

AWS Project 3

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

Google Launch instance wizard LetsUpgrade Cloud Computing AWS-Essentials/Day Day-4 Assignment.p

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance Details 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

Auto-assign Public IP

Placement group ☐ Add instance to placement group

Capacity Reservation

IAM role [Create new IAM role](#)

Shutdown behavior

Stop - Hibernate behavior ☐ Enable hibernation as an additional stop behavior

Enable termination protection ☒ Protect against accidental termination

Monitoring ☐ Enable CloudWatch detailed monitoring
[Additional charges apply.](#)

Tenancy

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Storage](#)

Feedback English (US) © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Google Launch instance wizard LetsUpgrade Cloud Computing AWS-Essentials/Day Day-4 Assignment.p

console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

Google Instances | EC2 Man LetsUpgrade Cloud Computing AWS-Essentials/Day Day-4 Assignment.p

console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:sort=instanceId

aws Services Resource Groups

New EC2 Experience Tell us what you think

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

	Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (I
<input type="checkbox"/>	linux 1	i-01dbab59a2ac3f0e9	t2.micro	us-east-1e	running	Initializing	None	ec2-3-83-227-6
<input checked="" type="checkbox"/>	linux 2	i-059ca0f1b8be90704	t2.micro	us-east-1e	running	Initializing	None	ec2-54-90-22-4

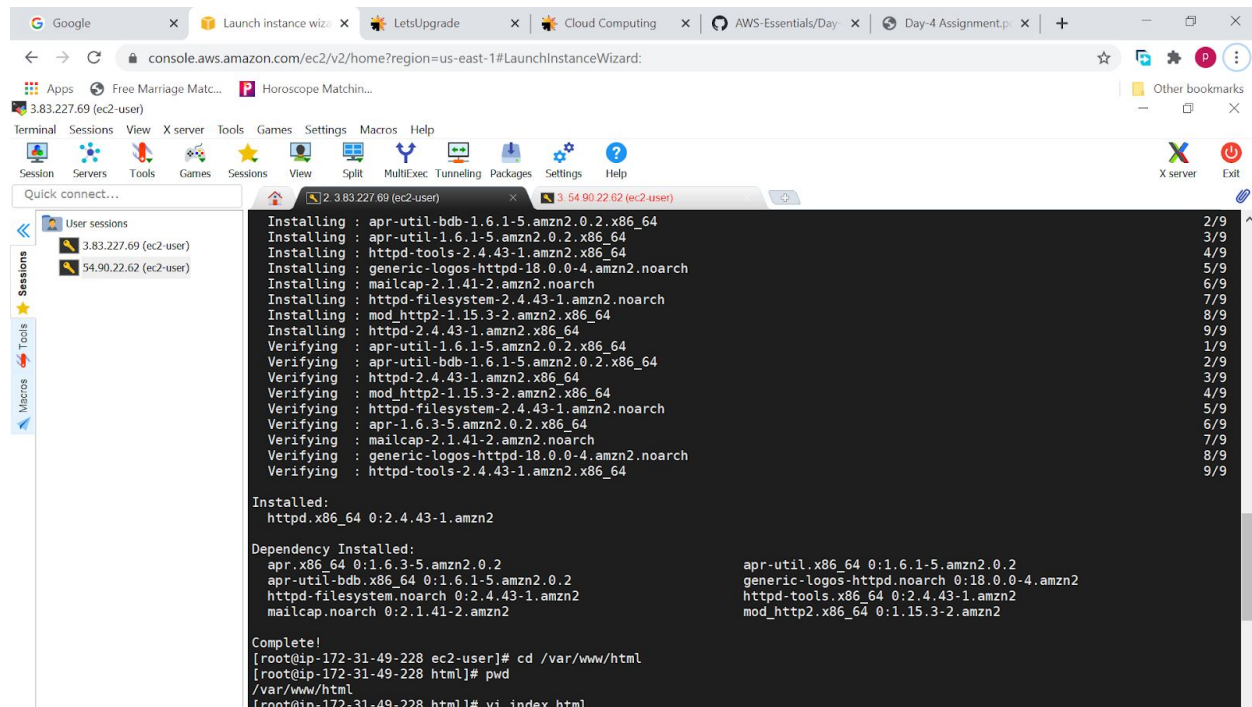
Instance: **i-059ca0f1b8be90704 (linux 2)** Public DNS: **ec2-54-90-22-62.compute-1.amazonaws.com**

Description Status Checks Monitoring Tags

Instance ID: i-059ca0f1b8be90704 Public DNS (IPv4): ec2-54-90-22-62.compute-1.amazonaws.com

Step2:

Launch both instances using Mobaxterm



Step3: Host html login web page on both servers

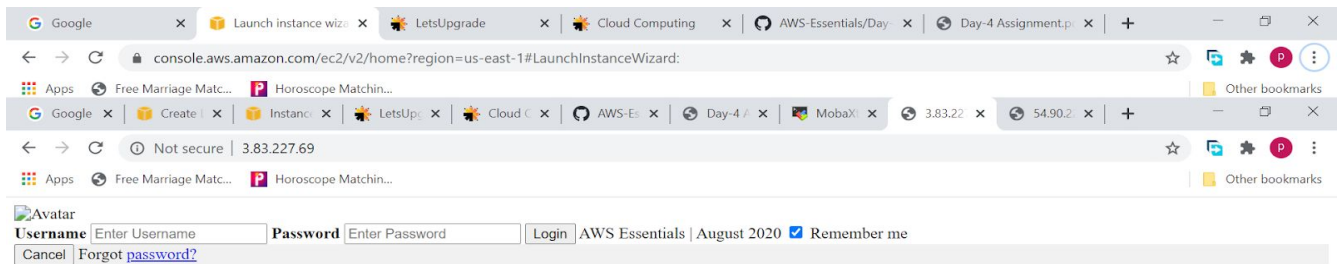
```
# cd /var/www/html      // create path
# pwd                   // view present working dir
# vi index.html          // create html page
```

paste html content

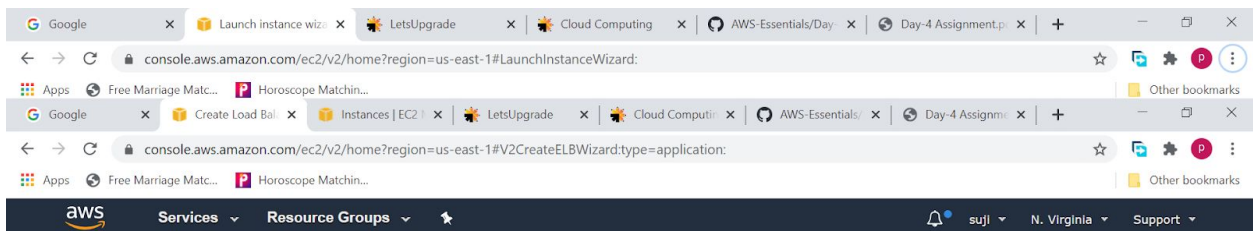
Esc - :wq

```
# more index.html        // view html page
# service httpd start    // start the service
```


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



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



Load Balancer Creation Status

 **Successfully created load balancer**
Load balancer **demoELB** was successfully created.
Note: It might take a few minutes for your load balancer to be fully set up and ready to route traffic, and for the targets to complete the registration process and pass the initial health checks.
Suggested next steps

- Discover other services that you can integrate with your load balancer. Visit the **Integrated services** tab within **demoELB**
- Consider using AWS Global Accelerator to further improve the availability and performance of your applications. [AWS Global Accelerator console](#)

Close

Step7:Check the functioning of ELB

The screenshot shows a web browser window with multiple tabs open, including Google, Launch instance wizard, LetsUpgrade, Cloud Computing, AWS-Essentials/Day, and Day-4 Assignment.p. The active tab is the AWS Management Console at `console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:`. The browser address bar shows the URL and the page is titled "Not secure | 54.90.22.62". The page content displays the login interface for "AWS Essentials | August 2020". It includes a "Login" button, a "Remember me" checkbox, and a "Forgot password?" link. The login form has fields for "Username" and "Password", both labeled "Enter Username" and "Enter Password" respectively. There are also "Cancel" and "Forgot password?" links at the bottom left of the login area.

Avatar

Username2 Enter Username Password2 Enter Password Login AWS Essentials | August 2020 ☒ Remember me

Cancel Forgot password?