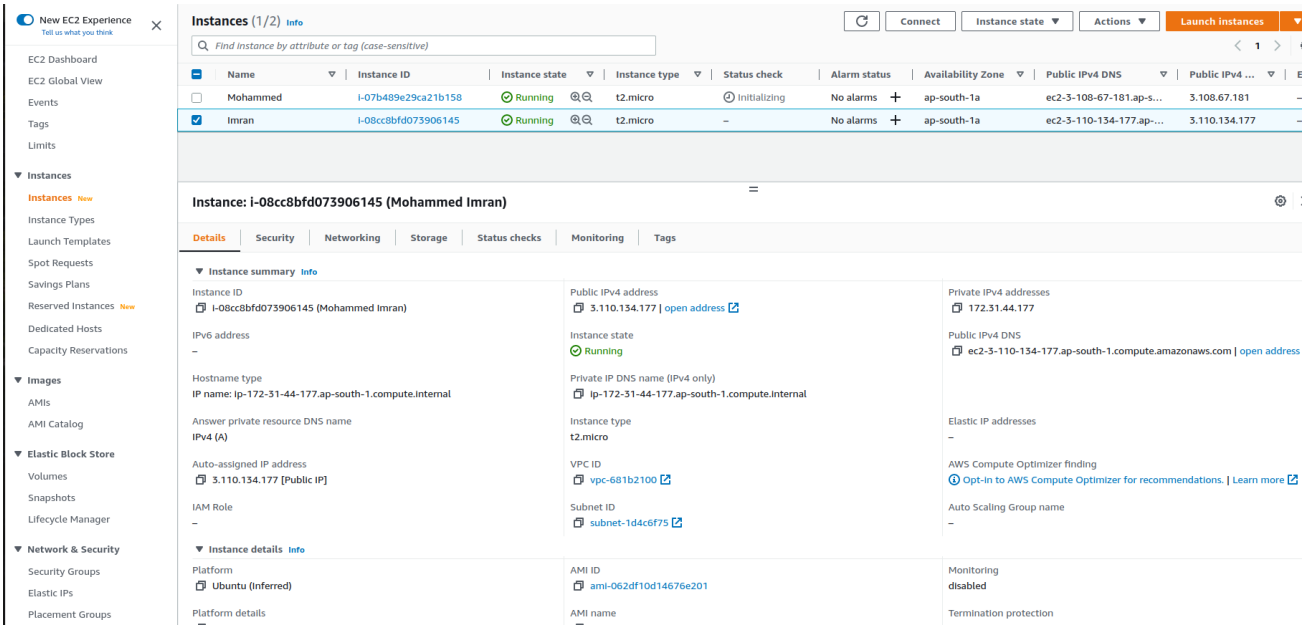
1. Create EC2 Instance:

Instance: i-08cc8bfd073906145 (Imran)

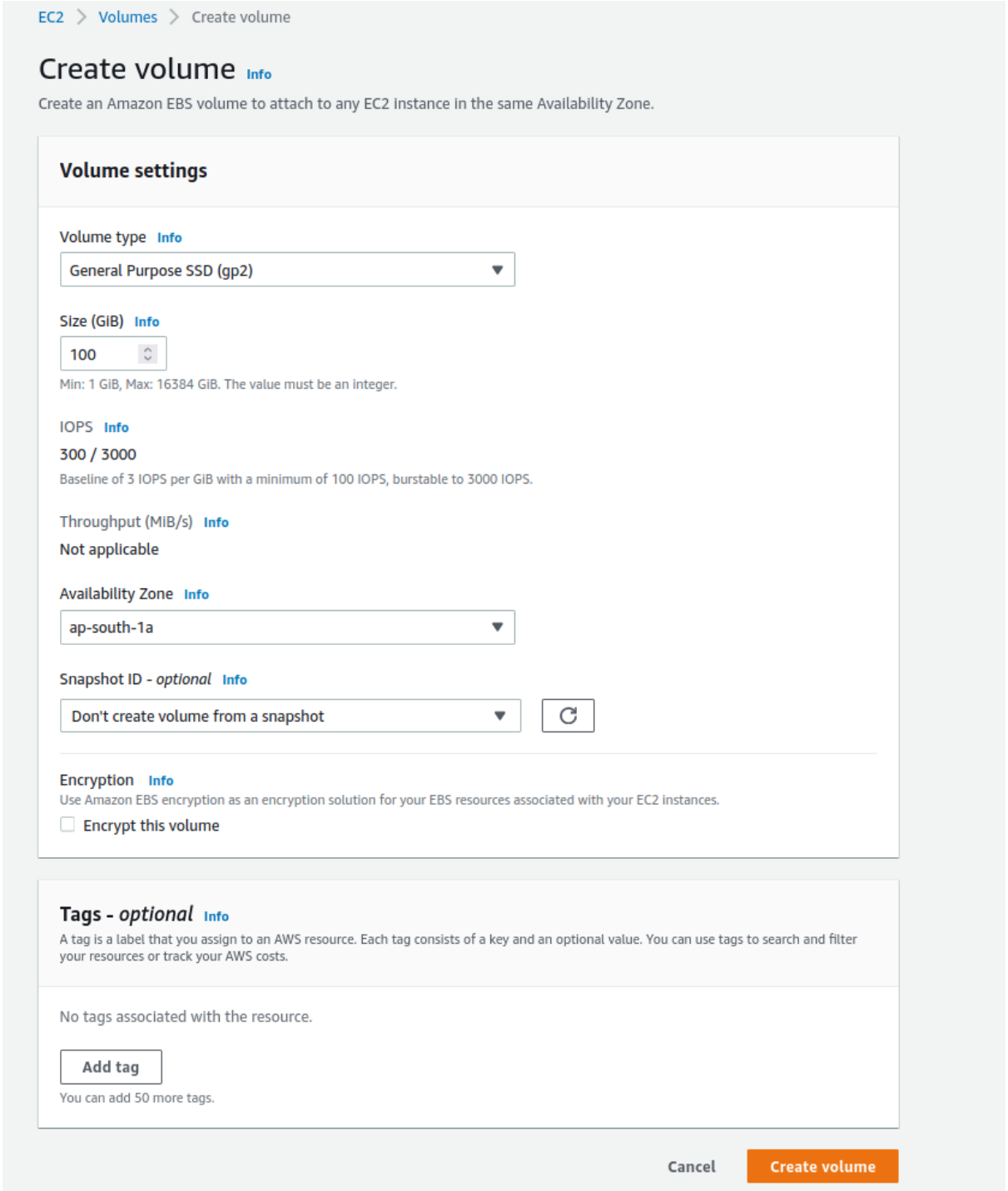
i-08cc8bfd073906145 (Imran)	3.110.134.177 | open address	172.31.44.177
IPv6 address –	Instance state Running	Public IPv4 DNS ec2-3-110-134-177.ap-south-1.compute.amazonaws.com | open address
Hostname type IP name: ip-172-31-44-177.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) ip-172-31-44-177.ap-south-1.compute.internal	
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	Elastic IP addresses –
Auto-assigned IP address 3.110.134.177 [Public IP]	VPC ID vpc-681b2100	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. | Learn more
IAM Role –	Subnet ID subnet-1d4c6f75	Auto Scaling Group name –

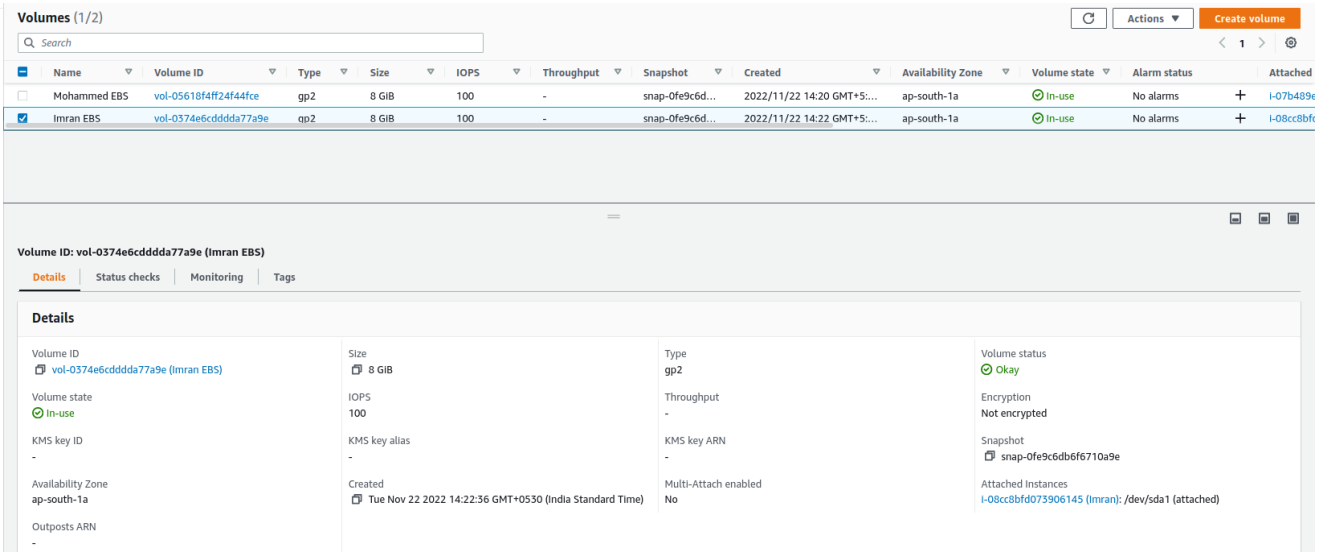
Instance details Info

Platform Ubuntu (Inferred)	AMI ID ami-062df10d14676e201	Monitoring disabled
Platform details Linux/UNIX	AMI name ubuntu/images/hvm-ssd/ubuntu-jammy-22.04-amd64-server-20220912	Termination protection Disabled
Stop protection Disabled	Launch time Tue Nov 22 2022 14:22:35 GMT+0530 (India Standard Time) (about 1 hour)	AMI location amazon/ubuntu/images/hvm-ssd/ubuntu-jammy-22.04-amd64-server-20220912
Instance auto-recovery Default	Lifecycle normal	Stop-hibernate behavior disabled

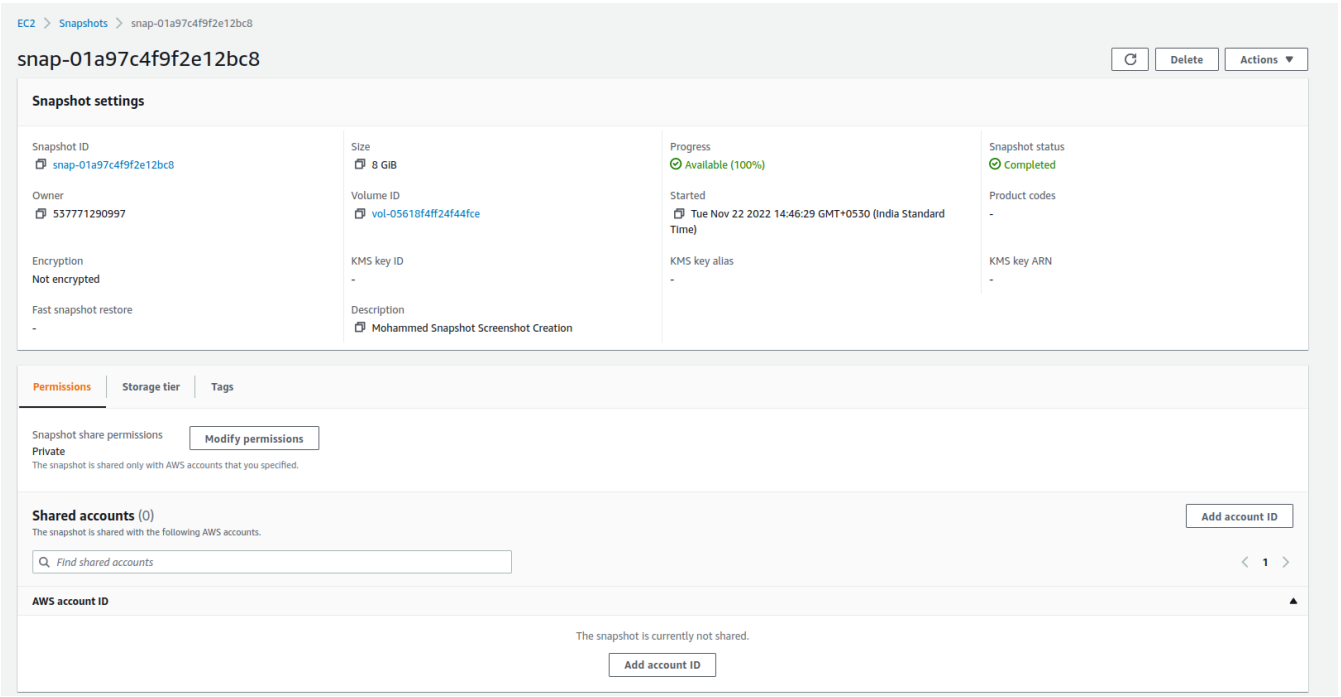


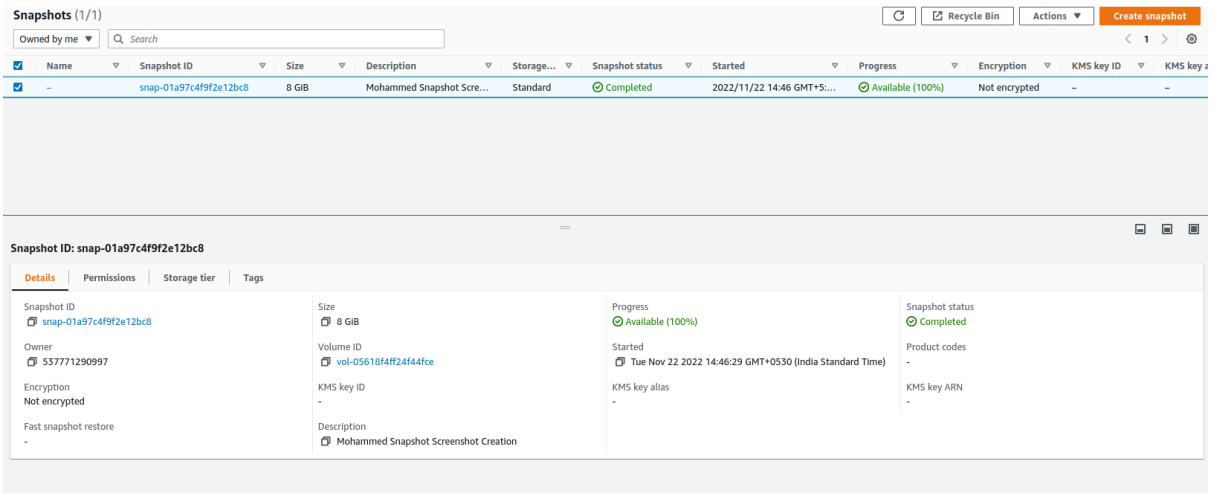
2. Elastic Block Store



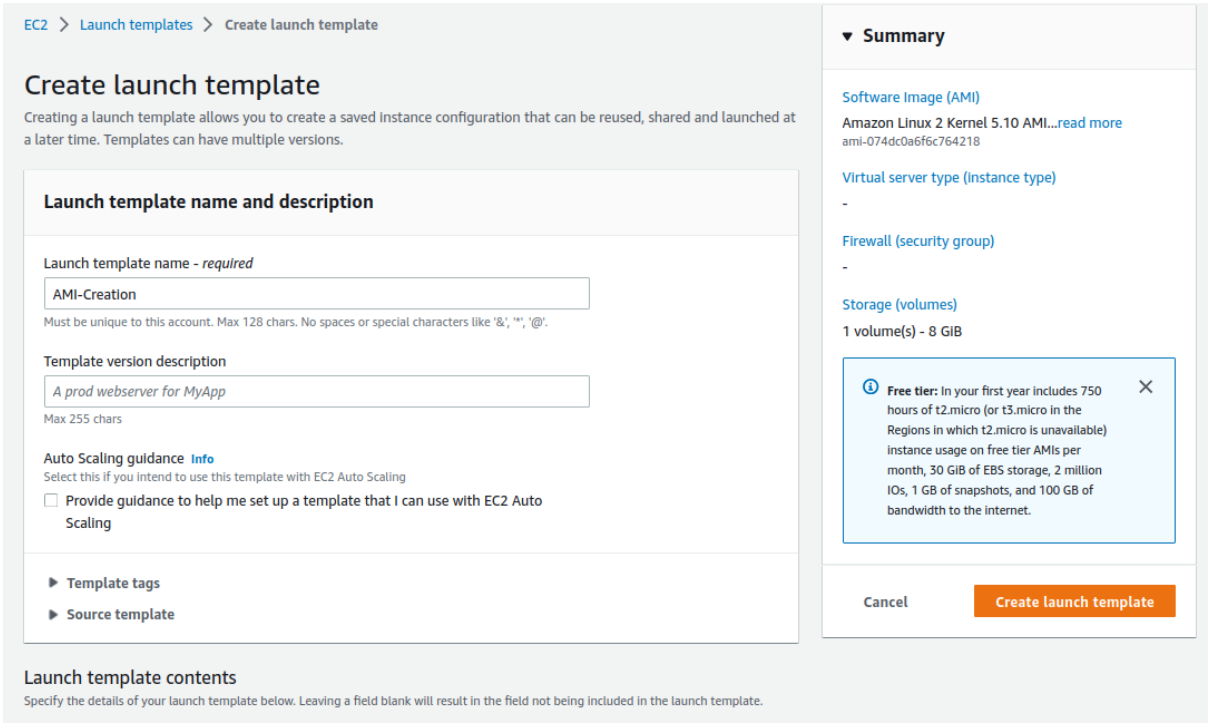


3. Snapshot Screenshot creation:

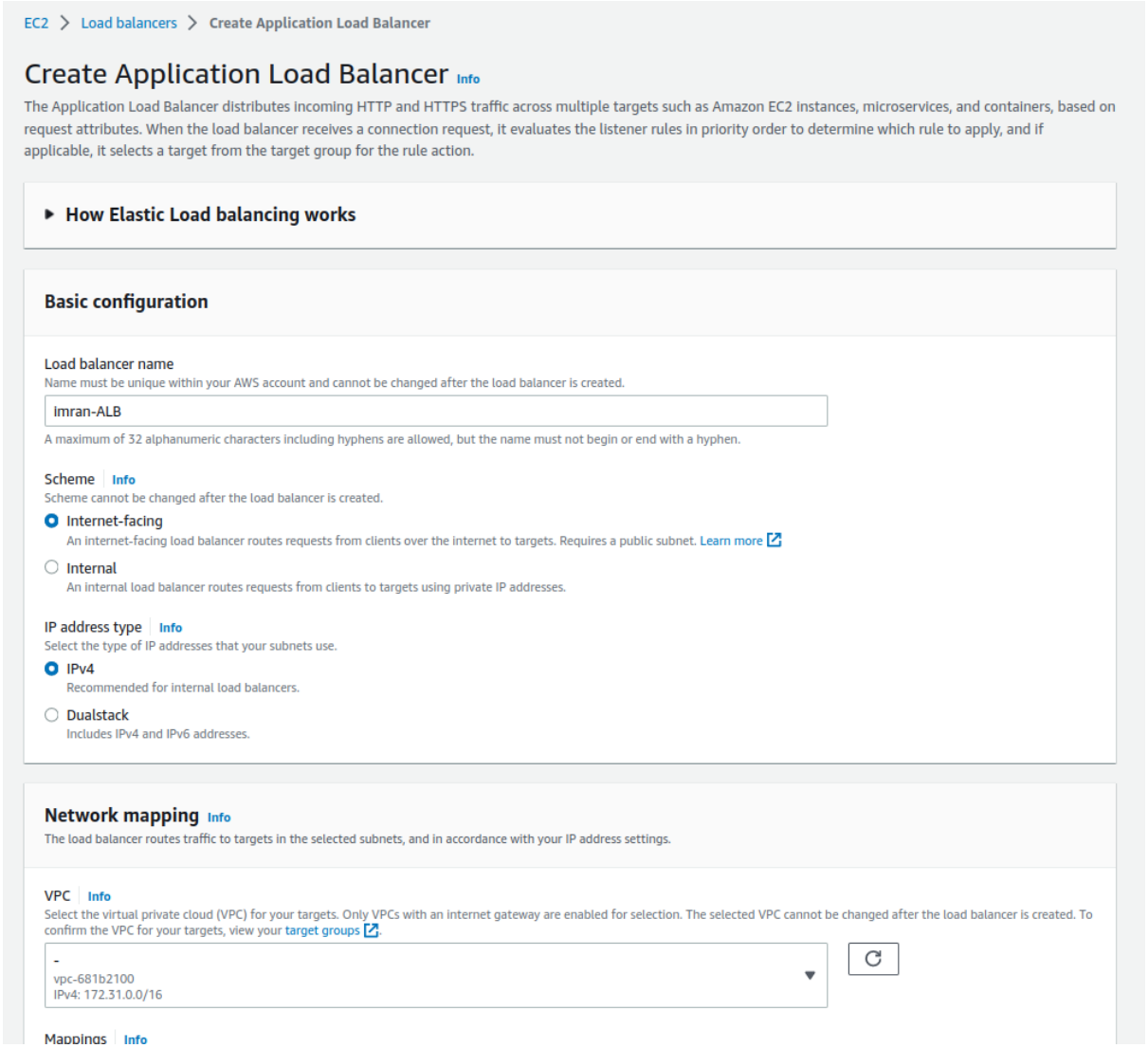




4. AMI Creation:



5. Load Balancer creation:



Mappings | Info

Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in these Availability Zones only. Availability Zones that are not supported by the load balancer or the VPC are not available for selection.

- ☐ ap-south-1a
- ☐ ap-south-1b
- ☐ ap-south-1c

Security groups Info

A security group is a set of firewall rules that control the traffic to your load balancer.

Security groups

Select up to 5 security groups

Create new security group

default sg-97f10df9
VPC: vpc-681b2100

Listeners and routing Info

A listener is a process that checks for connection requests using the port and protocol you configure. The rules that you define for a listener determine how the load balancer routes requests to its registered targets.

▼ Listener **HTTP:80** Remove

Protocol	Port	Default action Info
HTTP	80 (1-65535)	Forward to *Select a target group*

Create target group

Listener tags - *optional*

Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.

Add listener tag

You can add up to 50 more tags.

Add-on services - *optional*

Additional AWS services can be integrated with this load balancer at launch. You can also add these and other services after your load balancer is created by reviewing the "Integrated Services" tab for the selected load balancer.

AWS Global Accelerator Info

☐ Create an accelerator to get static IP addresses and improve the performance and availability of your applications. Additional charges apply

Tags - *optional*

Consider adding tags to your load balancer. Tags enable you to categorize your AWS resources so you can more easily manage them. The 'Key' is required, but 'Value' is optional. For example, you can have Key = production-webserver, or Key = webserver, and Value = production.

Summary

Review and confirm your configurations. Estimate cost

Basic configuration Edit

imran-ALB

- Internet-facing
- IPv4

Security groups Edit

- default
  sg-97f10df9

Network mapping Edit

VPC vpc-681b2100
Subnet not defined

Listeners and routing Edit

- HTTP:80 defaults to
  Target group not defined

Add-on services Edit

None

Tags Edit

None

Attributes

ⓘ Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.

Cancel | Create load balancer