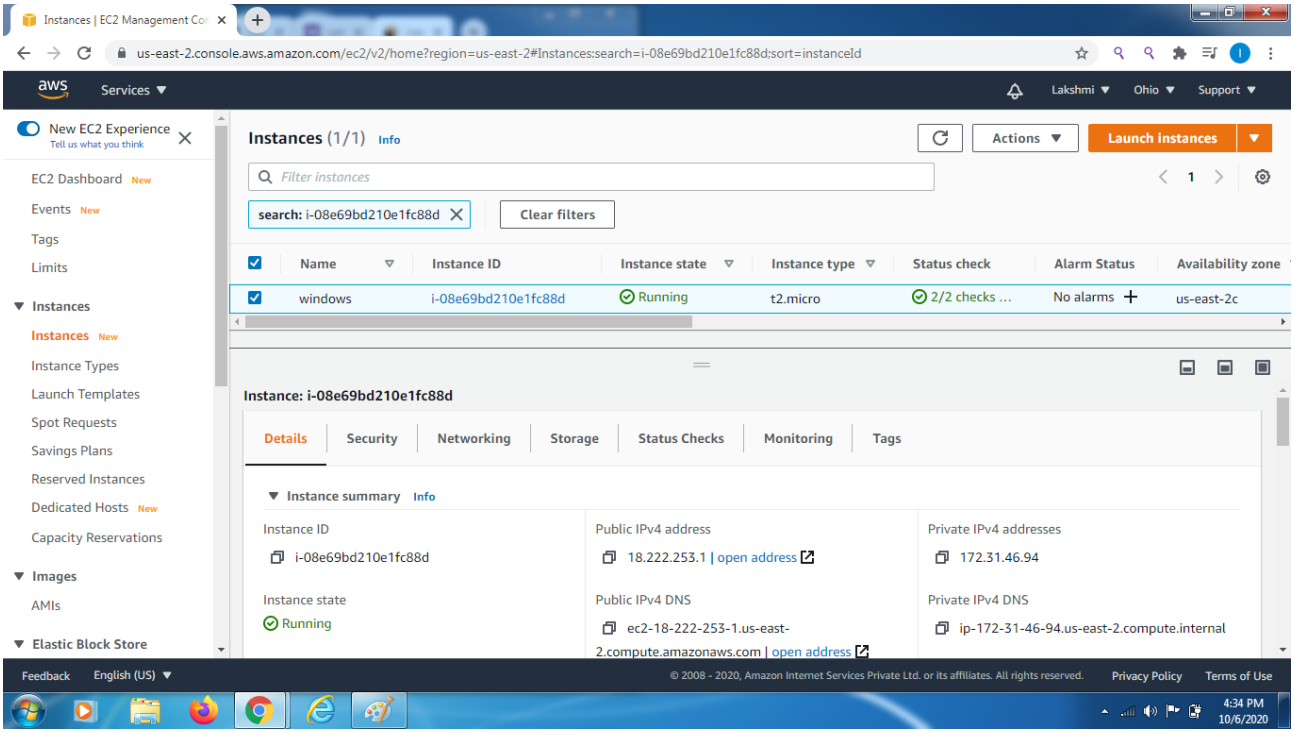
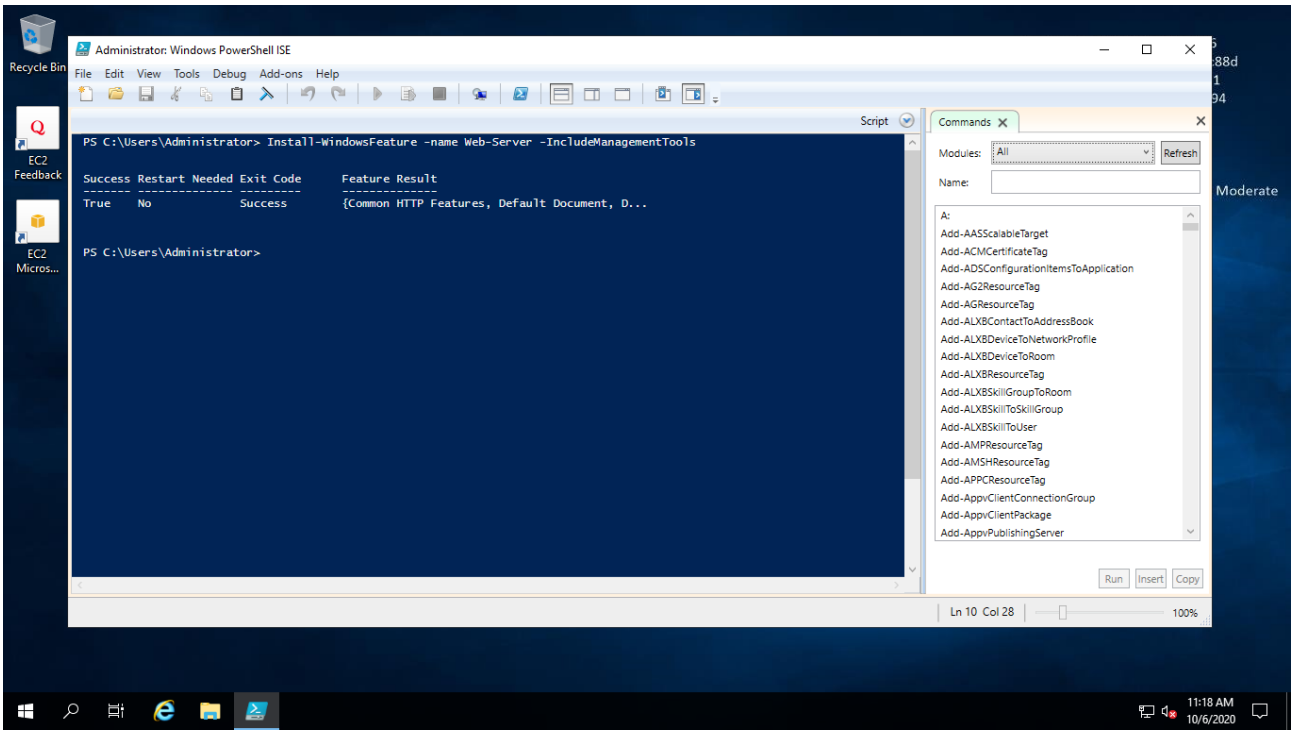
PROJECT 1:
Deploying a web server in Windows instance

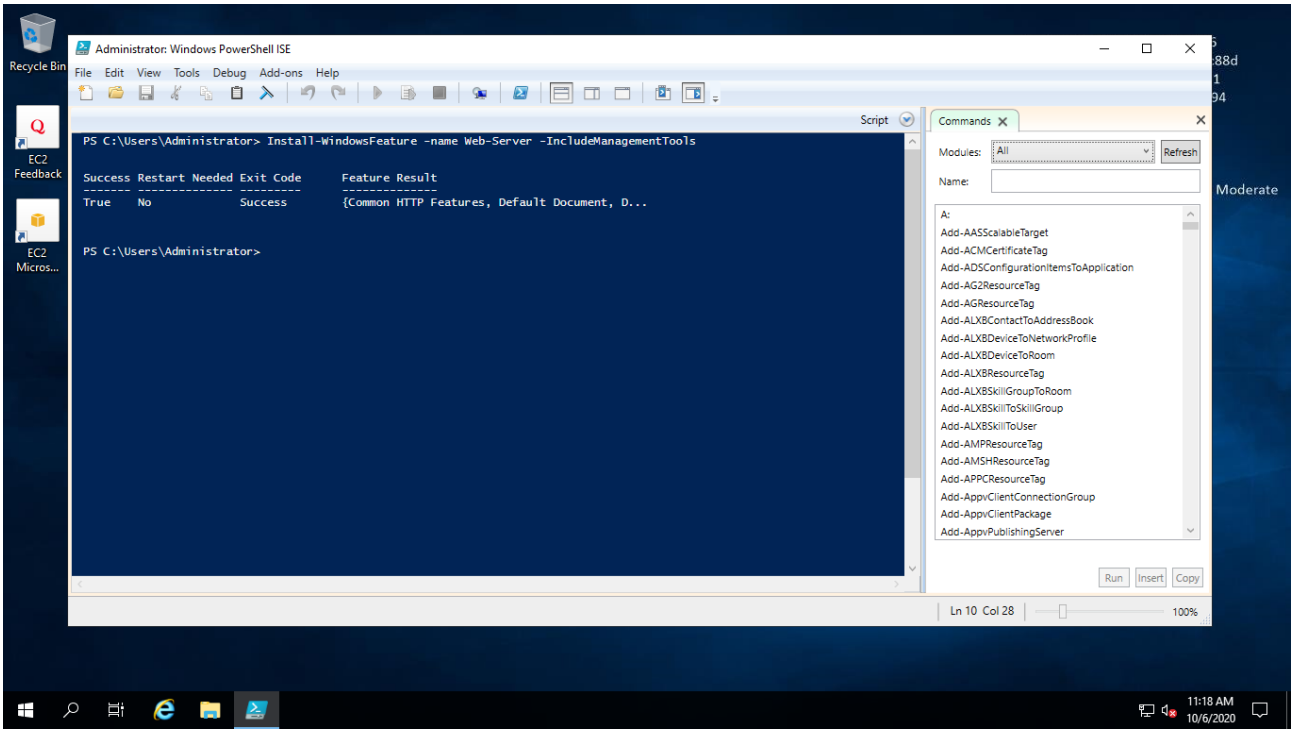
Task 1:Create a windows instance using AMI: Windows 2019 base



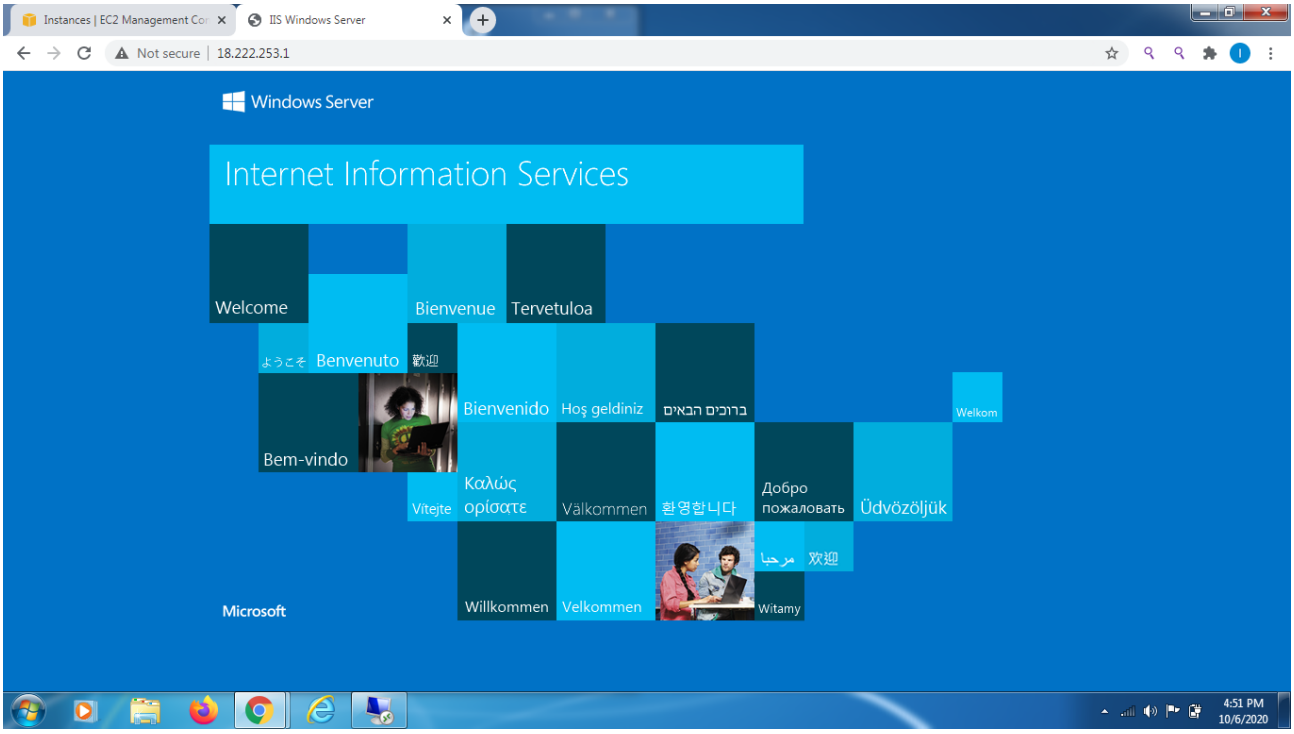
Task 2:Launch the Windows instance using RDP



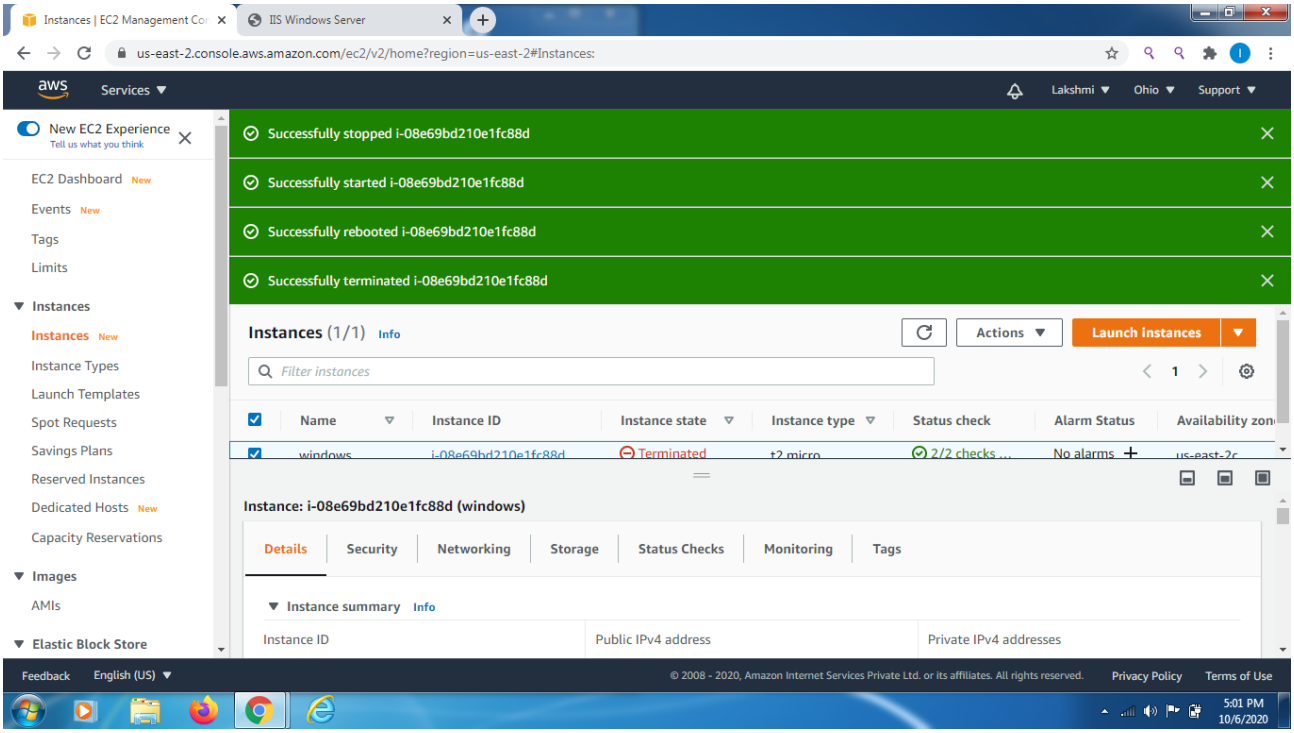
Task 3:Install IIS web server using Powershell ISE



Task 4:Verify successful installation of IIS Web Server

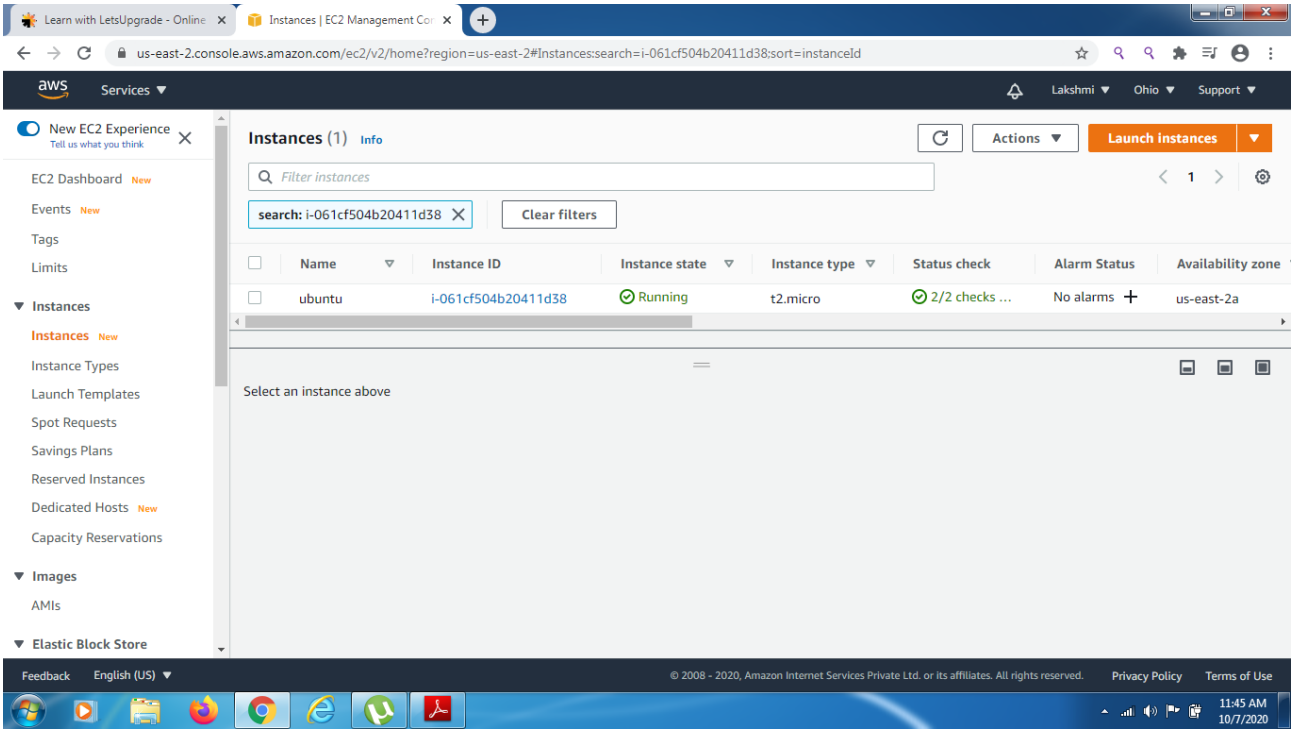


Task 5:termination of windows instance

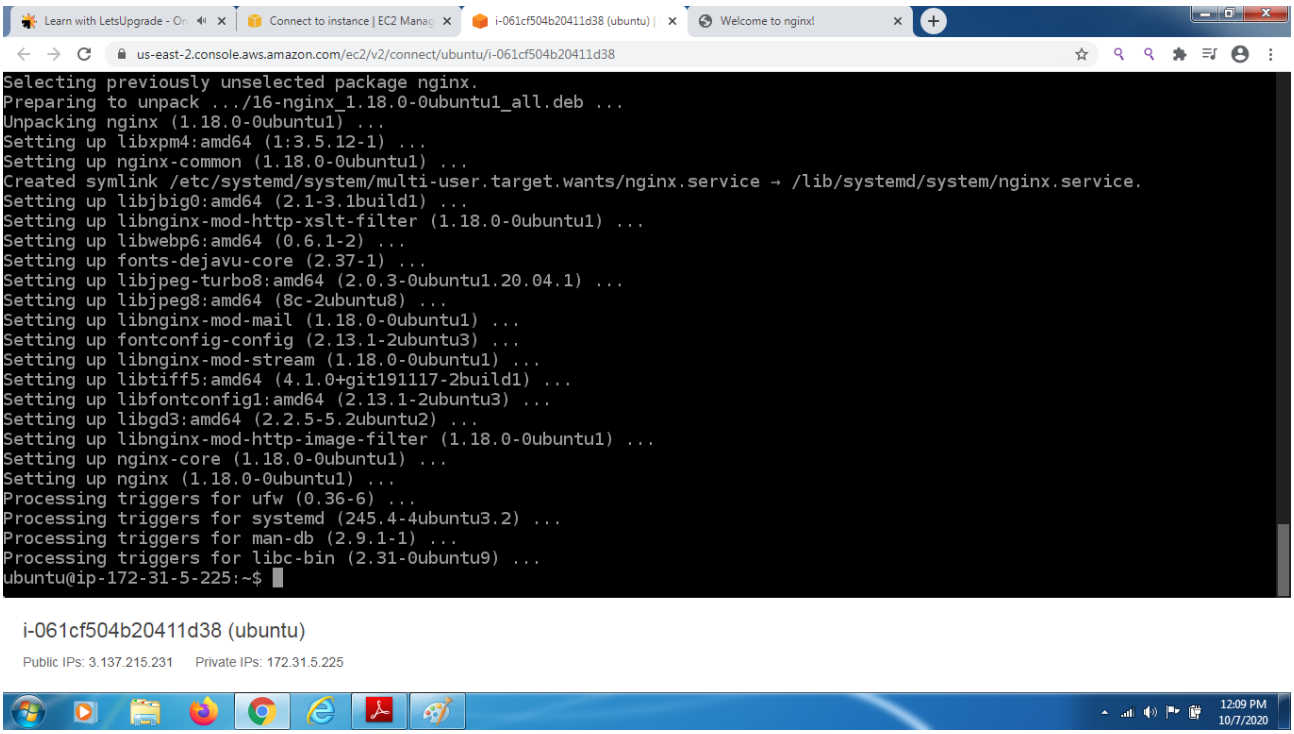


PROJECT 2:
Deploying a web server in ubuntu instance

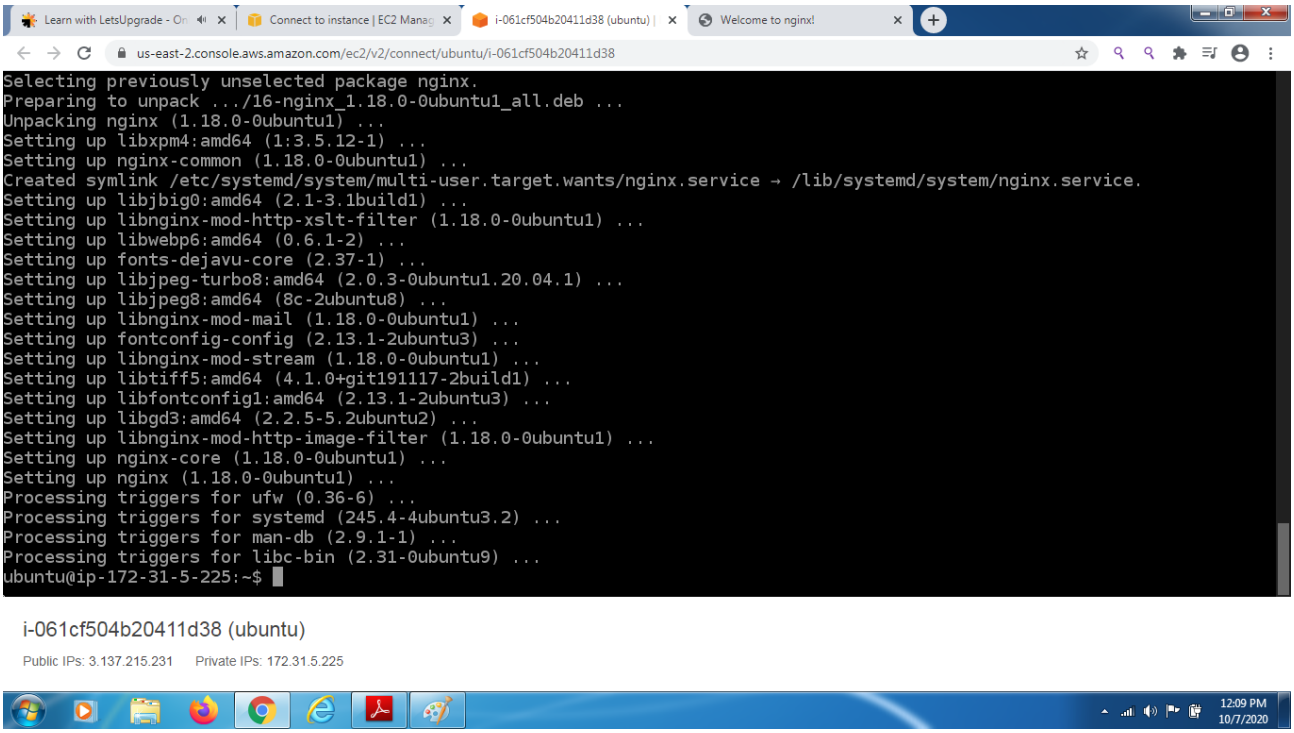
Task 1:Create a windows instance using AMI: Ubuntu Server 18.04 LTS (HVM)



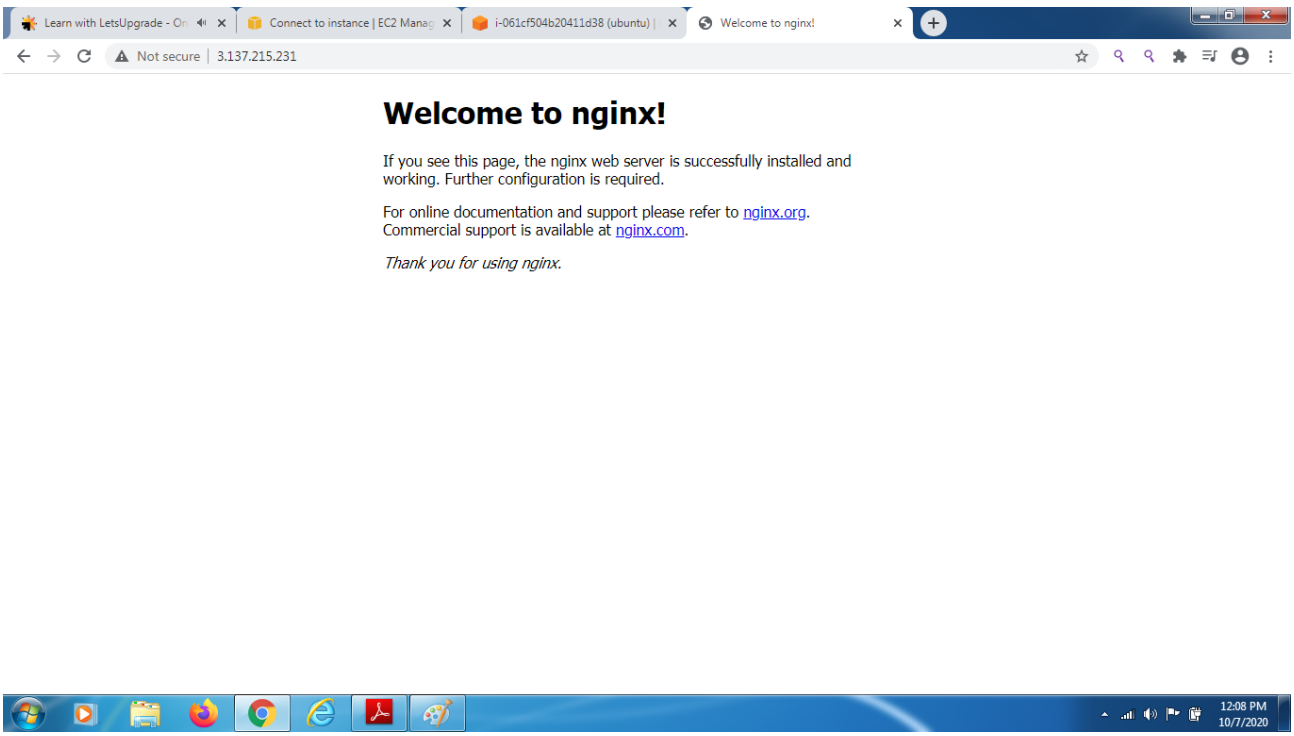
Task 2: connect to the sever



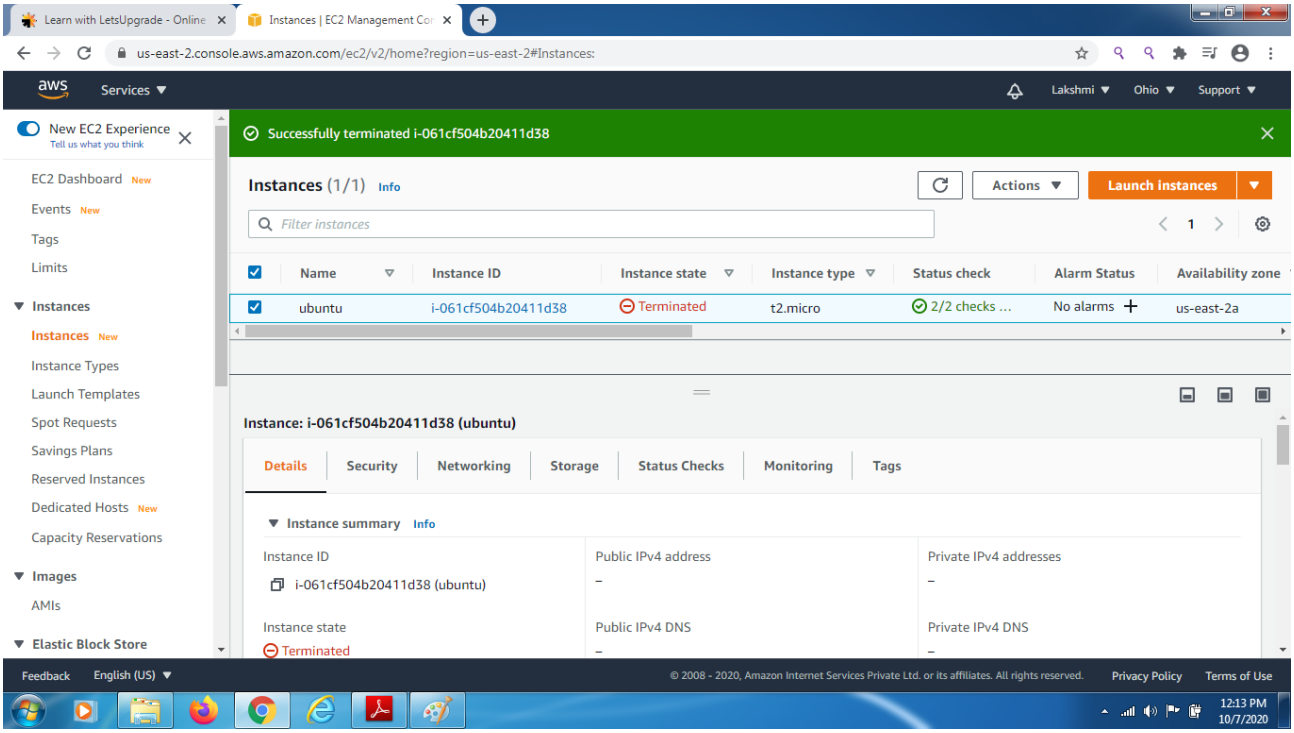
Task 3:Installation of nginx



Task 4:Verify successful installation of ngnix

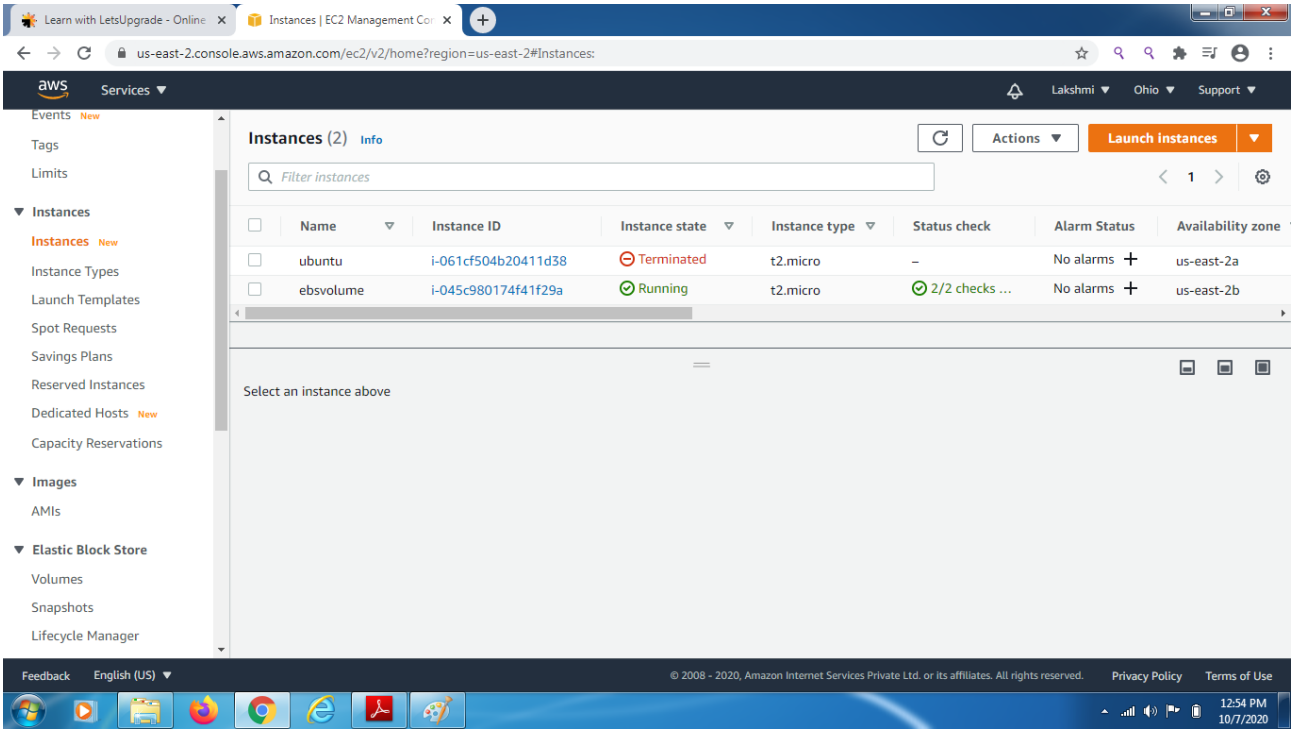


Task 5:termination of ubuntu instance

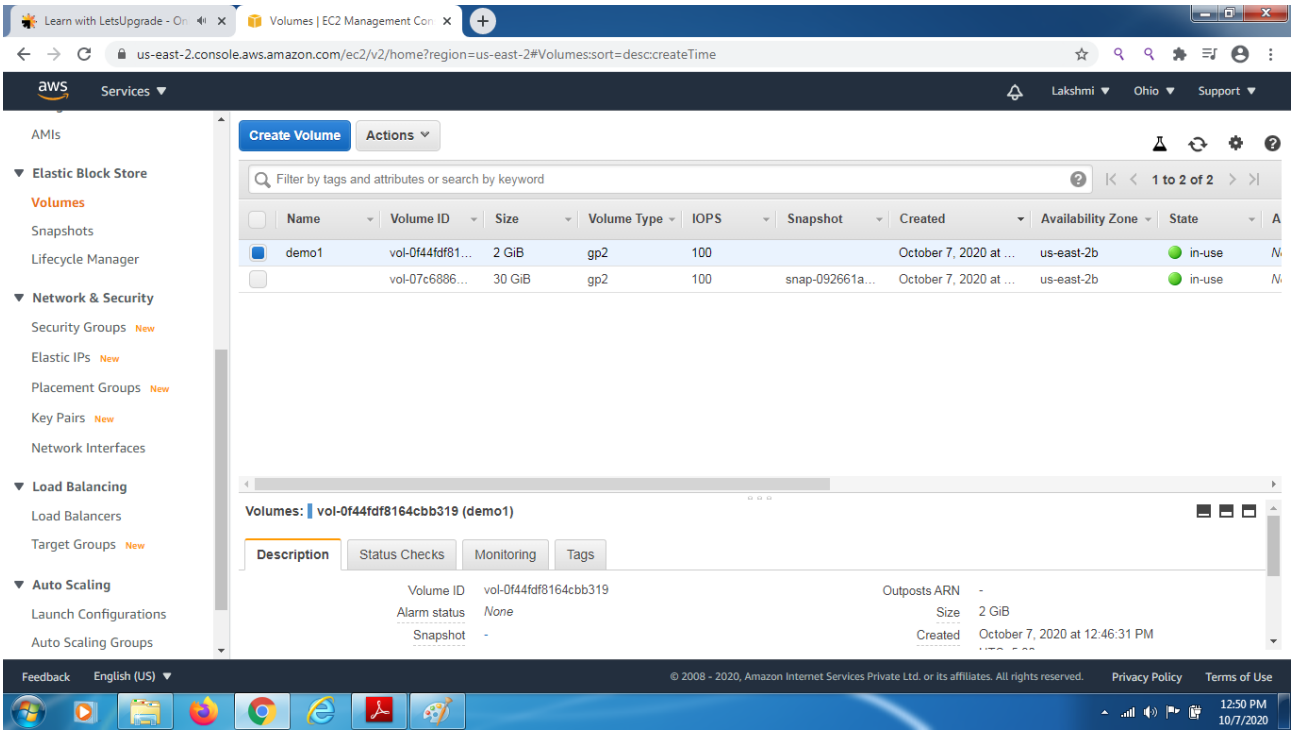


PROJECT 3:
Working with volumes

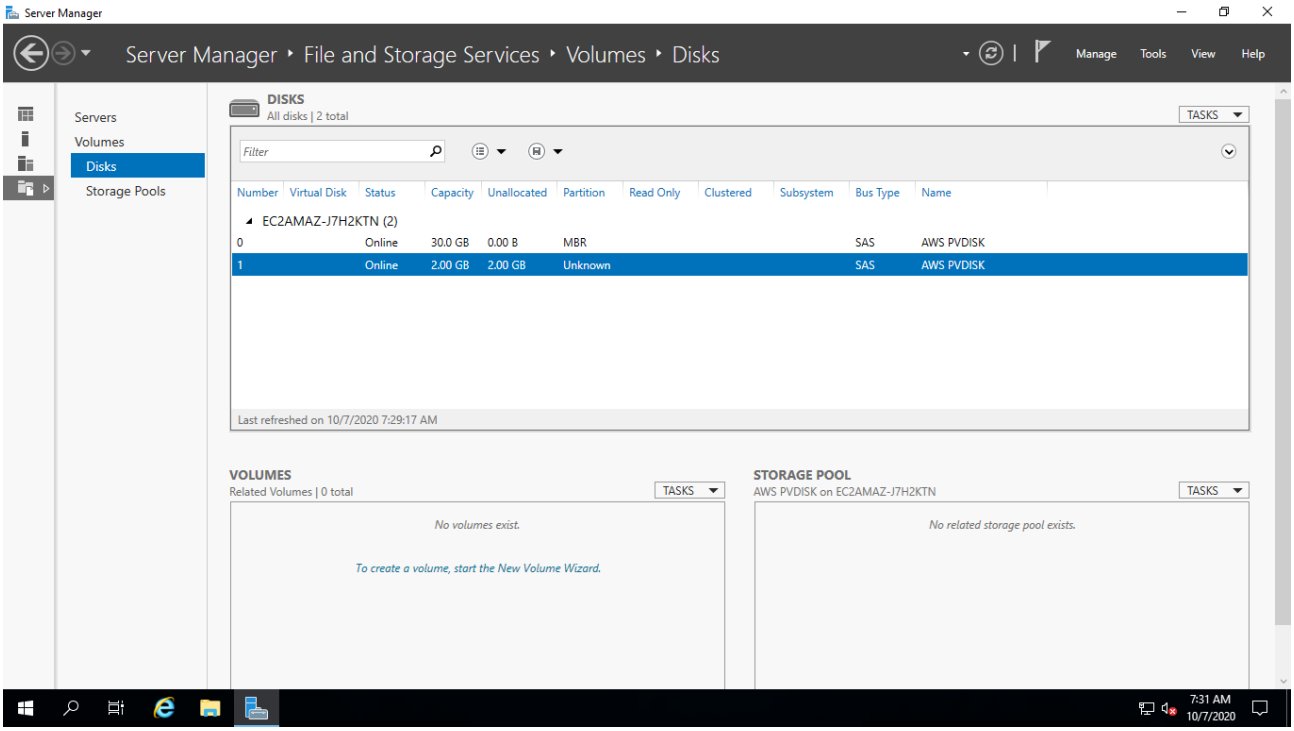
1:Create a windows machine



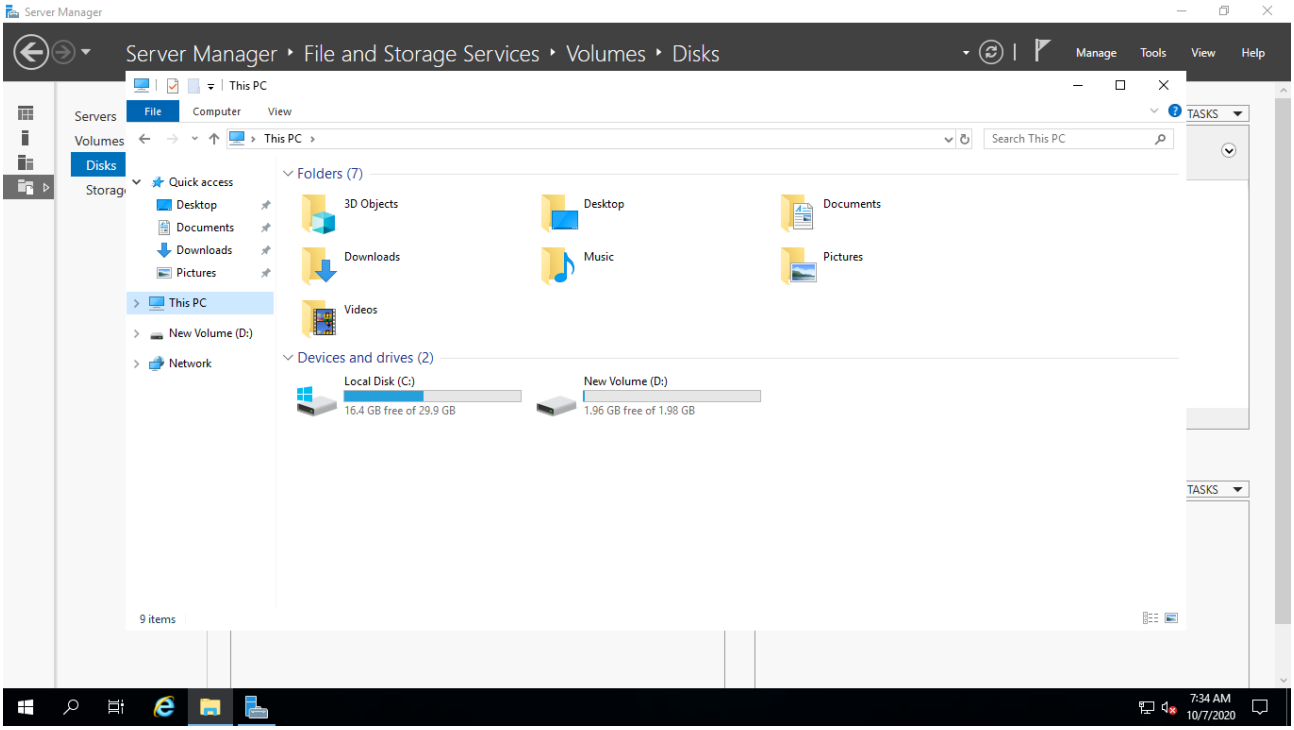
Create a volume in the same region as the windows machine



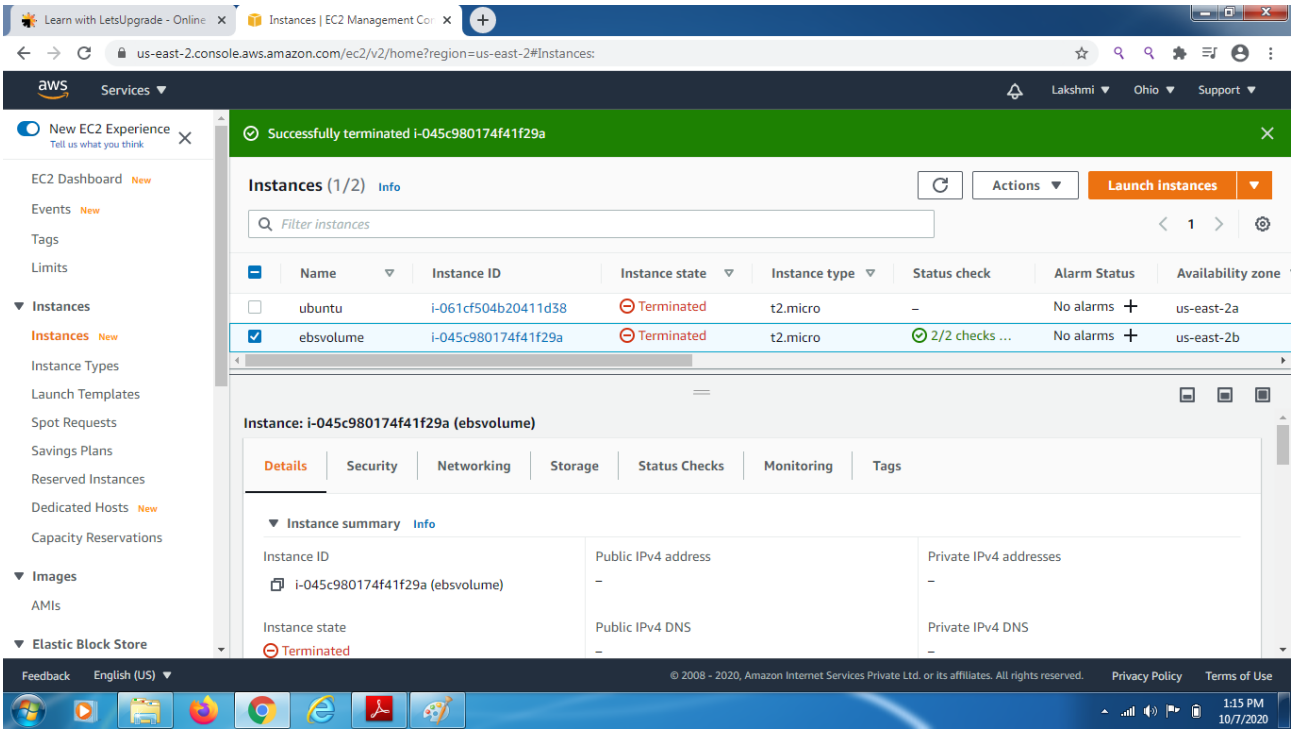
4:From server manager bring the volume online



4:Check if the volume is mounted successfully

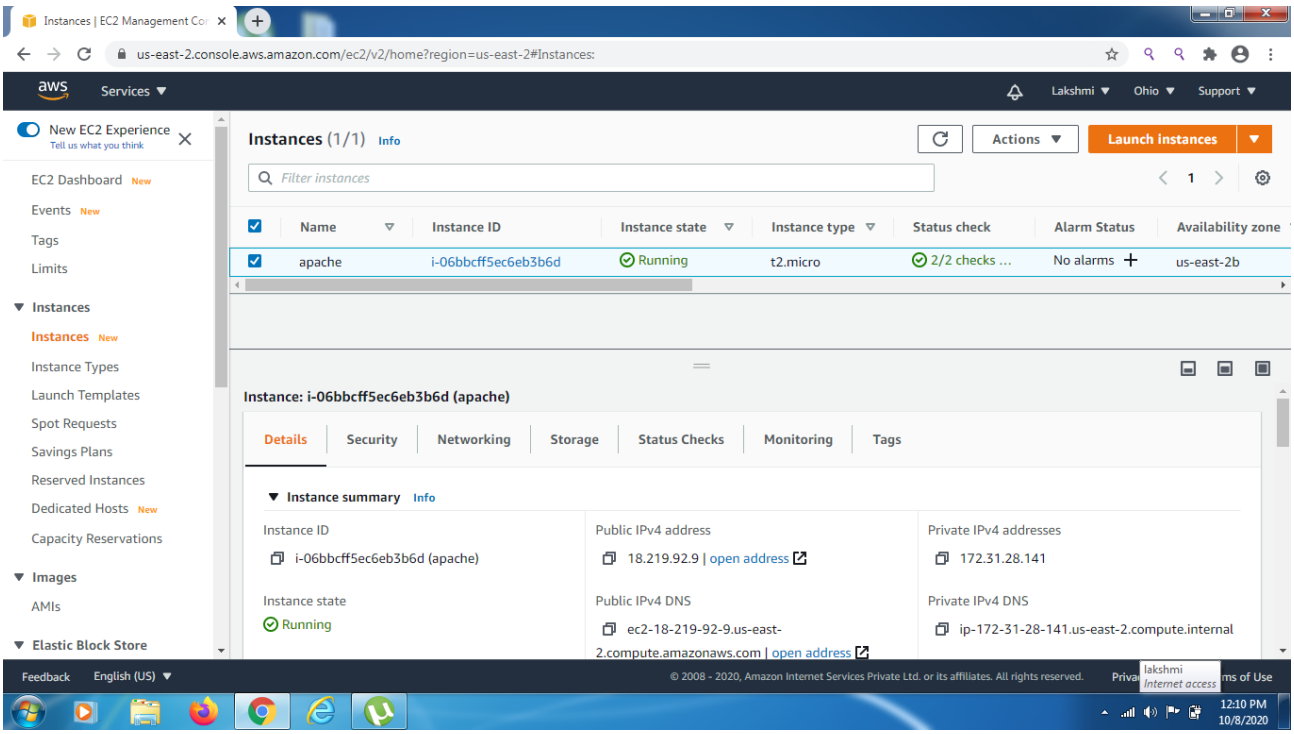


5.terminate ebs volume

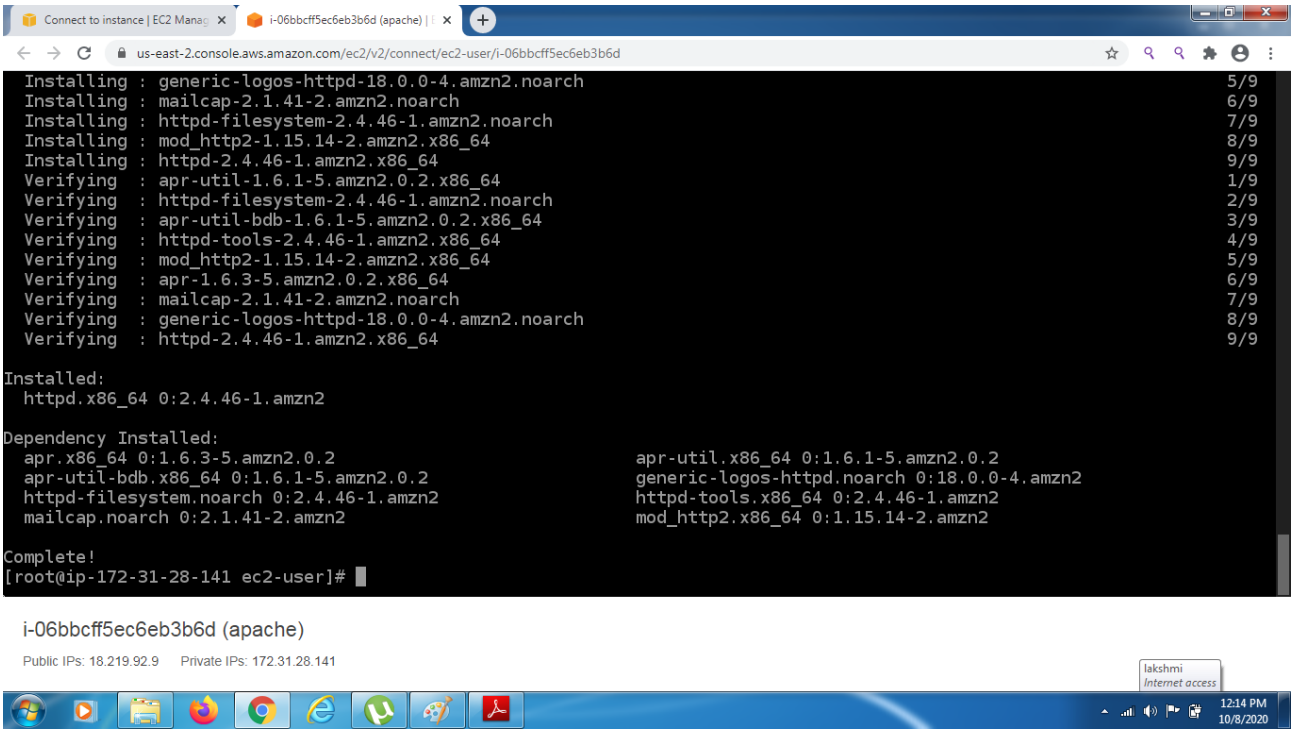


PROJECT 4:
Working with Elastic IP's

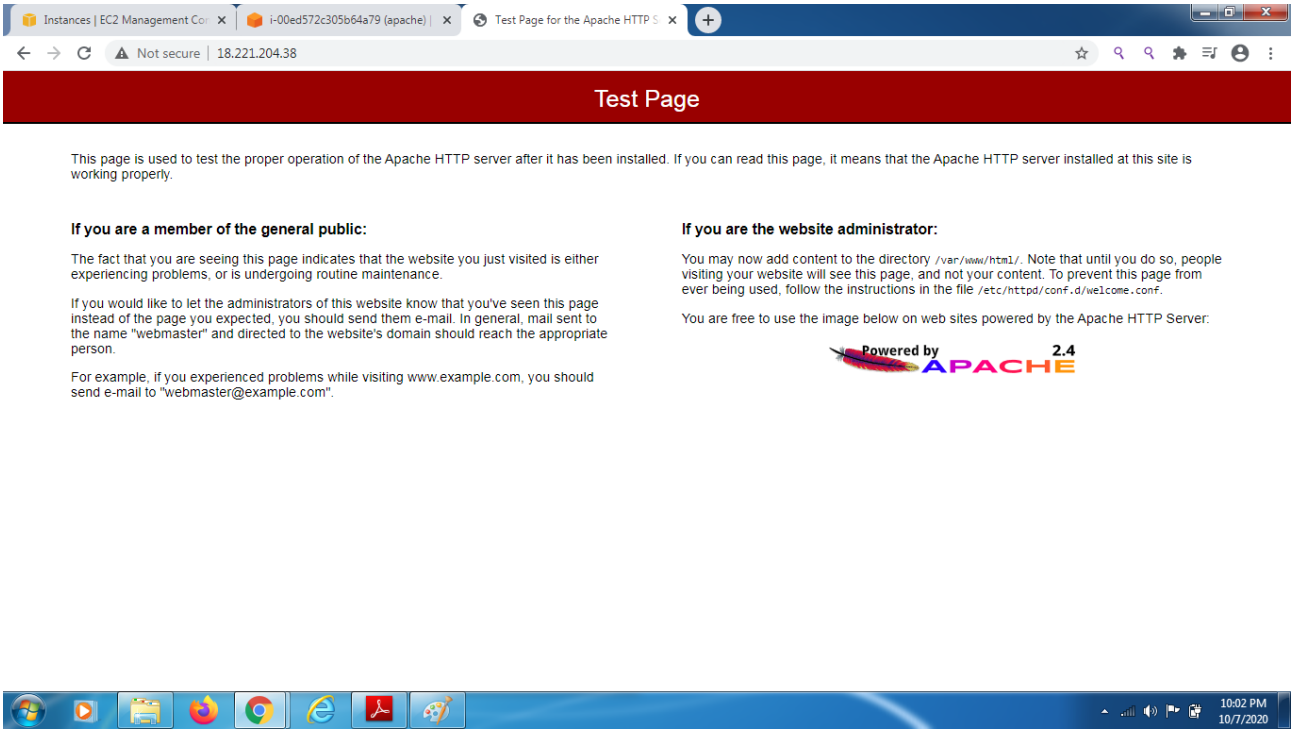
Step1: Create a linux machine



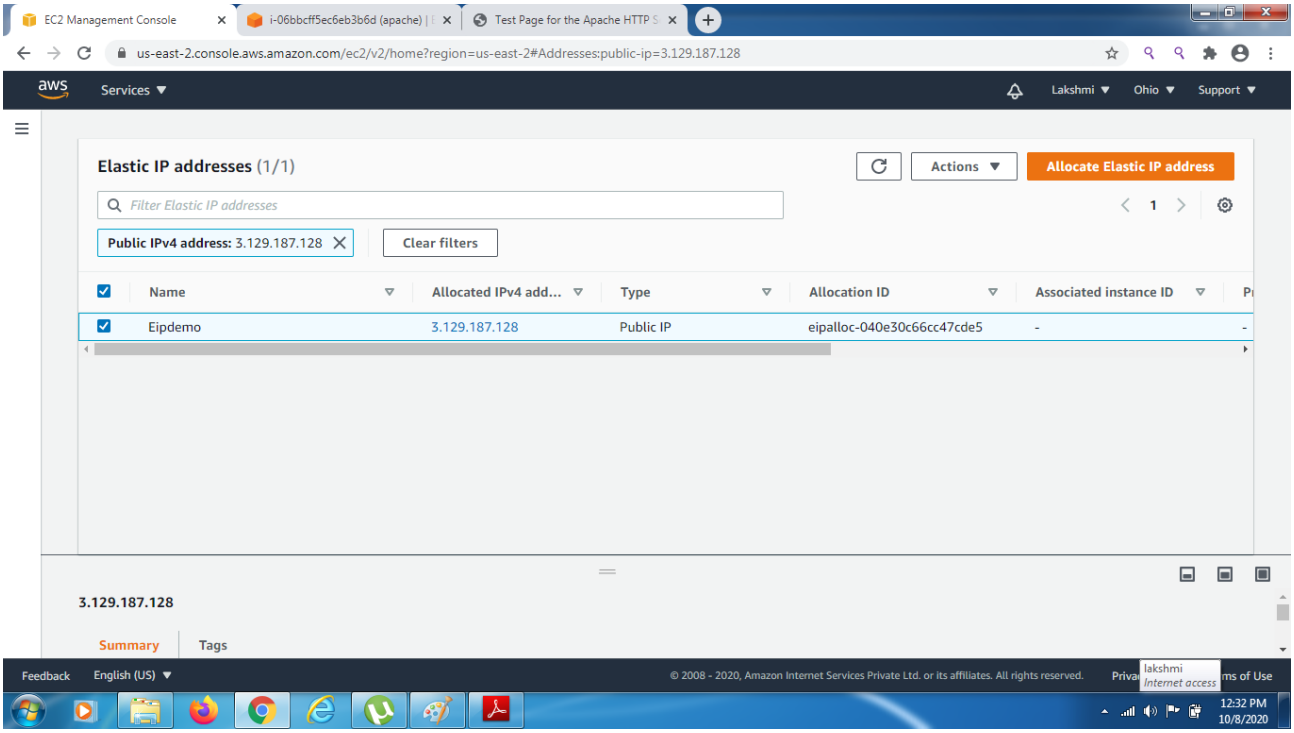
Task 2:Installation of apache



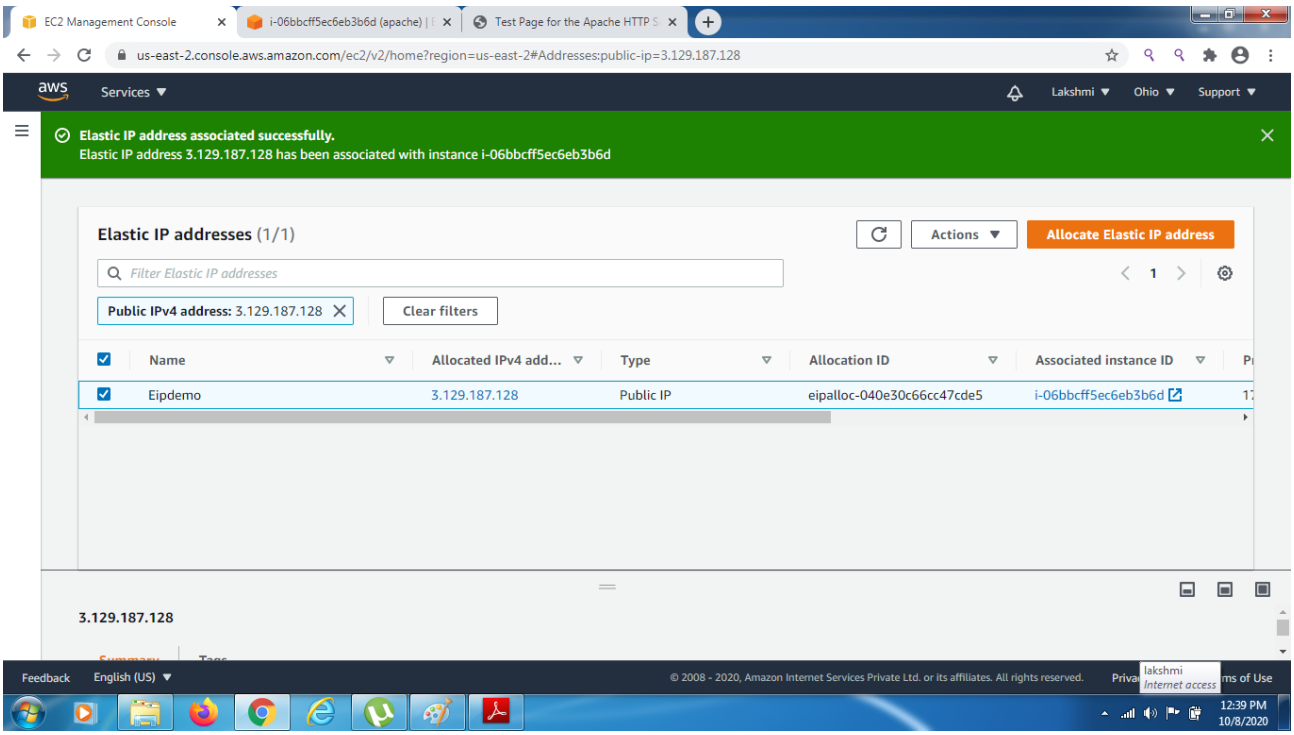
Task3: Check the web server status



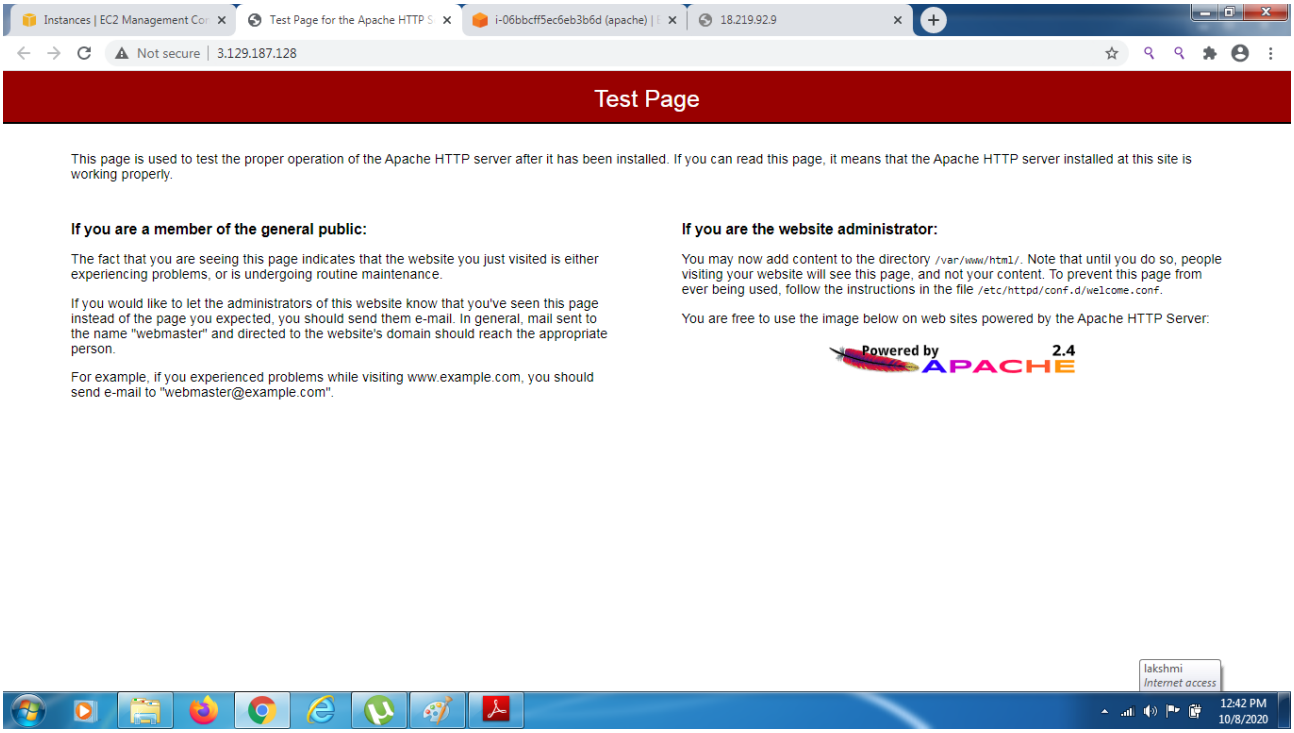
Task4:Allocate elastic IP



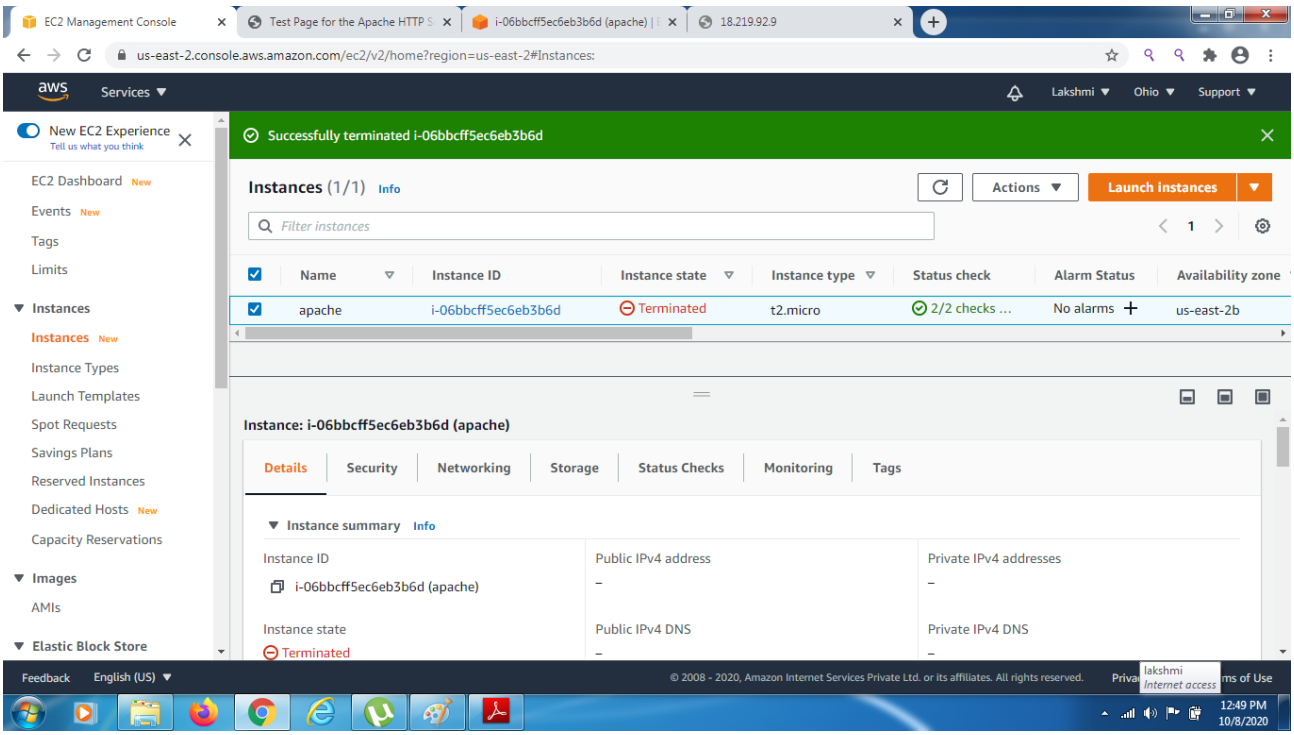
Task5:associate elastic IP



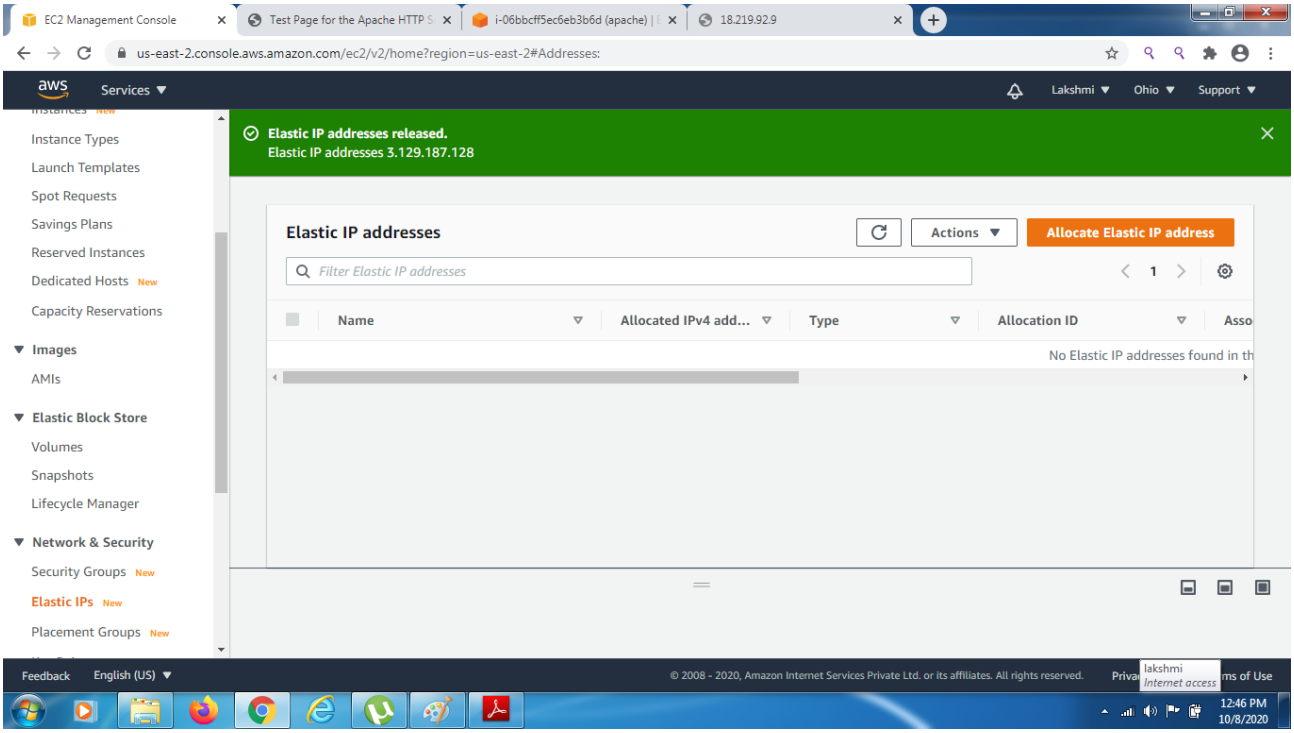
Task5:checking webserver using elastic IP



Task6:terminate the apache instance

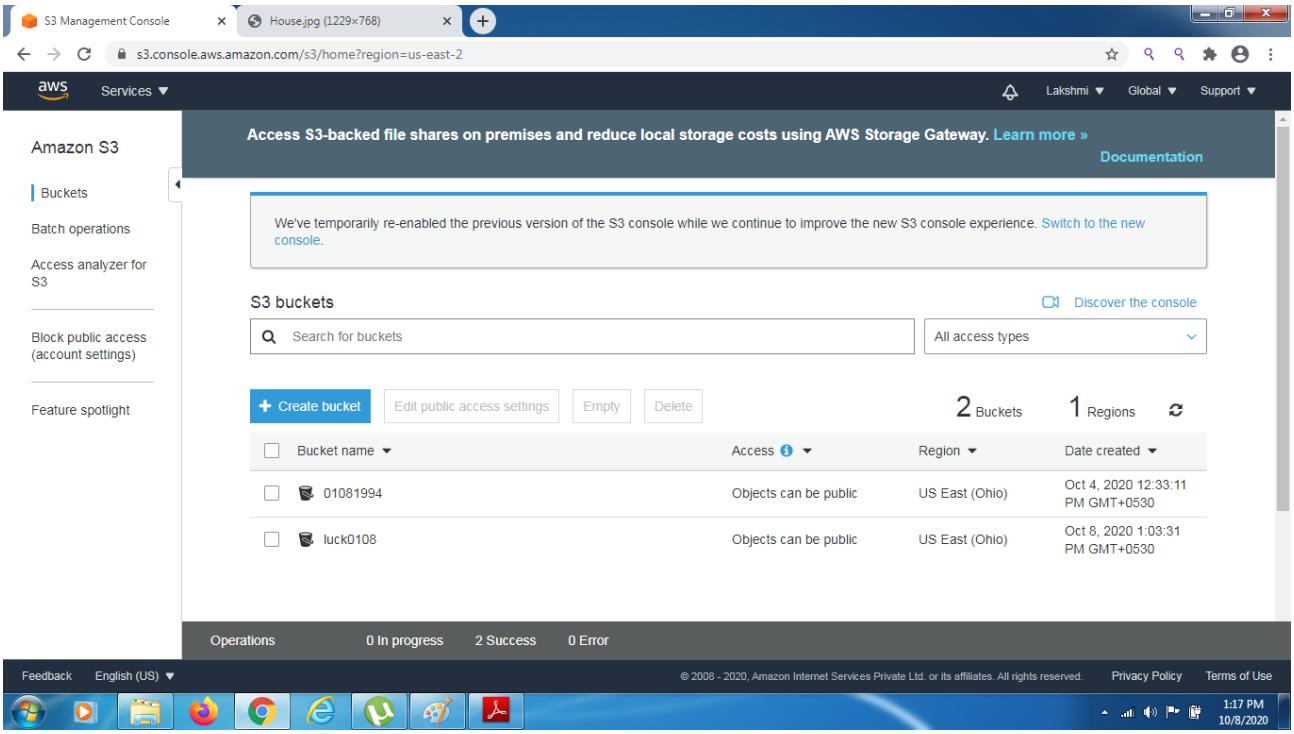


Task7:Release the ElasticIP

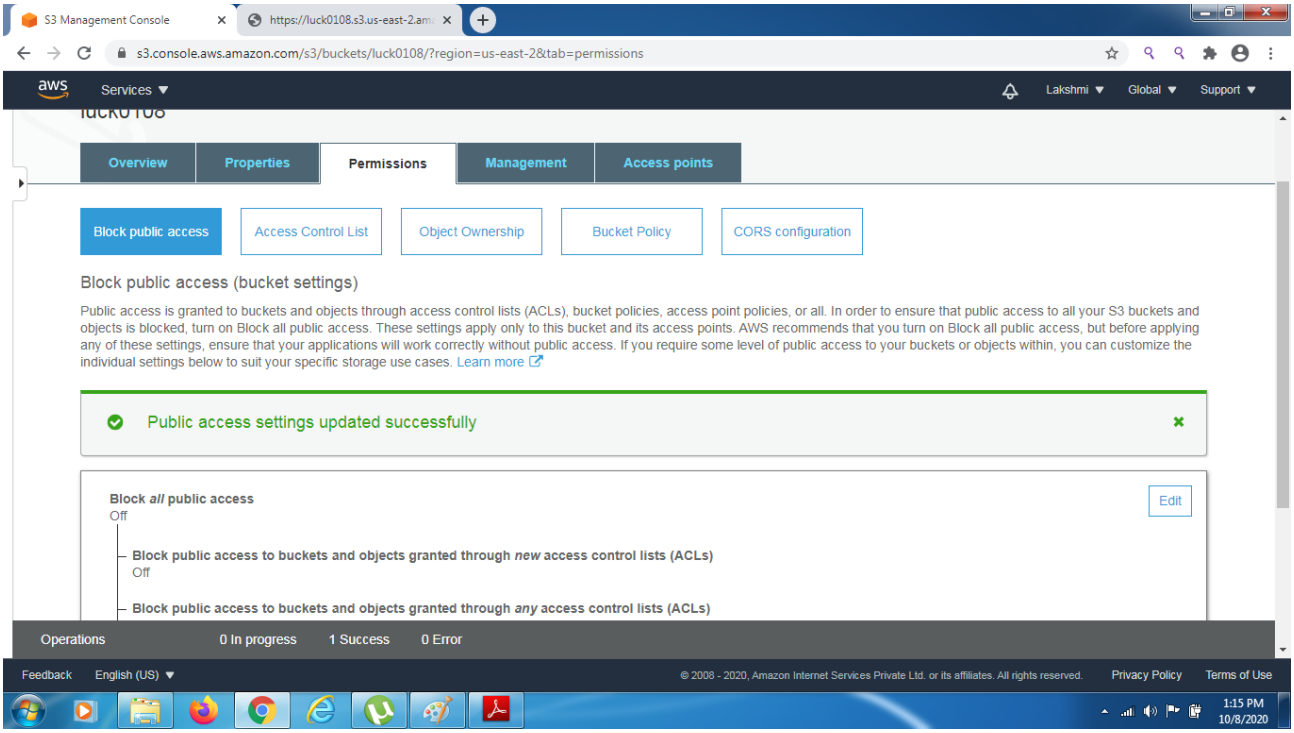


PROJECT 5:
Working with S3

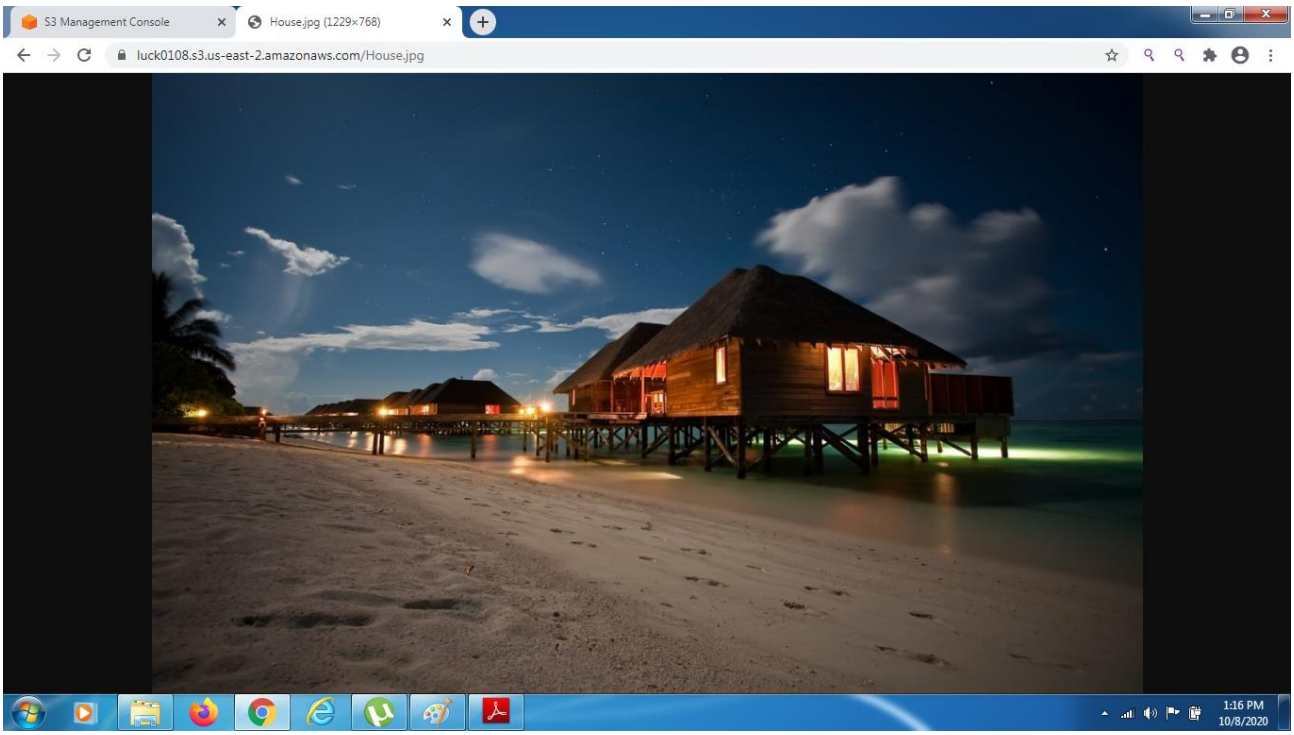
Task1:create a s3 bucket



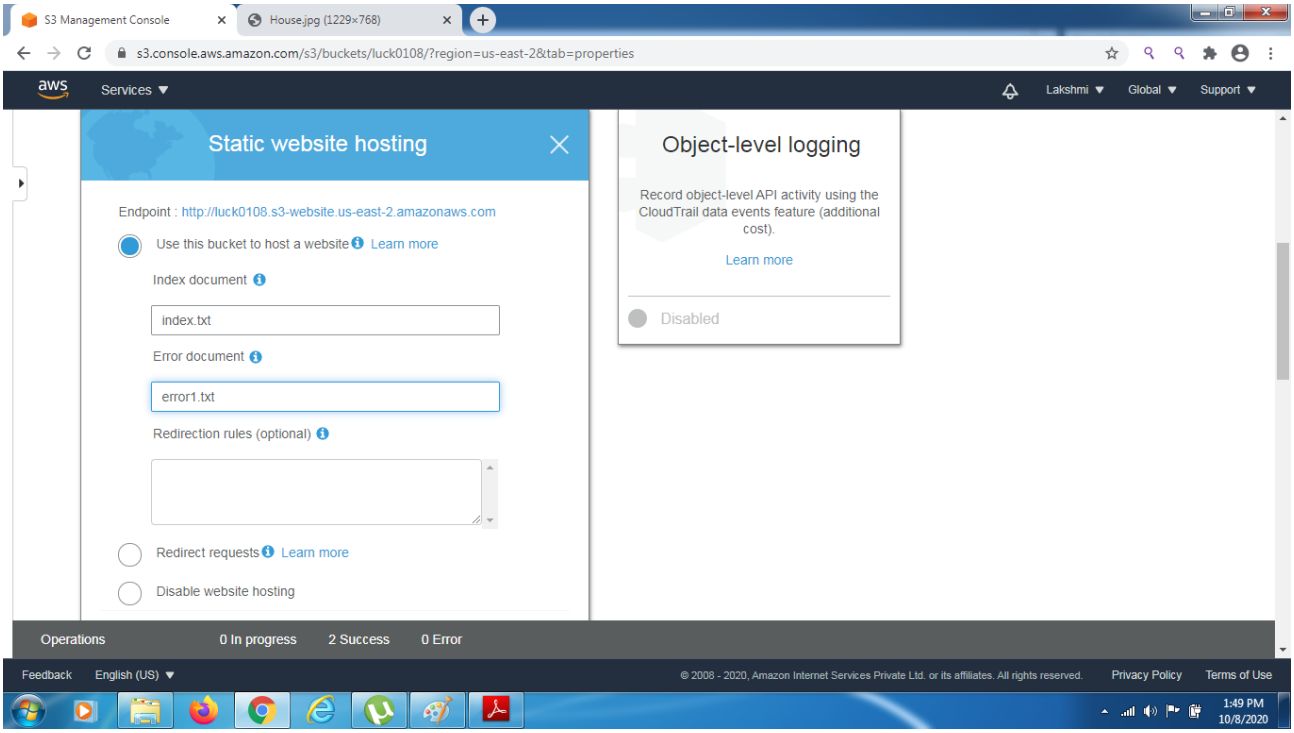
Task 2:making public of a file in s3 bucket



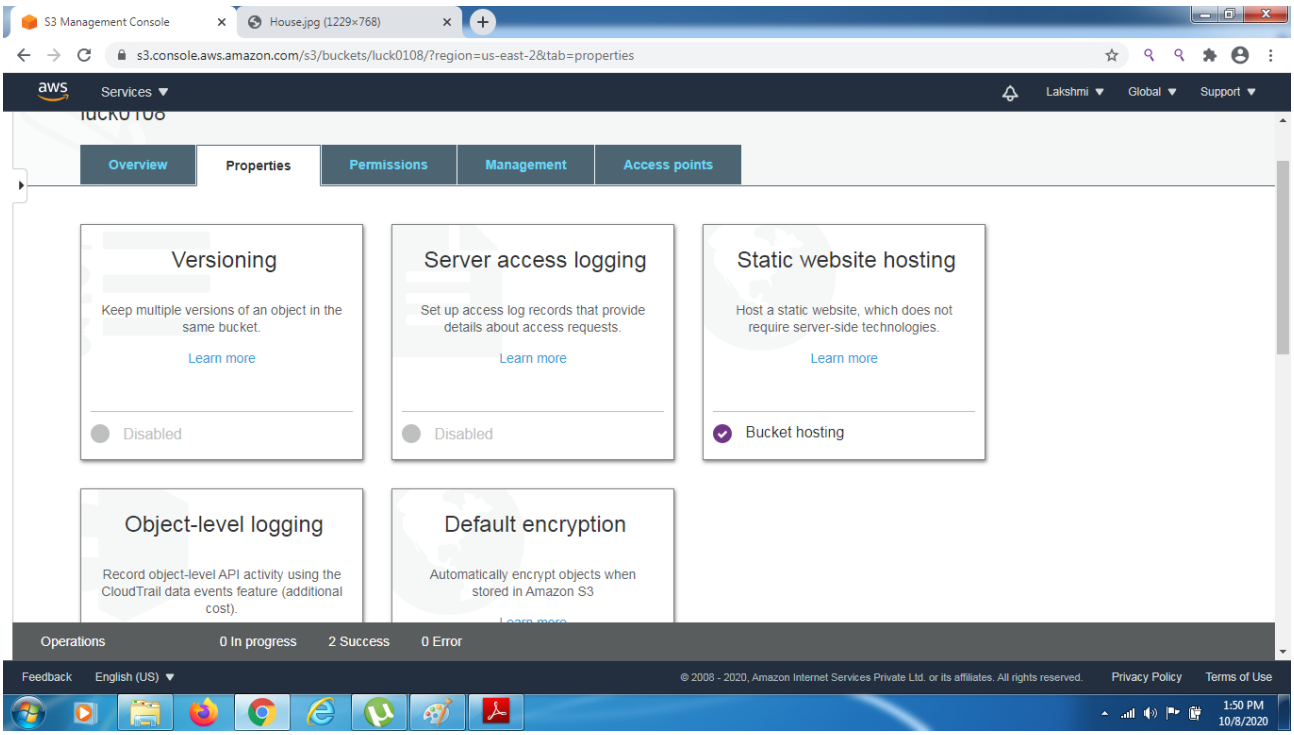
Task 3:s3 image



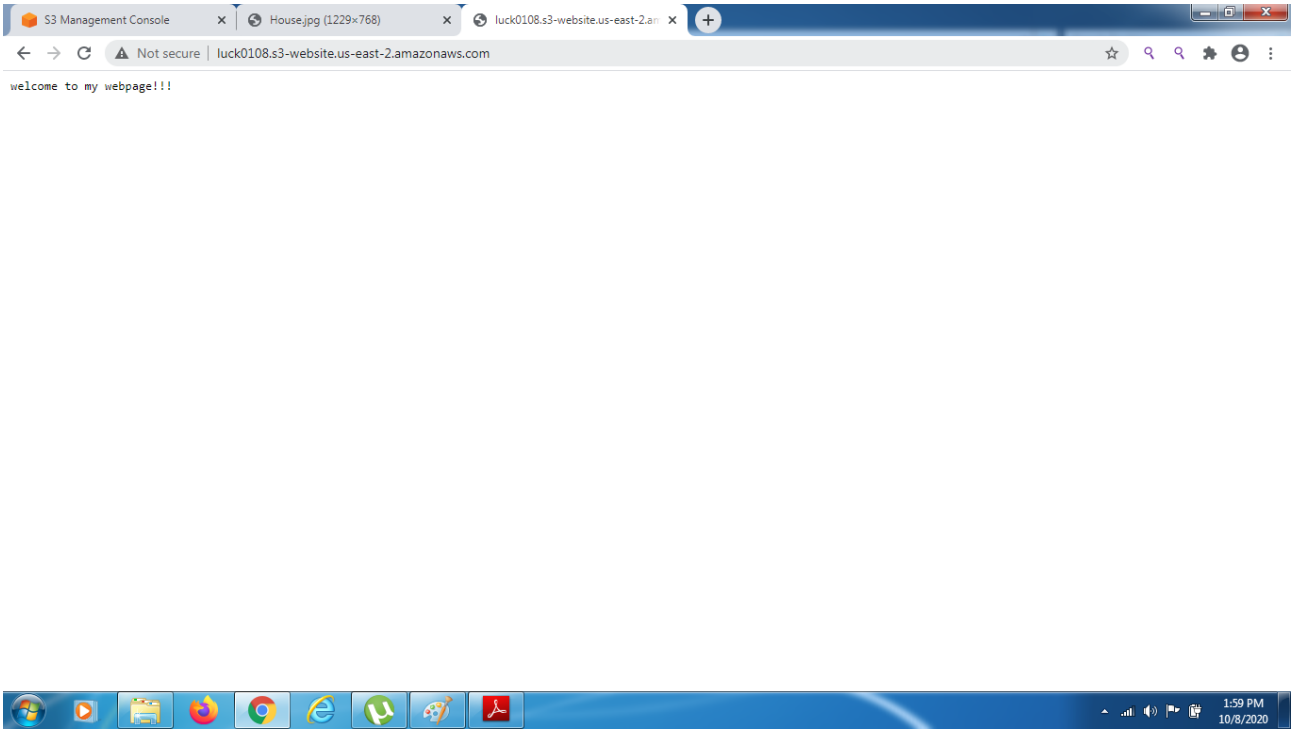
Task4: static web hosting

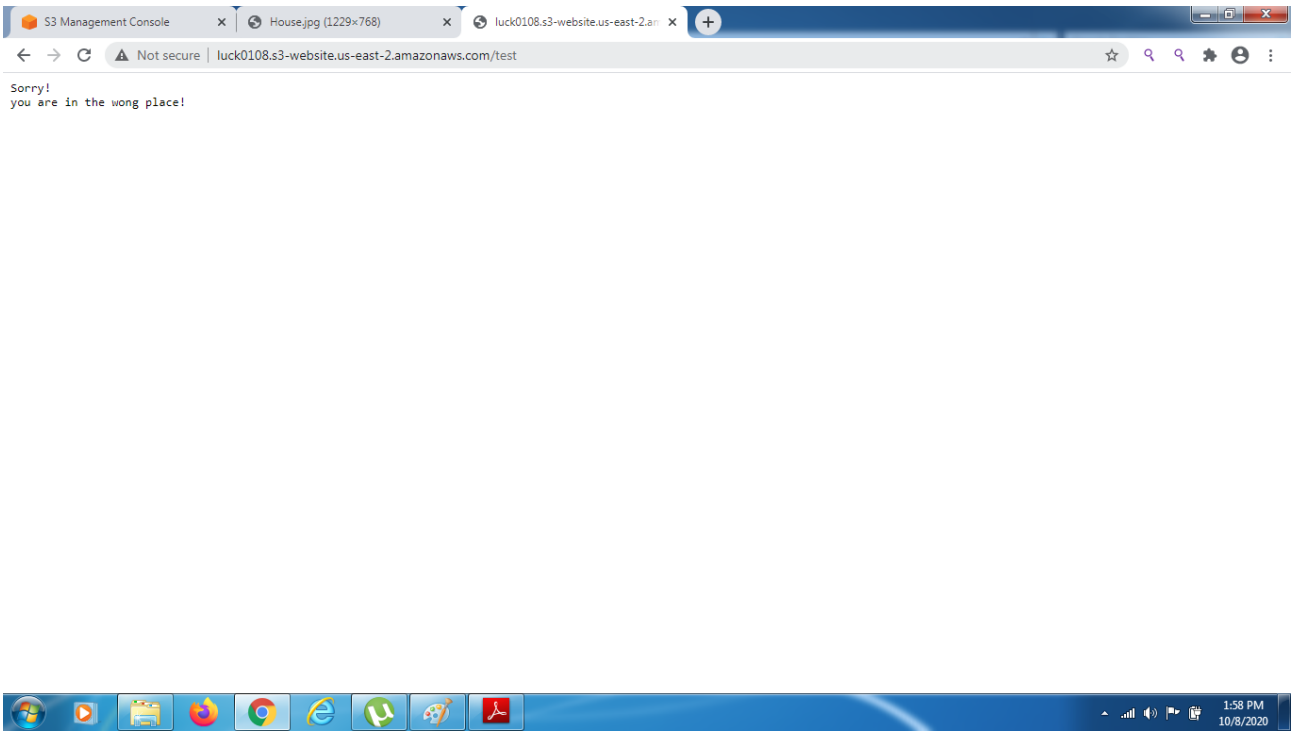


Task 5:Hosting of a bucket

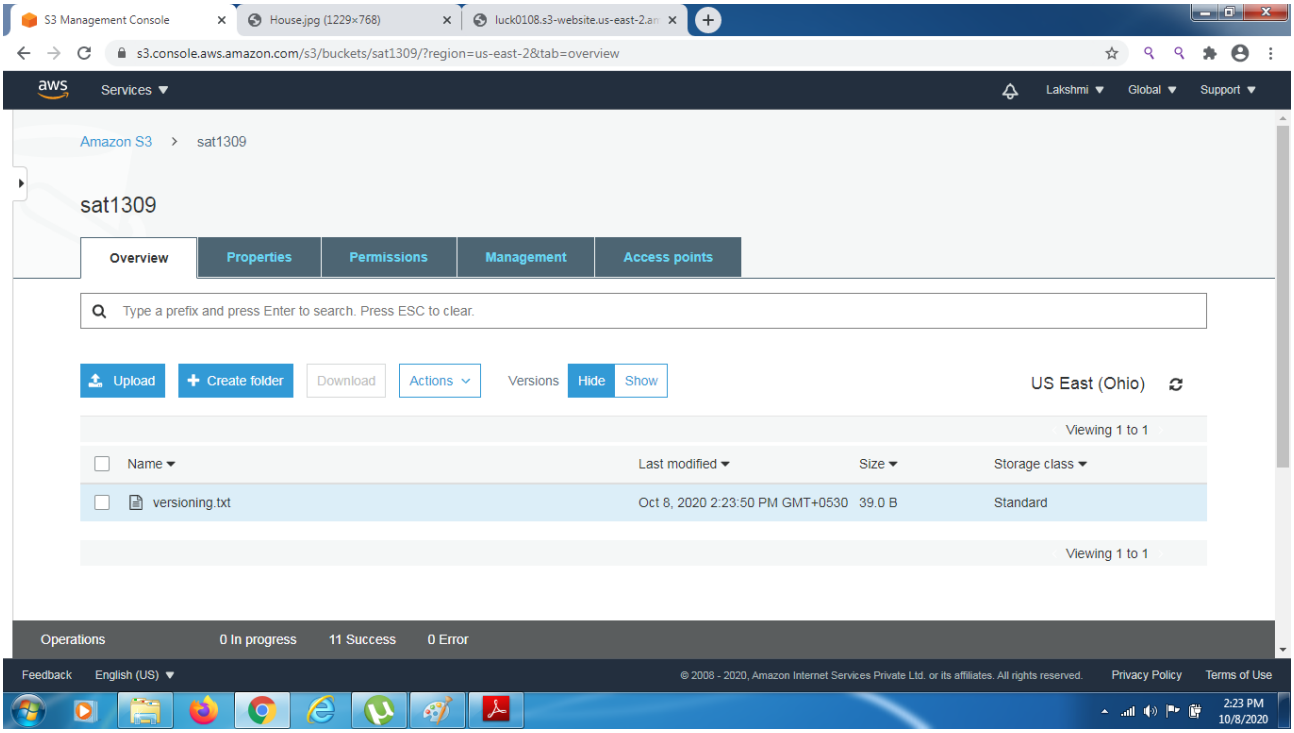


Task 6: showing of index and error web pages

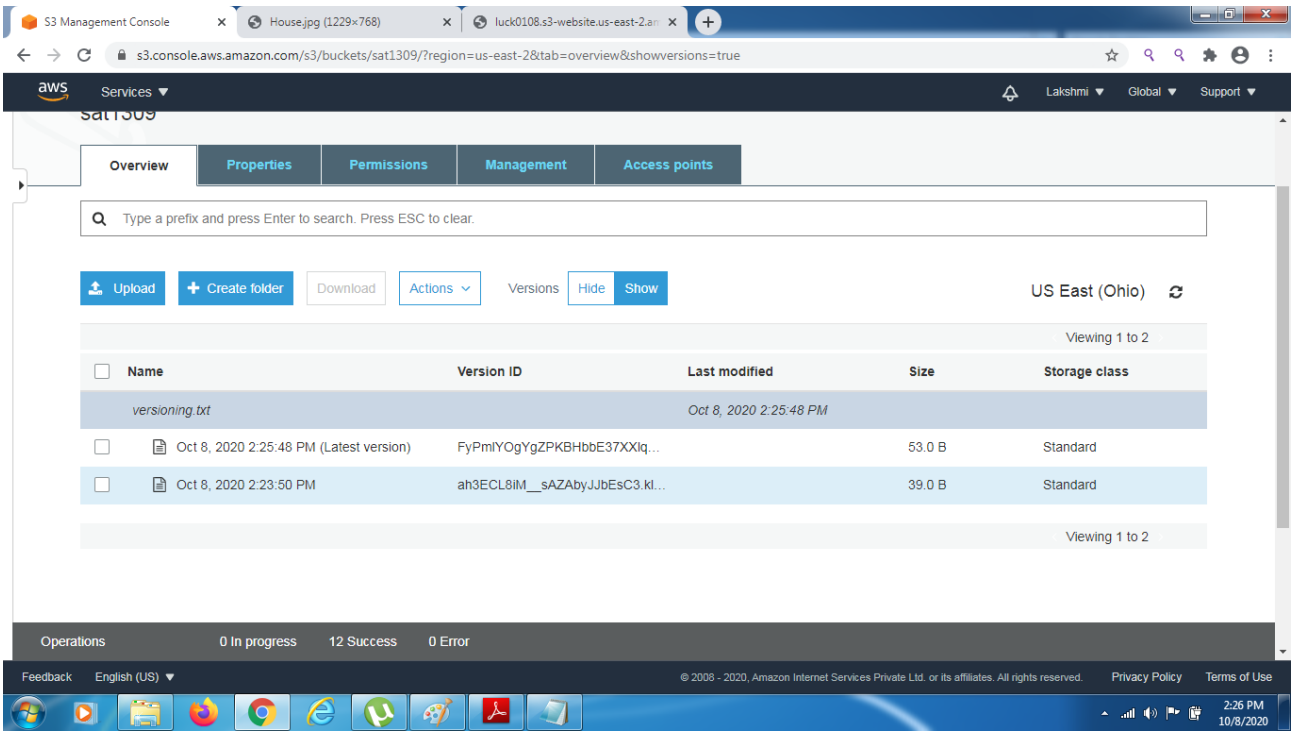




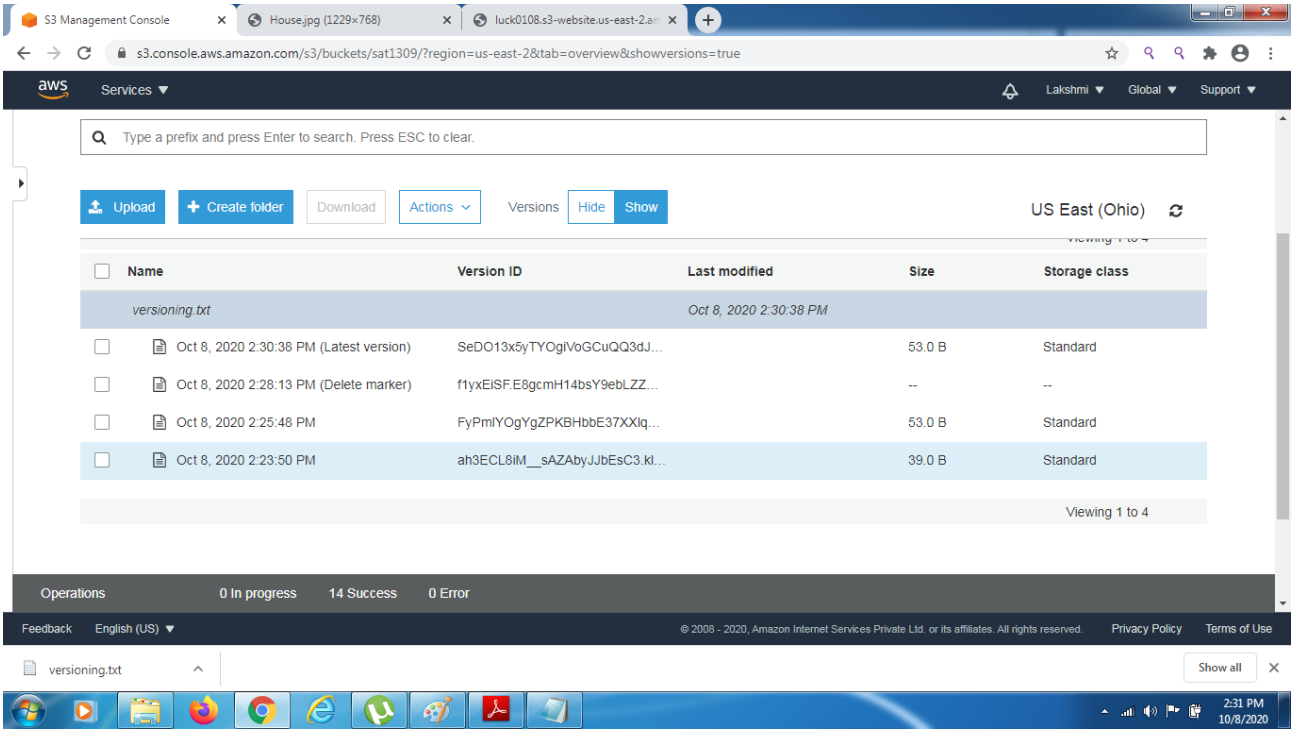
Versioning



Create another version text document and show



Delete and backup of versions



QUESTION 1:

Explain life cycle effects on instances: Stop, start, reboot, terminate-public IP, Private Ip, Applications installed.

Stop and start the instance: when we stop the instance , the instance stop and there is nothing to show the public and private ip

When we start the instance the public ip and private ip will automatically change. it will have new public and private ip address

Reboot: when we reboot ,the instance is rebooted. there is nothing change in the private and public ip address

Terminate: when we terminated the instance will automatically shutting down. there is no another chance to restart. And we have to launch the new instance.