

# Project 3

Step1: Create two Linux instances, Use the first free Linux AML.

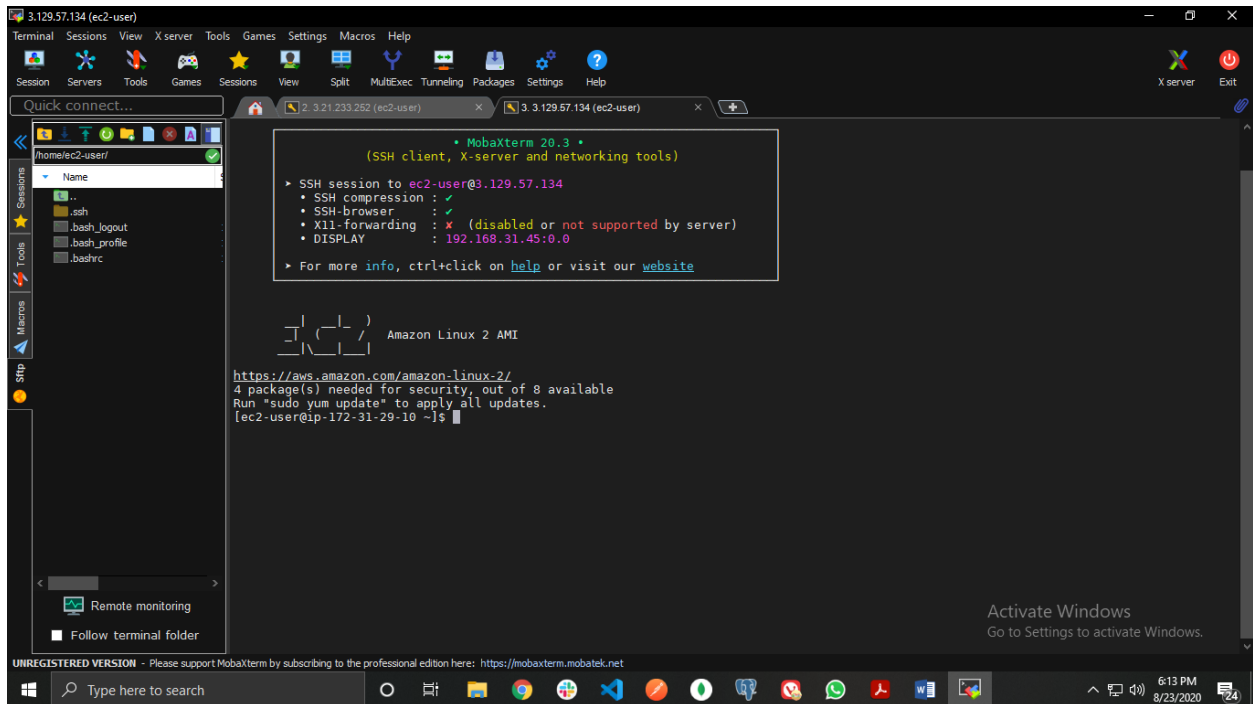
This screenshot shows the AWS Management Console for the us-east-2 region. The left sidebar contains navigation links for various services. The main content area displays a table of EC2 instances. Two instances are listed: 'Linux-1' and 'Linux-2', both of type 't2.micro' and in the 'us-east-2b' availability zone. Both instances are in the 'running' state. Below the table, the details for 'Linux-1' (Instance ID: i-08556d9056af64258) are shown, including its Public DNS (IPv4) address: ec2-3-21-233-252.us-east-2.compute.amazonaws.com.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux-1	i-08556d9056af64258	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-21-233-252.us-east-2.compute.amazonaws.com
Linux-2	i-0a08ffe2a8fb212ae	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-129-57-134.us-east-2.compute.amazonaws.com

This screenshot shows the AWS Management Console for the us-east-2 region, displaying the details for the second instance, 'Linux-2' (Instance ID: i-0a08ffe2a8fb212ae). The details panel shows the Public DNS (IPv4) address: ec2-3-129-57-134.us-east-2.compute.amazonaws.com. The instance is in the 'running' state.

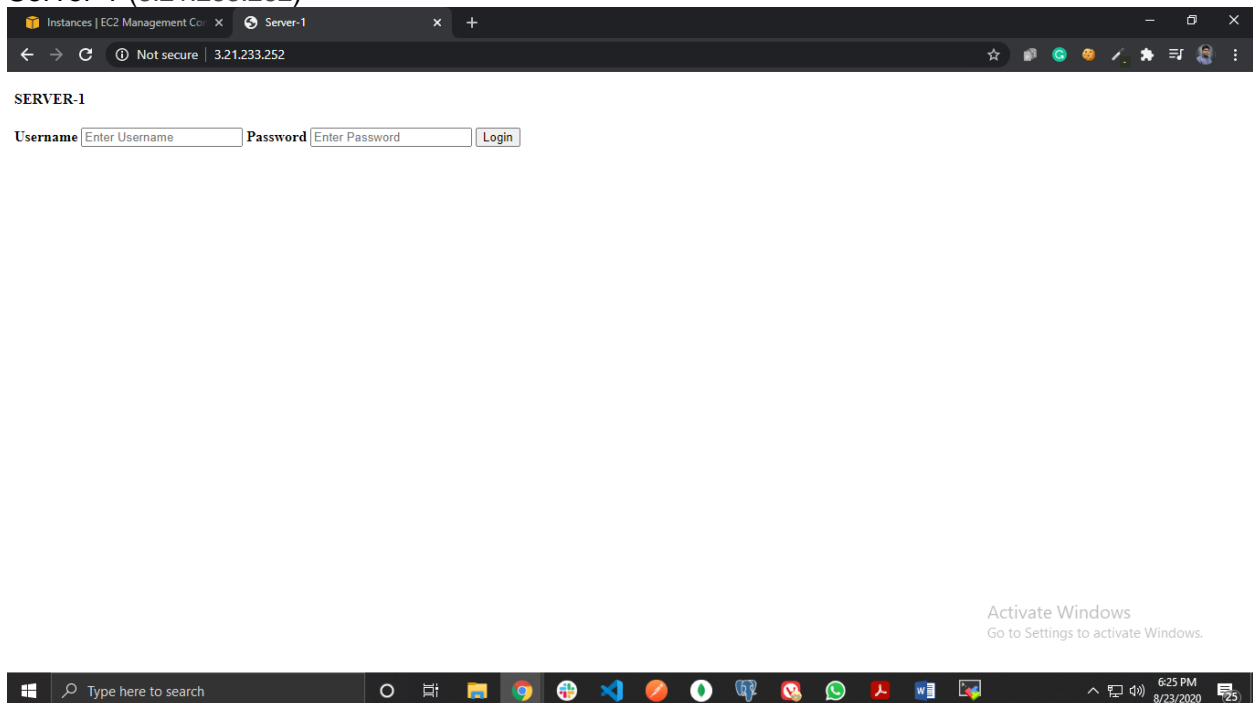
Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux-1	i-08556d9056af64258	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-21-233-252.us-east-2.compute.amazonaws.com
Linux-2	i-0a08ffe2a8fb212ae	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-129-57-134.us-east-2.compute.amazonaws.com

Step2: Launch both instances using MobaXterm.

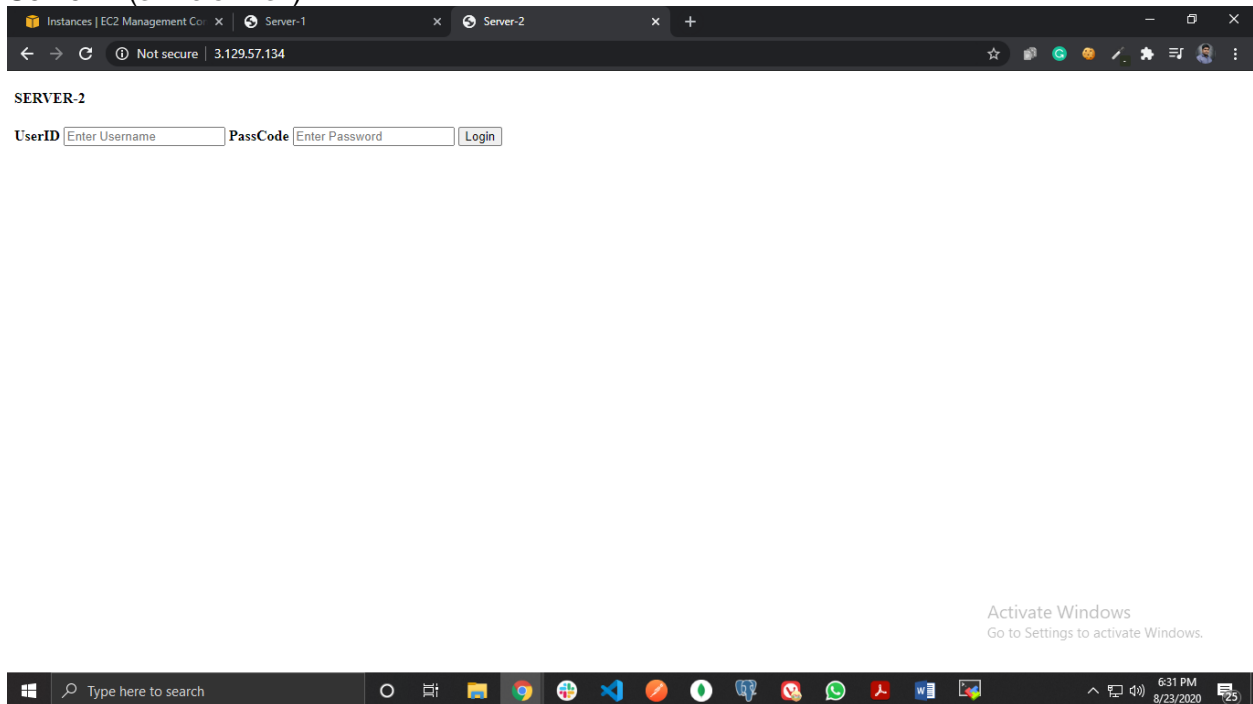


Step3: Host html login webpage on both servers (Refer video for steps).  
NOTE: Make change in the label of the second sever html configuration.

### Server-1 (3.21.233.252)



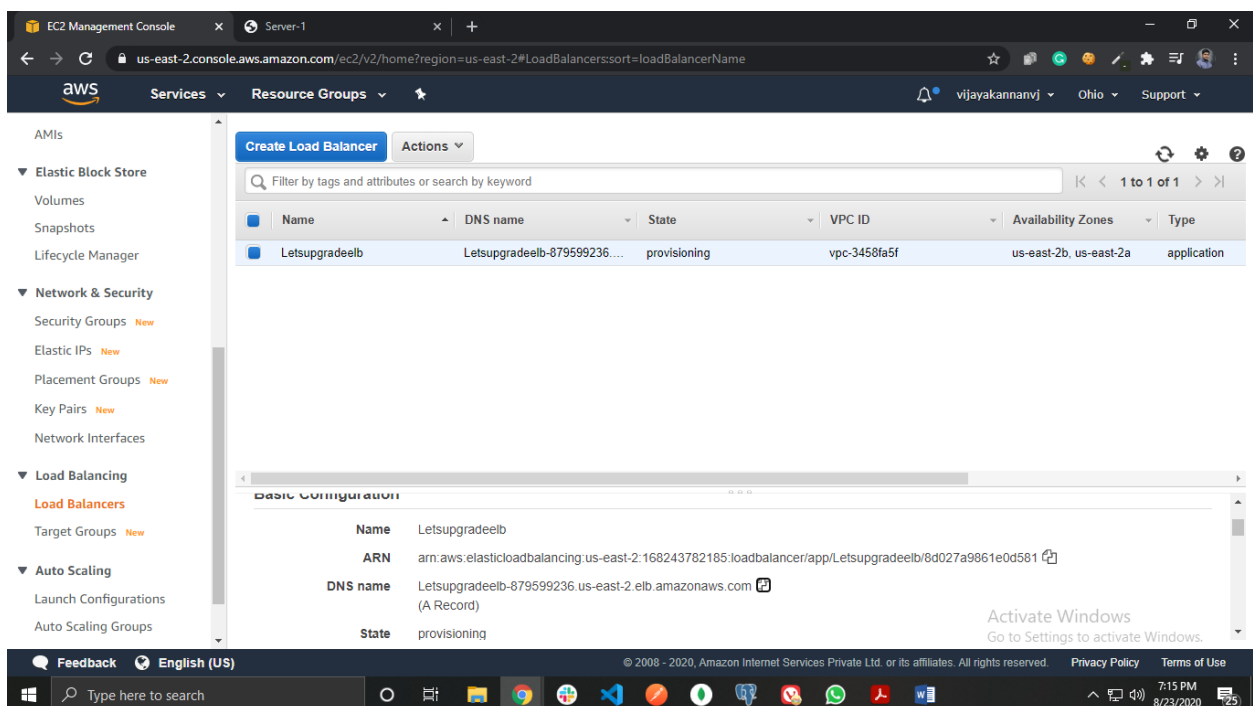
## Server-2 (3.129.57.134)



Step5: Check is application is deployed on both servers by copy pasting the public IP of the servers into the browser.

Server-1 (3.21.233.252) Server-2 (3.129.57.134)

Step6: Create an application Load balancer with the above two instances as targets.



Step7: Check the functioning of ELB.

DNS name: Letsupgradeelb-879599236.us-east-2.elb.amazonaws.com

