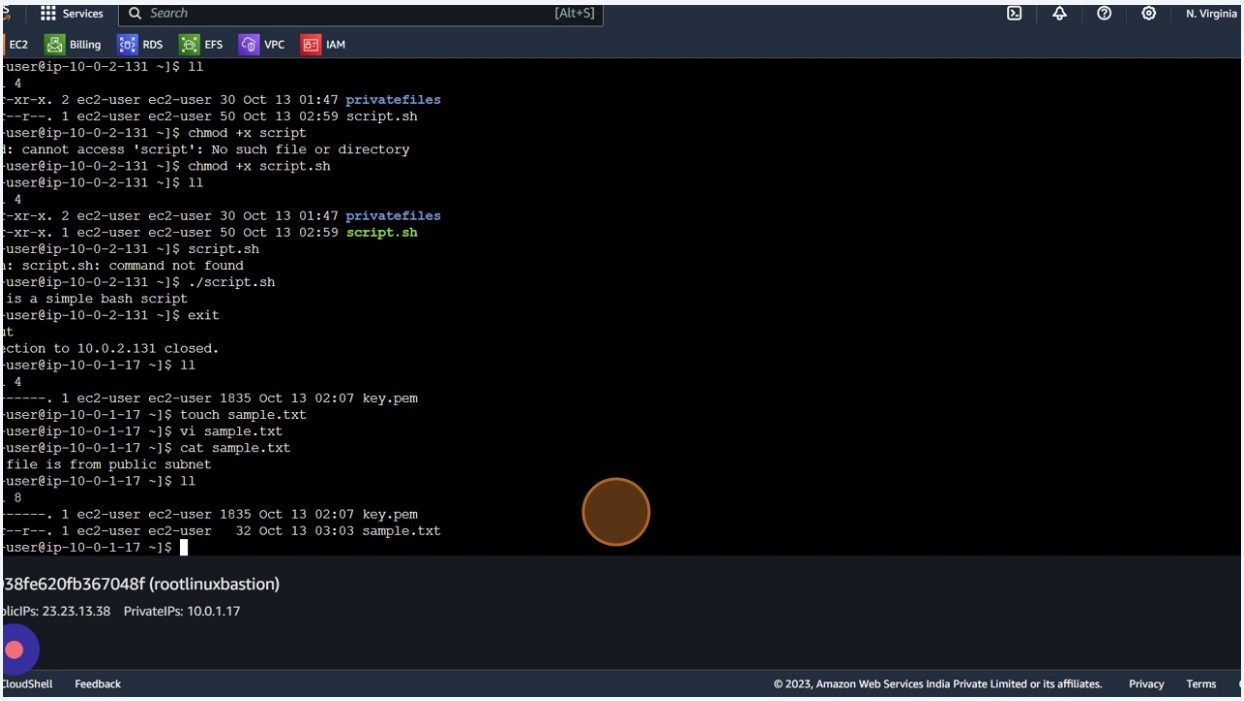
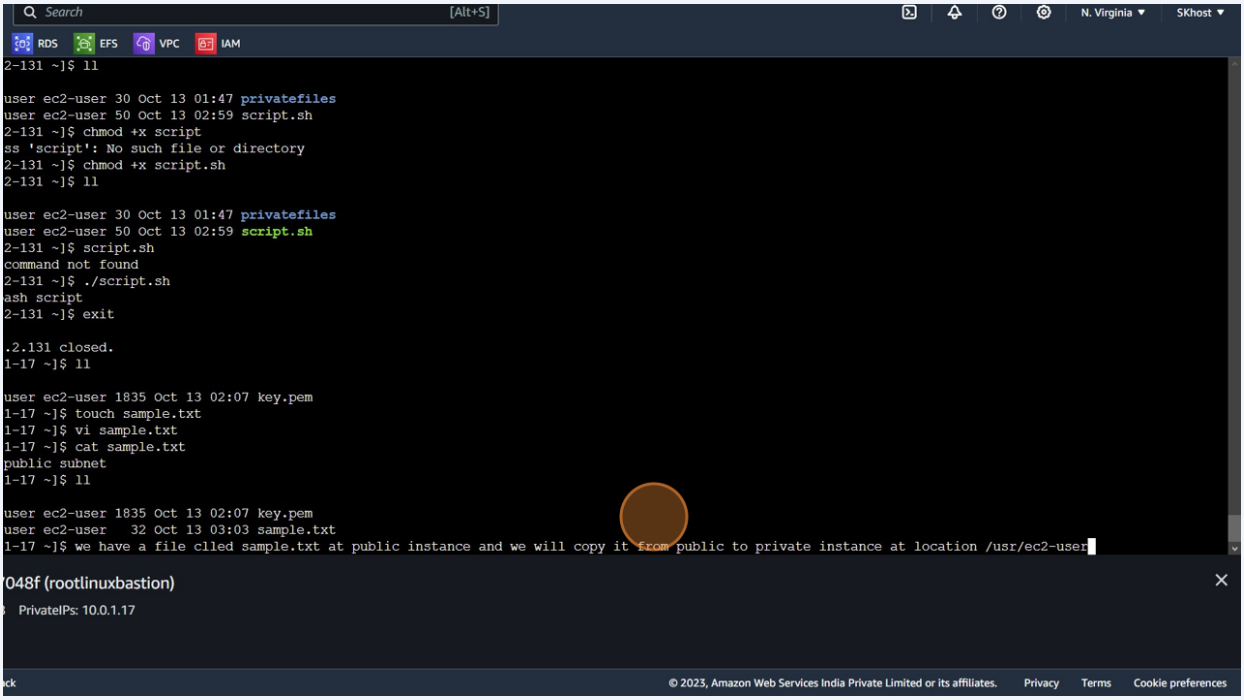
Copying a File from Public to Private Instance in AWS EC2

1 SSH into public instance

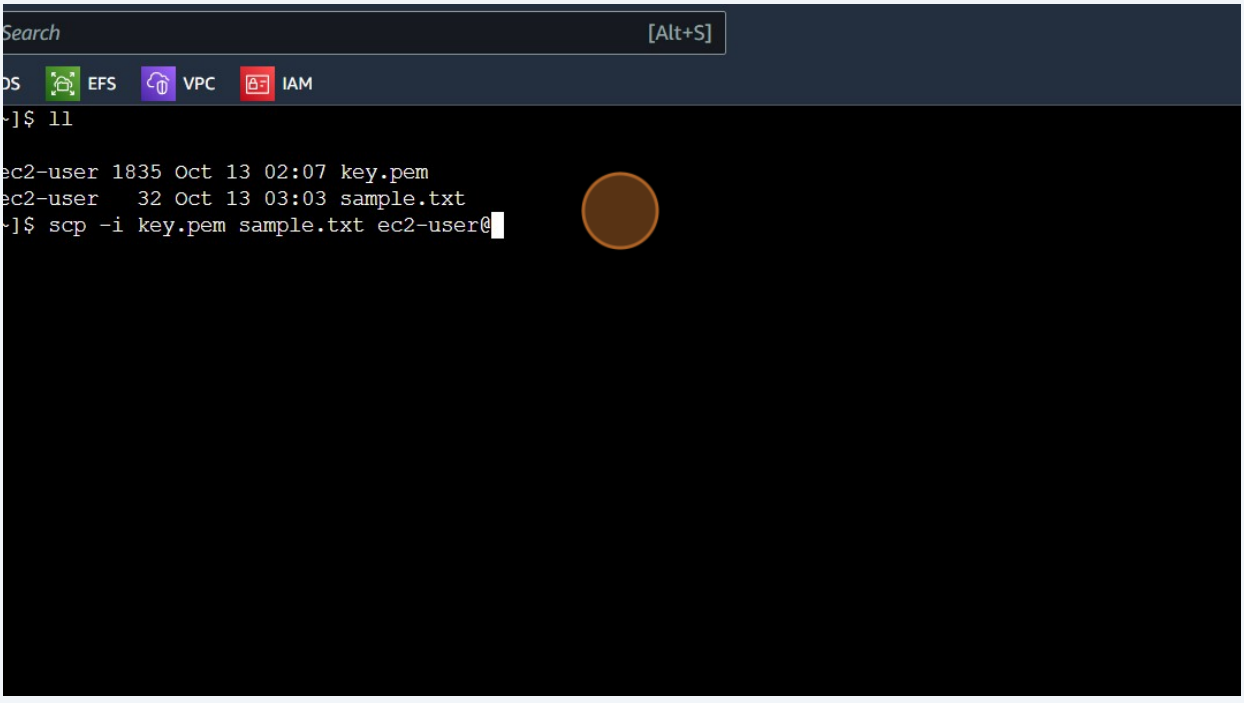


2 We have a file called sample.txt at public instance
We will now copy this file to private instance

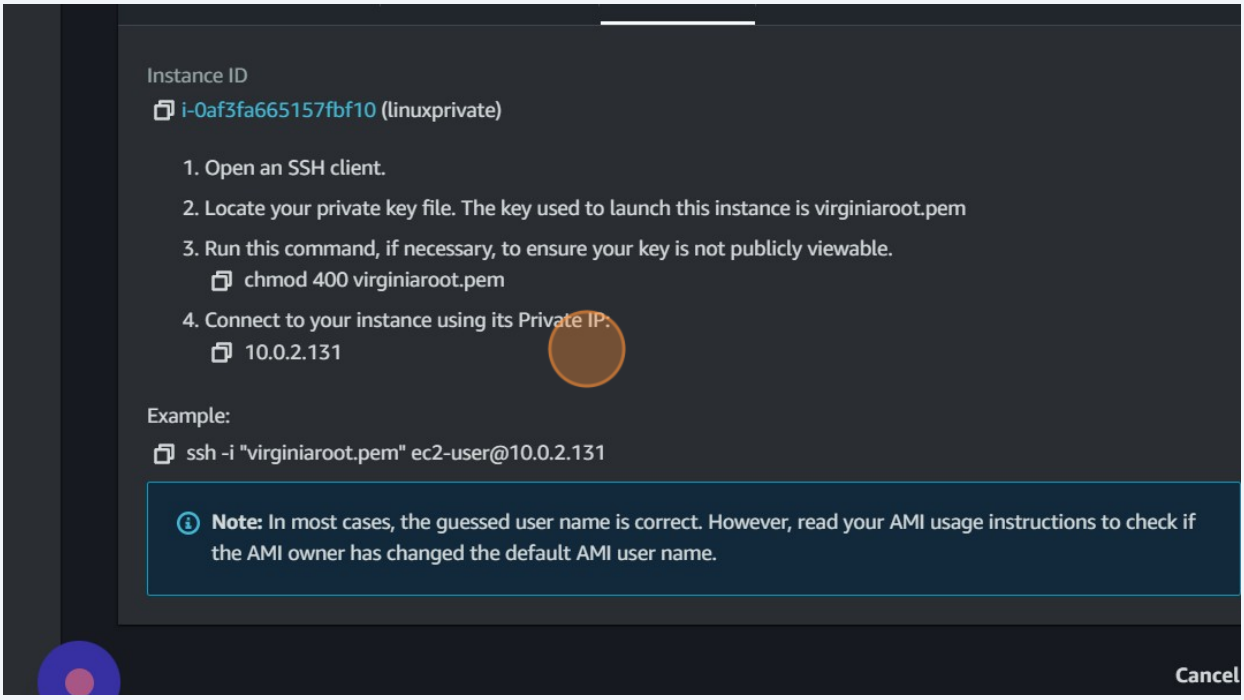


3 Pre-request- The pem key should be available , in order to copy the file

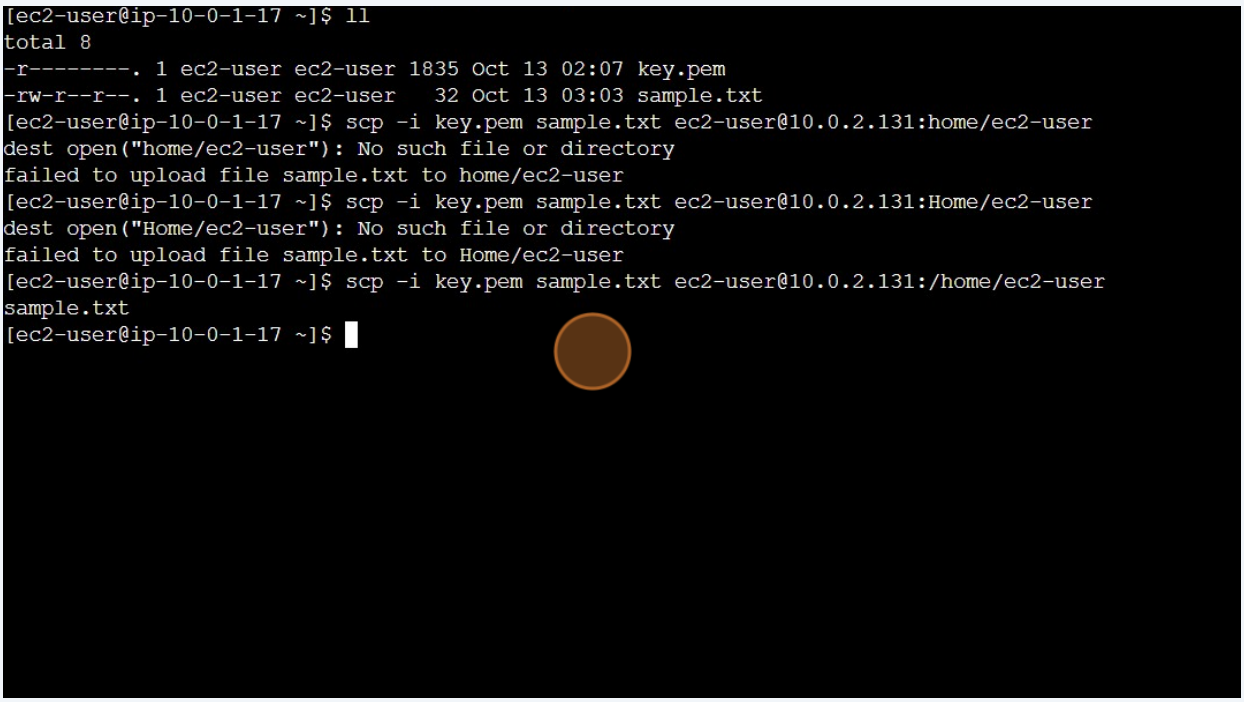
we will use 'scp' command to copy the file securely
command:
scp -i <pem keyname><filename which needs to copy> ec2-user@<provide the private ip of private instance>:<location where you want to copy the file>



4 Go to your private instance and copy private ip

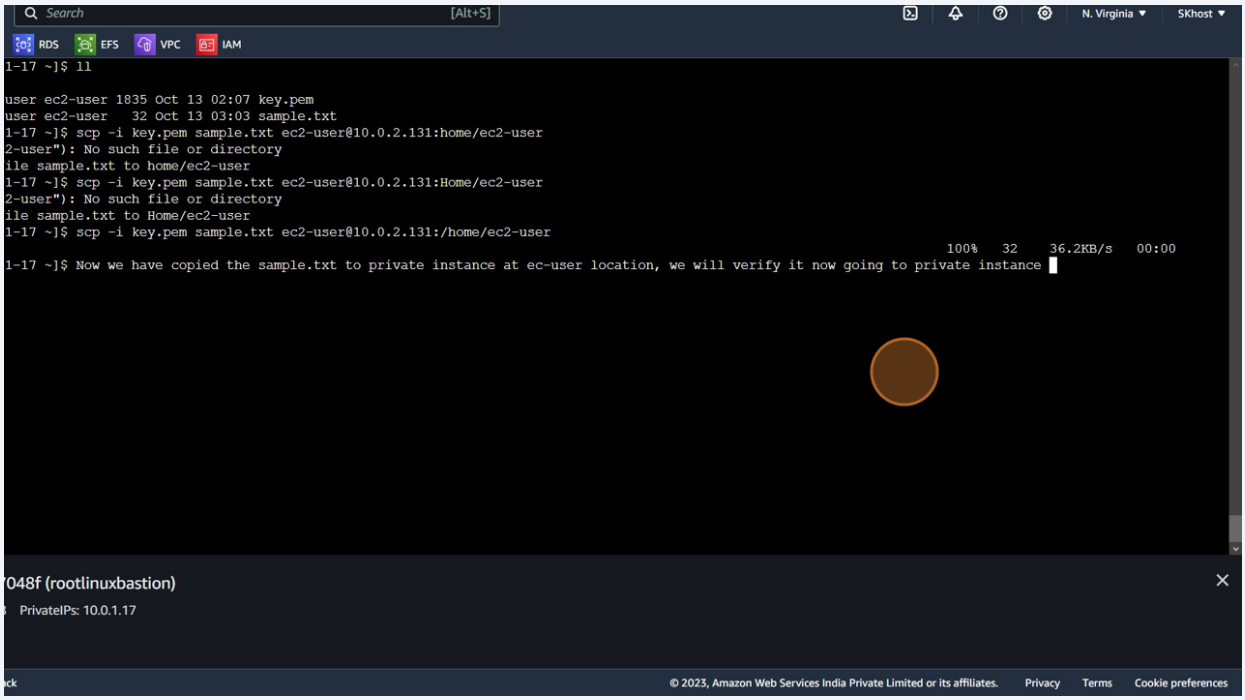


5 in this case:
scp -i key,pem sample.txt ec2-user@10.0.2.131:/home/ec2-user



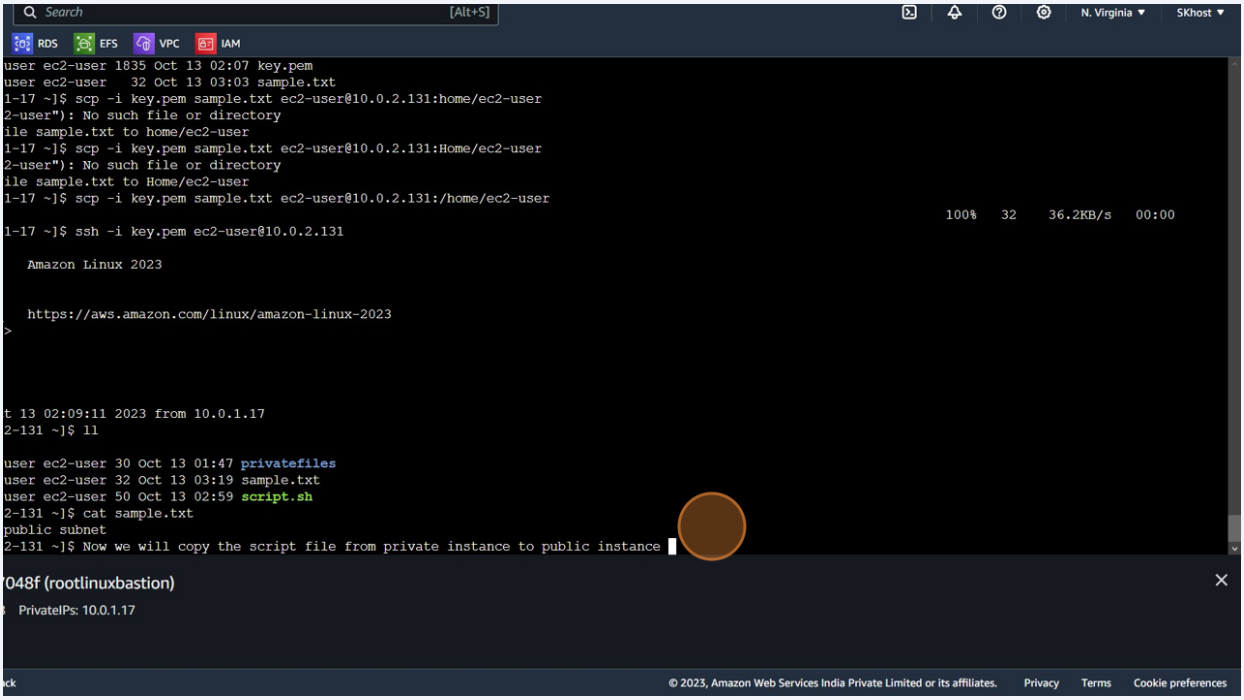
6 Type "Now we have copied the sample.txt to private instance at ec-user location, we will verify it now going to private instance"

7 ssh into private instance
command
ssh -i pem.keyec2-user@10.0.2.131



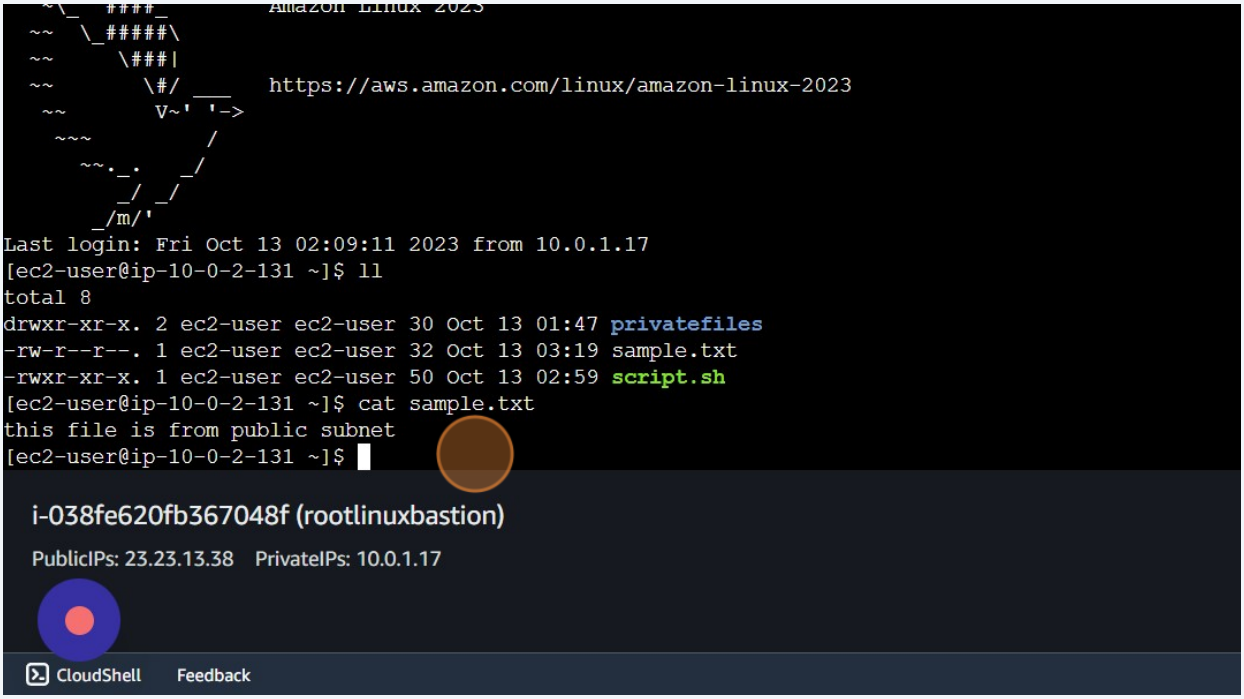
8 The file successfully copied at desired location

9 Now we will copy the script file from private instance to public instance

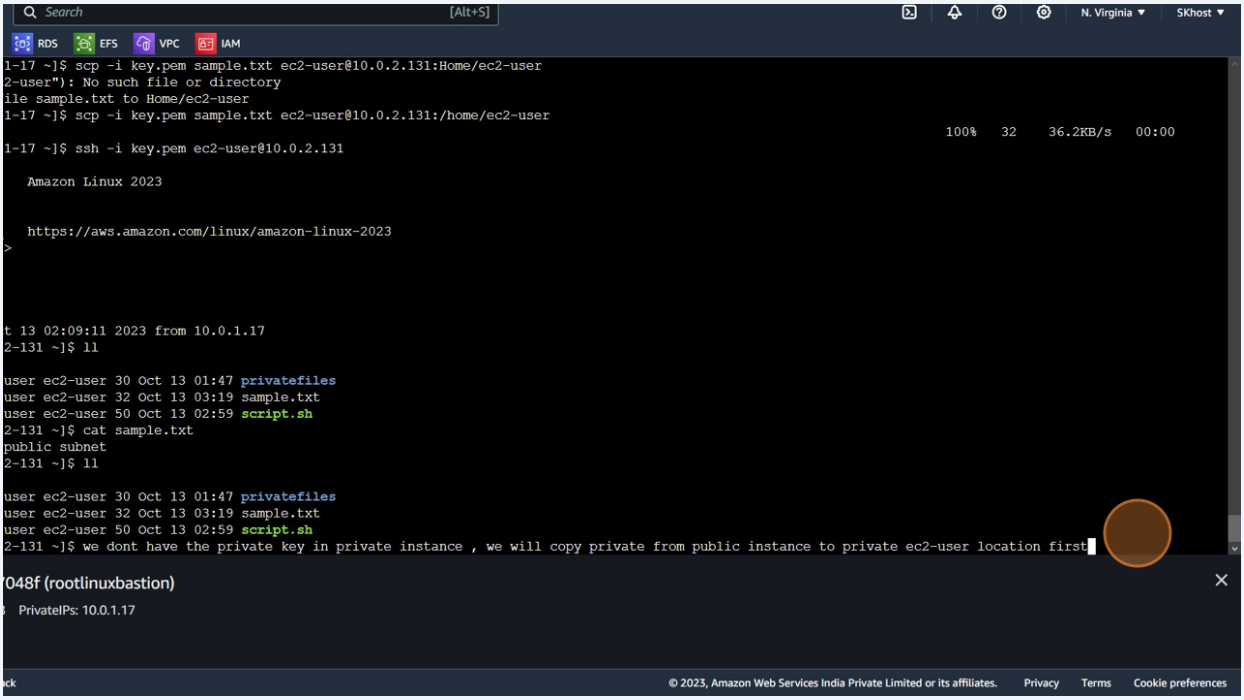


10 verify the content using below command

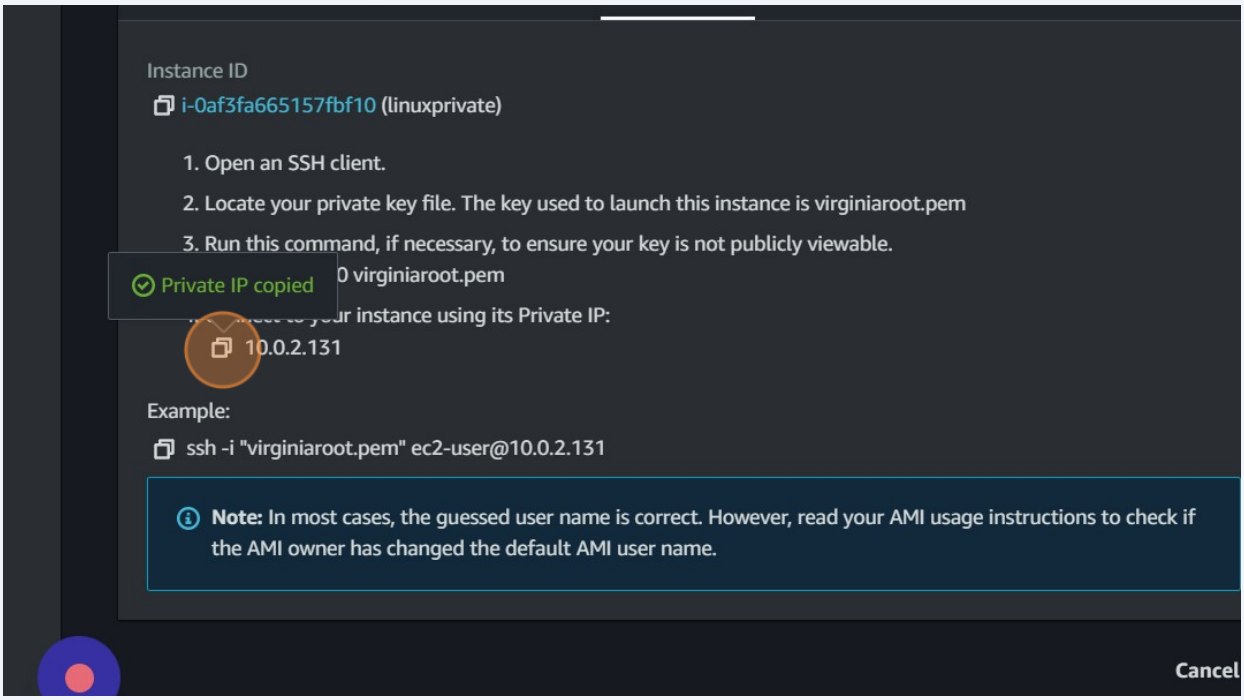
cat sample.txt



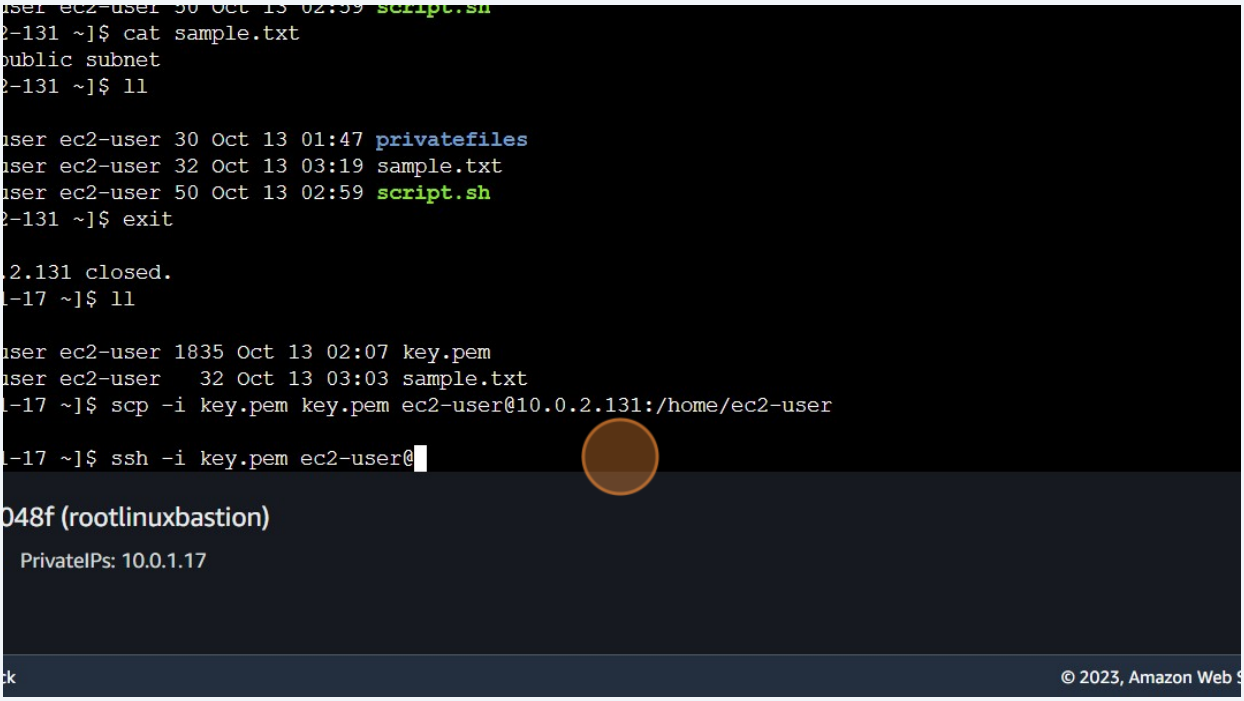
11 Since we don't have the private key in private instance , we will copy private from public instance to private ec2-user location first



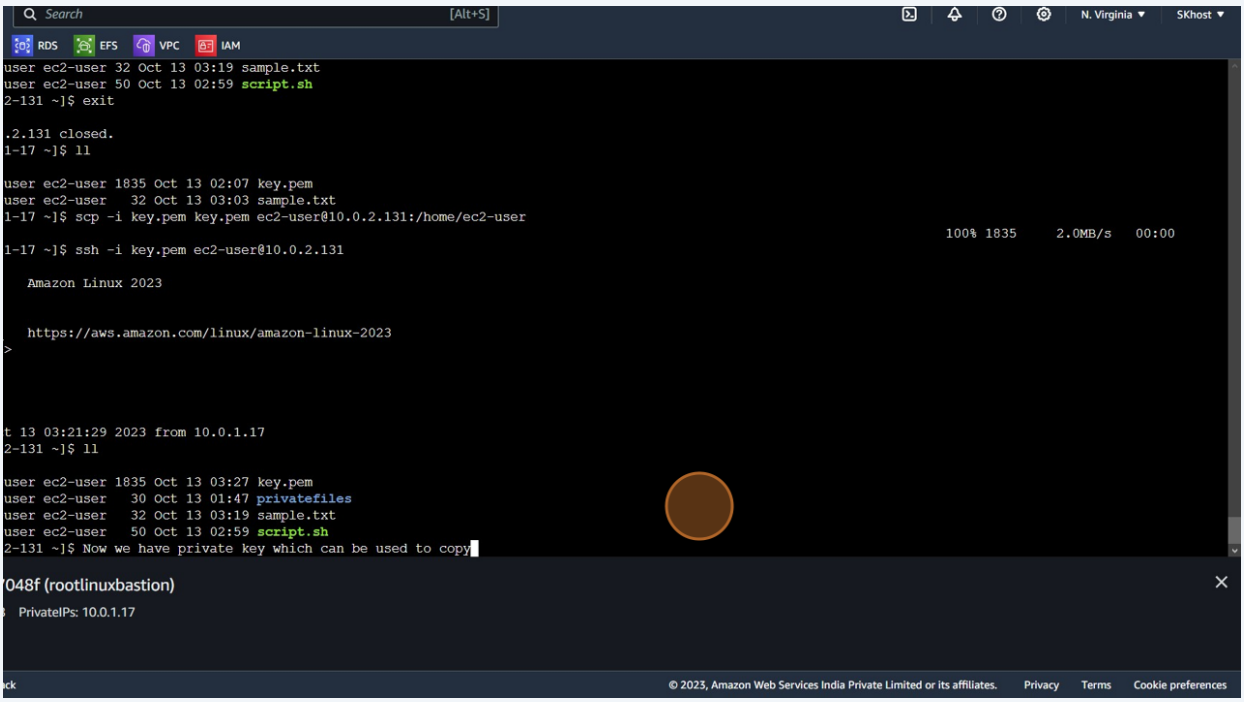
12 exit from private instance and go to public instance in linux terminal
Copy the private instance ip



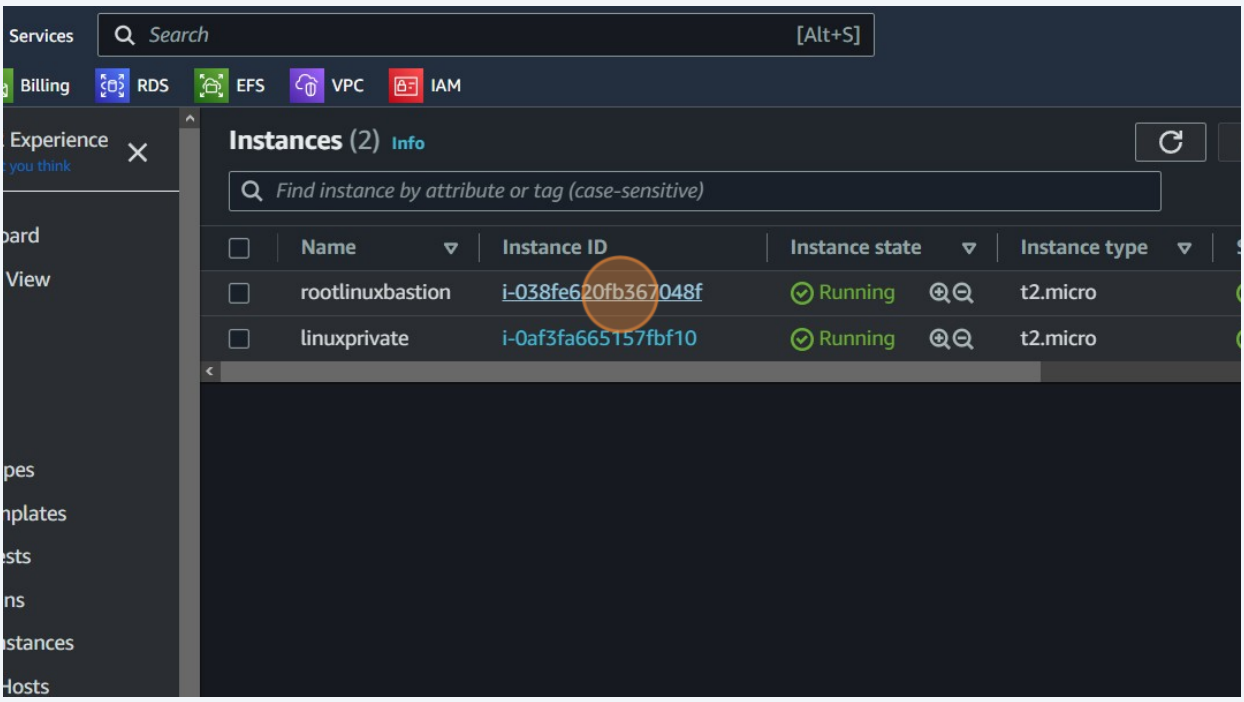
13 We need to copy the pem key like we copied the sample text file to private instance
in this case:
scp -i key,pem key.pem ec2-user@10.0.2.131:/home/ec2-user



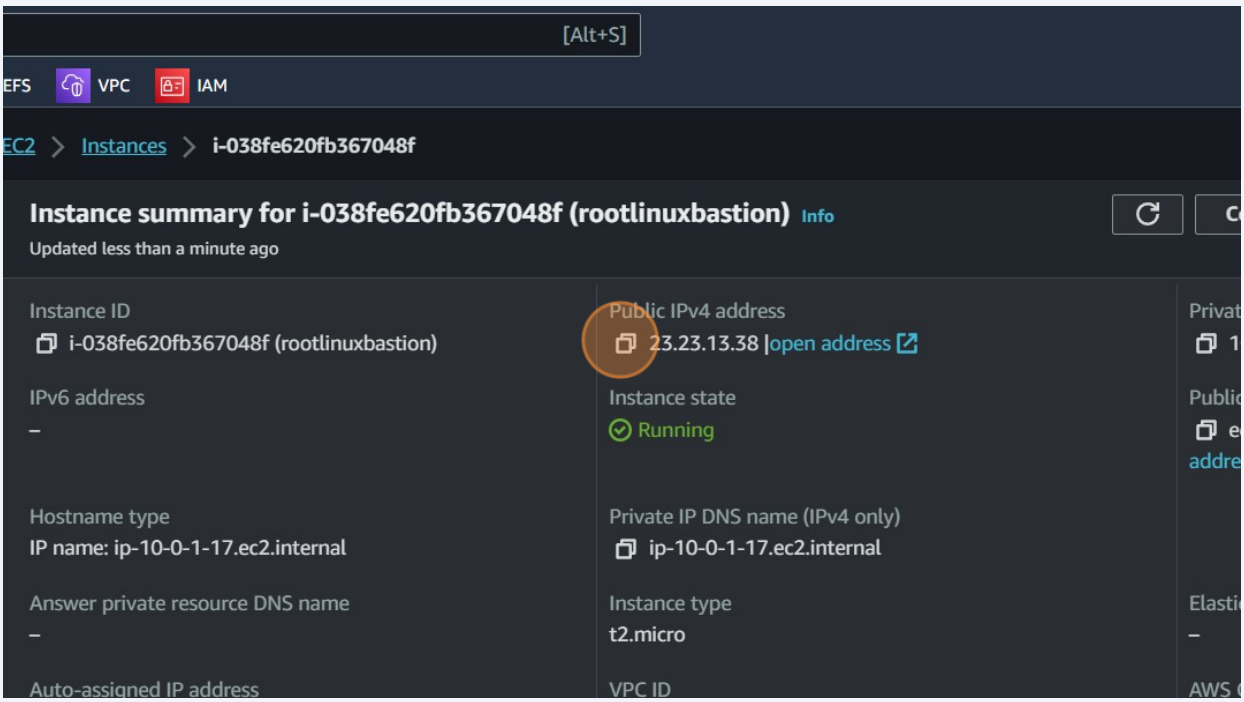
14 switch to private instance
ssh -i key.pem ec2-user@<private instance private ip>
in this case: ssh -i key,pem ec2user@10.0.2.131



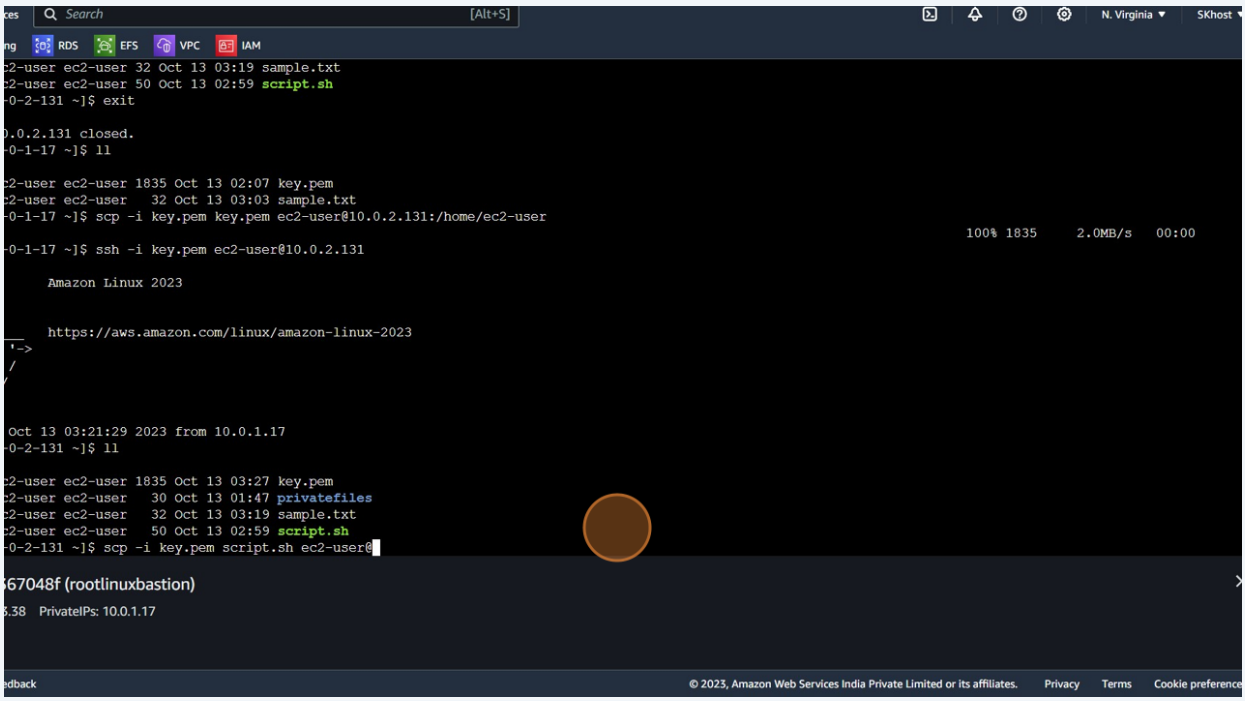
15 take the public instance ip



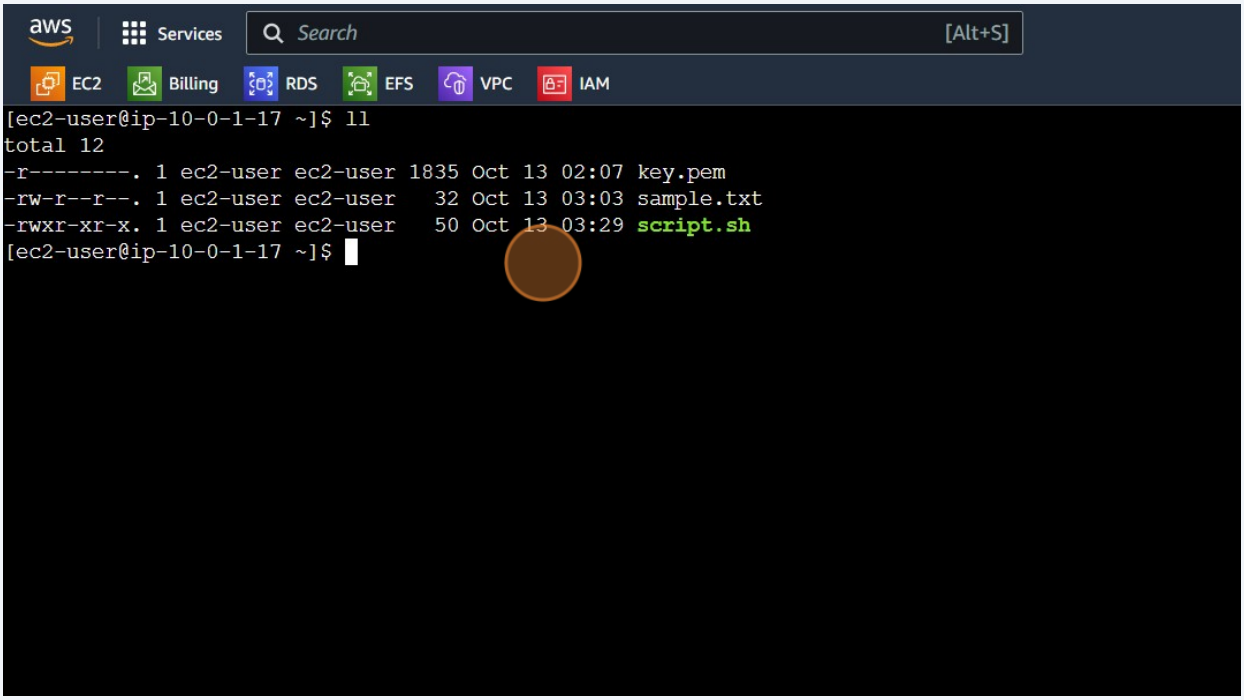
16 copy public ip



17 scp -i <pem key name> <file name> ec2-user@<public instance ip>:<desired location>



18 Now switch back to public instance and verify if the file is present/copied to the desired location



19 Click here.