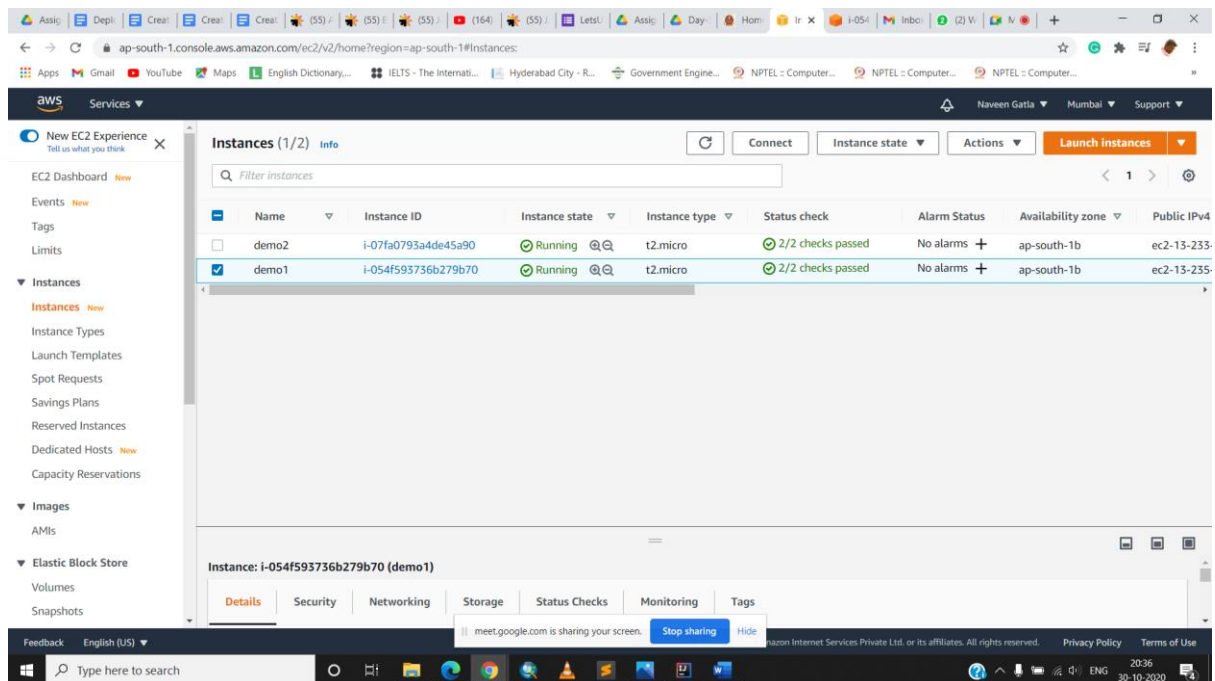


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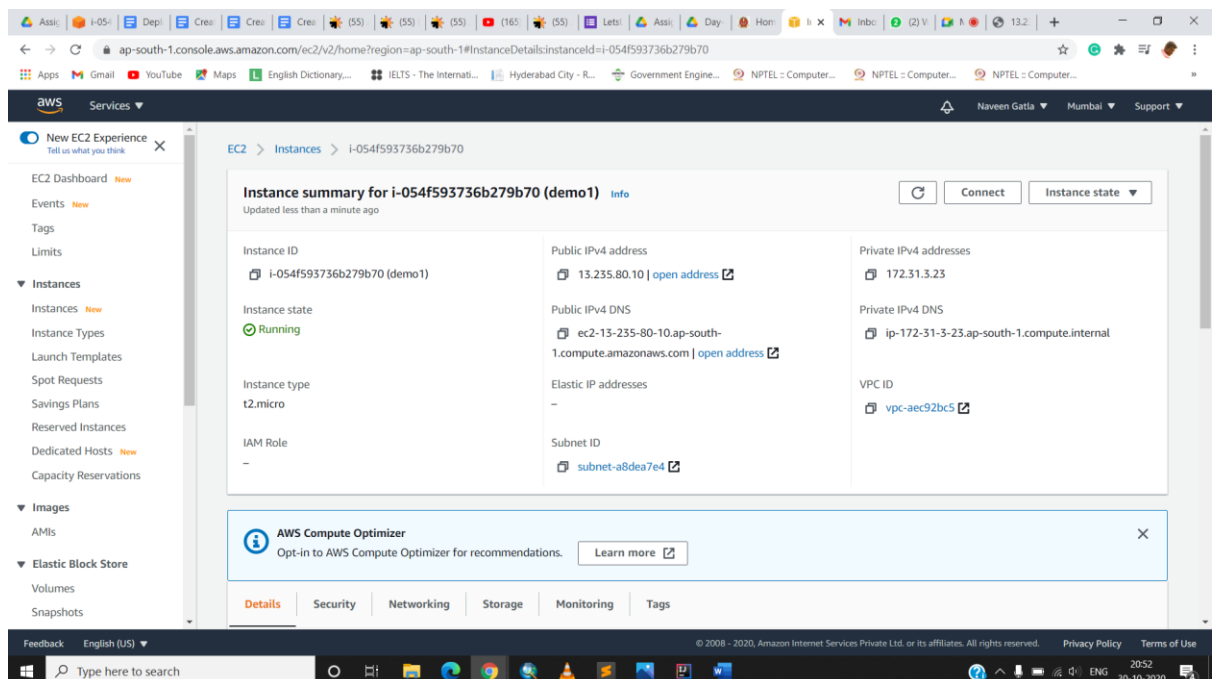
Project :

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

The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, and Capacity Reservations. The main content area displays the 'Instance summary for i-07fa0793a4de45a90 (demo2)'. The instance is in the 'Running' state, has a public IPv4 address of 13.233.255.248, and a private IPv4 address of 172.31.1.6. The instance type is 't2.micro' and the IAM role is '-'. Below the summary, there is a section for 'AWS Compute Optimizer' with a 'Learn more' link. The bottom of the console shows the Windows taskbar with various application icons and the system clock.

Ss4

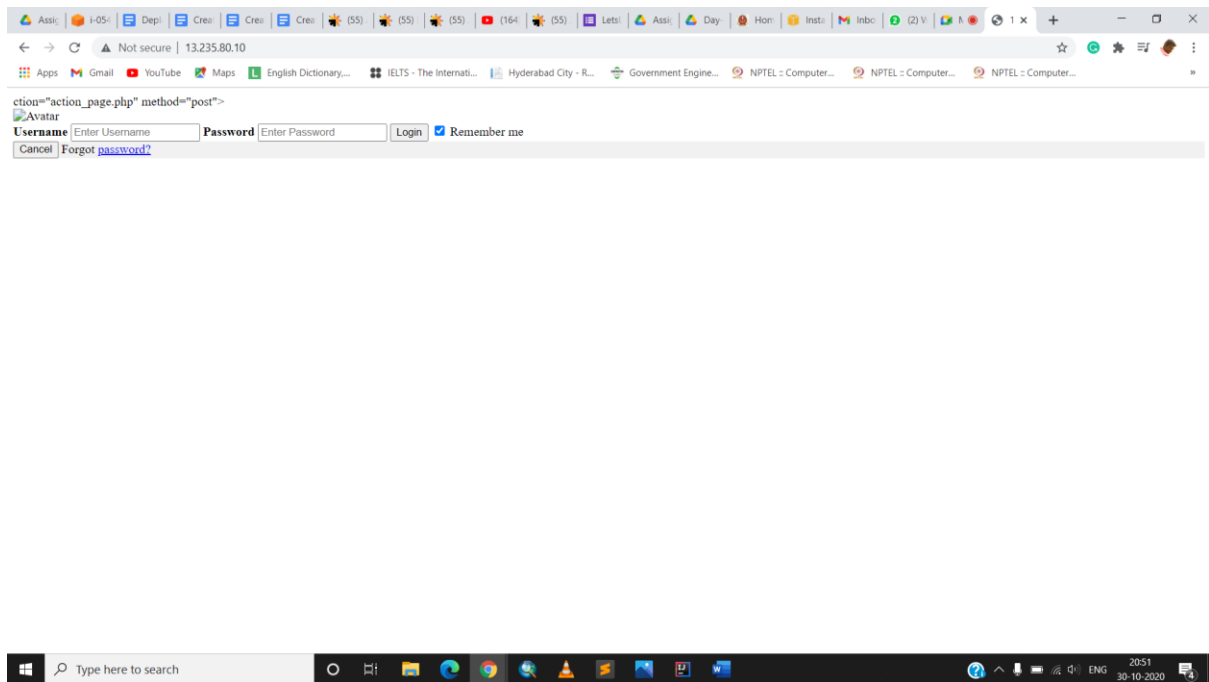
The screenshot shows a terminal window with the following content:

```
<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>
[root@ip-172-31-3-23 html]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-3-23 html]# service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
   Active: active (running) since Fri 2020-10-30 15:09:28 UTC; 18s ago
     Docs: man:httpd.service(8)
   Main PID: 4060 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0; Requests/sec: 0; Bytes served/sec: 0 B/sec"
   CGroup: /system.slice/httpd.service
           └─4060 /usr/sbin/httpd -DFOREGROUND
             └─4061 /usr/sbin/httpd -DFOREGROUND
               └─4062 /usr/sbin/httpd -DFOREGROUND
                 └─4063 /usr/sbin/httpd -DFOREGROUND
                   └─4064 /usr/sbin/httpd -DFOREGROUND
                     └─4065 /usr/sbin/httpd -DFOREGROUND

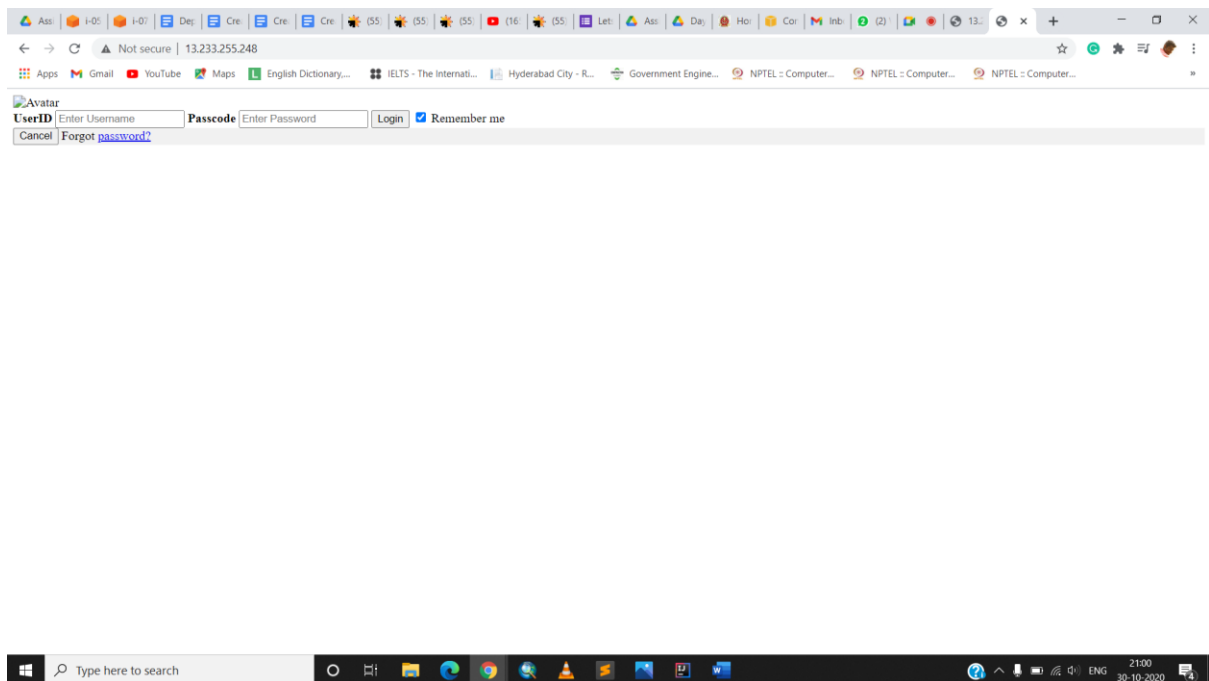
Oct 30 15:09:28 ip-172-31-3-23.ap-south-1.compute.internal systemd[1]: Starting The Apache HTTP Server...
Oct 30 15:09:28 ip-172-31-3-23.ap-south-1.compute.internal systemd[1]: Started The Apache HTTP Server.
[root@ip-172-31-3-23 html]#
```

Below the terminal output, the instance ID 'i-054f593736b279b70 (demo1)' is displayed, along with its public and private IP addresses: 'Public IPs: 13.235.80.10 Private IPs: 172.31.3.23'. A 'meet.google.com' sharing link is also visible at the bottom of the terminal window.

ss5:username password page



ss6:userid passkey



ss7:Load balancer screenshot

The screenshot shows the AWS Management Console interface. On the left, the navigation menu is visible with categories like AMIs, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The 'Load Balancing' section is selected, and the 'demoLB' load balancer is highlighted in the list. The main panel displays the 'demoLB' details under the 'Basic Configuration' tab. The configuration includes:

- Name:** demoLB
- ARN:** arn:aws:elasticloadbalancing:ap-south-1:386170728495:loadbalancer/app/demoLB/42083eb1034a77cc
- DNS name:** demoLB-1042072803.ap-south-1.elb.amazonaws.com (A Record)
- State:** provisioning
- Type:** application
- Scheme:** internet-facing
- IP address type:** ipv4

The bottom of the console shows the Windows taskbar with the search bar and various application icons.

ss8:reply from server1

The screenshot shows a web browser window displaying a login page. The address bar shows the URL: `demolb-1042072803.ap-south-1.elb.amazonaws.com`. The page content includes a login form with the following elements:

- Username:** A text input field with the placeholder text "Enter Username".
- Password:** A text input field with the placeholder text "Enter Password".
- Login:** A button to submit the login form.
- Remember me:** A checkbox labeled "Remember me".
- Forgot password?** A link to reset the password.

The bottom of the browser window shows the Windows taskbar with the search bar and various application icons.

ss9:reply from server2

