

LAB 03 - AWS

Task 01:

- Launch a jump host
- Take a screenshot while you are ssh to the jump host
- Also, When you ssh from bastion to the private machine
- Screenshot from the console showing the instances Ips

EC2 > Instances > i-00297c9867b189a70

Instance summary for i-00297c9867b189a70 (bastion-host) [Info](#)

Updated less than a minute ago

[Refresh](#) [Connect](#) [Instance state ▼](#) [Actions ▼](#)

Instance ID i-00297c9867b189a70 (bastion-host)	Public IPv4 address 54.157.255.255 open address	Private IPv4 addresses 10.0.0.15
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-10-0-0-15.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-0-15.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address 54.157.255.255 [Public IP]	VPC ID vpc-0df618dc1a684a5e4 (sprints-task2)	Auto Scaling Group name -
IAM Role -	Subnet ID subnet-02d3f1866b608e77e (public-subnet)	

[Details](#) | [Security](#) | [Networking](#) | [Storage](#) | [Status checks](#) | [Monitoring](#) | [Tags](#)

▼ **Instance details** [Info](#)

Platform Amazon Linux (Inferred)	AMI ID ami-0b5eea76982371e91	Monitoring disabled
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EC2 > Instances > i-0c04ab62ca1874bbc

Instance summary for i-0c04ab62ca1874bbc (private-machine) [Info](#)

Updated less than a minute ago

[Refresh](#) [Connect](#) [Instance state ▼](#) [Actions ▼](#)

Instance ID i-0c04ab62ca1874bbc (private-machine)	Public IPv4 address -	Private IPv4 addresses 10.0.1.54
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-10-0-1-54.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-1-54.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address -	VPC ID vpc-0df618dc1a684a5e4 (sprints-task2)	Auto Scaling Group name -
IAM Role -	Subnet ID subnet-0b92285fc8133c78c (private-subnet)	

[Details](#) | [Security](#) | [Networking](#) | [Storage](#) | [Status checks](#) | [Monitoring](#) | [Tags](#)

▼ **Instance details** [Info](#)

Platform Amazon Linux (Inferred)	AMI ID ami-0b5eea76982371e91	Monitoring disabled
Platform details	AMI name	Termination protection

Instance summary for i-04060604de0ae8b49 (instance-private2) [Info](#)

↻

Connect

Instance state ▼

Actions ▼

Updated less than a minute ago

Instance ID

🔗

i-04060604de0ae8b49 (instance-private2)

IPv6 address

–

Hostname type

IP name: ip-10-0-3-101.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

–

IAM Role

–

Public IPv4 address

–

Instance state

🟢 Running

Private IP DNS name (IPv4 only)

🔗

ip-10-0-3-101.ec2.internal

Instance type

t2.micro

VPC ID

🔗

vpc-0dd7eec11afede9e5 (sprints-lab3) [🔗](#)

Subnet ID

🔗

subnet-00109e71e211cc2ac (private-subnet2) [🔗](#)

Private IPv4 addresses

🔗

10.0.3.101

Public IPv4 DNS

–

Elastic IP addresses

–

AWS Compute Optimizer finding

🔔

Opt-in to AWS Compute Optimizer for recommendations.
[| Learn more](#) [🔗](#)

Auto Scaling Group name

–

public

Actions ▼

Details

🔗 arn:aws:elasticloadbalancing:us-east-1:309705700864:targetgroup/public/5dbbd857d22713da

Target type

Instance

Protocol : Port

HTTP: 80

Protocol version

HTTP1

VPC

🔗

vpc-0dd7eec11afede9e5 [🔗](#)

IP address type

IPv4

Load balancer

[ALB](#) [🔗](#)

Total targets

2

Healthy

🟢 2

Unhealthy

🔴 0

Unused

🕒 0

Initial

🕒 0

Draining

🕒 0

Targets

Monitoring

Health checks

Attributes

Tags

Registered targets (2)

↻

Deregister

Register targets

🔍 Filter resources by property or value

< 1 > ⚙️

☐

Instance ID

▼

☐

Name

▼

☐

Port

▼

☐

Zone

▼

☐

Health status

▼

☐

Health status details

☐

i-024ebe0f1cfea3ca6

instance-public1

80

us-east-1a

🟢 healthy

☐

i-06e6871cd1fb7a0b9

instance-public2

80

us-east-1b

🟢 healthy

private

Actions ▼

Details

🔗 arn:aws:elasticloadbalancing:us-east-1:309705700864:targetgroup/private/d49588809981f8d5

Target type

Instance

Protocol : Port

TCP: 80

VPC

🔗

vpc-0dd7eec11afede9e5 [🔗](#)

IP address type

IPv4

Load balancer

[NLB](#) [🔗](#)

Total targets

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Healthy

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Unhealthy

🔴 0

Unused

🕒 0

Initial

🕒 0

Draining

🕒 0

Targets

Monitoring

Health checks

Attributes

Tags

Registered targets (2)

↻

Deregister

Register targets

🔍 Filter resources by property or value

< 1 > ⚙️

☐

Instance ID

▼

☐

Name

▼

☐

Port

▼

☐

Zone

▼

☐

Health status

▼

☐

Health status details

☐

i-04060604de0ae8b49

instance-private2

80

us-east-1b

🟢 healthy

☐

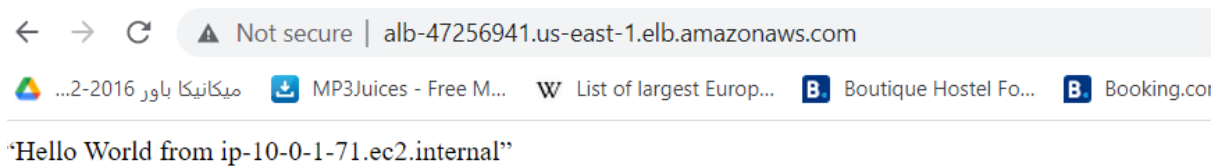
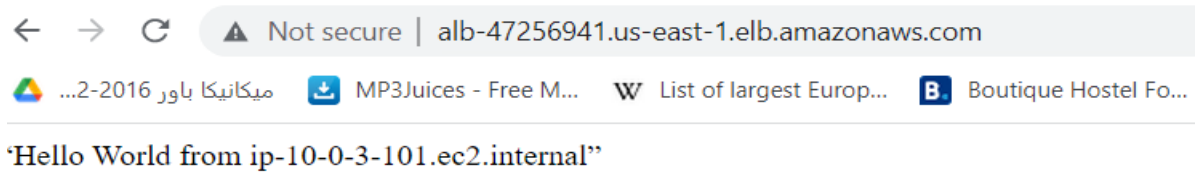
i-0443be3c16e7a04d0

instance-private1

80

us-east-1a

🟢 healthy



Load balancers (2)								
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.								
<input type="text" value="Filter by property or value"/>								
<div>< 1 > ⚙</div>								
<input type="checkbox"/>	Name ▾	DNS name ▾	State ▾	VPC ID ▾	Availability Zones ▾	Type ▾	Created At ▾	
<input type="checkbox"/>	NLB	NLB-8a19830531ecbe32.elb.us-east-1.amazonaws.com	Active	vpc-0dd7eec11afede9e5	2 Availability Zones	network	December 27, 2022, 01:08 (UTC+02:00)	
<input type="checkbox"/>	ALB	ALB-47256941.us-east-1.elb.amazonaws.com	Active	vpc-0dd7eec11afede9e5	2 Availability Zones	application	December 27, 2022, 01:03 (UTC+02:00)	