

Assignment Day 8| 24th October 2020

For any doubts regarding the assignment, ask questions in the AWS Group in the Community.

Submit Assignments by **30th October 2020 11:59 PM.**

Assignment Submit Form: <https://forms.gle/Hgkz3CoTcUr5KA689>

Submit assignments in Appropriate Dropdowns.

Project 3:

Step1:Create two linux instances,Use the first free linux AMI

ss1:instances list

ss2:select a instance and display instance details of server1

ss3:select a instance and display instance details of server2

Step2:Launch both instances using Mobaxterm

Step3:Host html login webpage on both servers
(Refer video for steps)

```
sudo su
yum install httpd
cd /var/www/html
pwd
vi index.html
i
copy paste code
esc:wq
more index.html
```

```
service httpd start  
service httpd status
```

ss4:Status:Active running- black screen

NOTE:Make change in the label of the second sever html configuration

HTML code for login page:

```
<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>  
    <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>
```

Step4:Check if application is deployed on both servers by copy pasting the public ip of the servers into the browser.

ss5:username password page

ss6:userid passkey

Step5:Create a application Load balancer with the above two instances as targets

ss7:Load balancer screenshot

Step6:Check the functioning of ELB using the DNS of the ELB

use the dns

ss8:reply from server1

ss9:reply from server2

FAQs

Q. What needs to be uploaded?

- A.
 1. Pages of ALL instances
 2. Public ids of all instances
 3. Web Server pages of all instances.
 4. Above mentioned screenshots should be uploaded

Q. How to upload an assignment?

- A.
 1. Take the screenshots
 2. Upload the screenshots in day wise folders in the drive or GitHub
 3. Share the link in the google form.

Q. When do I submit the Assignments and how?

- A. The assignments for the week should be submitted by Friday at 11:59 PM IST.

Q. Where do I get class links for the next session?

- A. All sessions will be Live on the Learning Management System. It will be also updated in the Community Group in the pinned post.

Q. I have some doubt, who do I ask?

- A. (a) Post your Queries on the community, someone will help you out.