

## Assignment 2 | Day 4

### 1. Launching two Linux instances : Linux 1 and Linux 2

Public IP Linux 1: **52.201.178.78**

Public IP Linux 2: **54.164.67.195**

The screenshot shows the AWS Management Console for EC2 Instances. The table below lists the instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
linux1	i-01aa13c198cfdeb77	t2.micro	us-east-1e	running	Initializing	None	ec2-52-201-178-78.co...
linux2	i-06b5210f1ad365442	t2.micro	us-east-1e	running	Initializing	None	ec2-54-164-67-195.co...

The detailed view for instance **i-06b5210f1ad365442 (linux2)** is shown below:

**Instance:** i-06b5210f1ad365442 (linux2) **Public DNS:** ec2-54-164-67-195.compute-1.amazonaws.com

**Description:**

- Instance ID: i-06b5210f1ad365442
- Instance state: running
- Instance type: t2.micro
- Finding: Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)
- Private DNS: ip-172-31-54-255.ec2.internal
- Private IP: 172.31.54.255
- Public DNS (IPv4): ec2-54-164-67-195.compute-1.amazonaws.com
- IPv4 Public IP: 54.164.67.195
- IPv6 IPs: -
- Elastic IPs: -
- Availability zone: us-east-1e

The screenshot shows the AWS Management Console for EC2 Instances. The table below lists the instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
linux1	i-01aa13c198cfdeb77	t2.micro	us-east-1e	running	Initializing	None	ec2-52-201-178-78.co...
linux2	i-06b5210f1ad365442	t2.micro	us-east-1e	running	Initializing	None	ec2-54-164-67-195.co...

The detailed view for instance **i-01aa13c198cfdeb77 (linux1)** is shown below:

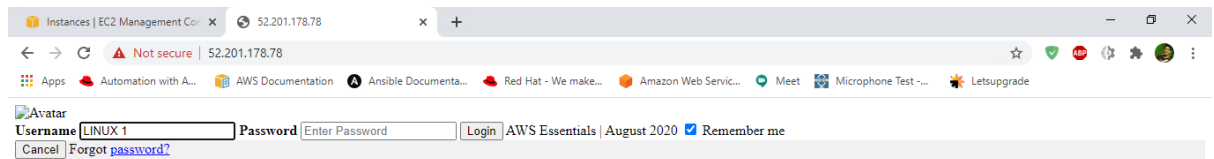
**Instance:** i-01aa13c198cfdeb77 (linux1) **Public DNS:** ec2-52-201-178-78.compute-1.amazonaws.com

**Description:**

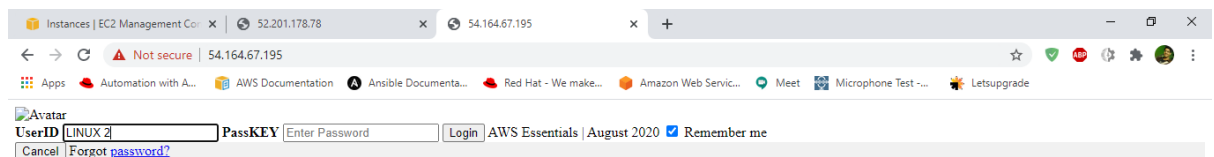
- Instance ID: i-01aa13c198cfdeb77
- Instance state: running
- Instance type: t2.micro
- Finding: Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)
- Private DNS: ip-172-31-58-154.ec2.internal
- Private IP: 172.31.58.154
- Public DNS (IPv4): ec2-52-201-178-78.compute-1.amazonaws.com
- IPv4 Public IP: 52.201.178.78
- IPv6 IPs: -
- Elastic IPs: -
- Availability zone: us-east-1e

## 2.HTML page for both Linux Instances

### Linux 1 webpage:



### Linux 2 webpage:



### 3. Application Load Balancer named LetsUpgrade:

The screenshot shows the AWS Management Console with the 'Create Load Balancer' page. The 'LetsUpgrade' load balancer is listed in the table below:

Name	DNS name	State	VPC ID	Availability
LetsUpgrade	LetsUpgrade-895388264.us-east-1.elb.amazonaws.com	active	vpc-2b6c6851	us-east-1e

The 'Basic Configuration' section shows the following details:

- Name:** LetsUpgrade
- ARN:** arn:aws:elasticloadbalancing:us-east-1:090525561133:loadbalancer/app/LetsUpgrade/fc8574e86fc37d1d
- DNS name:** LetsUpgrade-895388264.us-east-1.elb.amazonaws.com (A Record)
- State:** active
- Type:** application
- Scheme:** internet-facno

### 4. Target Group:

The screenshot shows the AWS Management Console with the 'Target Groups' page. The 'Basic configuration' section shows the following details:

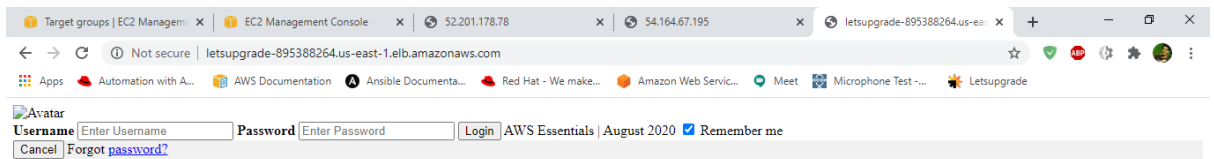
Target type	Protocol : Port	VPC	Load balancer
instance	HTTP : 80	vpc-2b6c6851	LetsUpgrade

The 'Registered targets (2)' section shows the following details:

Instance ID	Name	Port	Zone	Status	Status details
i-06b5210f1ad365442	linux2	80	us-east-1e	healthy	
i-01aa13c198cfdeb77	linux1	80	us-east-1e	healthy	

## 4. website balanced by load balancer

### Response from Linux 1



Target groups | EC2 Managem... x | EC2 Management Console x | 52.201.178.78 x | 54.164.67.195 x | letsupgrade-895388264.us-east-1.elb.amazonaws.com x

← → ↻ ⓘ Not secure | letsupgrade-895388264.us-east-1.elb.amazonaws.com ☆

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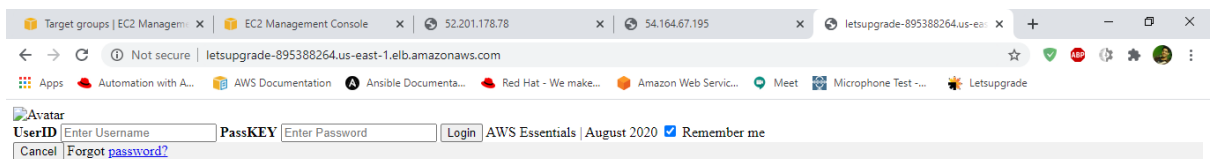
Avatar

Username  Password  Login AWS Essentials | August 2020 ☒ Remember me

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### Response from Linux 2



Target groups | EC2 Managem... x | EC2 Management Console x | 52.201.178.78 x | 54.164.67.195 x | letsupgrade-895388264.us-east-1.elb.amazonaws.com x

← → ↻ ⓘ Not secure | letsupgrade-895388264.us-east-1.elb.amazonaws.com ☆

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