

task 18 Elastic Load Balancer - CLB , ALB

create 2 instance as clb1 and clb2

The screenshot shows the AWS Management Console EC2 Instances page. The left sidebar is collapsed. The main area displays a table of instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
clb1	i-0aa82c715b7c7a556	Running	t3.micro	3/3 checks passed	View alarms	ap-southeast-1c	ec2-13-214
clb2	i-0a97e6f1cc09d31d8	Running	t3.micro	3/3 checks passed	View alarms	ap-southeast-1c	ec2-13-214
clb2	i-0f95c3ec8138a5aa5	Terminated	t3.micro	-	View alarms	ap-southeast-1c	-

Below the table, a section titled "Select an instance" is visible.

Create loadbalancer in classic loadbalancer and include the 2 instances

The screenshot shows the AWS Management Console Load balancers page. The left sidebar is collapsed. The main area displays a table of load balancers:

Name	Type	Scheme	VPC ID	Availability Zones
clb	classic	-	vpc-0129d99ffad7d2d28	3 Availability Zones

Below the table, a detailed view of the load balancer "clb" is shown:

Load balancer: clb

Details

Load balancer type Classic	Status 2 of 2 instances in service	VPC vpc-0129d99ffad7d2d28	Date created October 24, 2025, 11:22 (UTC+05:30)
Scheme Internet-facing	Hosted zone Z1LMS91P8CMLES	Availability Zones subnet-0df674d879e0d835e	

You get the output for both when u reload it ... shows the both instance ip



Create 3 instance for alb and go to load balancer

The screenshot shows the AWS Management Console EC2 Instances page. The left sidebar navigation includes EC2, Dashboard, EC2 Global View, Events, Instances (selected), Instances Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes). The main content area displays a table titled 'Instances (6) Info' with columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4. Three instances are listed as 'Running': alb3 (i-02cb1849b48d960f5, t3.micro, Initializing, ap-southeast-1a, ec2-13-212), alb2 (i-0026f7a6f685f386e, t3.micro, Initializing, ap-southeast-1a, ec2-54-169), and alb1 (i-0251a294d5fe2639b, t3.micro, Initializing, ap-southeast-1a, ec2-47-128).

Create target 3 target group and include the 3 instance and create alb and add the instance in alb and create you get the dns paste in new tab you get the output when you use /login/ in the end like use /home/ and /offer/

The screenshot shows the AWS Management Console Load Balancers page. The left sidebar navigation includes Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), Load Balancing (Load Balancers selected), Target Groups, Trust Stores, Auto Scaling (Auto Scaling Groups, Settings), and API Catalog. A modal window titled 'Introducing URL rewrite for Application Load Balancer' explains how to modify host headers and URL paths before reaching targets. The main content area shows a table titled 'Load balancers (1/1)' with one entry: 'alb' (Active, application, Internet-facing, IPv4, VPC ID: vpc-0129d99ffad7d2d28, 3 Availability Zones). Below this, the 'Load balancer: alb' section shows the targets: 'southeast-1a (apse1-az2)', 'subnet-01619dc1eaef53deb (apse1-az1)', 'subnet-0c6c8da3c35592a0f (apse1-az3)'. A message 'DNS name copied' is displayed next to the ARN: arn:aws:elasticloadbalancing:ap-southeast-1:947309778595:loadbalancer/app/alb/d2269bd7a394b8b.



