

# Assignment/Project Day 4 | 22nd August 2020

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For any doubts regarding the assignment, ask questions in the [Cloud Computing](#) Group in the Community.

Submit Assignments by **28th August 2020 5:00 PM.**

Project Submit Form : <https://forms.gle/knQLVMHQwbphDcaYA>

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## Project 3

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

Step2: Launch both instances using MobaXterm

Step4: Host html login webpage on both servers

(Refer video for steps)

NOTE: Make change in the label of the second server 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>
```

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

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

Step7: Check the functioning of ELB

Task 2: Launch the Ubuntu instance using SSH

Note: Username is ubuntu

Task 3: Install nginx web server using bash

Note: Simply copy the command below and paste in the bash to install the nginx web server.

```
sudo apt-get -y update
```

```
sudo apt-get -y install nginx
```

Task 4: Verify successful installation of nginx

Note: You should be able to see the Welcome to nginx Web page when you paste the public IP into the browser.

## FAQs

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### **Q. When do I submit the Project and how?**

- A. The assignments for the week should be submitted by Friday ,5:00 PM IST.
- B. Create a Github public repo and name it LetsUpgrade AWS
- C. Upload the files/solution in the repo in a day-wise manner.
- D. Copy the URL of the Folder of that day and paste in the Assignment Submission Form (Google Form)
- E. Make sure you are filling correct details in the Assignment Submission Form.

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

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

### **Q. I have some doubt, whom do I ask?**

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

### **Q. How can we know if my project is verified or not? And is it successfully submitted or not?**

- A. You will receive a mail for your successful submission.