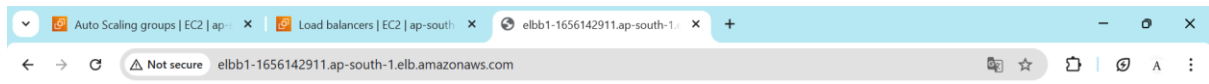


Apurva Kadam

Project

Resilient Web Server which can autoheal and expand itself

1)Test your domain URL should get page from 2 Different IP (servers)



****My auto web page is coming from****

Served from: ip-10-0-3-53.ap-south-1.compute.internal

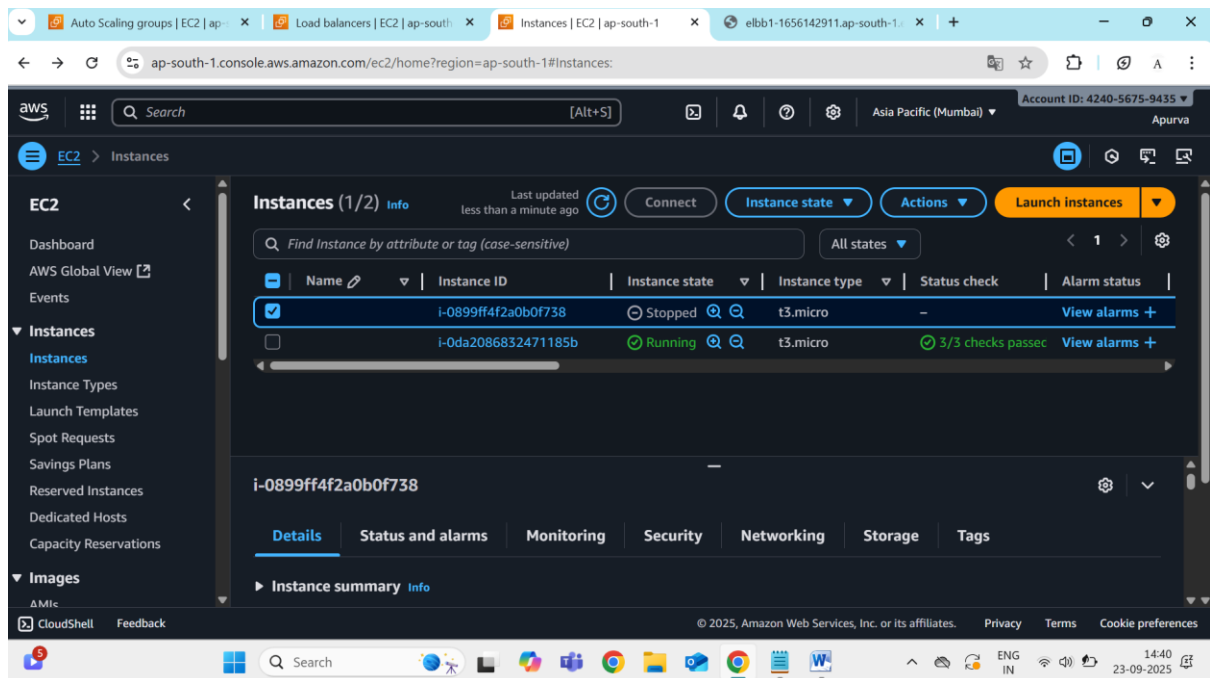


****My auto web page is coming from****

Served from: ip-10-0-2-144.ap-south-1.compute.internal



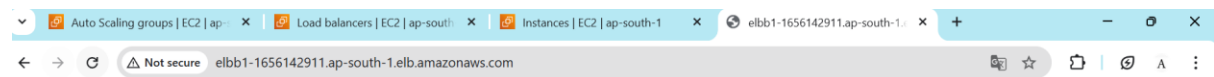
2) Now terminate 1 instance and check URL only coming from 1 IP (ec2 instance)



The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page is active, displaying a list of EC2 instances. The table shows two instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
	i-0899ff4f2a0b0f738	Stopped	t3.micro	-	View alarms +
	i-0da2086832471185b	Running	t3.micro	3/3 checks passed	View alarms +

The console also shows the details for the instance i-0899ff4f2a0b0f738, including its name, instance ID, instance type (t3.micro), and status check (3/3 checks passed).



The screenshot shows a web browser window with the URL 'elbb1-1656142911.ap-south-1.elb.amazonaws.com' in the address bar. The browser's status bar indicates 'Not secure' and 'ENG IN'.

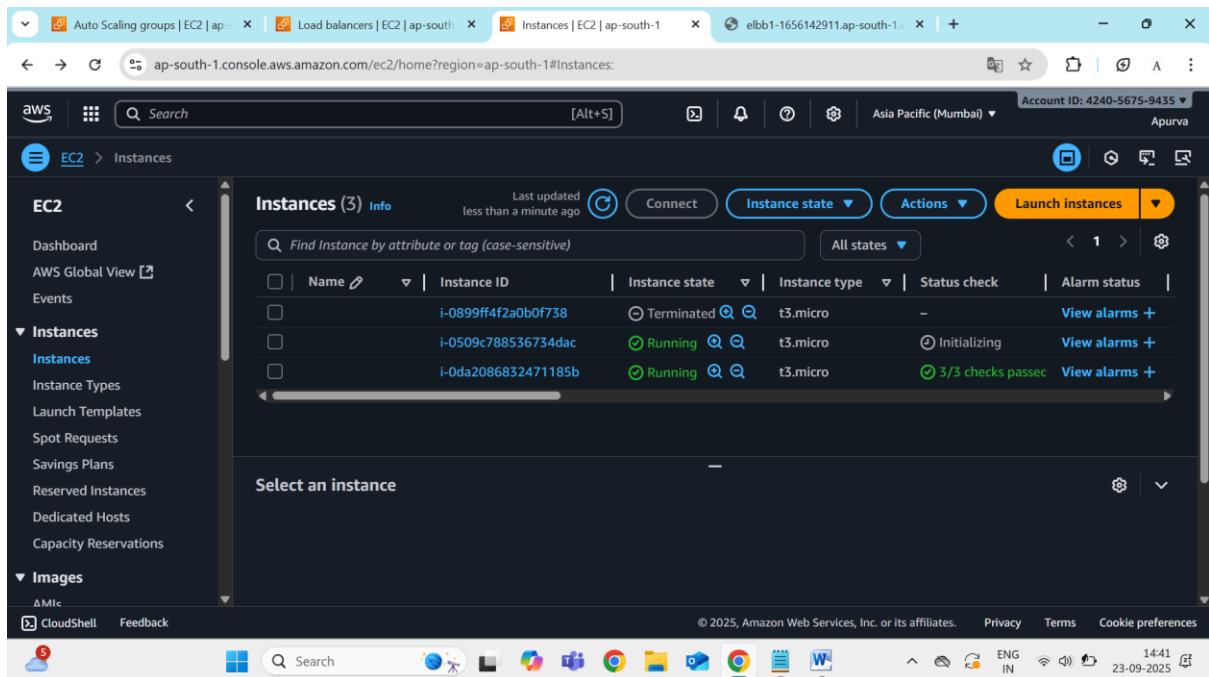
My auto web page is coming from

Served from: ip-10-0-3-53.ap-south-1.compute.internal

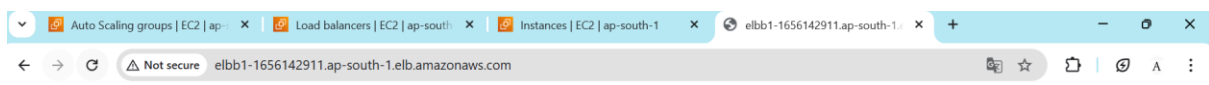


The screenshot shows a Windows taskbar with the search bar, task view button, and several open applications including Chrome, File Explorer, and Word.

3)After 5 min check if auto scaling has launched a new instance

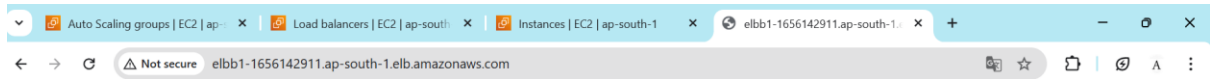


4)Again Test your domain URL, it should get output from 2 Different IPs (ec2 instances)



Served from: ip-10-0-3-53.ap-south-1.compute.internal





My auto web page is coming from

Served from: ip-10-0-2-47.ap-south-1.compute.internal



5) Increase CPU utilization on one instance and then check if 3rd instance has been launched by ASG

Instances (4) Info

Last updated less than a minute ago

Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive) All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>		i-0899ff4f2a0b0f738	Terminated	t3.micro	-	View alarms +
<input type="checkbox"/>		i-0509c788536734dac	Running	t3.micro	3/3 checks passed	1 in al... +
<input type="checkbox"/>		i-0122ca06f9dbf44e1	Running	t3.micro	Initializing	View alarms +
<input type="checkbox"/>		i-0da2086832471185b	Running	t3.micro	3/3 checks passed	View alarms +

Select an instance