Assignment Lab 4

Task 1. Run 2 web servers behind ALB

sg-0c0f3c446b0d2a5ee - my-lab-alb-sg

Actions ▼

Details

Security group name	Security group ID	Description	VPC ID
my-lab-alb-sg	sg-0c0f3c446b0d2a5ee	Lab application load balancer SG	vpc-012a447626c641f9f ↗
Owner	Inbound rules count	Outbound rules count	
009448477287	1 Permission entry	1 Permission entry	

Inbound rules | Outbound rules | Tags

Inbound rules (1)

Manage tags | Edit inbound rules

🔍 Search

< 1 >

	Name	Security group rule...	IP version	Type	Protocol	Port range
☐	–	sgr-07200ad10c6d02eec	IPv4	HTTP	TCP	80

sg-0ce111df973ce9fd9 - my-lab-EC2-server-sg

Actions ▼

Details

Security group name	Security group ID	Description	VPC ID
my-lab-EC2-server-sg	sg-0ce111df973ce9fd9	Web Server SG	vpc-012a447626c641f9f ↗
Owner	Inbound rules count	Outbound rules count	
009448477287	1 Permission entry	1 Permission entry	

Inbound rules | Outbound rules | Tags

Inbound rules (1)

Manage tags | Edit inbound rules

🔍 Search

< 1 >

IP version	Type	Protocol	Port range	Source	Descript
–	HTTP	TCP	80	sg-0c0f3c446b0d2a5ee / my-lab-alb-sg	–

Load balancers (1/1)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

[Actions ▼] [Create load balancer ▼]

	Name	DNS name	State	VPC ID	Availability Zones	Type	Date created
☑	Murwan-LoadBalancer	🗗 Murwan-LoadBalancer-16...	⊝ Provisioning	vpc-012a447626c641f9f	2 Availability Zones	application	November 19, 2023, 17:42 (UTC-06:00)

Filter: Murwan-LoadBalancer × | Clear filters | 1 match

Load balancer: Murwan-LoadBalancer

Details | Listeners and rules | Network mapping | Security | Monitoring | Integrations | Attributes | Tags

Details

Load balancer type	Status	VPC	IP address type
Application	⊝ Provisioning	vpc-012a447626c641f9f 🗗	IPv4

Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	Z35SXDOTRQ7X7K	subnet-04be139477d8e1d15 🗗 us-east-1a (use1-az1)	November 19, 2023, 17:42 (UTC-06:00)
		subnet-0f5f8dab7a0841207 🗗 us-east-1b (use1-az2)	

Load balancer ARN
🗗 arn:aws:elasticloadbalancing:us-east-1:009448477287:loadbalancer/app/Murwan-LoadBalancer/4d61700812751c6f

DNS name Info
🗗 Murwan-LoadBalancer-1669345168.us-east-1.elb.amazonaws.com (A Record)

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murwan-loadbalancer-1669345168.us-east-1.amazonaws.com

Hello YourName from ip-172-31-7-48.ec2.internal

Task 2. Run web servers behind NLB

Hello YourName from ip-172-31-7-48.ec2.internal

Task 3. Run the web server in ASG