

LetsUpgrade

AWS Essentials

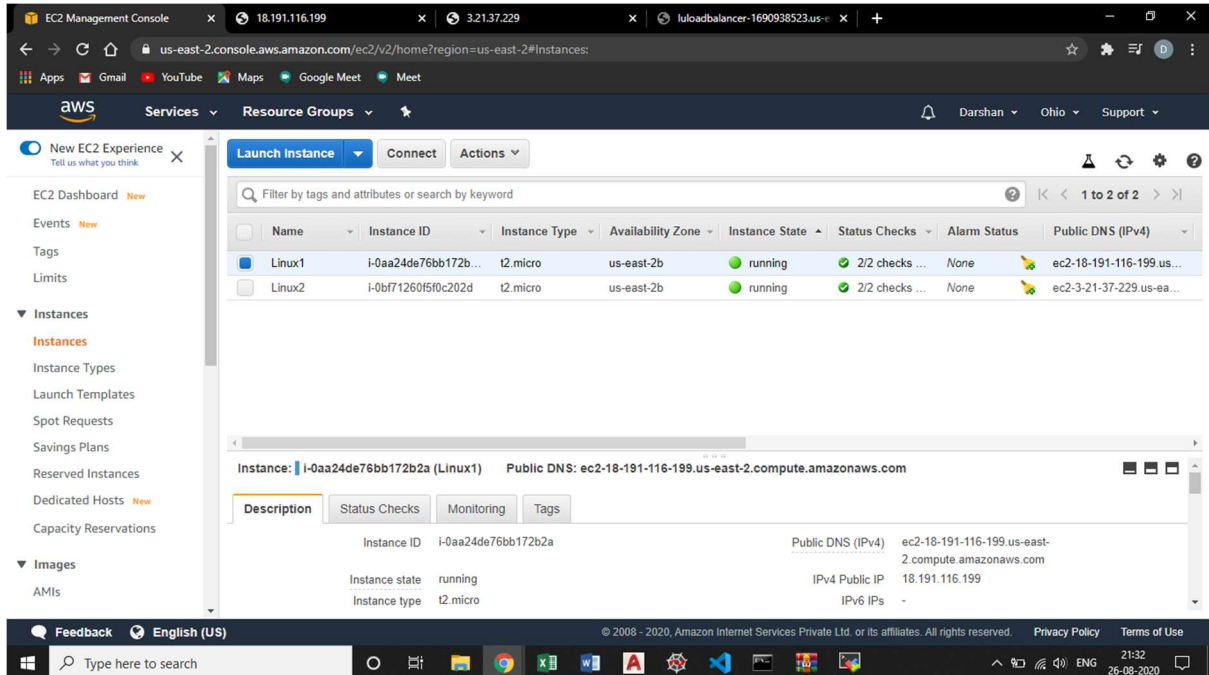
Day 4 Assignment

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1. Deploying 2 Linux instances :



The screenshot shows the AWS Management Console for the us-east-2 region. The left sidebar contains navigation options like EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, and AMIs. The main content area displays a table of EC2 instances. Two instances are listed: Linux1 (i-0aa24de76bb172b2a) and Linux2 (i-0bf71260f5f0c202d), both running t2.micro instances in the us-east-2b availability zone. The instance details for Linux1 are shown below the table, including its Public DNS (IPv4) address: ec2-18-191-116-199.us-east-2.compute.amazonaws.com.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux1	i-0aa24de76bb172b2a	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-191-116-199 us...
Linux2	i-0bf71260f5f0c202d	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-21-37-229 us-ea...

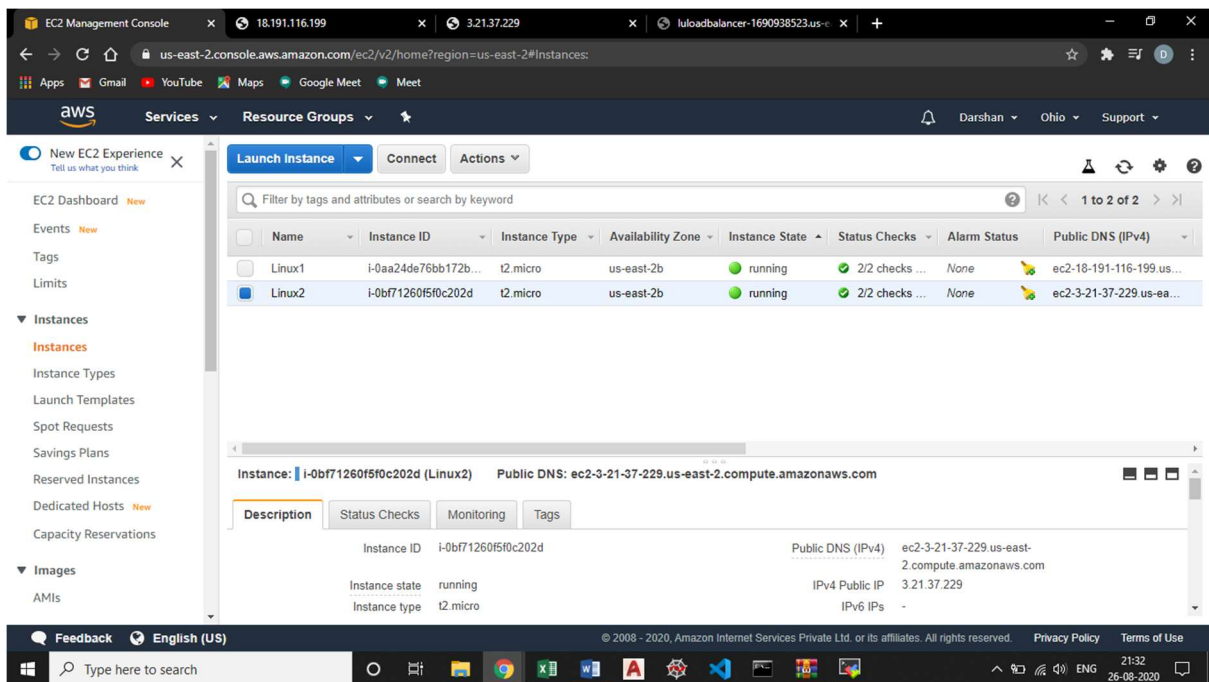
Instance: i-0aa24de76bb172b2a (Linux1) Public DNS: ec2-18-191-116-199.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID i-0aa24de76bb172b2a Public DNS (IPv4) ec2-18-191-116-199.us-east-2.compute.amazonaws.com

Instance state running IPv4 Public IP 18.191.116.199

Instance type t2.micro IPv6 IPs -



The screenshot shows the AWS Management Console for the us-east-2 region. The left sidebar contains navigation options like EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, and AMIs. The main content area displays a table of EC2 instances. Two instances are listed: Linux1 (i-0aa24de76bb172b2a) and Linux2 (i-0bf71260f5f0c202d), both running t2.micro instances in the us-east-2b availability zone. The instance details for Linux2 are shown below the table, including its Public DNS (IPv4) address: ec2-3-21-37-229.us-east-2.compute.amazonaws.com.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux1	i-0aa24de76bb172b2a	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-191-116-199 us...
Linux2	i-0bf71260f5f0c202d	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-21-37-229 us-ea...

Instance: i-0bf71260f5f0c202d (Linux2) Public DNS: ec2-3-21-37-229.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID i-0bf71260f5f0c202d Public DNS (IPv4) ec2-3-21-37-229.us-east-2.compute.amazonaws.com

Instance state running IPv4 Public IP 3.21.37.229

Instance type t2.micro IPv6 IPs -

2. Creating Target groups :

The screenshot shows the AWS Management Console interface for configuring a Target Group. The left sidebar lists various services, with 'Load Balancing' and 'Target Groups' highlighted. The main content area displays the 'Target1' configuration page. The 'Basic configuration' section shows the following details:

Target type	Protocol : Port	VPC	Load balancer
instance	HTTP : 80	vpc-208b294b	LULoadBalancer

Below this, the 'Health check settings' section is visible, showing the protocol as 'HTTP' and the path as '/'. The 'Group details' tab is selected, and the 'Targets' tab is also visible. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 21:34 on 26-08-2020.

3. Creating Elastic Load Balancers :

The screenshot shows the AWS Management Console interface for creating an Elastic Load Balancer. The left sidebar lists various services, with 'Load Balancing' and 'Load Balancers' highlighted. The main content area displays the 'Create Load Balancer' page. The 'Create Load Balancer' button is visible at the top. Below it, a table lists the created load balancers:

Name	DNS name	State	VPC ID	Availability Zones	Type
LULoadBalancer	LULoadBalancer-1690938523...	active	vpc-208b294b	us-east-2b, us-east-2a	application

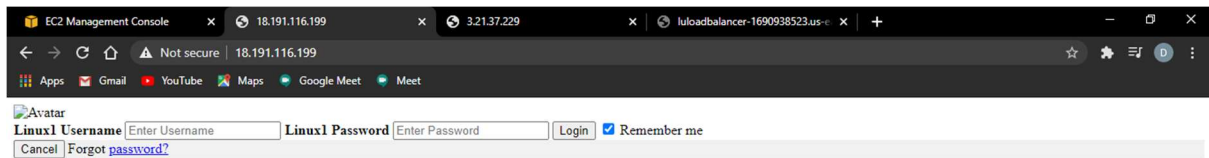
Below the table, the details for the selected load balancer are shown:

Property	Value
ARN	arn:aws:elasticloadbalancing:us-east-2:b7789/496439:loadbalancer/app/LULoadBalancer/3cb19abd/b884t6
DNS name	LULoadBalancer-1690938523.us-east-2.elb.amazonaws.com (A Record)
State	active
Type	application
Scheme	internet-facing

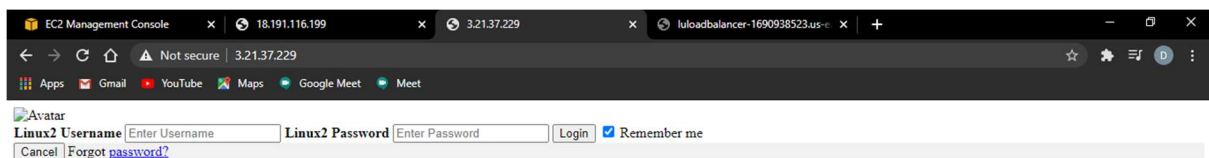
The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 21:33 on 26-08-2020.

3. Deploying Webpages :

- Webpage in Linux1



- Webpage in Linux2



4. Checking Load balancing using DNS of the created ELB :

