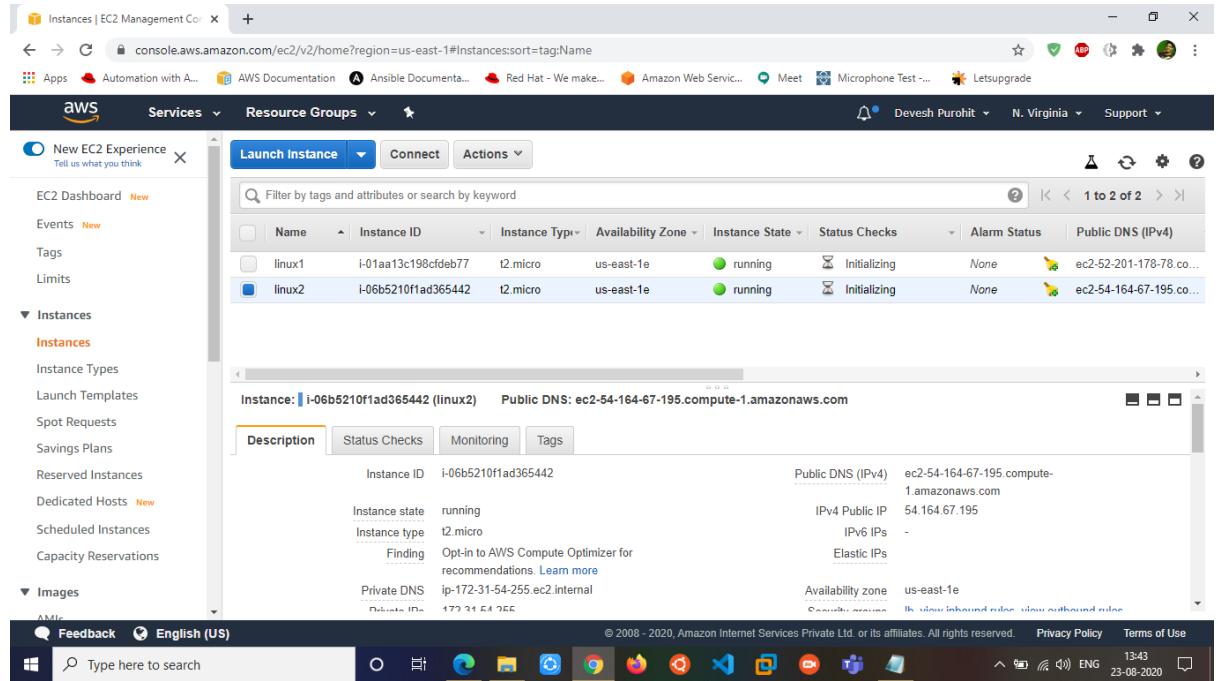


Assignment 2 | Day 4

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**

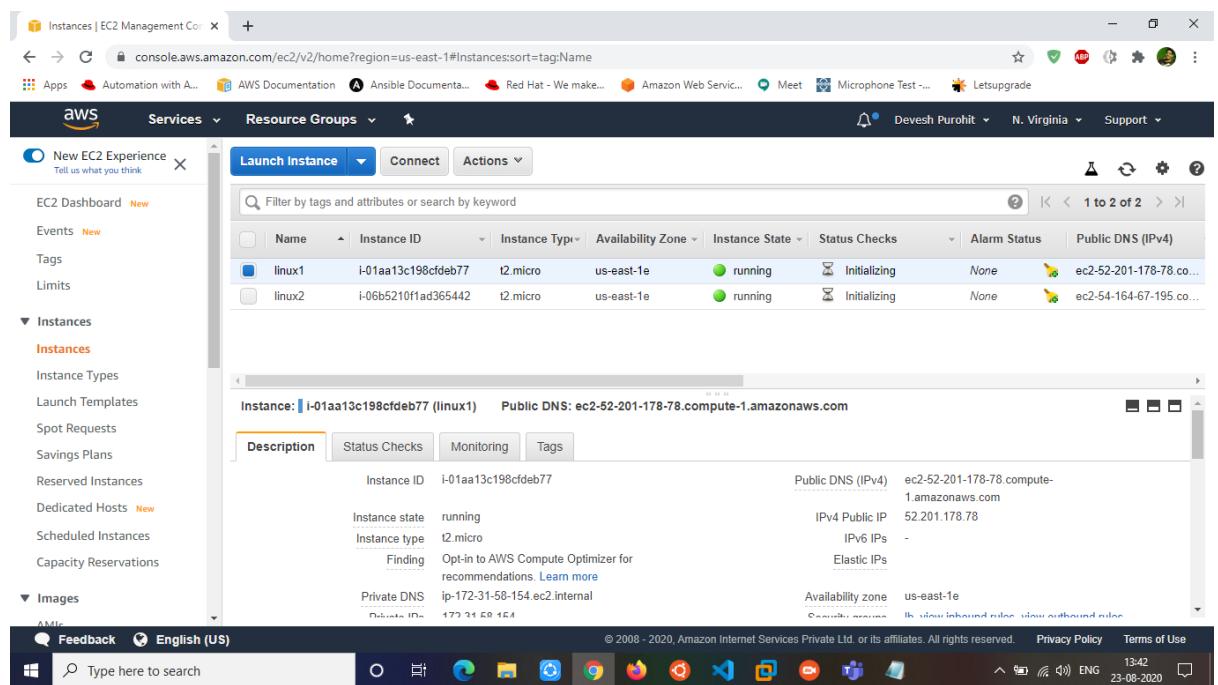


The screenshot shows the AWS EC2 Management Console interface. On the left, there's a navigation sidebar with options like New EC2 Experience, EC2 Dashboard, Events, Tags, Limits, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, and Images. The main content area displays a table of instances. The table has columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, and Public DNS (IPv4). There are two entries:

| 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... |

Below the table, a detailed view for instance i-06b5210f1ad365442 (linux2) is shown. It includes tabs for Description, Status Checks, Monitoring, and Tags. The Description tab shows the following details:

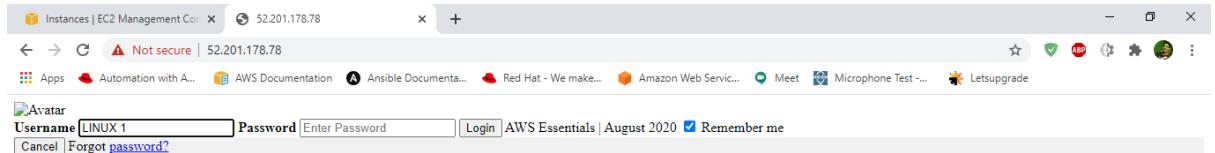
| Attribute | Value |
|-------------------|---------------------------------------------------------------------------------|
| Instance ID | i-06b5210f1ad365442 |
| Public DNS (IPv4) | ec2-54-164-67-195.compute-1.amazonaws.com |
| Instance state | running |
| IPv4 Public IP | 54.164.67.195 |
| Instance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



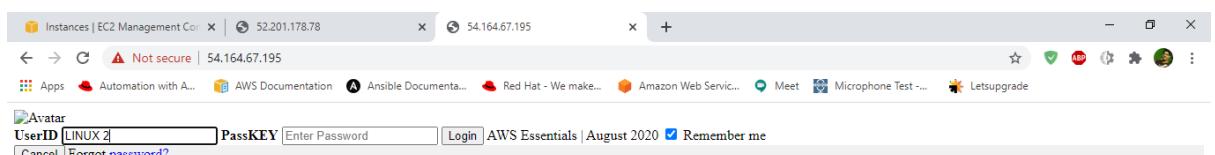
This screenshot is identical to the one above, showing the AWS EC2 Management Console with two running Linux instances: linux1 and linux2. The main table and the detailed view for instance i-01aa13c198cfdeb77 (linux1) are the same as in the first screenshot.

2.HTML page for both Linux Instances

Linux 1 webpage:



Linux 2 webpage:



3. Application Load Balancer named LetsUpgrade:

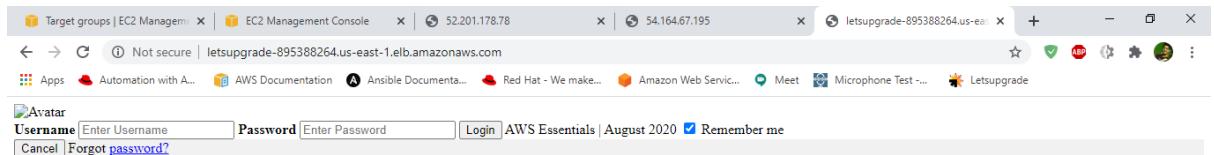
The screenshot shows the AWS EC2 Management Console with the 'Create Load Balancer' wizard open. The 'Basic Configuration' section is displayed, showing the load balancer name 'LetsUpgrade', ARN, DNS name 'LetsUpgrade-895388264.us-east-1.elb.amazonaws.com', state 'active', type 'application', and scheme 'internet-facing'. The 'Listeners' tab is selected, showing a single listener rule for port 80. The 'Monitoring' and 'Integrated services' tabs are also visible.

4. Target Group:

The screenshot shows the AWS EC2 Management Console with the 'Targets' tab selected in the 'Basic configuration' section of a target group. The target group is configured with a target type 'instance', protocol 'HTTP : 80', VPC 'vpc-2b6c6851', and load balancer 'LetsUpgrade'. The 'Targets' tab is active, showing two registered targets: 'linux2' and 'linux1', both in a healthy state. The 'Group details' tab is also visible.

4. website balanced by load balancer

Response from Linux 1



Response from Linux 2

