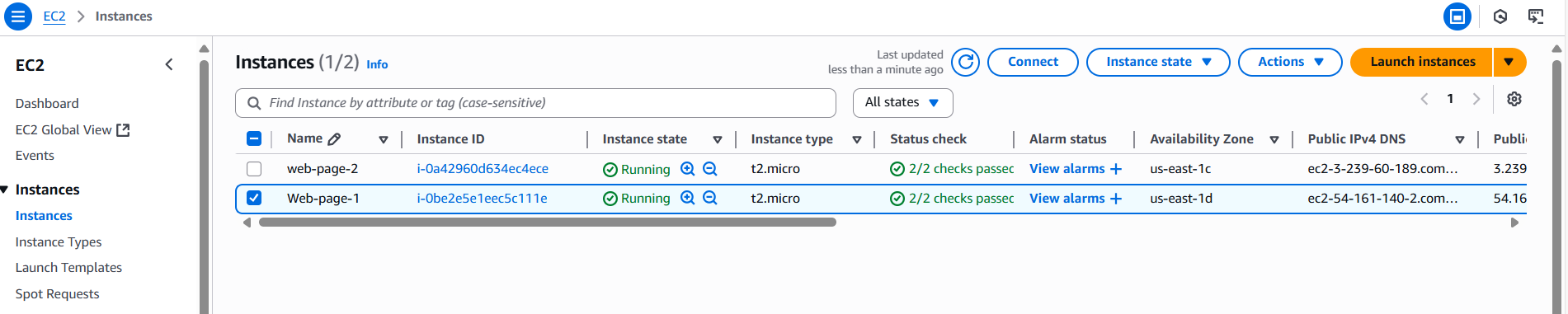
Name : Saurabh Jadhav

Topic : Creating Load Balancer for web server.

Assignment no. : 11

1. Create two EC2 instances in different AZ.



1. Make “web-page-1” server ready as web server.

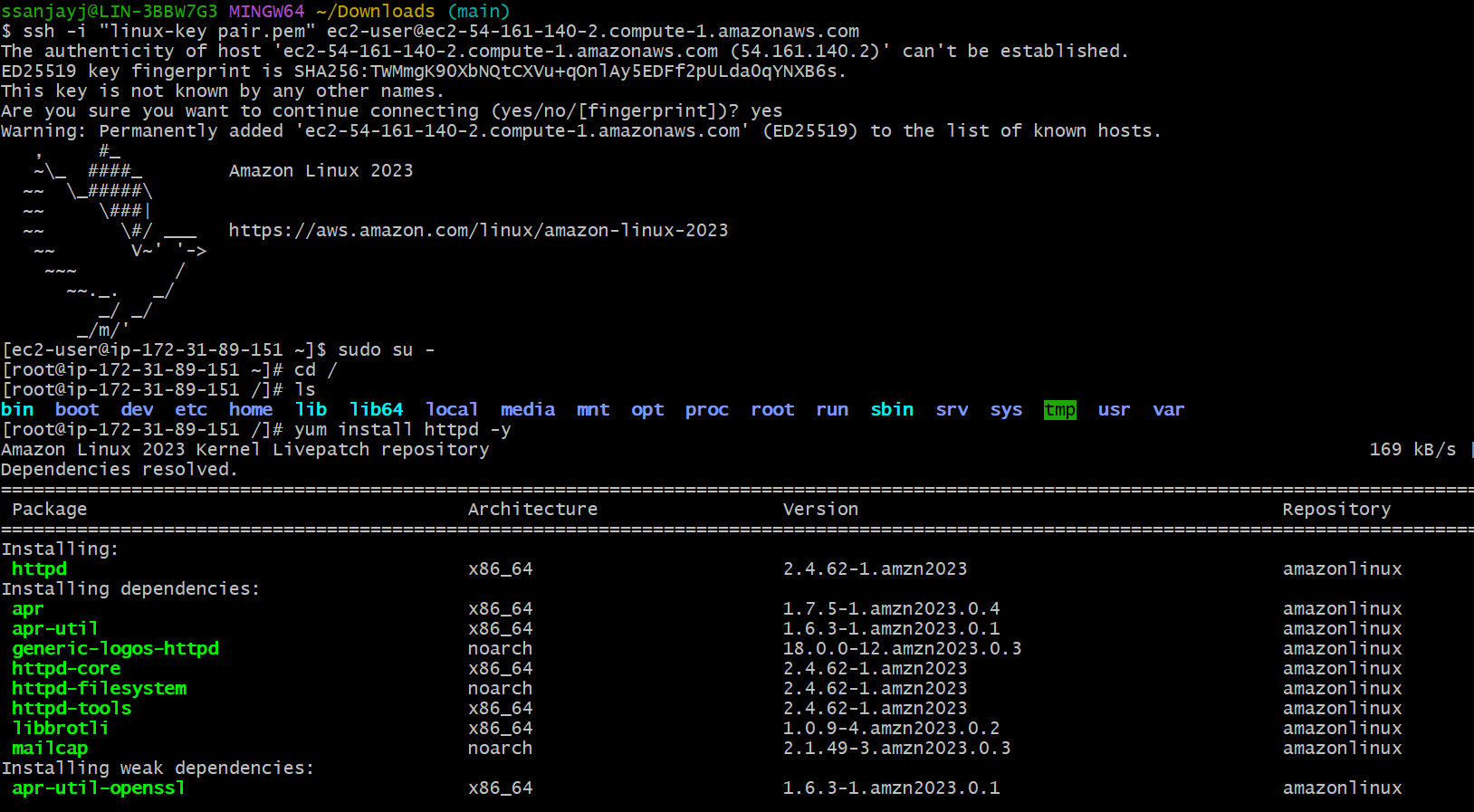
Yum install httpd -y

Systemctl start httpd

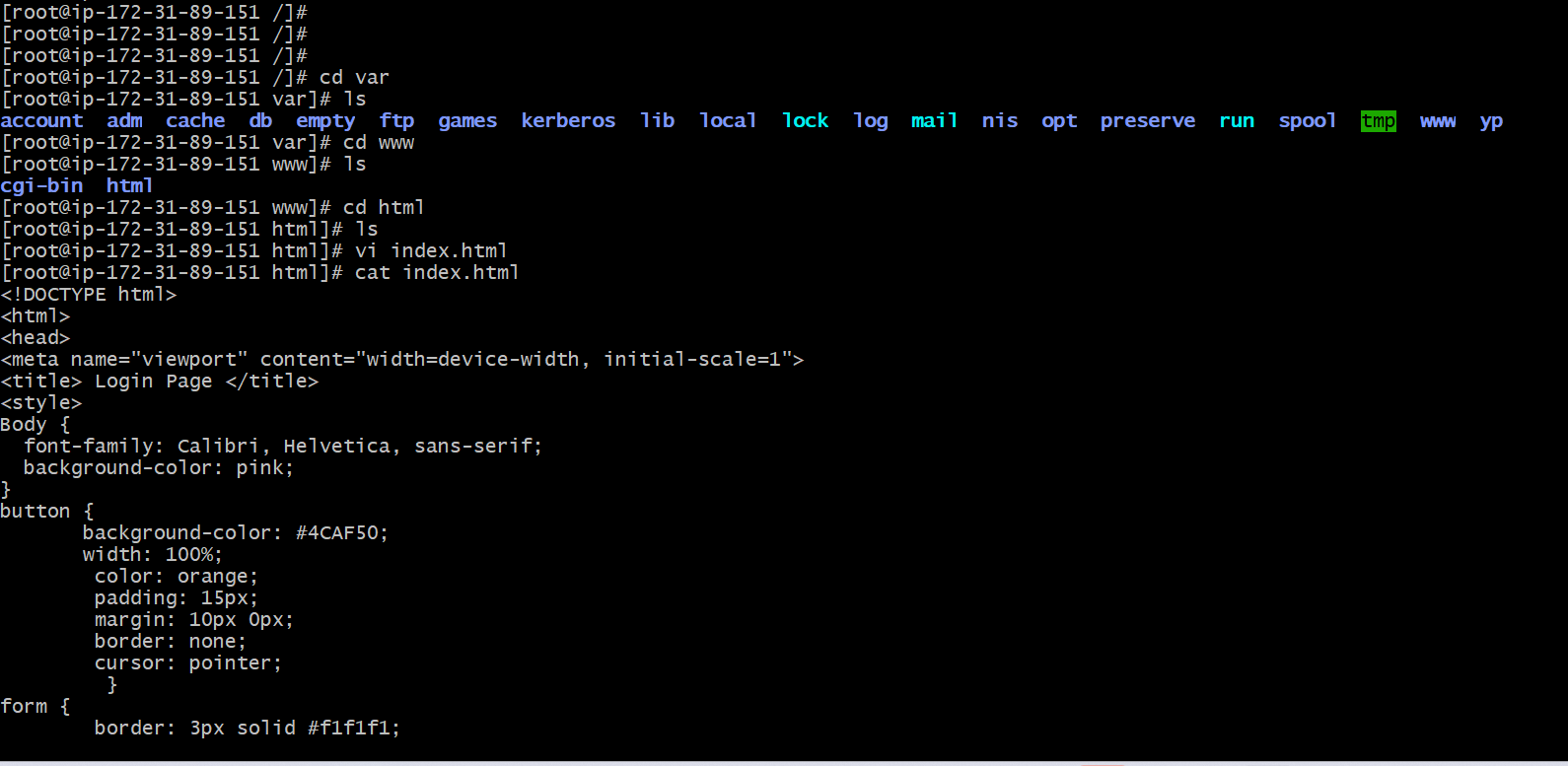
Systemctl enable httpd

Systemctl status httpd

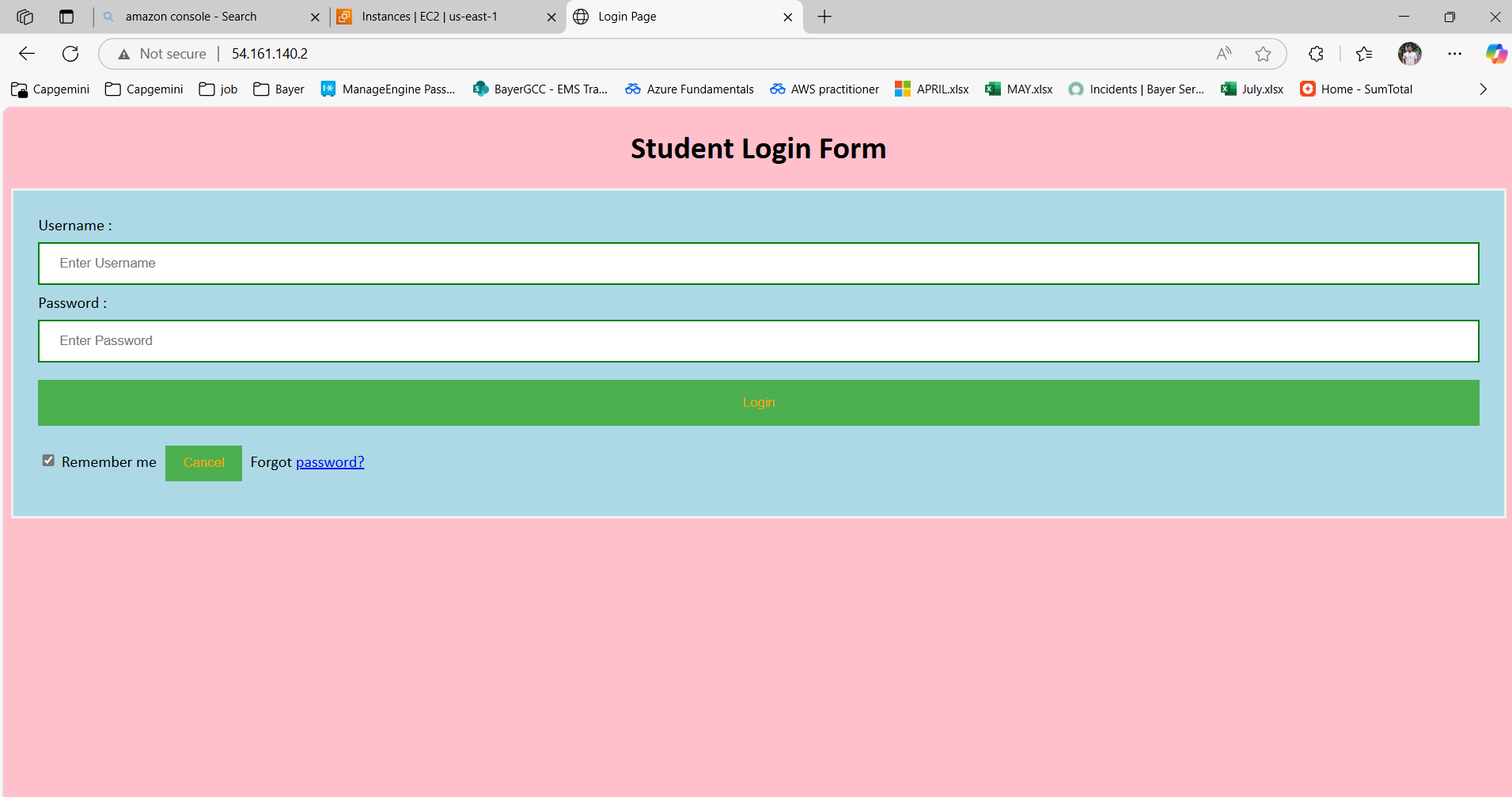
1. Install apache package and start the service



1. Create index.html file in /var/www/html



1. Access the web page using public ip of EC2 instance.

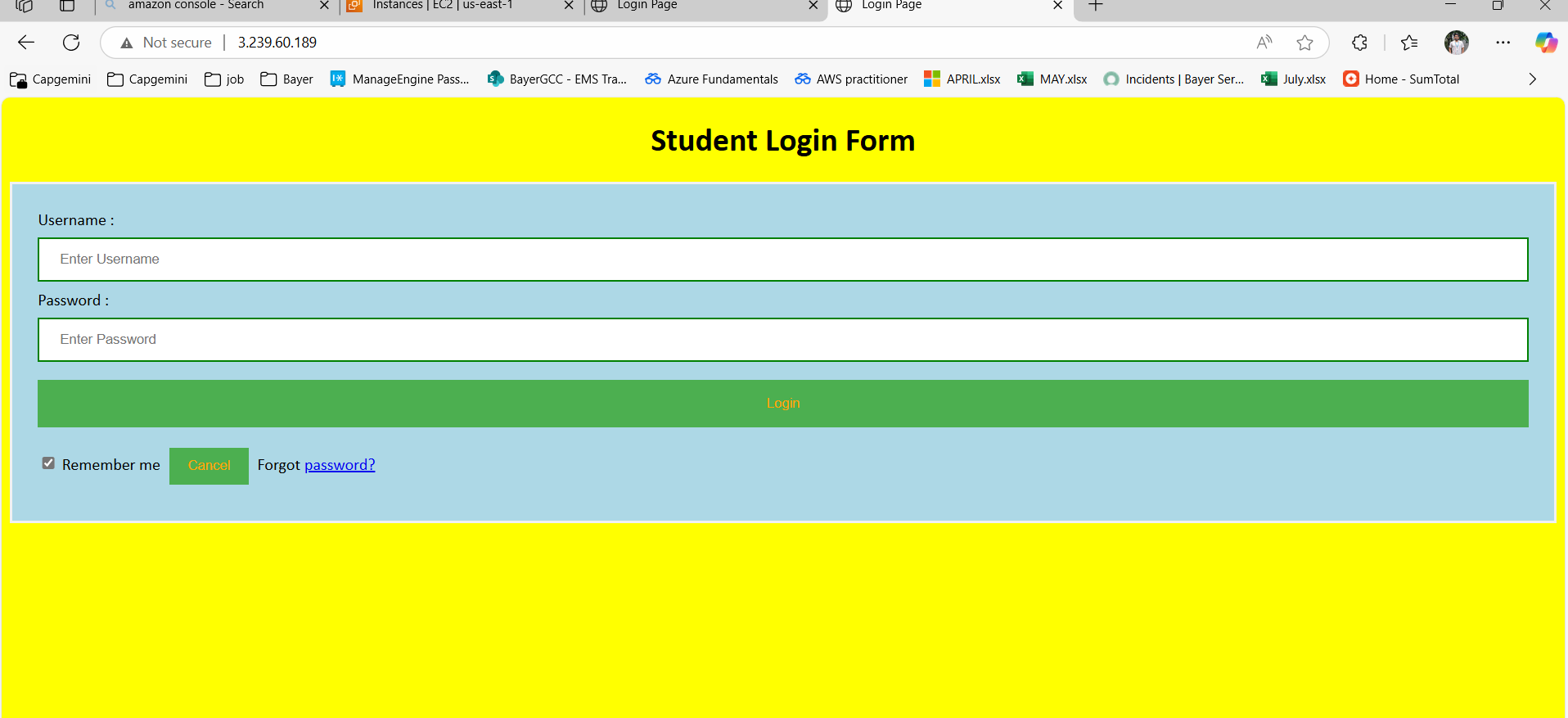


1. Similarly make “web-page-2” ready as web server.
2. Install apache package and start the service.

A screenshot of a computer program

AI-generated content may be incorrect.

1. Create index.html and access it using public ip as EC2 instance.



1. Create target group for load balancer.
2. Basic configurations of group type.

A screenshot of a computer

AI-generated content may be incorrect.

1. Target group name as “web-lb” and keep other settings as default.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

1. Select the instances for the group and click on create target group

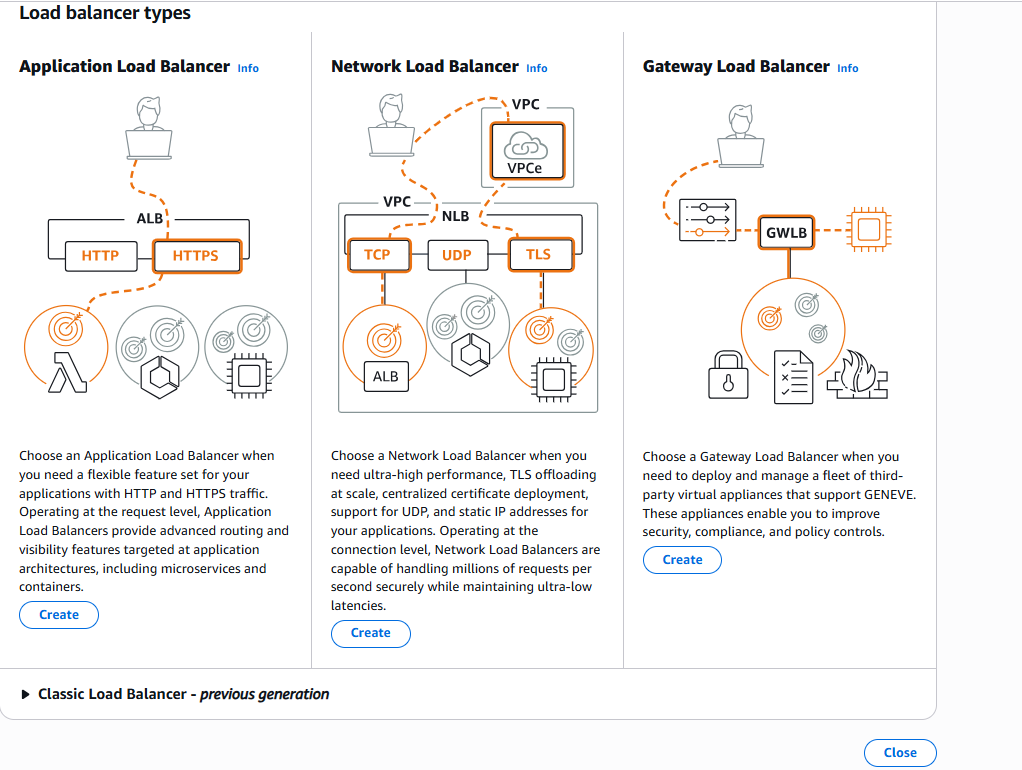
A screenshot of a computer

AI-generated content may be incorrect.

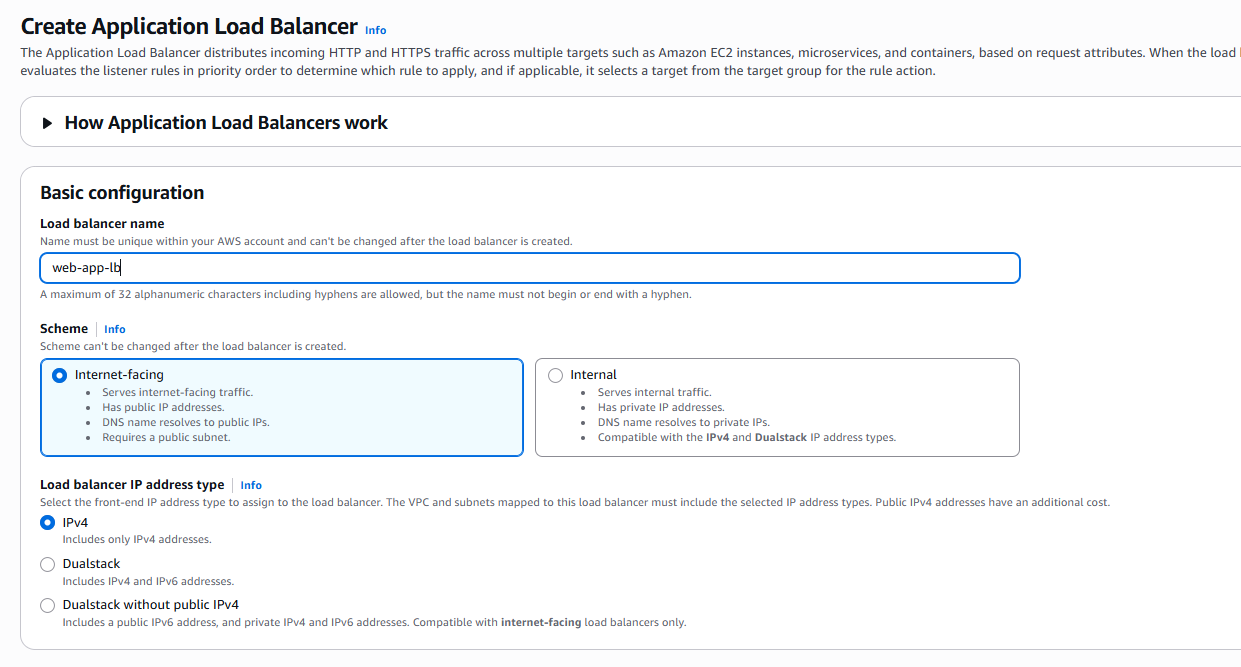
A screenshot of a computer

AI-generated content may be incorrect.

1. Create load balancer.
2. Select the load balancer type – Application load balancer.



1. Provide load balancer name “web-app-lb”

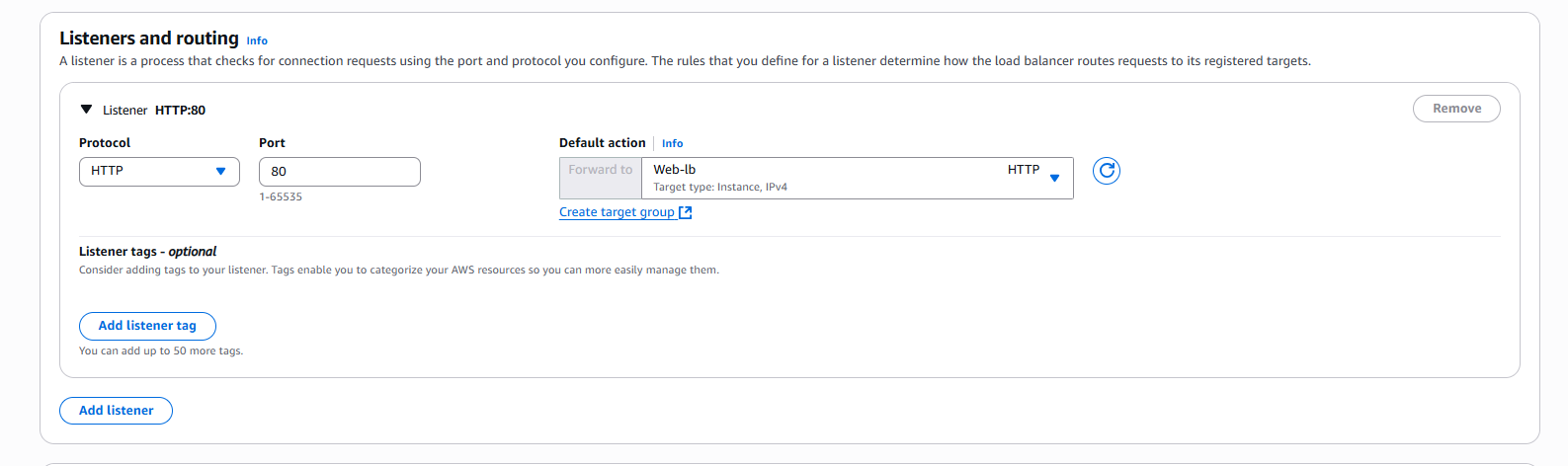


1. Select all the AZ for network mapping.

A close up of a page

AI-generated content may be incorrect.

1. Select the target group “web-lb” as listener.



1. Check the summary of load balancer.

A screenshot of a computer

AI-generated content may be incorrect.

1. Copy the dns link and refresh it continuously to check the performance of load balancer.

