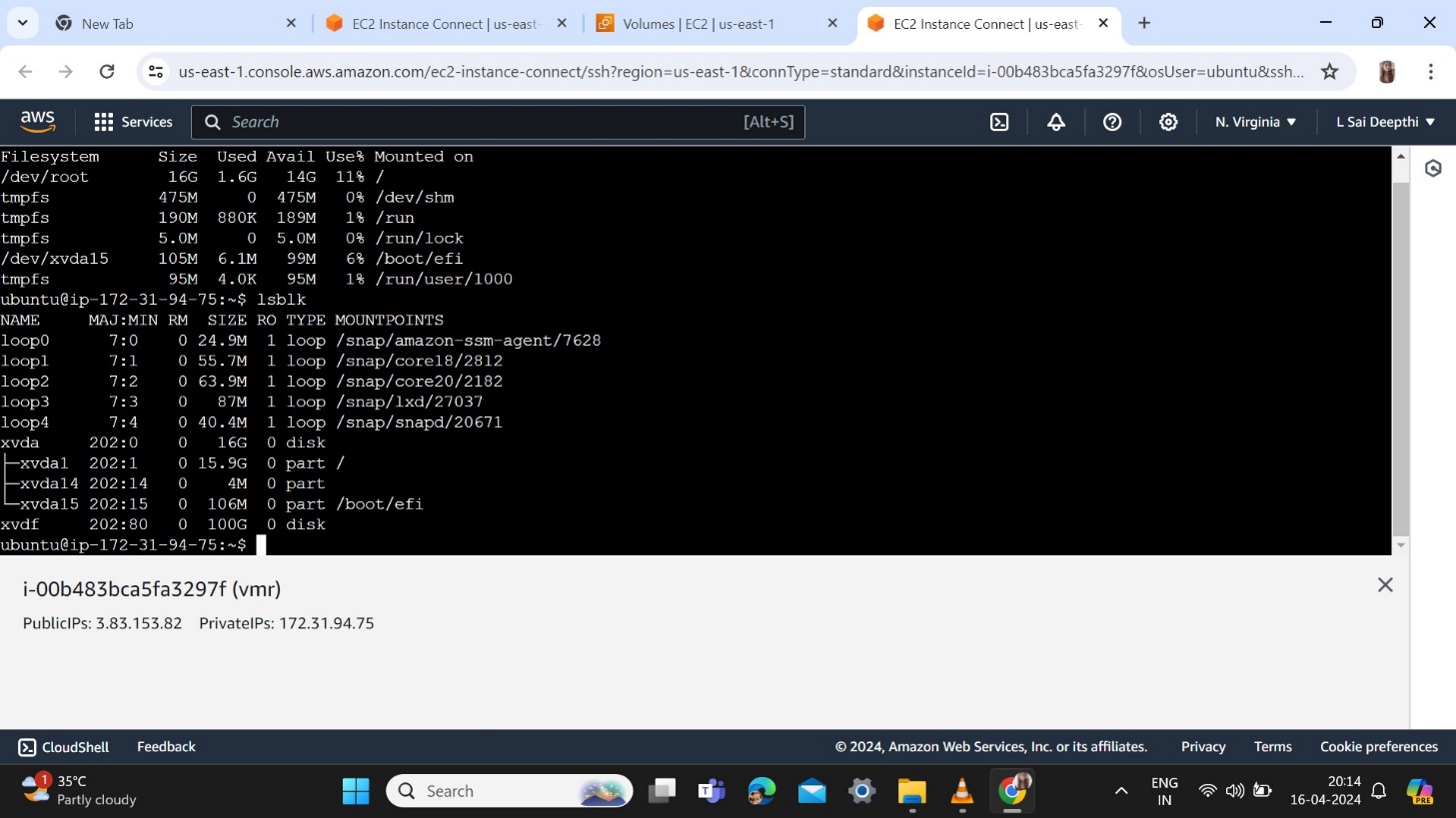
Step 6: Create a EBS volume where the availability zone is present.



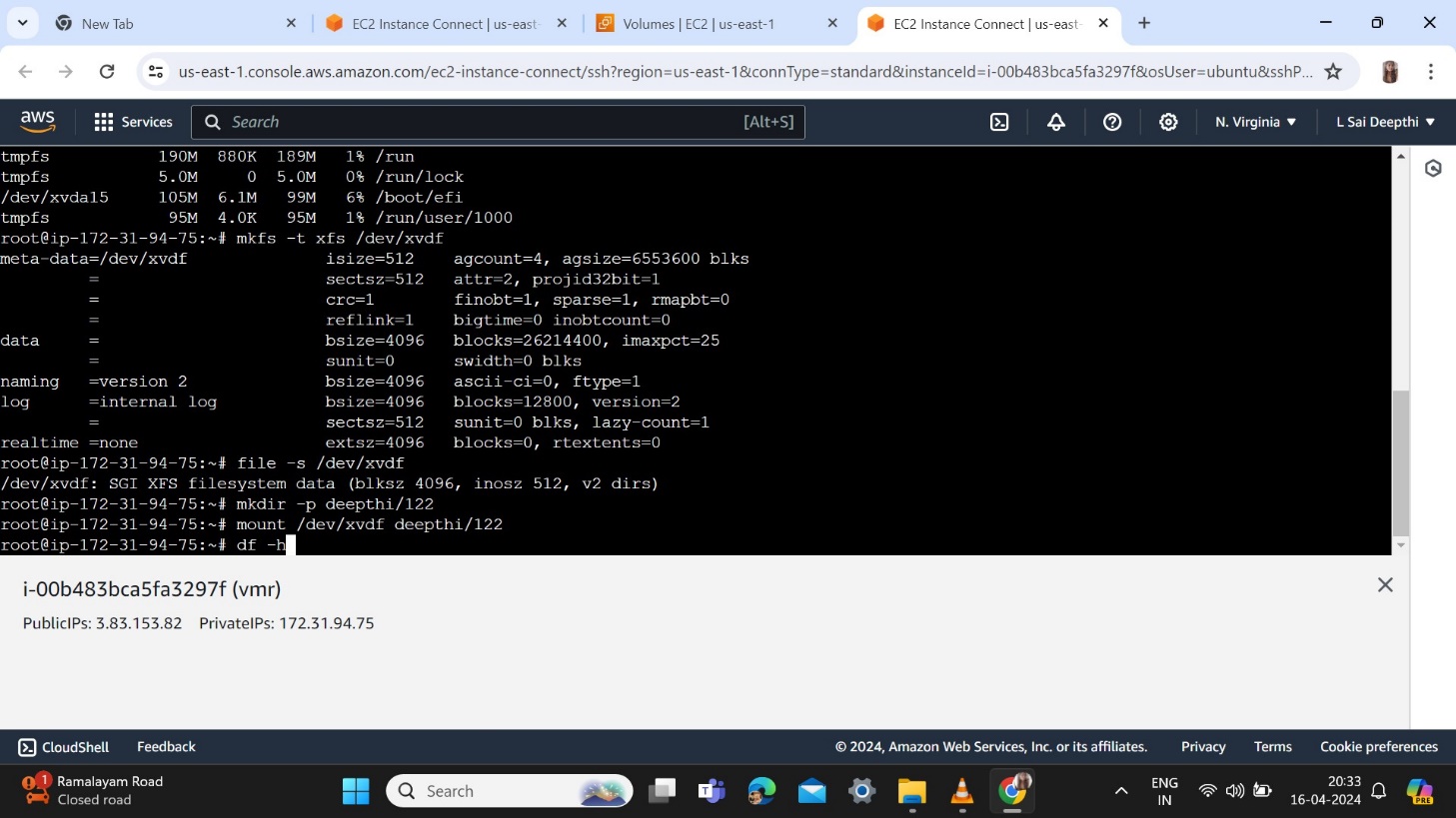
Step 7: Attach to the availability zone d and device name /dev/sdf then attach volume.



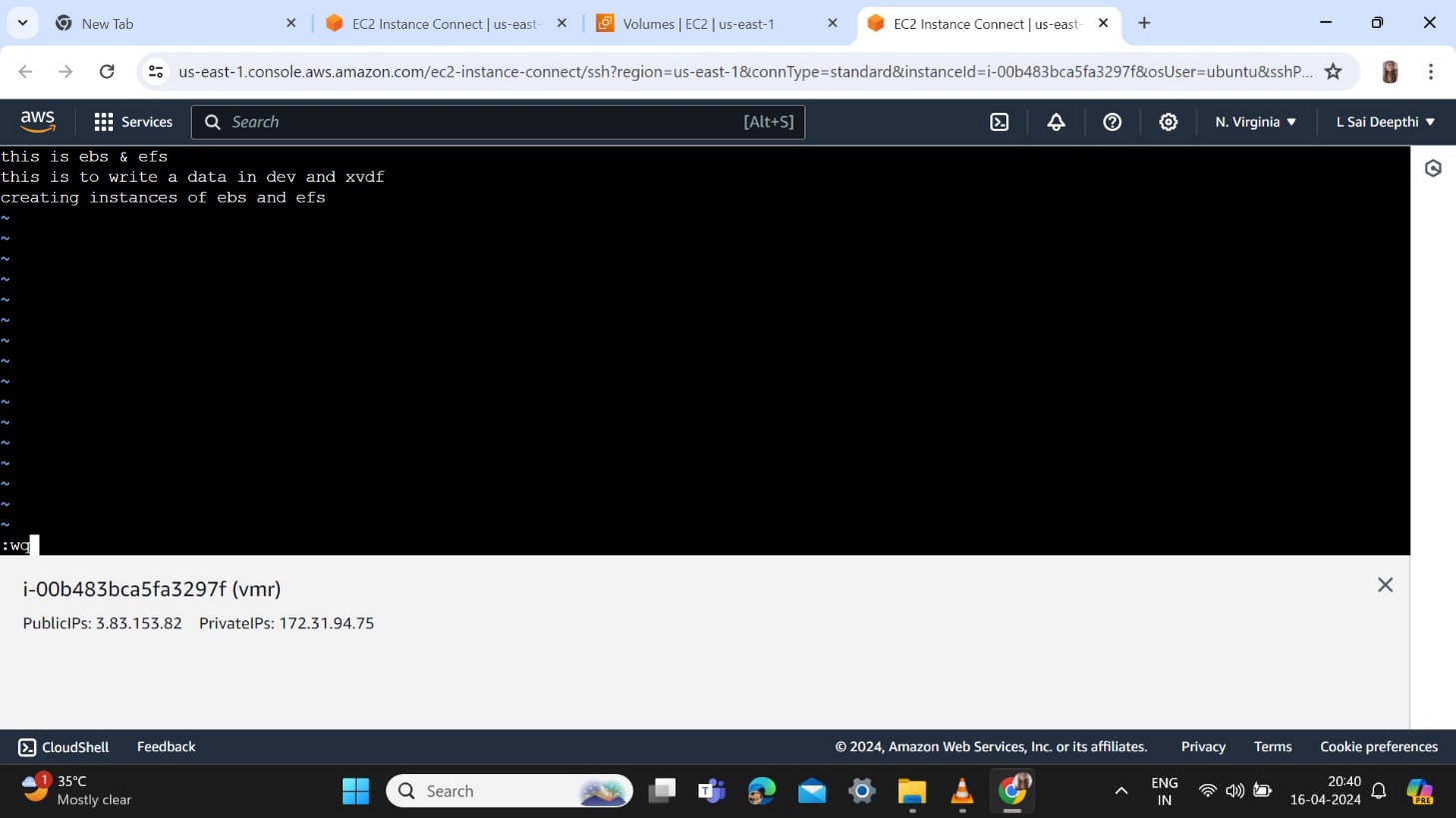
Step 8: We get 100G using lsblk command.

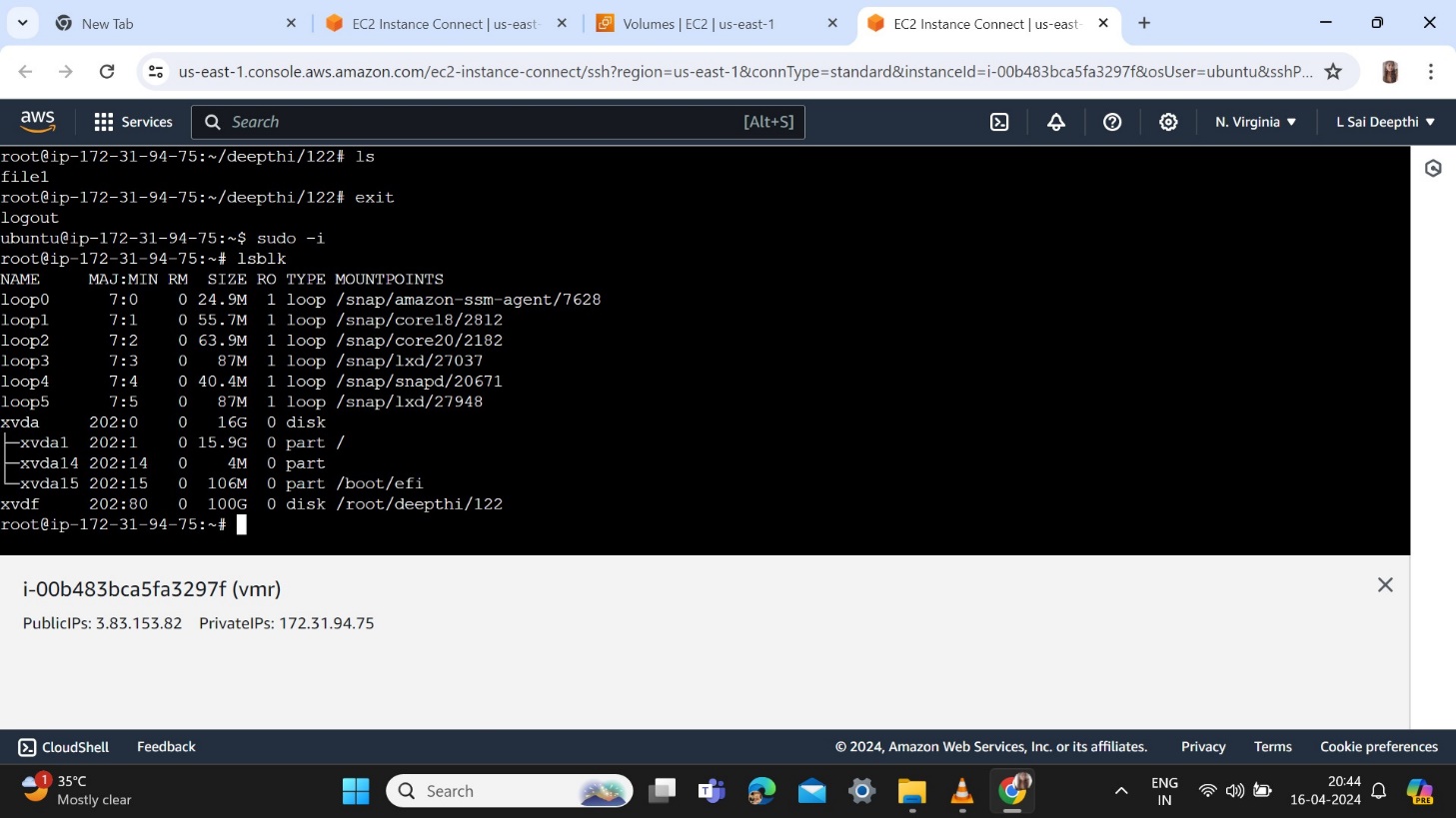


Step 9: To check if any file system file -s /dev/xvdf and a create a folder.



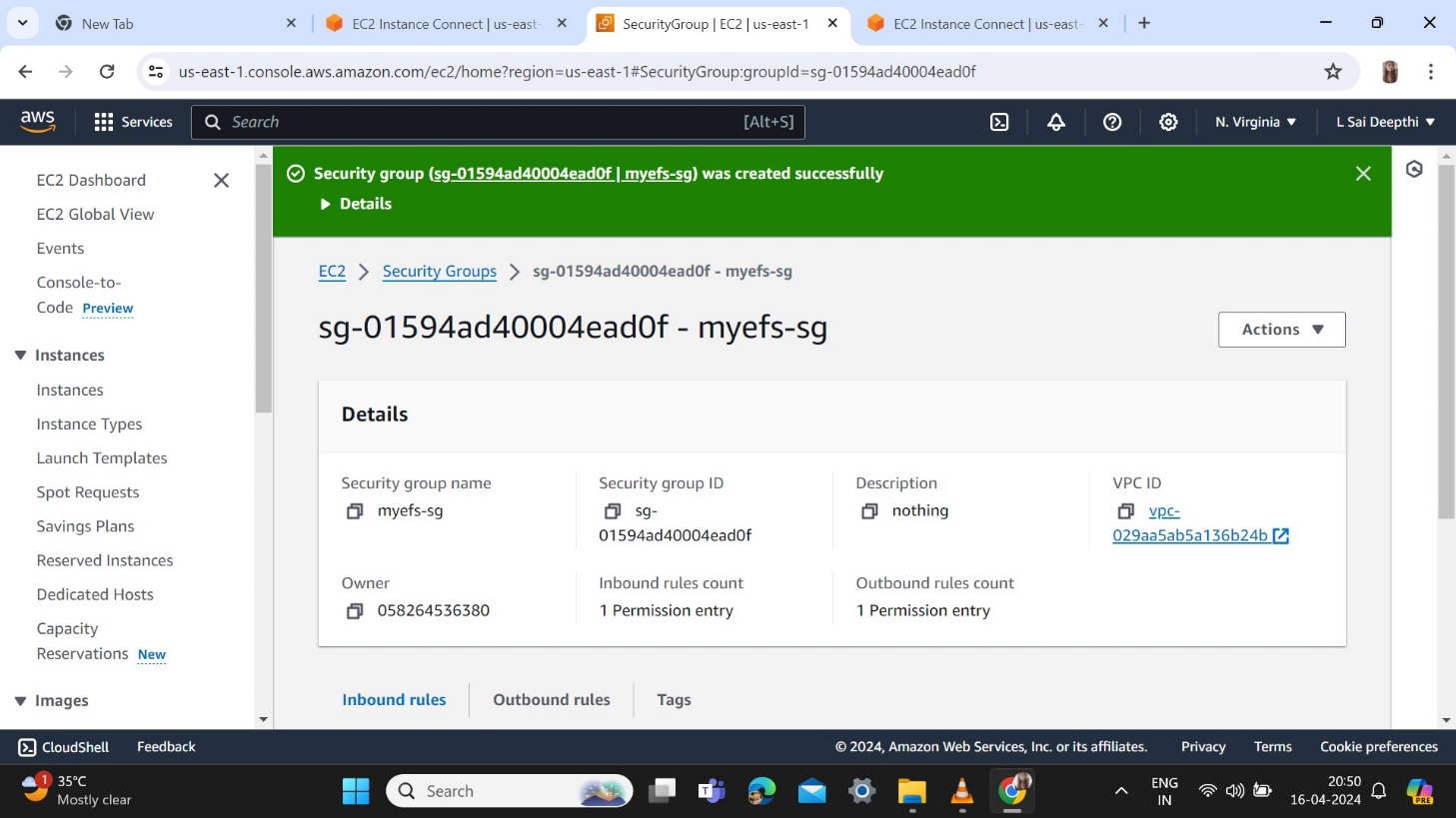
Step 10: Inserting data in file.



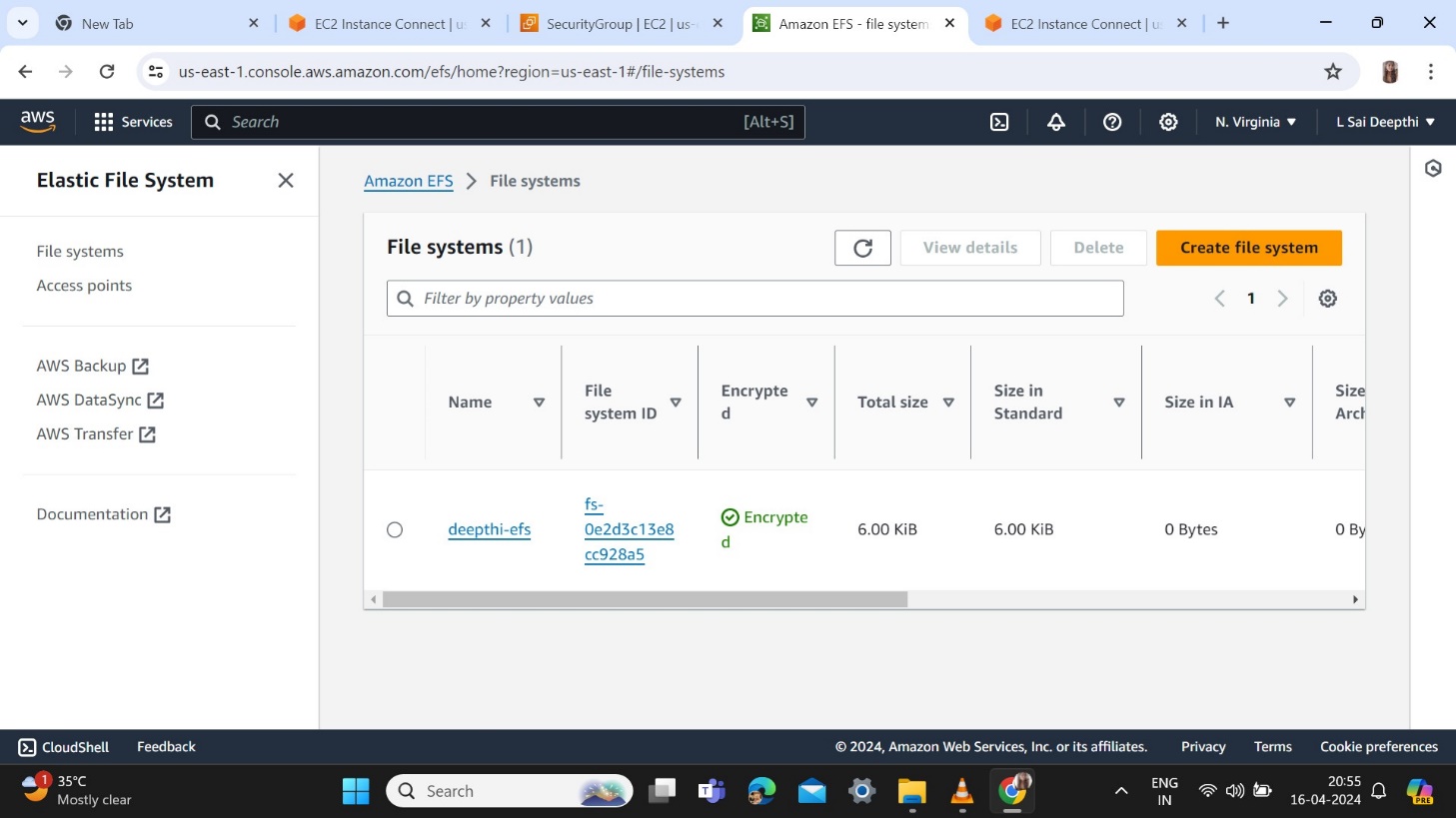


EFS

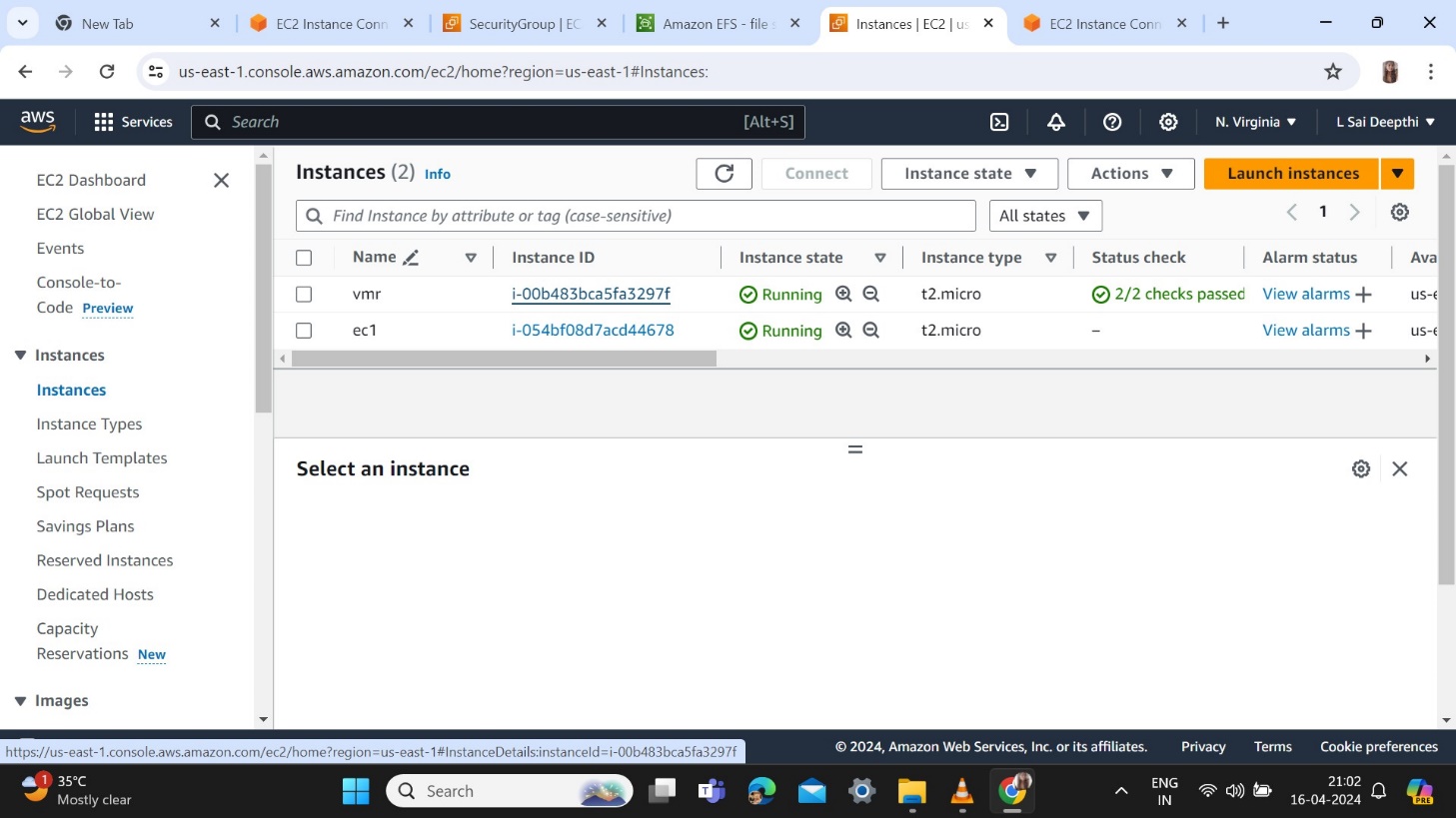
Step 11: Create a security group for EFS.

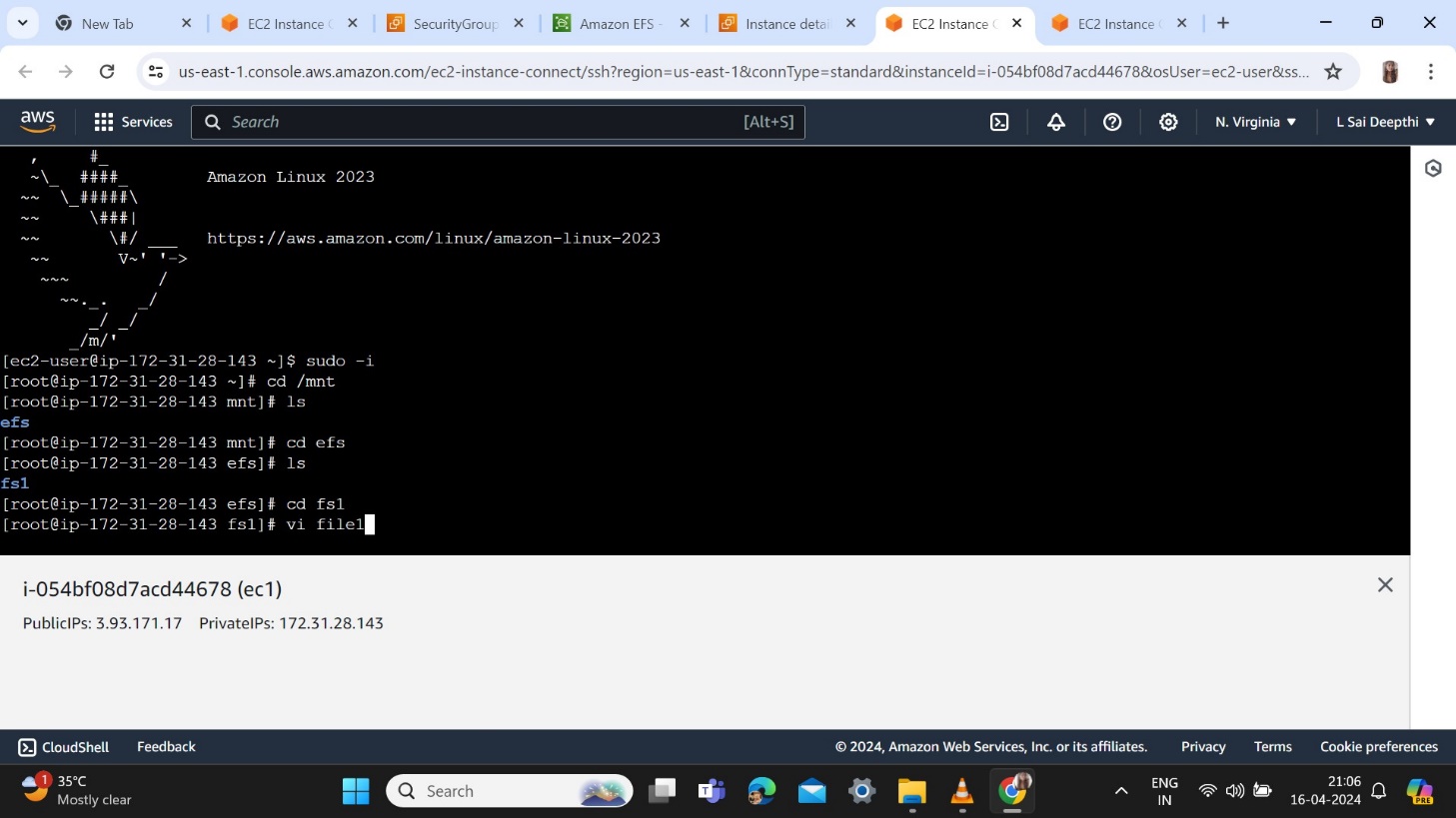


Step 12: Go to EFS and create a file system deepthi-efs.

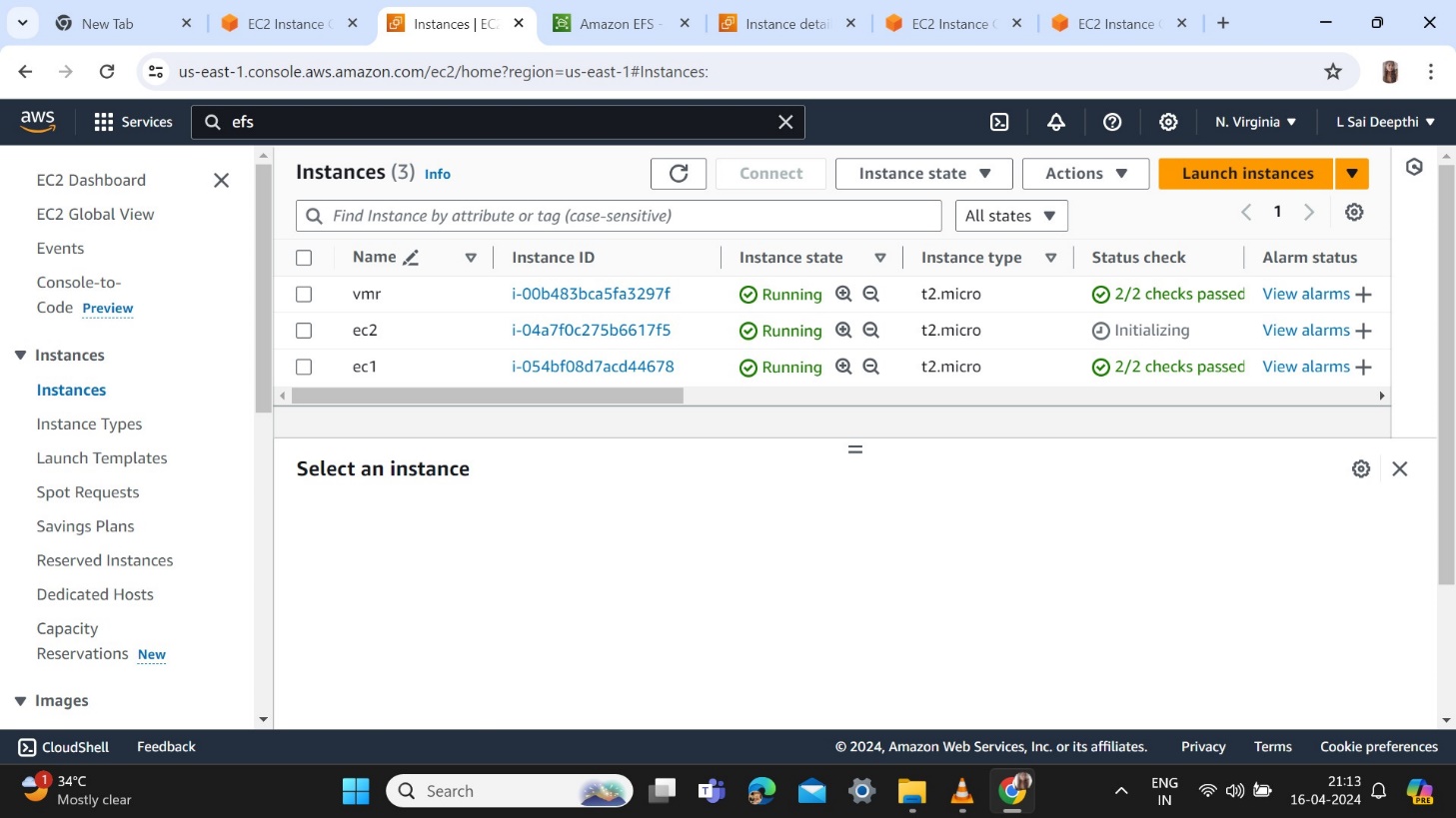


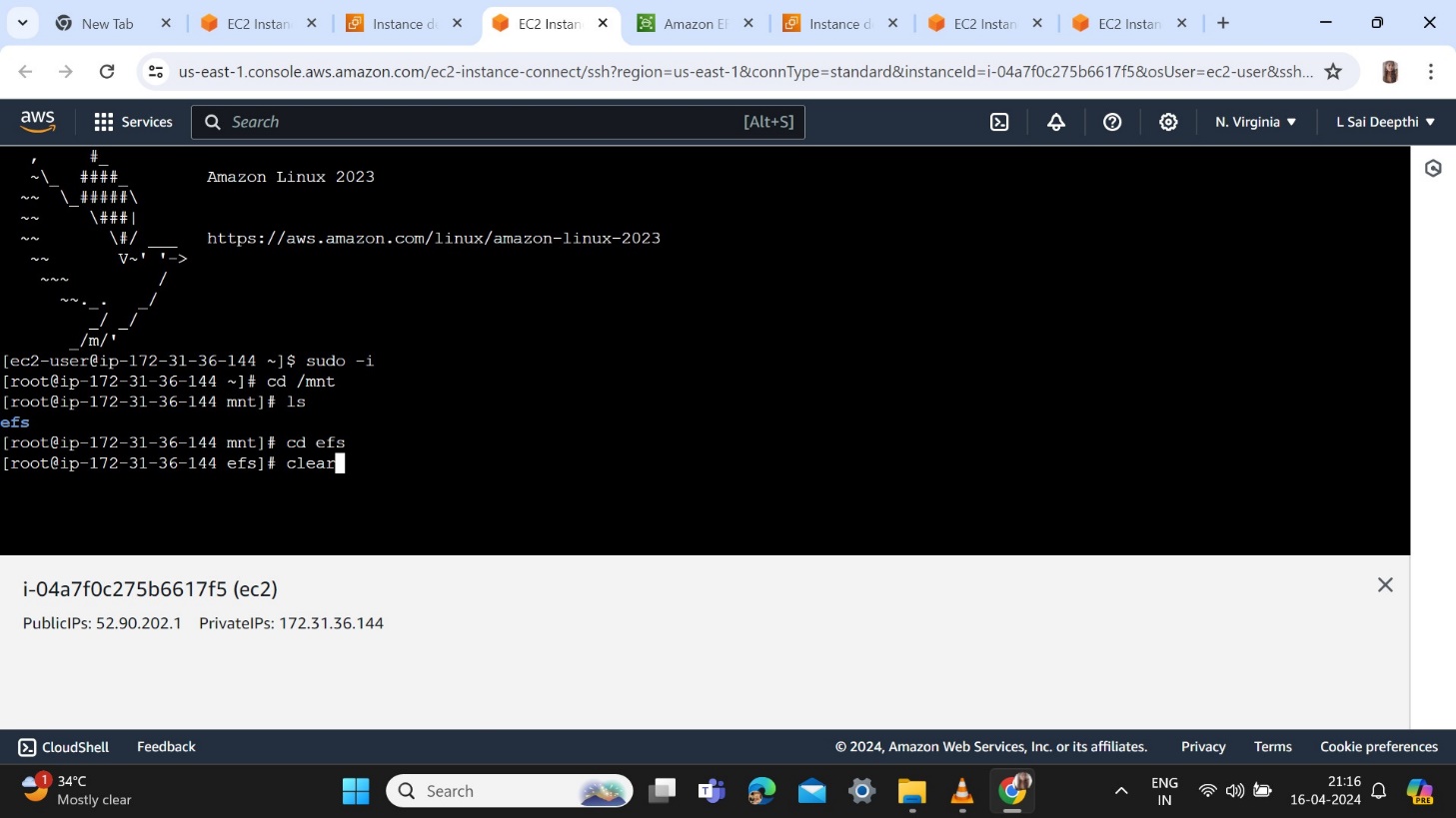
Step 13: Create EC2 instance with ec1 name and connect .





Step 14: Create a EC2 instance of name ec2 and connect.





Step 15: Creating files and directories in both ec1 and ec2 instances .The created files in ec1 reflected in ec2.

