

Assignment/Project Day 4

NAME: RISHAB GUGGALI

EMAIL: rguggali@yahoo.com

Create two Linux instances, Use the first free Linux AMI

The screenshot shows the AWS Management Console for the 'us-east-2' region. The 'Instances' page displays a table of EC2 instances. The table has columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, Public DNS (IPv4), IPv4 Public IP, and IPv6 Public IP. The instances listed are:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 Public IP
Linux1	i-0d6b16d6ecae412f1	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-191-224-200.us-east-2.compute.amazonaws.com	18.191.224.200	-
Linux2	i-0f3298cbe1df0b60e	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-17-27-235.us-east-2.compute.amazonaws.com	3.17.27.235	-
	i-03f7529ce05525faf	t2.micro	us-east-2b	terminated		None			
	i-068f2143ef9a49885	t2.micro	us-east-2b	terminated		None			

The details for the selected instance 'Linux1' (i-0d6b16d6ecae412f1) are shown below the table:

- Instance ID: i-0d6b16d6ecae412f1
- Public DNS (IPv4): ec2-18-191-224-200.us-east-2.compute.amazonaws.com
- Instance state: running
- Instance type: t2.micro
- IPv4 Public IP: 18.191.224.200
- IPv6 Public IP: -
- Elastic IPs: -

The screenshot shows the AWS Management Console for the 'us-east-2' region. The 'Instances' page displays a table of EC2 instances. The table has columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, Public DNS (IPv4), IPv4 Public IP, and IPv6 Public IP. The instances listed are:

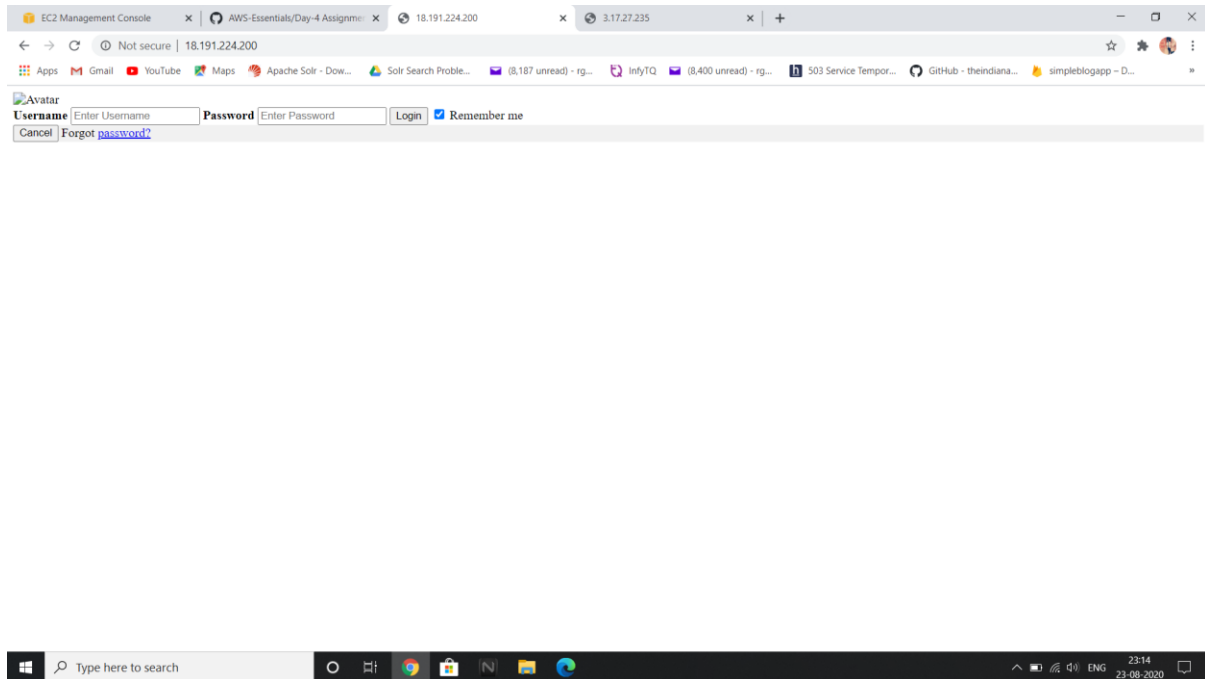
Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 Public IP
Linux1	i-0d6b16d6ecae412f1	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-191-224-200.us-east-2.compute.amazonaws.com	18.191.224.200	-
Linux2	i-0f3298cbe1df0b60e	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-17-27-235.us-east-2.compute.amazonaws.com	3.17.27.235	-
	i-03f7529ce05525faf	t2.micro	us-east-2b	terminated		None			
	i-068f2143ef9a49885	t2.micro	us-east-2b	terminated		None			

The details for the selected instance 'Linux2' (i-0f3298cbe1df0b60e) are shown below the table:

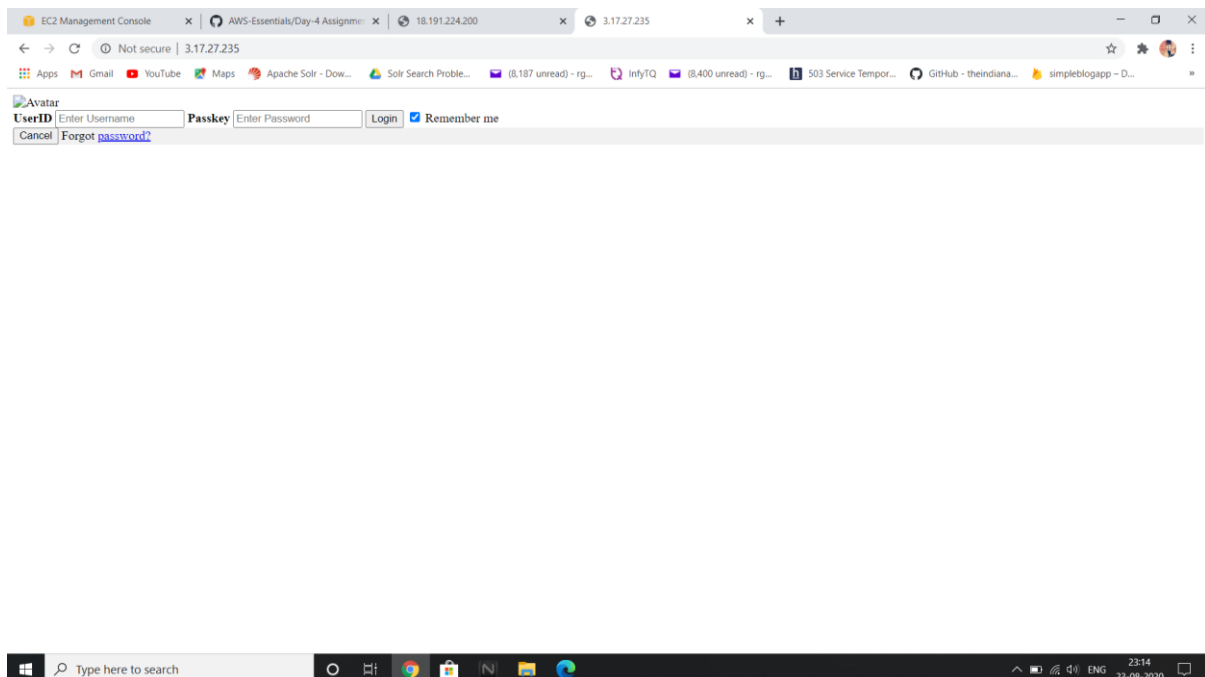
- Instance ID: i-0f3298cbe1df0b60e
- Public DNS (IPv4): ec2-3-17-27-235.us-east-2.compute.amazonaws.com
- Instance state: running
- Instance type: t2.micro
- IPv4 Public IP: 3.17.27.235
- IPv6 Public IP: -
- Elastic IPs: -

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

Linux1:



Linux2:



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

The screenshot shows the AWS Management Console interface for creating a new application load balancer. The 'Create Load Balancer' wizard is open, and the 'Basic Configuration' tab is selected. The configuration details are as follows:

Name	DNS name	State	VPC ID	Availability Zones	Type	Created /
Letsupgrade	Letsupgrade-1315579173 us...	active	vpc-a2f250c9	us-east-2c, us-east-2b	application	August 23

Below the table, the 'Basic Configuration' section shows the following details:

- Name: Letsupgrade
- ARN: arn:aws:elasticloadbalancing:us-east-2:296926277320:loadbalancer/app/Letsupgrade:0710c3e7fb074551
- DNS name: Letsupgrade-1315579173.us-east-2.elb.amazonaws.com (A Record)
- State: active
- Type: application

Check the functioning of ELB

The screenshot shows the AWS Management Console interface for the 'letsupgrade-1315579173.us-east-2.elb.amazonaws.com' endpoint. The page displays a login form with the following fields and options:

- Username: Enter Username
- Password: Enter Password
- Login button
- Remember me checkbox (checked)
- Cancel button
- Forgot password? link

Load Balancers | EC2 Management | AWS-Essentials/Day-4 Assignment | 18.191.224.200 | 3.17.27.235 | letsupgrade-1315579173.us-east-2.elb.amazonaws.com

Avatar

User ID Enter Username

Passkey Enter Password

☒ Remember me