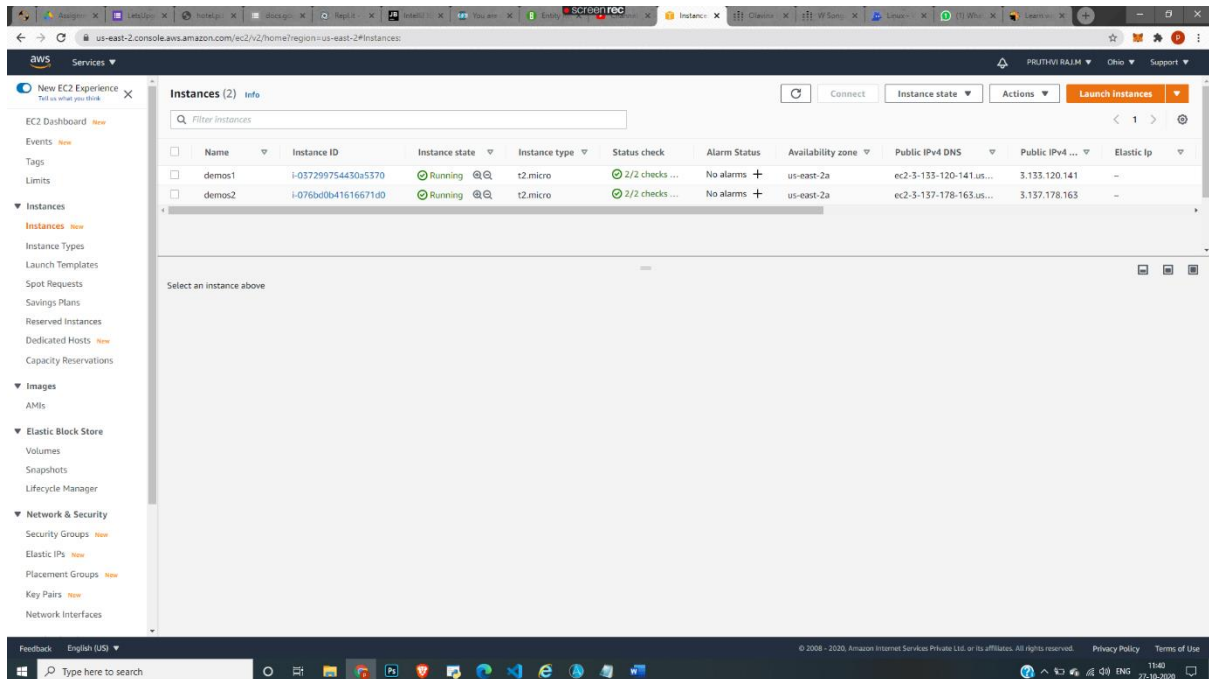


# AWS ASSIGNMENT 9 AND 10

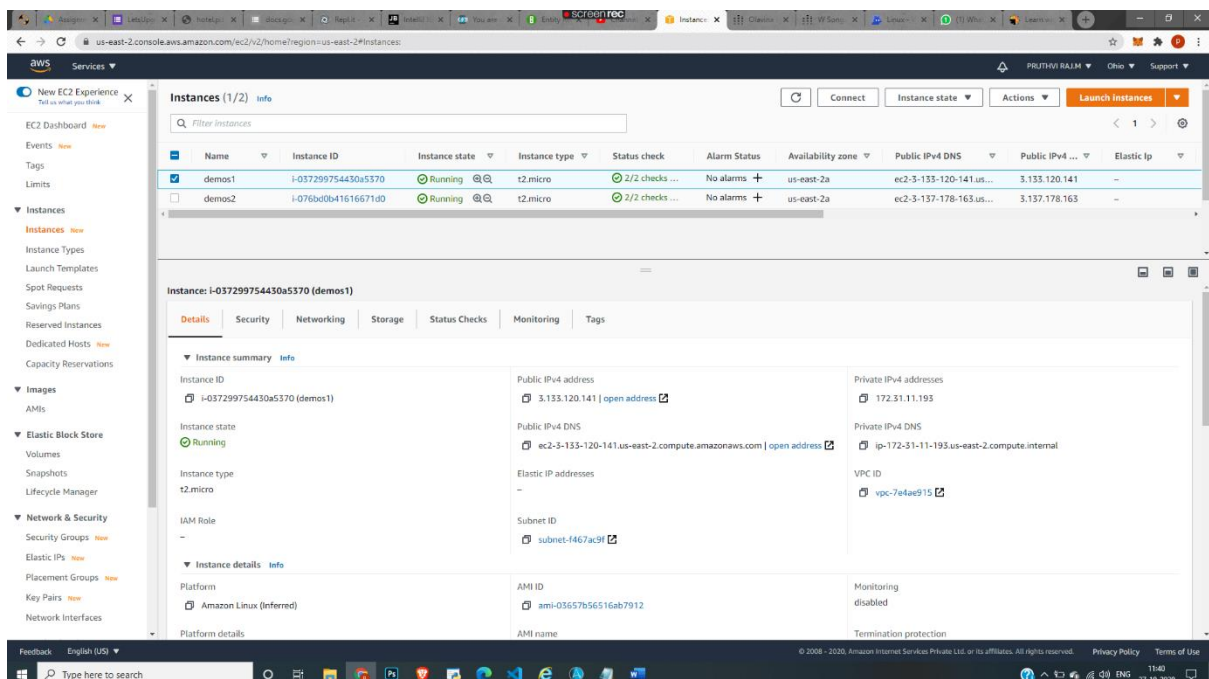
## TASK 1: INSTANCES LIST



The 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 the 'Instances (2)' list. Two instances are listed: 'demos1' and 'demos2'. Both are in the 'Running' state, using the 't2.micro' instance type, and have no alarms. The table includes columns for Name, Instance ID, Instance state, Instance type, Status check, Alarm Status, Availability zone, Public IPv4 DNS, Public IPv4 address, and Elastic IP.

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 ...	Elastic Ip
demos1	i-037299754430a5370	Running	t2.micro	2/2 checks ...	No alarms	us-east-2a	ec2-3-133-120-141.us...	3.133.120.141	--
demos2	i-076b0b41616671d0	Running	t2.micro	2/2 checks ...	No alarms	us-east-2a	ec2-3-137-178-163.us...	3.137.178.163	--

## TASK 2: SELECT A INSTANCE AND DISPLAY INSTANCE DETAILS OF SERVER 1



The screenshot shows the AWS Management Console with the details of instance 'demos1' (ID: i-037299754430a5370) selected. The 'Details' tab is active, showing various configuration parameters. The instance is running on the t2.micro instance type in the us-east-2a availability zone. It has a public IPv4 address of 3.133.120.141 and a public IPv4 DNS of ec2-3-133-120-141.us-east-2.compute.amazonaws.com. The instance is using the Amazon Linux (Inferred) platform and has a monitoring status of disabled.

Instance summary	
Instance ID	i-037299754430a5370 (demos1)
Instance state	Running
Instance type	t2.micro
IAM Role	--
Platform	Amazon Linux (Inferred)

Instance details	
Public IPv4 address	3.133.120.141   open address
Public IPv4 DNS	ec2-3-133-120-141.us-east-2.compute.amazonaws.com   open address
Elastic IP addresses	--
Subnet ID	subnet-f467ac9f
AMI ID	ami-03657b56516ab7912
AMI name	--
Private IPv4 addresses	172.31.11.193
Private IPv4 DNS	ip-172-31-11-193.us-east-2.compute.internal
VPC ID	vpc-7e4ae915
Monitoring	disabled
Termination protection	--

## TASK 3: SELECT A INSTANCE AND DISPLAY DETAILS OF SERVER2

The screenshot displays the AWS Management Console interface. On the left, a navigation menu includes options like 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Images', 'Elastic Block Store', 'Network & Security', and 'Key Pairs'. The main area is titled 'Instances (1/2) Info' and contains a table of EC2 instances. The instance 'demos2' is selected, and its details are shown in the 'Instance summary' section. The details include the Instance ID (i-076b0b41616671d0), Instance state (Running), Instance type (t2.micro), IAM Role, Platform (Amazon Linux (Inferred)), and AMI ID (ami-03657b56516ab7912). The 'Instance details' section shows the Public IPv4 address (3.137.178.163), Public IPv4 DNS (ec2-3-137-178-163.us-east-2.compute.amazonaws.com), Elastic IP addresses, VPC ID (vpc-7e4ae915), and Subnet ID (subnet-f467ac9f).

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 ...	Elastic Ip
demos1	i-037299754430a5370	Running	t2.micro	2/2 checks ...	No alarms	us-east-2a	ec2-3-133-120-141.us...	3.133.120.141	-
demos2	i-076b0b41616671d0	Running	t2.micro	2/2 checks ...	No alarms	us-east-2a	ec2-3-137-178-163.us...	3.137.178.163	-

**Instance: i-076b0b41616671d0 (demos2)**

**Instance summary**

Instance ID: i-076b0b41616671d0 (demos2)  
Instance state: Running  
Instance type: t2.micro  
IAM Role: -  
Platform: Amazon Linux (Inferred)  
AMI ID: ami-03657b56516ab7912

**Instance details**

Public IPv4 address: 3.137.178.163 [open address]  
Public IPv4 DNS: ec2-3-137-178-163.us-east-2.compute.amazonaws.com [open address]  
Elastic IP addresses: -  
VPC ID: vpc-7e4ae915  
Subnet ID: subnet-f467ac9f

## TASK 4:STATUS – ACTIVE RUNNING

The screenshot shows a terminal window with the following output:

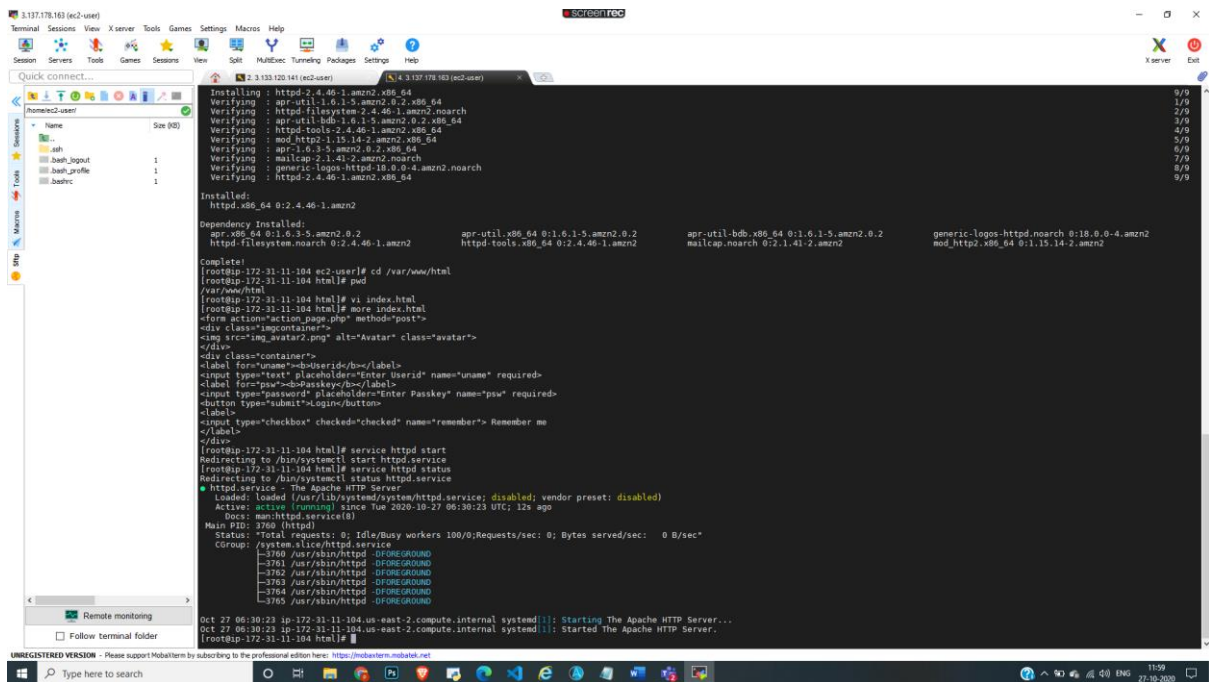
```
Verifying : mod_httpd-1.15.14-2.amzn2.x86_64
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64
Verifying : mailcap-2.1.41-2.amzn2.noarch
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch
Verifying : httpd-2.4.46-1.amzn2.x86_64

Installed:
httpd.x86_64 0:2.4.46-1.amzn2

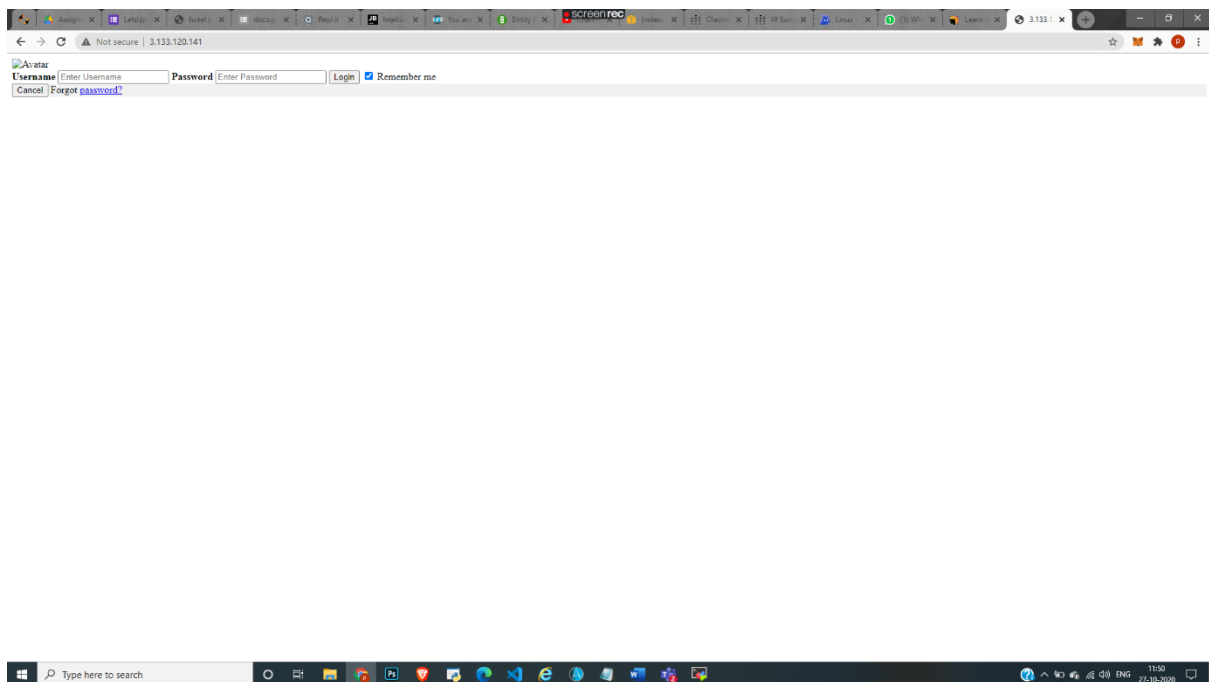
Dependency Installed:
apr.x86_64 0:1.6.3-5.amzn2.0.2
httpd-tools.x86_64 0:2.4.46-1.amzn2
apr-util.x86_64 0:1.6.1-5.amzn2.0.2
mailcap.noarch 0:2.1.41-2.amzn2
generic-logos-httpd.noarch 0:18.0.0-4.amzn2
mod_httpd.x86_64 0:1.15.14-2.amzn2

Complete!
[root@ip-172-31-11-193 ec2-user]# cd /var/www/html
[root@ip-172-31-11-193 html]# pwd
/var/www/html
[root@ip-172-31-11-193 html]# vi index.html
[root@ip-172-31-11-193 html]# more index.html
<form action="action_page.php" method="post">
<div class="imgcontainer">

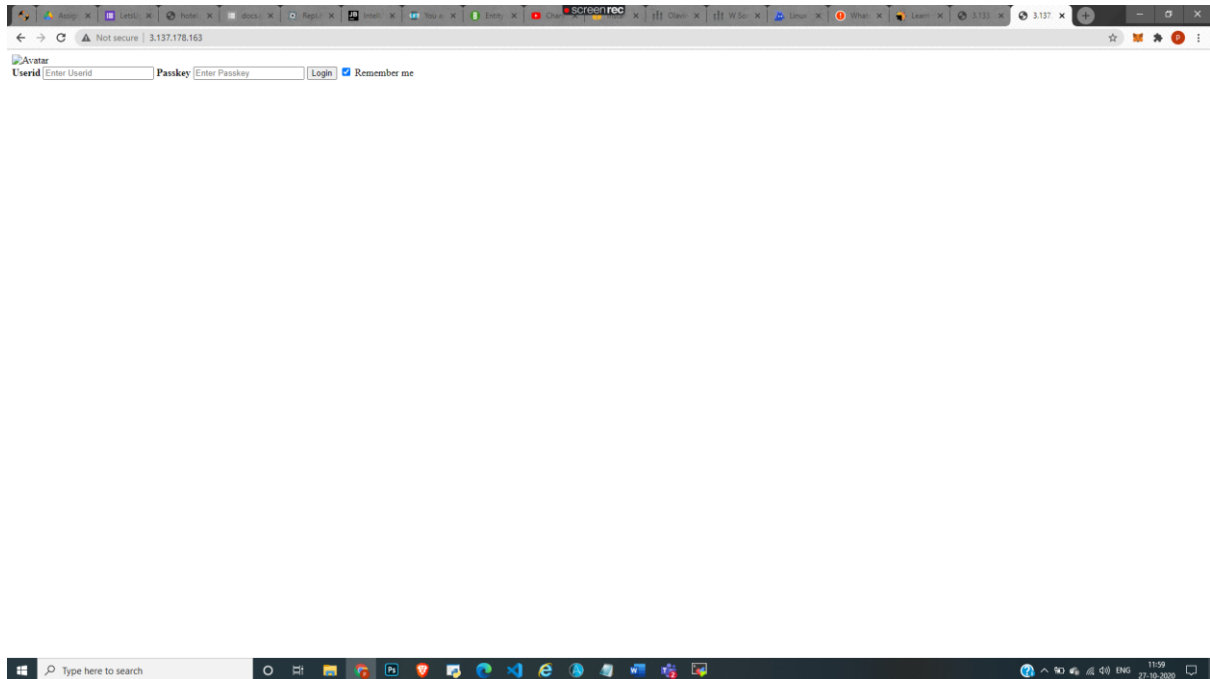
</div>
<div class="container">
<label for="username">Username</label>
<input type="text" placeholder="Enter Username" name="username" required>
<label for="password">Password</label>
<input type="password" placeholder="Enter Password" name="password" required>
<button type="submit">Login</button>
<div>
<input type="checkbox" checked="checked" name="remember"> Remember me
</div>
<div>
<div class="container" style="background-color:#f1f1f1">
<button type="button" class="cancelbtn">Cancel</button>
<span class="psw">Forgot <a href="#">password</a>
</div>
</div>
</form>
[root@ip-172-31-11-193 html]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-11-193 html]# service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
Active: active (running) since Tue 2020-10-27 06:21:31 UTC; 28s ago
Docs: man:httd.service(8)
Main PID: 3736 (httpd)
Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
Corrupt: /system.slice/httpd.service
┌─3736 /usr/sbin/httpd -DFOREGROUND
├─3737 /usr/sbin/httpd -DFOREGROUND
├─3738 /usr/sbin/httpd -DFOREGROUND
├─3739 /usr/sbin/httpd -DFOREGROUND
├─3740 /usr/sbin/httpd -DFOREGROUND
└─3741 /usr/sbin/httpd -DFOREGROUND
```



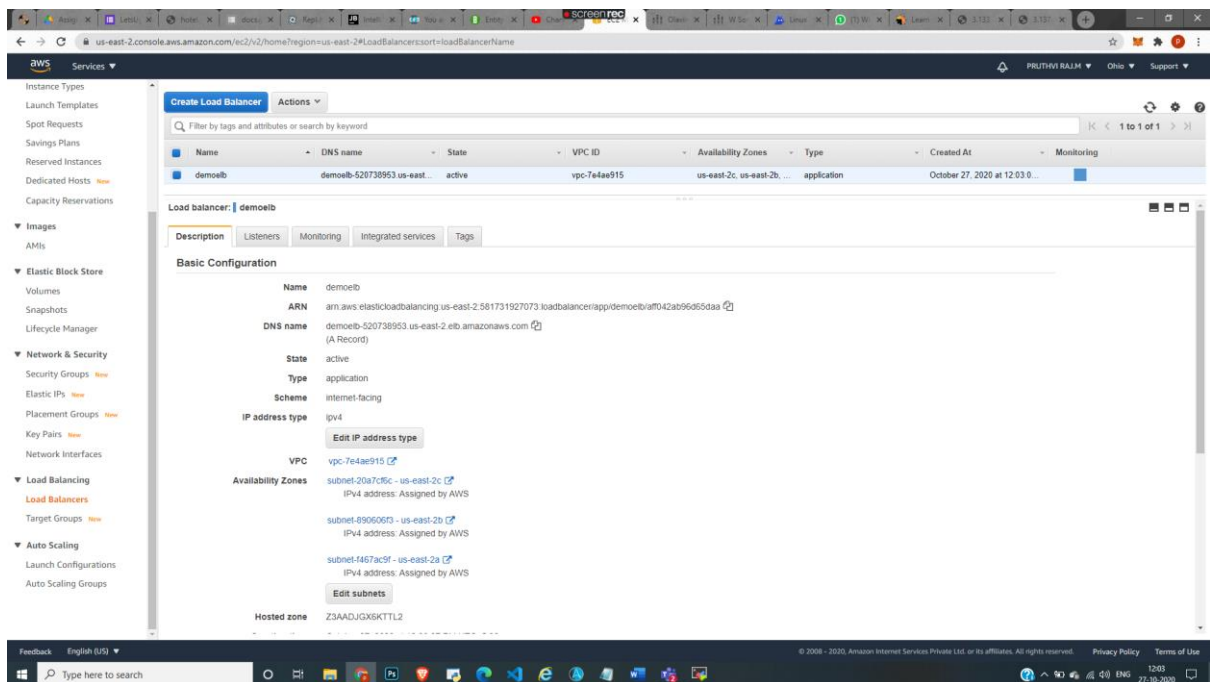
## TASK 5: USERNAME PASSWORD PAGE



## TASK 6: USERID PASSKEY PAGE



## TASK 7: LOAD BALANCER



# TASK 8: REPLAY FROM SERVER 1 AND SERVER 2

## SERVER 1

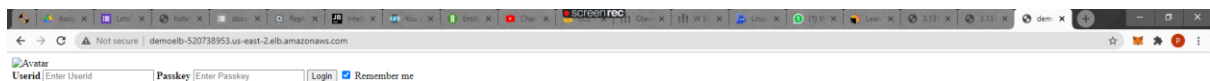


Avatar

Username  Password   ☐ Remember me

[Forgot password?](#)

## SERVER 2



Avatar

Userid  Passkey   ☐ Remember me

