

## VPC

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- DHCP option sets
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Your VPCs

VPCs | VPC encryption controls - new

Your VPCs (2) Info

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Public...	IPv4 CIDR
assignment-vpc	vpc-0642e5f1ff8cdf270	Available	-	-	Off	10.0.0.0/16
-	vpc-0a5e8be21ca71d61e	Available	-	-	Off	172.31.0.0/16

## Subnets

VPC > Subnets

VPC dashboard

AWS Global View ▾

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Subnets (7) Info

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
-	subnet-078fa5d9091b87d42	Available	vpc-0a5e8be21ca71d61e	Off	172.31.16.0/20
private-subnet-1	subnet-0b301902c062df6c6	Available	vpc-0642e5f1ff8cdf270   assign...	Off	10.0.2.0/24
-	subnet-0f4c99d9f7a2b3839	Available	vpc-0a5e8be21ca71d61e	Off	172.31.32.0/20
public-subnet-2	subnet-069669dc9221b8003	Available	vpc-0642e5f1ff8cdf270   assign...	Off	10.0.1.0/24
private-subnet-2	subnet-040ec326b59e4e4e	Available	vpc-0642e5f1ff8cdf270   assign...	Off	10.0.3.0/24
public-subnet-1	subnet-0f2c408b3fbbee7db1	Available	vpc-0642e5f1ff8cdf270   assign...	Off	10.0.0.0/24
-	subnet-012358889500b8750	Available	vpc-0a5e8be21ca71d61e	Off	172.31.0.0/20

## Route Tables

VPC > Route tables

VPC dashboard

AWS Global View ▾

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- Egress-only internet

Route tables (4) Info

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0ff03393829fc0629	-	-	Yes	vpc-0642e5f1ff8cdf270   assign...
-	rtb-05a8066ffca7f94bc	-	-	Yes	vpc-0a5e8be21ca71d61e
public-rt	rtb-0968bb174c8dc5d5	2 subnets	-	No	vpc-0642e5f1ff8cdf270   assign...
private-rt	rtb-01e62ff03d94c3783	2 subnets	-	No	vpc-0642e5f1ff8cdf270   assign...

## IGW

VPC > Internet gateways

VPC dashboard

AWS Global View ▾

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Internet gateways (2) Info

Name	Internet gateway ID	State	VPC ID	Owner
assignment-igw	igw-02be2601b8303fbf2	Attached	vpc-0642e5f1ff8cdf270   assignment-vpc	369759350131
-	igw-0f2d1a899f070170a	Attached	vpc-0a5e8be21ca71d61e	369759350131

## NAT

VPC > NAT gateways

VPC dashboard

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NAT gateways (1) Info

Name	NAT gateway ID	Connectivity...	State	State message	Availability ...	Route table ID	Primary pu...
gw NAT	nat-0ee71831913dc72a2	Public	Available	-	Zonal	-	65.1.41.18

## EC2 instances without public ip's

The screenshot shows the AWS EC2 Instances page. On the left, a sidebar navigation includes Launch templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups), and Load Balancing (Load Balancers). The main content area displays 'Instances (1/2) Info' with a search bar and filters. Two instances are listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
nodejs-server	i-07499a03fa5912e07	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b	-
nodejs-server	i-06ff8551ee1680747	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	-

A detailed view for instance i-07499a03fa5912e07 is shown, highlighting that it has no Public IPv4 address.

## Load Balancer

The screenshot shows the AWS Load Balancers page. The sidebar navigation is identical to the previous EC2 page. The main content area displays 'Load balancers (1) What's new?' with a search bar and filters. One load balancer is listed:

Name	State	Type	Scheme	IP address type	VPC ID	Availability Zones
assignment-alb	Active	application	Internet-facing	IPv4	vpc-0642e5f1ff8cdf270	2 Availability Zones

## Target Group

The screenshot shows the AWS Target groups page. The sidebar navigation is identical to the previous pages. The main content area displays a target group named 'assignment-tg' with a search bar and filters. The 'Details' section shows:

Target type	Protocol : Port	Protocol version
Instance	HTTP: 8080	HTTP1

The 'Targets' section shows the following metrics:

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	2	0	0	0	0

The 'Registered targets' section shows 2 targets, with buttons for Anomaly mitigation (Not applicable), Deregister, and Register targets.

## Launch Template

The screenshot shows the AWS EC2 Launch Template Details page. The main title is "nodejs-lt20251206053152152300000001 (lt-055637b6c4f884d6c)". On the left sidebar, under the "Instances" section, "Capacity Manager" is listed with a "New" tag. The "Launch template details" section includes fields for Launch template ID (lt-055637b6c4f884d6c), Launch template name (nodejs-lt20251206053152152300000001), Default version (1), and Owner (arn:aws:iam::369759350131:user/user2). Below this are tabs for "Details", "Versions", and "Template tags". The "Launch template version details" section shows one version (1 (Default)) with fields for Description (empty), Date created (2025-12-06T05:31:52.000Z), and Created by (arn:aws:iam::369759350131:user/user2). The "Instance details" tab is selected, showing AMI ID (ami-02d05f76acbed4e5e), Instance type (t2.micro), Availability Zone (empty), Key pair name (empty), Security groups (empty), and Security group IDs (sg-0fe4303ee5186e18f).

## Outputs

