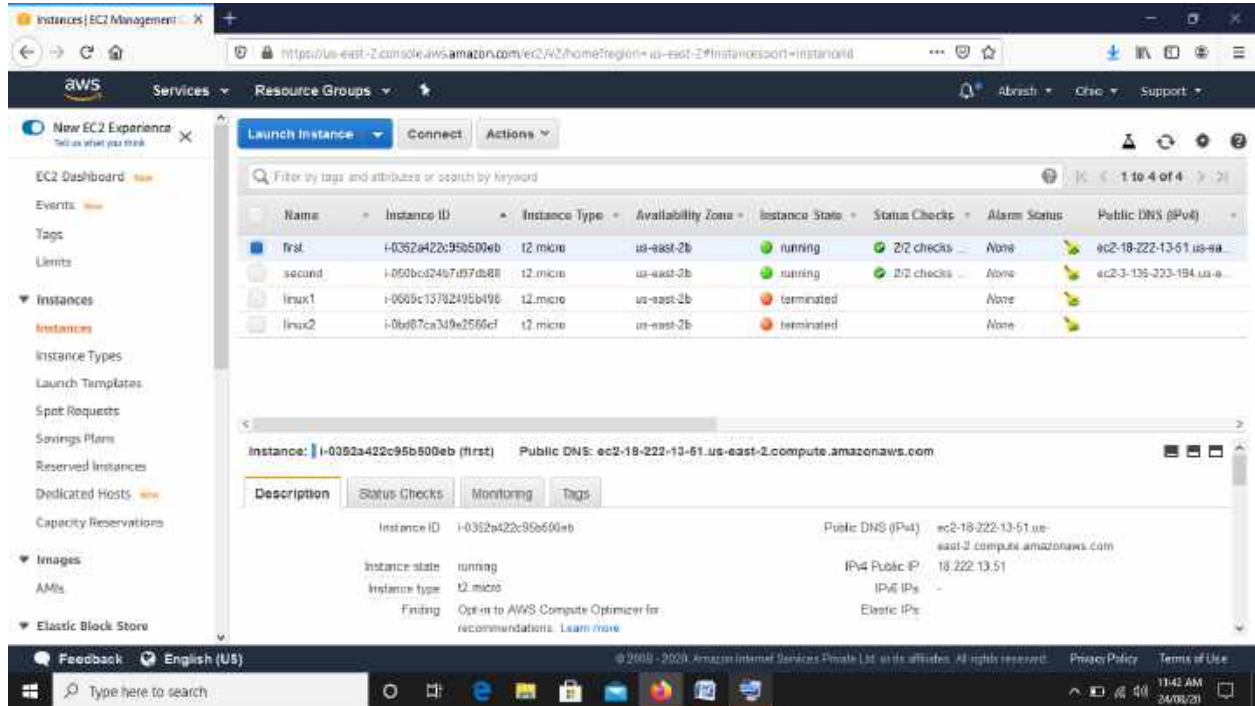


# PROJECT-3

**STEP 1:** Create two linux instances, Use the first free linux AMI.



The screenshot displays the AWS Management Console's EC2 Management page. 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, Capacity Reservations, Images, AMIs, and Elastic Block Store. The main content area shows a table of EC2 instances with columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, and Public DNS (IPv4). Below the table, the details for the instance named 'first' (Instance ID: i-0352a422c95b500eb) are shown, including its running state, t2.micro instance type, and public DNS information.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
first	i-0352a422c95b500eb	t2.micro	us-east-2b	running	2/2 checks	None	ec2-18-222-13-51.us-east-2.compute.amazonaws.com
second	i-050bcd2467d97d58f	t2.micro	us-east-2b	running	2/2 checks	None	ec2-3-135-333-194.us-east-2.compute.amazonaws.com
linux1	i-0669c13782495b496	t2.micro	us-east-2b	terminated		None	
linux2	i-0b487ca349e2566cf	t2.micro	us-east-2b	terminated		None	

Instance: **i-0352a422c95b500eb (first)** Public DNS: **ec2-18-222-13-51.us-east-2.compute.amazonaws.com**

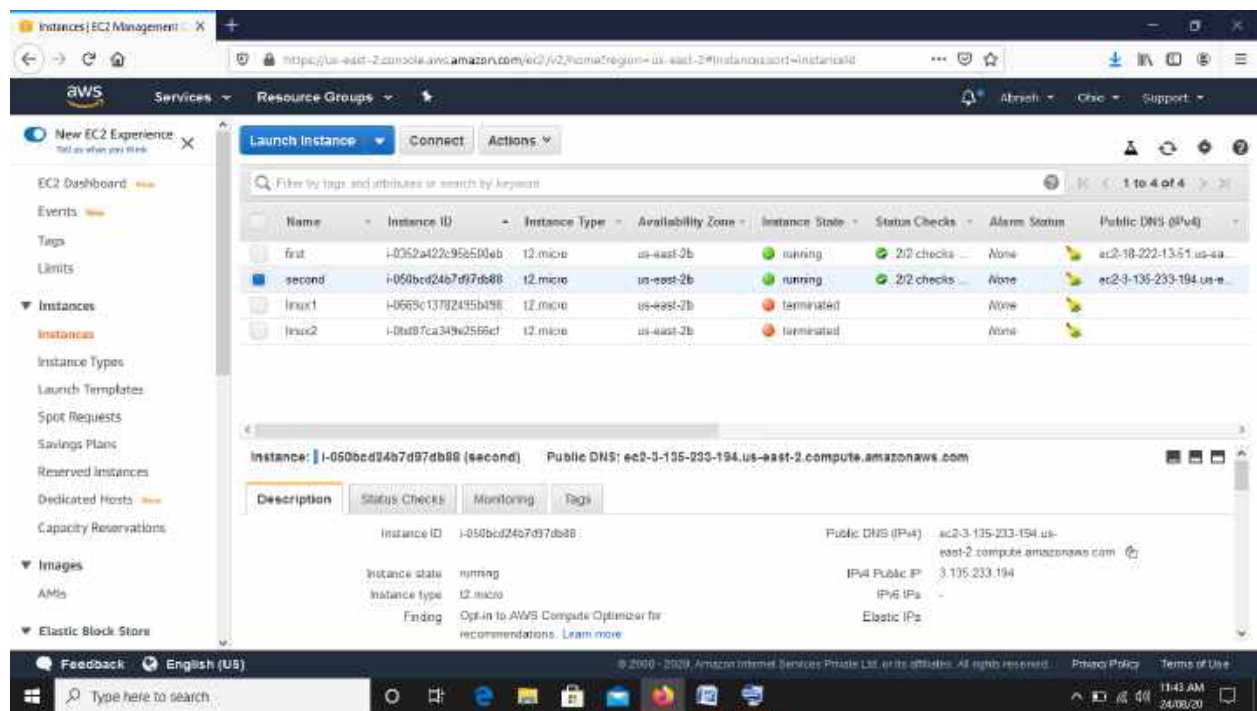
**Description** | Status Checks | Monitoring | Tags

Instance ID: i-0352a422c95b500eb Public DNS (IPv4): ec2-18-222-13-51.us-east-2.compute.amazonaws.com

Instance state: running IP4 Public IP: 18.222.13.51

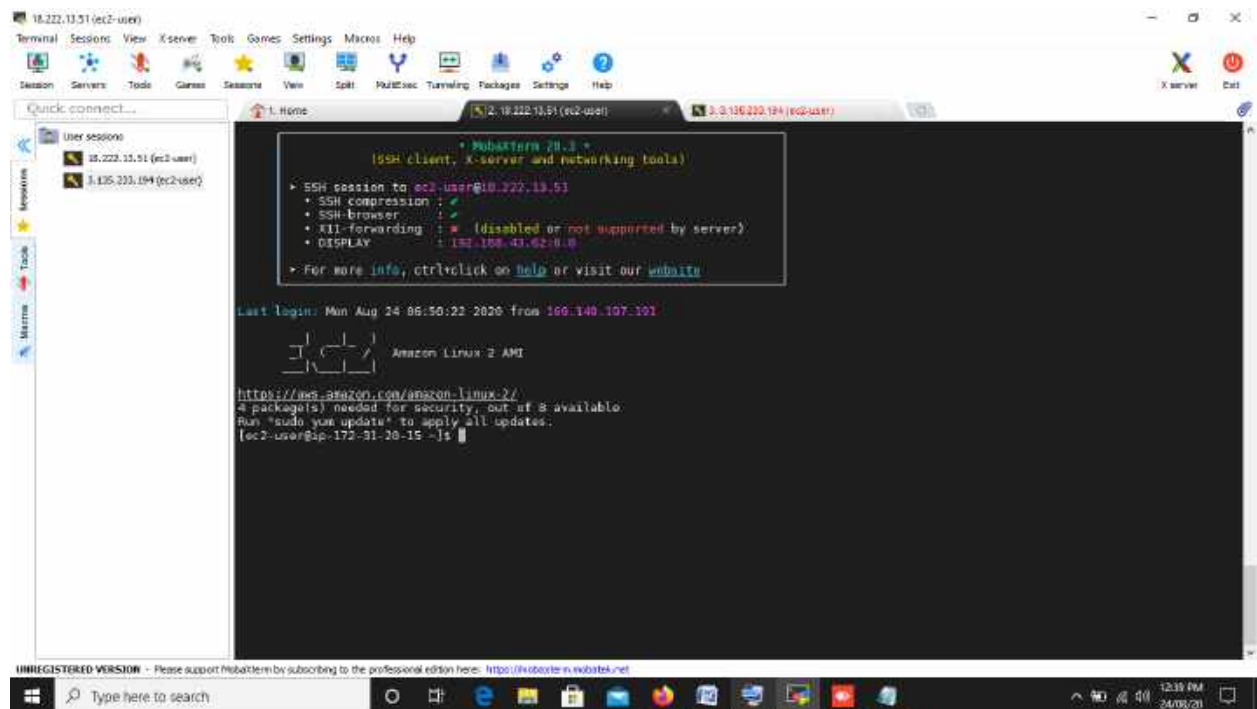
Instance type: t2.micro IP4 Public IP: -

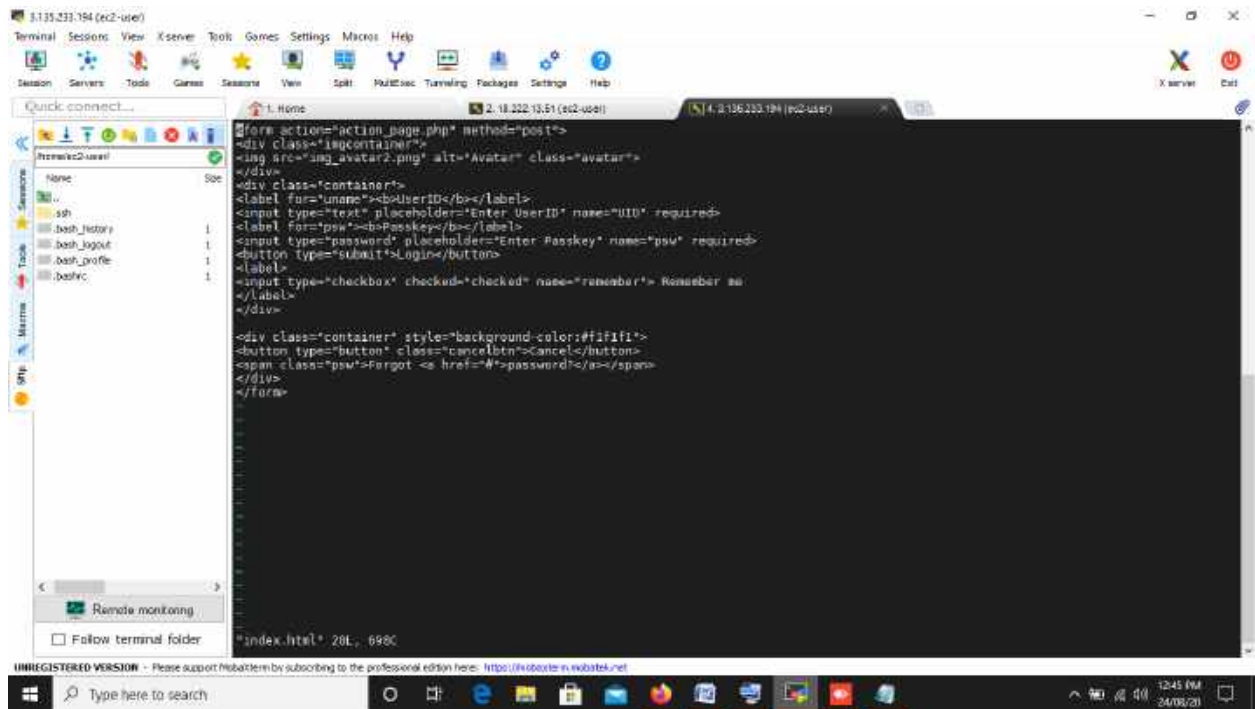
Finding: Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#) Elastic IPs: -



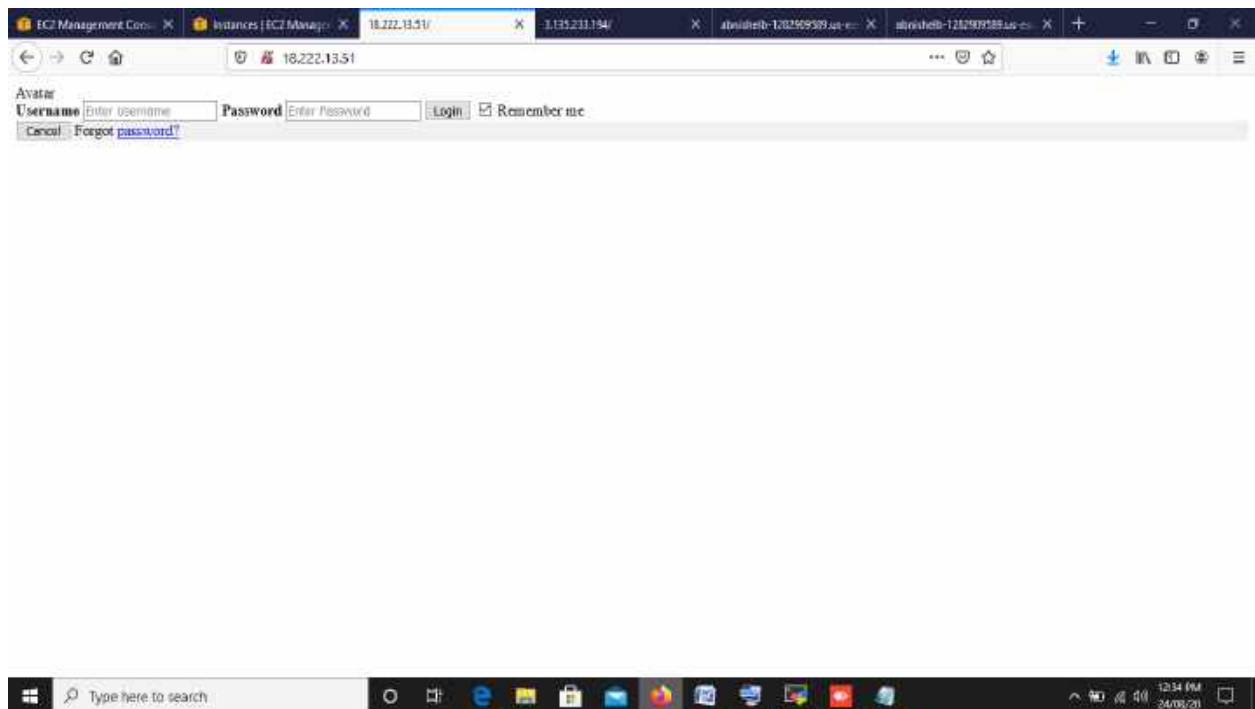
**STEP2** :Launch both instances using Mobaxterm.

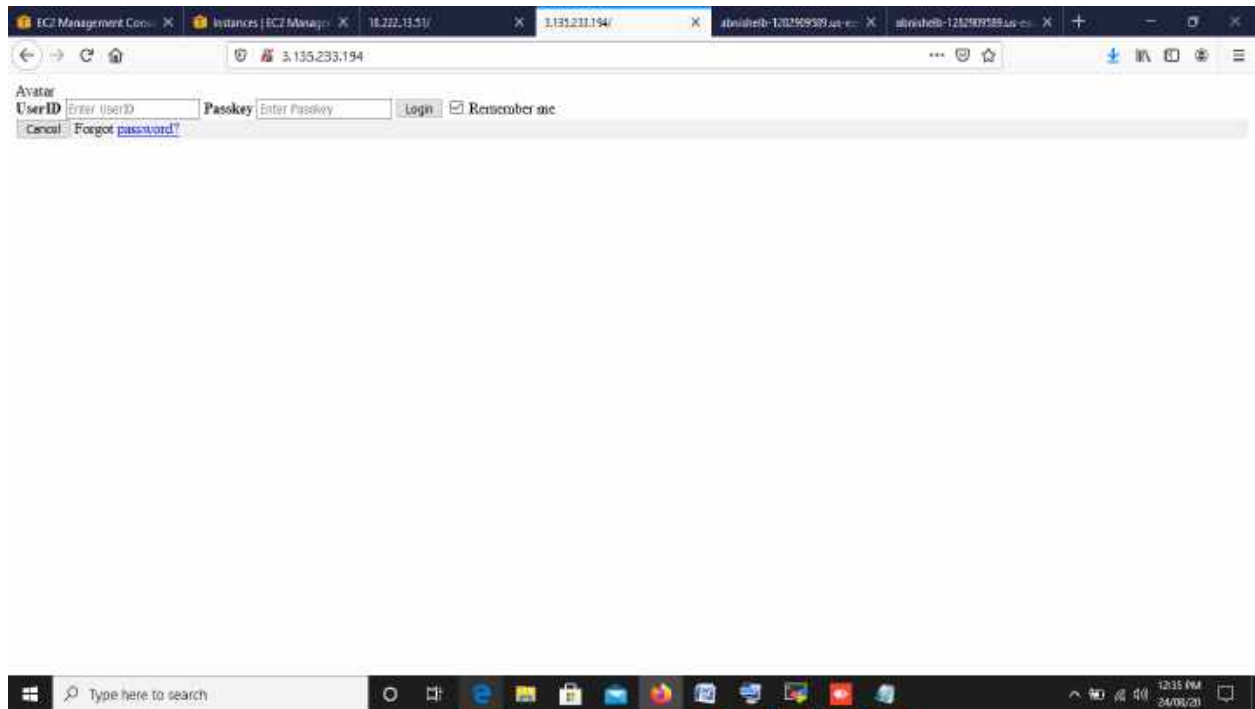
**STEP 3:** Host html login webpage on both servers.



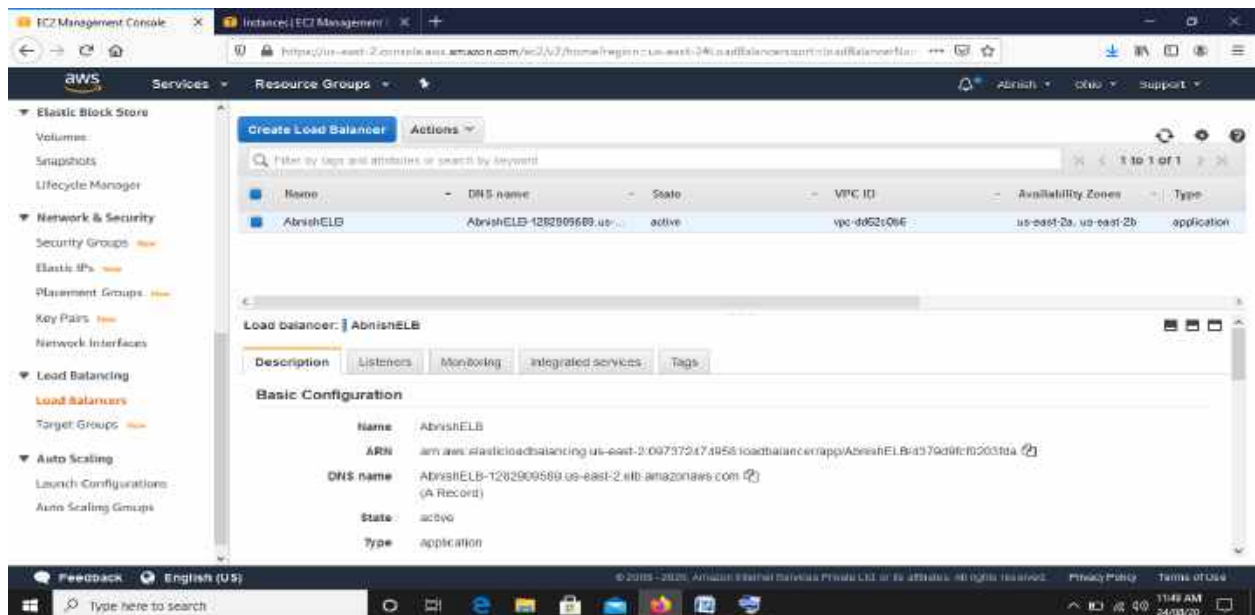


**STEP4 :** Check if the application is deployed on both servers by pasting the public IP in the browser.





**STEP 5:** Create an application Load Balancer with the above two instances as target.



## STEP 6: Check the functioning o ELB.

