



# AMAZON WEB SERVICES

**Letsupgrade Assignment**

## ABOUT

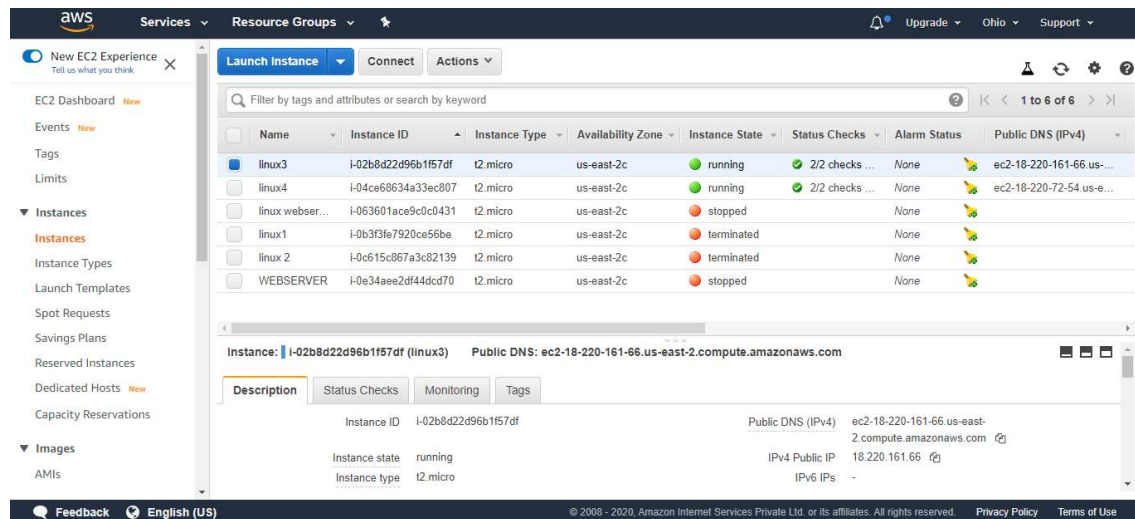
We learn about how to publish a simple log-in html page in AML. Create load balancer using of target instances, and check also DNS functioning.

Abhishek Sachan

[Abhisheksachan461@gmail.com](mailto:Abhisheksachan461@gmail.com)

8687511247

PROJECT 3



### Linux 3

Firstly we launch a 2 AMI Under Amazon Linux 2 AMI (HVM) t2.Micro Instance Type.

Connect all two instances to SSH server using with mobaxterm .

IP Details

Type these as below

**Sudo su** ( for root user)

**Yum install httpd** (for install apache service)

**Cd /var/www/html** ( change directory)

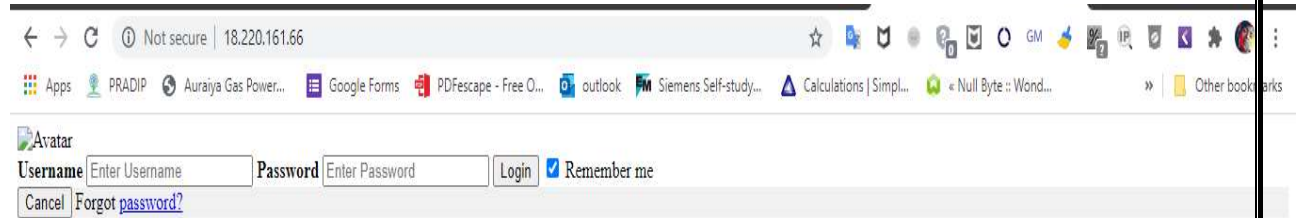
**vi index.html** (write/paste html code in linux, as below)

```
<form action="action_page.php" method="post">
  <div class="imgcontainer">
    
  </div>
  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>
    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>
    <button type="submit">Login</button>
  </div>
  <div class="container" style="background-color:#f1f1f1">
    <input type="checkbox" checked="checked" name="remember"> Remember me
  </div>
  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>
```

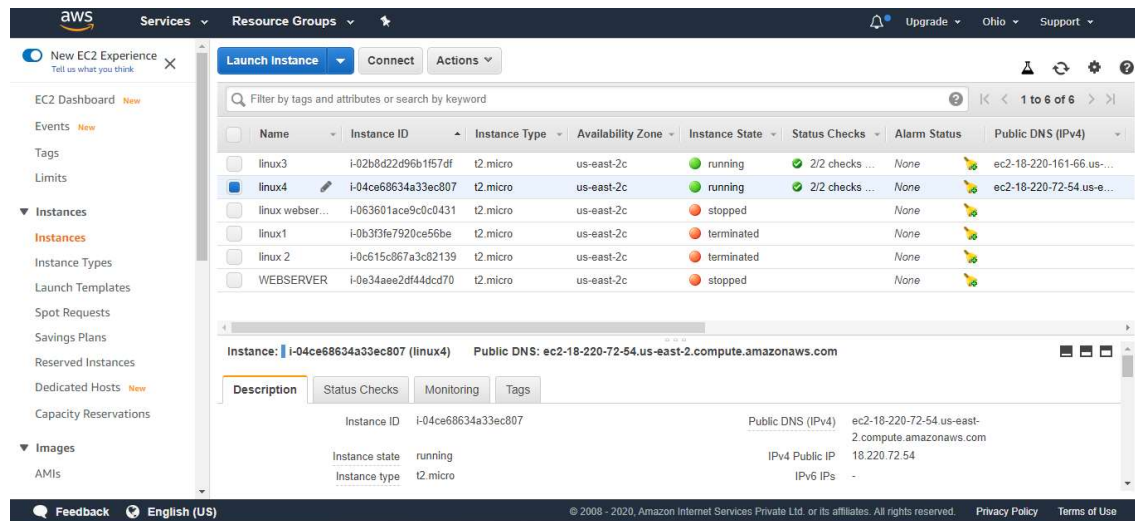
Press **Escape+:wq** (exit edit screen)

**More index.html** ( for view your code)

**Service httpd start**



Log-in page shown as above via IP Address – **18.220.161.66**



Linux 4

Launch AMI as above steps

Connect instance to SSH server using with mobaxterm .

Type these as below

**Sudo su** (for root user)

**Yum install httpd** (for install apache service)

**Cd /var/www/html** ( change directory)

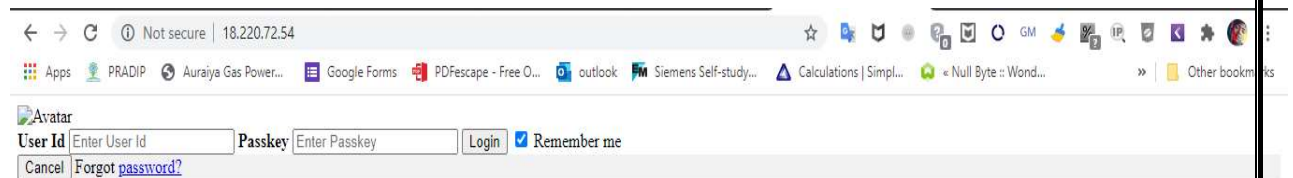
**Vi index.html** (write/paste html code in linux, as below)

```
<form action="action_page.php" method="post">
  <div class="imgcontainer">
    
  </div>
  <div class="container">
    <label for="uname"><b> User Id </b></label>
    <input type="text" placeholder="Enter User Id" name="uname" required>
    <label for="psw"><b>Passkey</b></label>
    <input type="password" placeholder="Enter Passkey" name="psw" required>
    <button type="submit">Login</button>
  </div>
  <div class="container" style="background-color:#f1f1f1">
    <input type="checkbox" checked="checked" name="remember"> Remember me
  </div>
  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>
```

Press **Escape+:wq** (exit edit screen)

**More index.html** ( for view your code)

**Service httpd start**



Log-in page shown as above via IP Address – **18.220.72.54**

## 2. Create ELB (Elastic load balance) using both above instances

The screenshot shows the AWS Management Console interface for creating a new Elastic Load Balancing (ELB) instance. The left sidebar contains navigation links for various AWS services. The main content area displays the 'Create Load Balancer' wizard. The 'Load balancer: Elb1' configuration is shown, including its Name, ARN, DNS name, State, and Type. The 'Basic Configuration' section is expanded, showing the following details:

Property	Value
Name	Elb1
ARN	arn:aws:elasticloadbalancing:us-east-2:623145162015:loadbalancer/app/Elb1/81fca81d3096c70
DNS name	Elb1-2125126283-us-east-2-elb.amazonaws.com (A Record)
State	active
Type	application

## View Target status

The screenshot shows the AWS Management Console interface for viewing the status of a specific Elastic Load Balancing (ELB) instance. The left sidebar contains navigation links for various AWS services. The main content area displays the 'View Target status' page for ELB12. The 'Basic configuration' section is expanded, showing the following details:

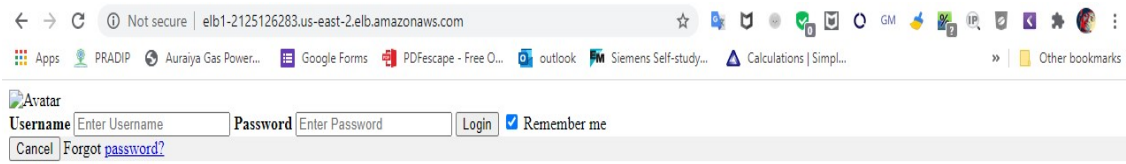
Property	Value
Target type	Instance
Protocol : Port	HTTP : 80
VPC	vpc-fd3f9c96
Load balancer	Elb1

The 'Registered targets (2)' section shows two instances with their respective names, ports, zones, and status (healthy):

Instance ID	Name	Port	Zone	Status	Status details
i-02b8d22d96b1f57df	linux3	80	us-east-2c	healthy	
i-04ce68634a33ec807	linux4	80	us-east-2c	healthy	

### 3. DNS Function Working Successfully.

DNS : <http://elb1-2125126283.us-east-2.elb.amazonaws.com/>



Avatar

Username  Password   ☒ Remember me

[Forgot password?](#)

# END

THANK YOU