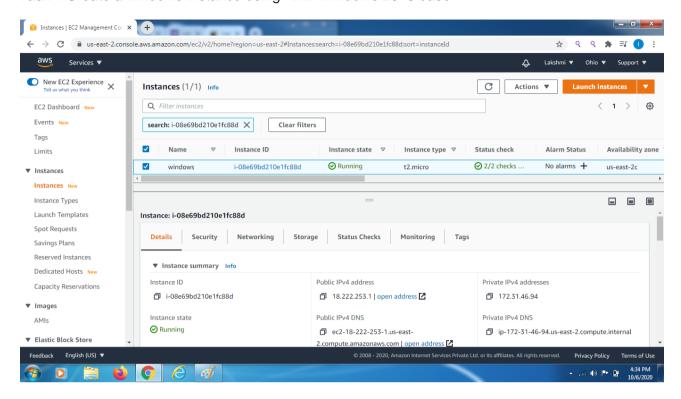
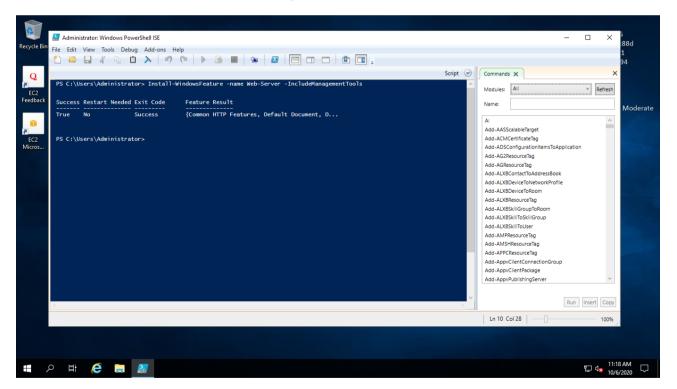
PROJECT 1:

Deploying a web server in Windows instance

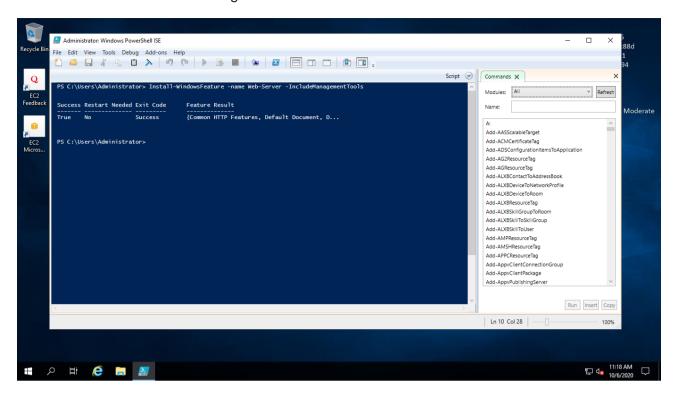
Task 1:Create a windows instance using AMI: Windows 2019 base



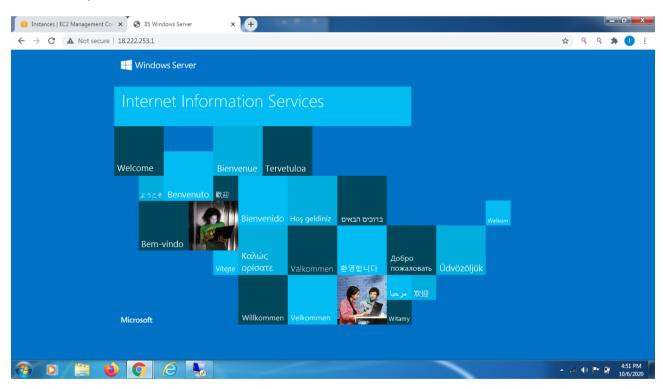
Task 2:Launch the Windows instance using RDP



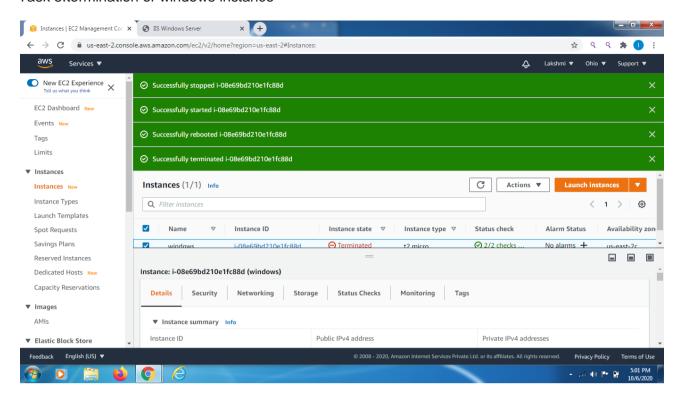
Task 3:Install IIS web server using Powershell ISE



Task 4:Verify successful installation of IIS Web Server



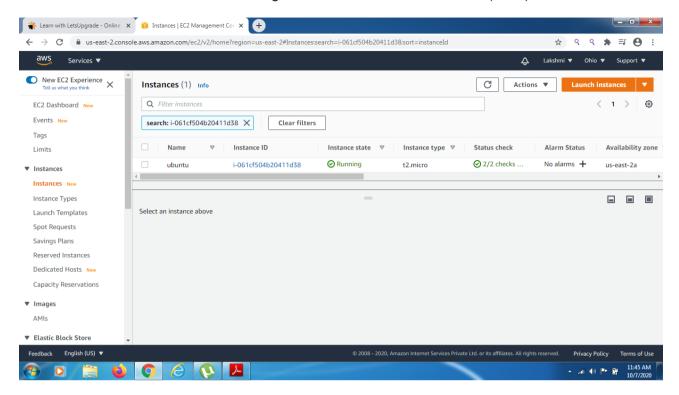
Task 5:termination of windows instance



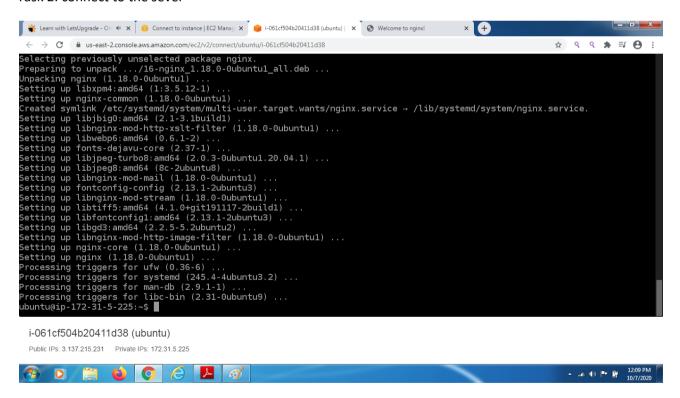
PROJECT 2:

Deploying a web server in ubuntu instance

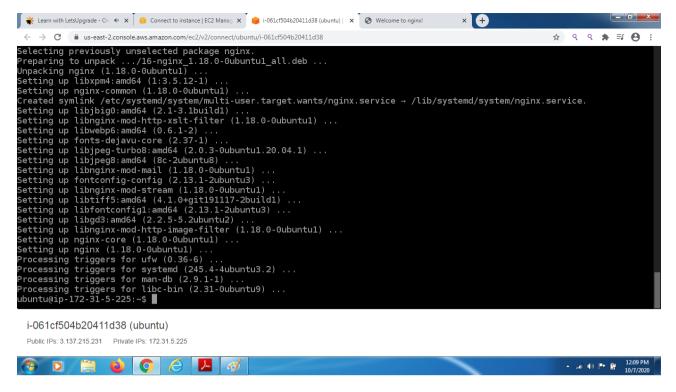
Task 1:Create a windows instance using AMI: Ubuntu Server 18.04 LTS (HVM)



Task 2: connect to the sever



Task 3:Installation of nginx



Task 4: Verify successful installation of ngnix



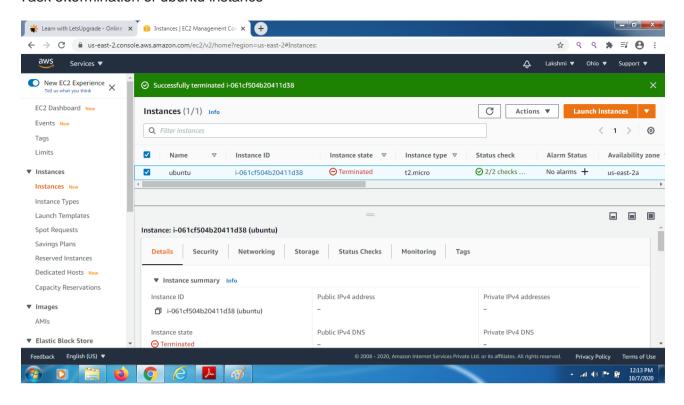
Welcome to nginx!

For online documentation and support please refer to <u>nginx.org</u>. Commercial support is available at <u>nginx.com</u>.

Thank you for using nginx.

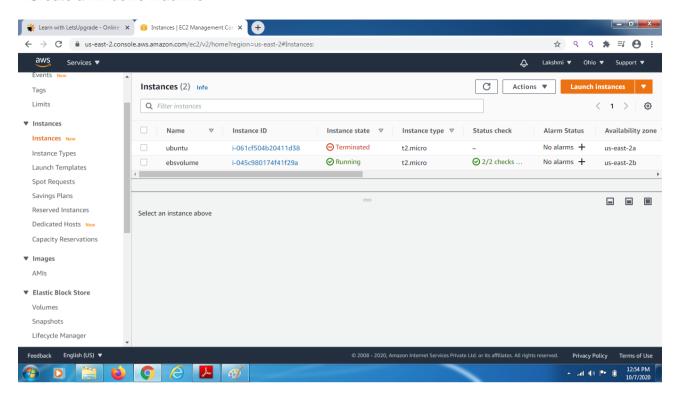


Task 5:termination of ubuntu instance

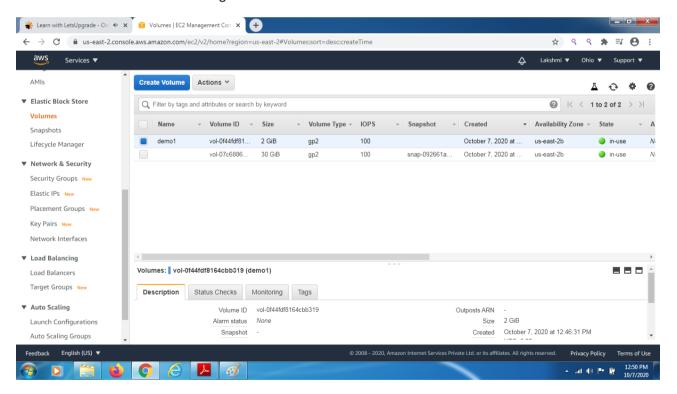


PROJECT 3: Working with volumes

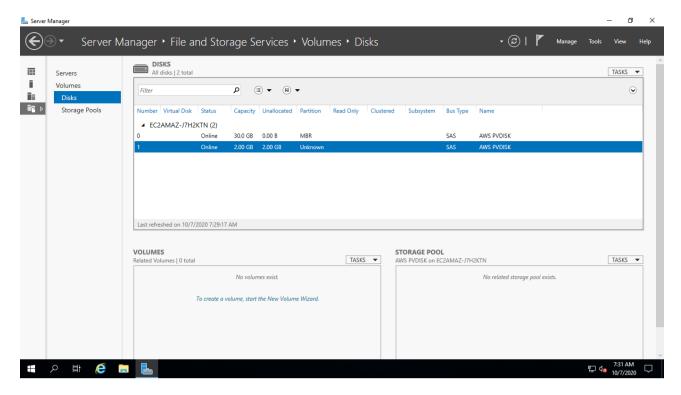
1:Create a windows machine



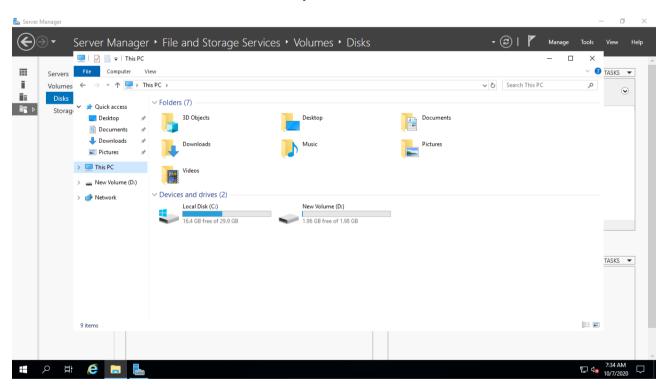
Create a volume in the same region as the windows machine



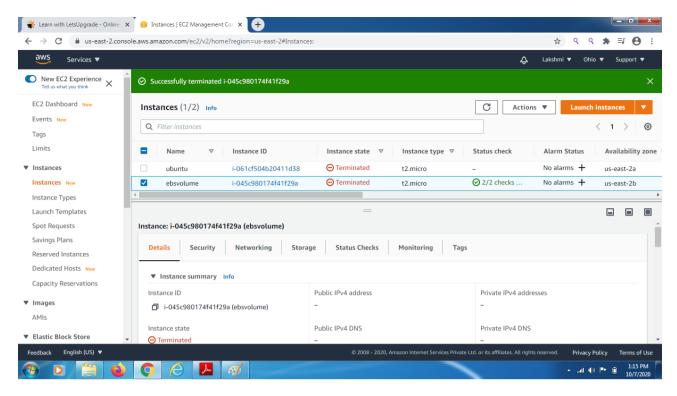
4:From server manager bring the volume online



4:Check if the volume is mounted successfully

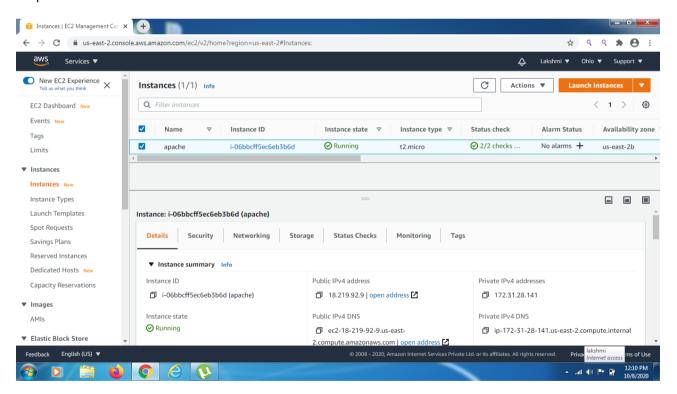


5.terminate ebs volume

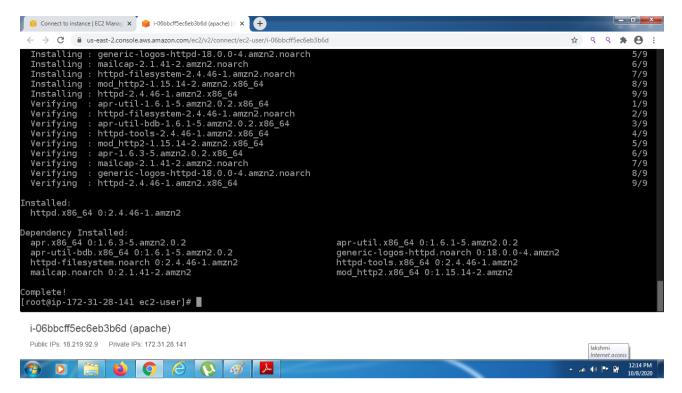


PROJECT 4: Working with Elastic IP's

Step1: Create a linux machine



Task 2:Installation of apache



Task3: Check the web server status



This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is

If you are a member of the general public:

The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".

If you are the website administrator:

You may now add content to the directory /var/www/html/. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file /etc/httpd/conf.d/welcome.conf.

You are free to use the image below on web sites powered by the Apache HTTP Server:















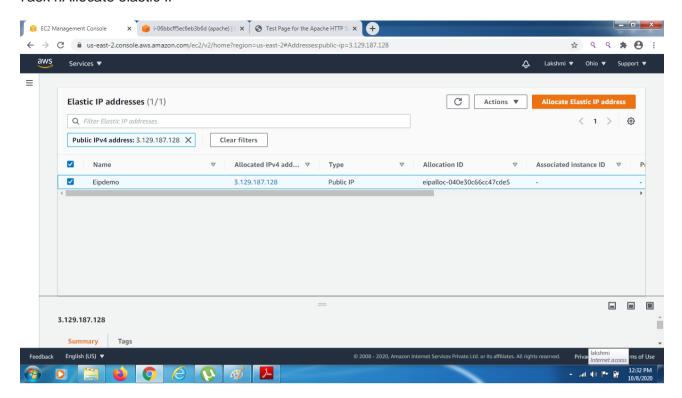




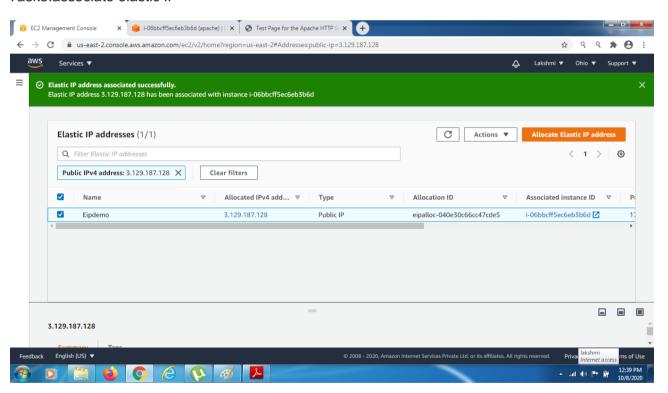




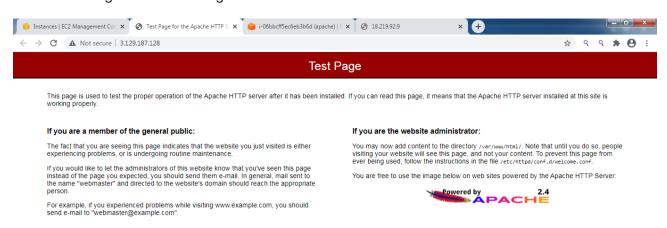
Task4:Allocate elastic IP



Task5:associate elastic IP

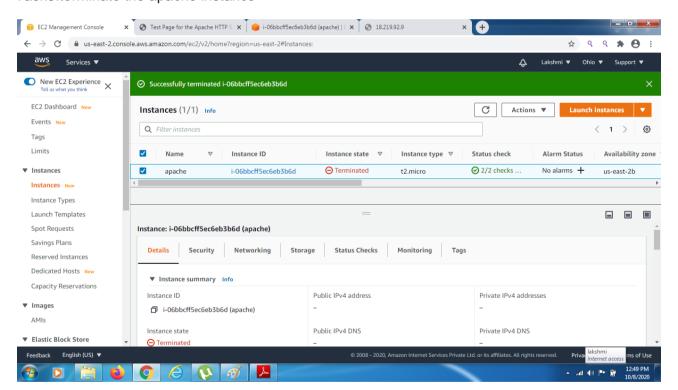


Task5:checking webserver using elastic IP

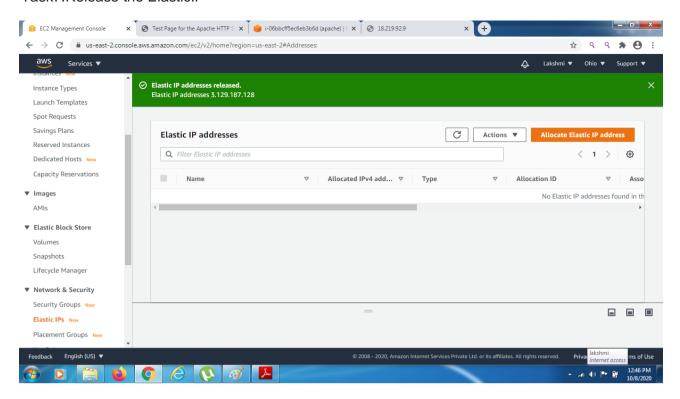




Task6:terminate the apache instance

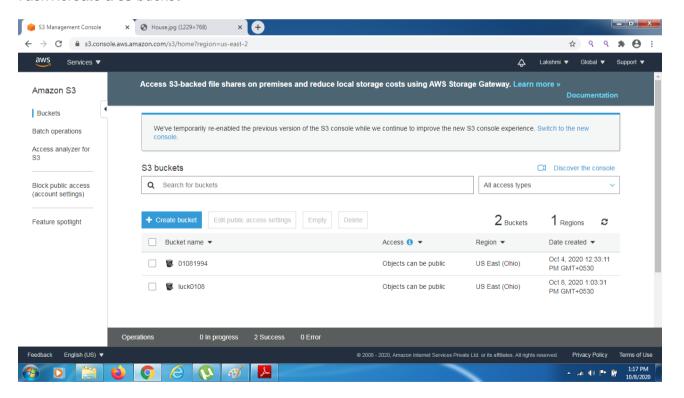


Task7:Release the ElasticIP

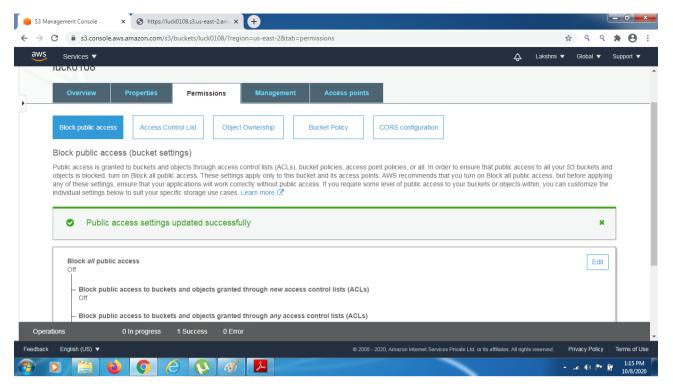


PROJECT 5: Working with S3

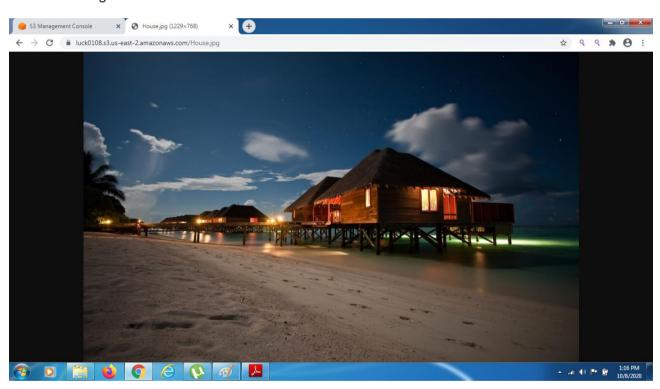
Task1:create a s3 bucket



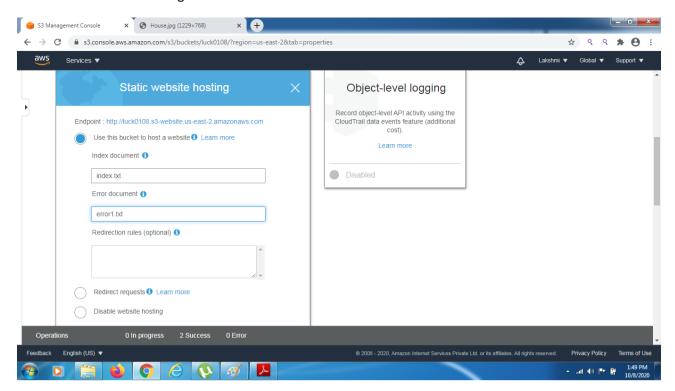
Task 2:making public of a file in s3 bucket



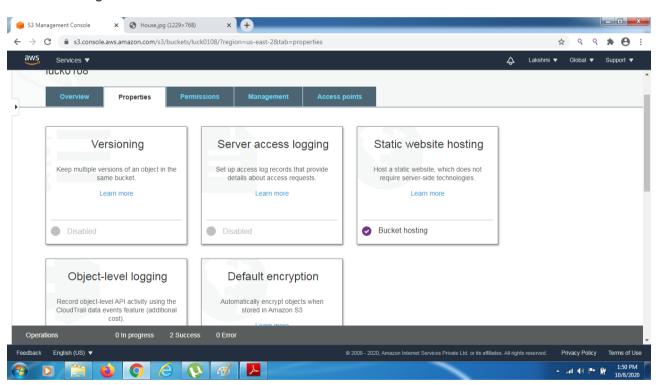
Task 3:s3 image



Task4: static web hosting



Task 5:Hosting of a bucket



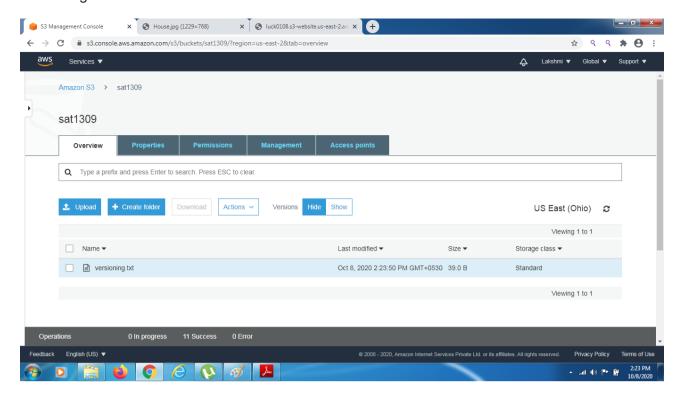
Task 6: showing of index and error web pages



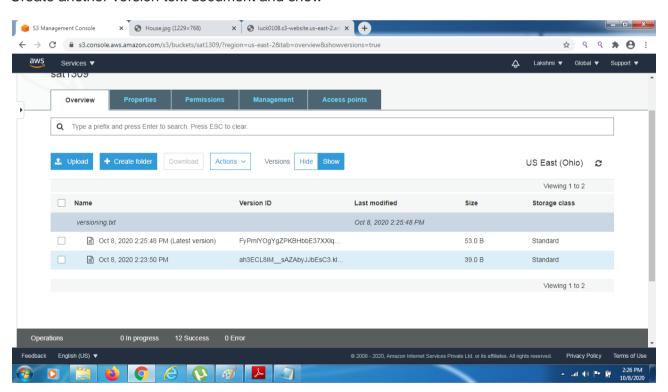




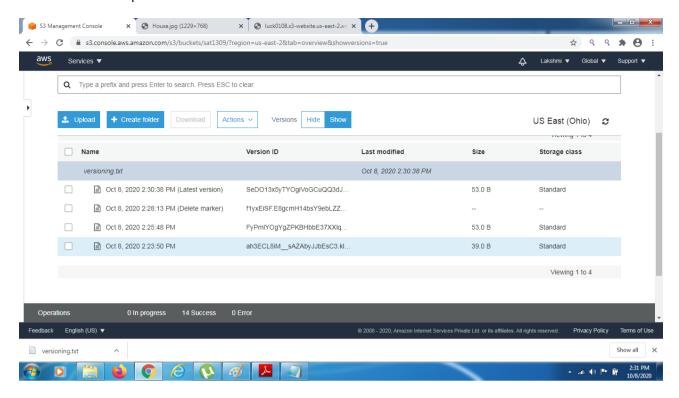
Versioning



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.