AMAZON WEB SERVICES

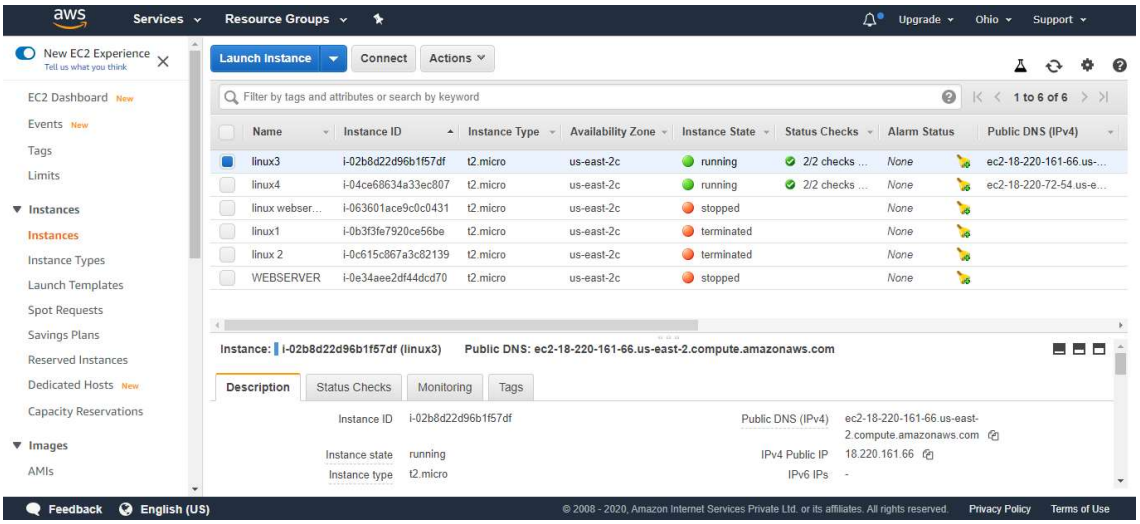
Letsupgrade Assignment

ABOUT

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

Abhishek Sachan
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)

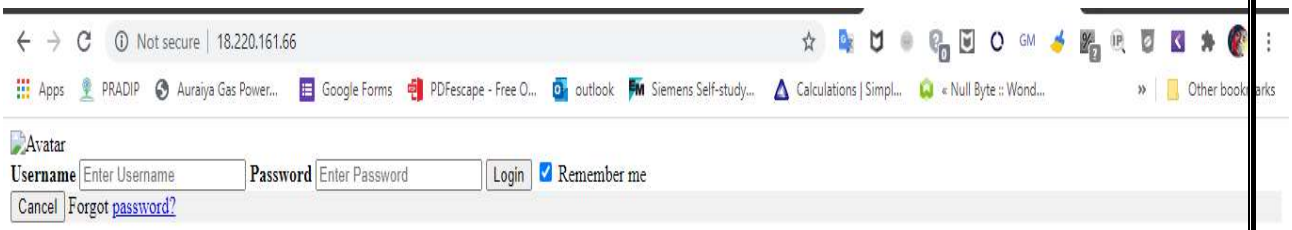
```
<form action="action_page.php" method="post">
  <div class="imgcontainer">
    <img src="img_avatar2.png" alt="Avatar" class="avatar">
  </div>
  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>
    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>
    <button type="submit">Login</button>
  <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </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>
```

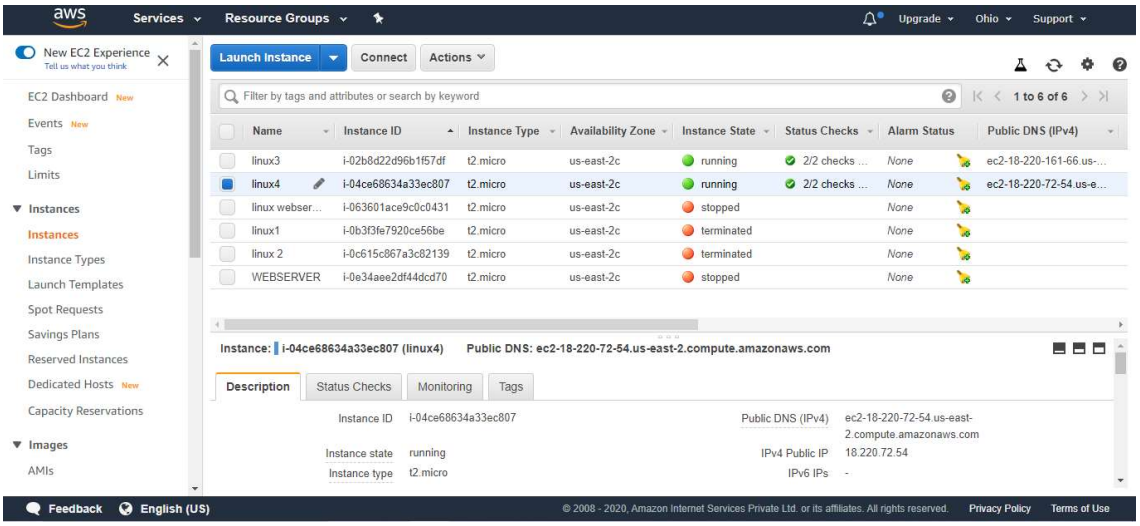
Press **Escape+:wq** (exit edit screen)

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)

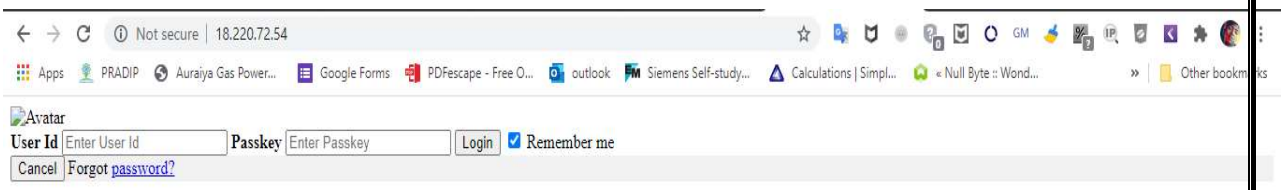
```
<form action="action_page.php" method="post">
  <div class="imgcontainer">
    <img src="img_avatar2.png" alt="Avatar" class="avatar">
  </div>
  <div class="container">
    <label for="uname"><b> User Id </b></label>
    <input type="text" placeholder="Enter User Id" name="uname" required>
    <label for="psw"><b>Passkey</b></label>
    <input type="password" placeholder="Enter Passkey" name="psw" required>
    <button type="submit">Login</button>
  <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </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)

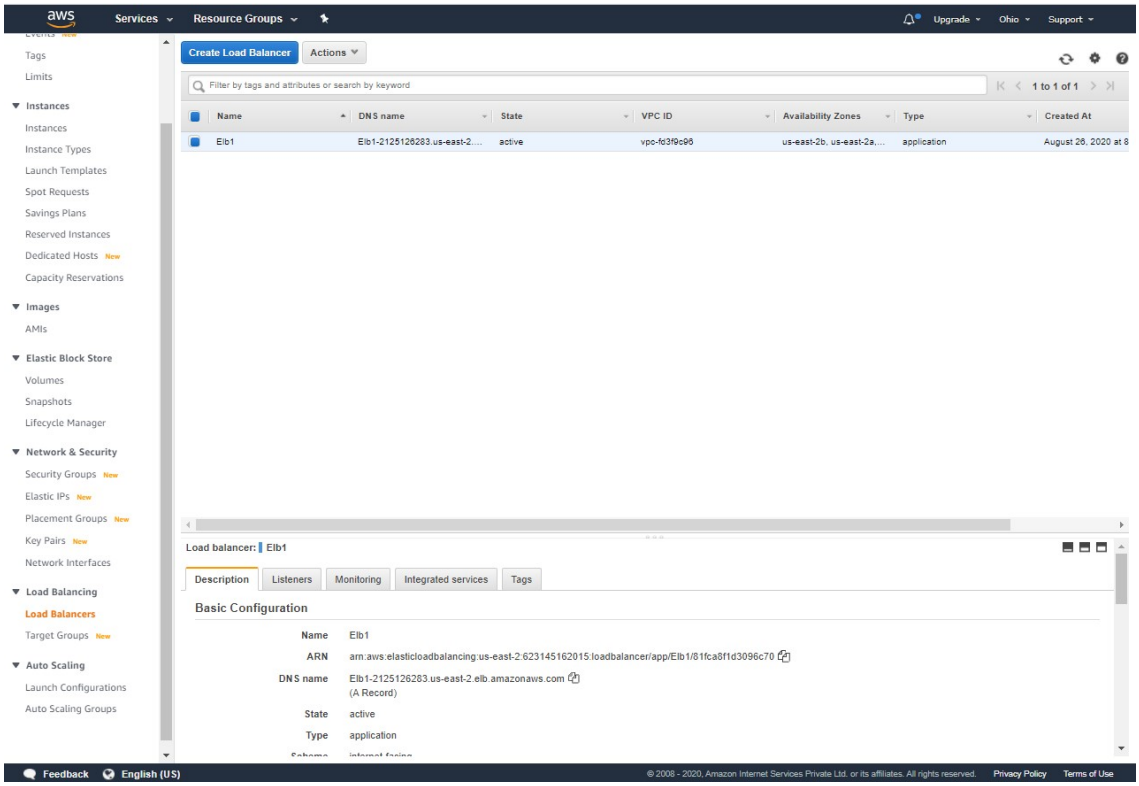
More index.html (for view your code)

Service httpd start

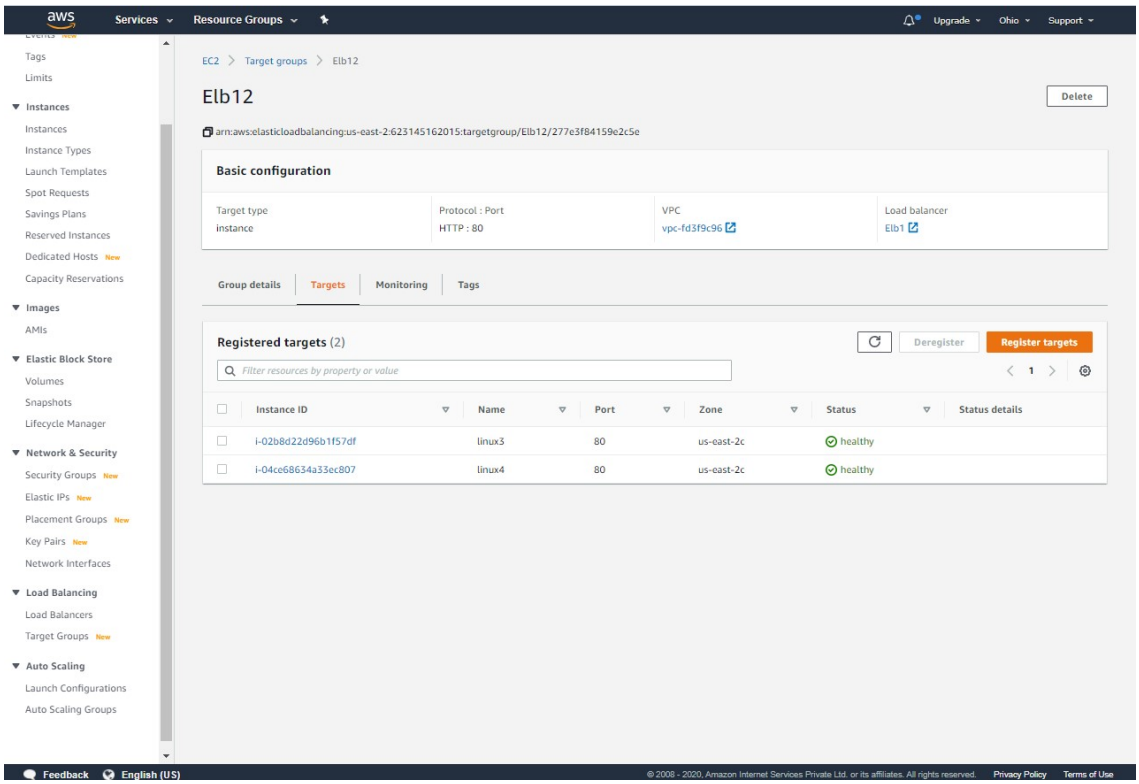


Log-in page shown as above via IP Address – **18.220.72.54**

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

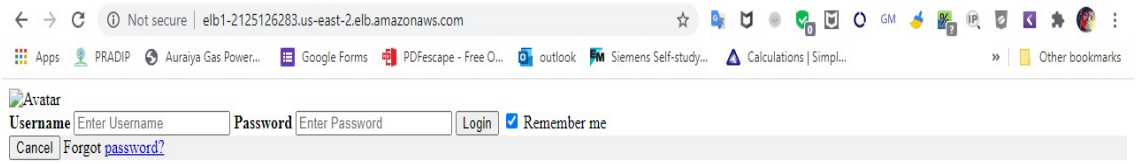


View Target status



3. DNS Function Working Successfully.

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



END

THANK YOU