

Assignment

Implementing Load balancer for Linux Instance:-

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'Parimal R. Prajapati'. The left sidebar contains navigation links for 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', 'AMIs', 'Elastic Block Store', 'Volumes', 'Snapshots', 'Lifecycle Manager', 'Network & Security', 'Feedback', and 'English (US)'. The main content area displays a table of EC2 instances. Two instances are listed: 'Linux 1' (ID: i-04f1b494b1fb6038a) and 'Linux 2' (ID: i-09e08c2f724191b62). Both are t2.micro instances in the us-east-2c availability zone, running in the 'running' state. Below the table, the details for 'Linux 1' are expanded, showing its public DNS, IP addresses, and other configuration details.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6
Linux 1	i-04f1b494b1fb6038a	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-14-9-2.us-east-2...	3.14.9.2	-
Linux 2	i-09e08c2f724191b62	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-21-169-149.us-e...	3.21.169.149	-

Instance: i-04f1b494b1fb6038a (Linux 1) Public DNS: ec2-3-14-9-2.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-04f1b494b1fb6038a
Instance state: running
Instance type: t2.micro
Finding: Opt-in to AWS Compute Optimizer for recommendations.
Private DNS: ip-172-31-41-155.us-east-2.compute.internal
Private IPs: 172.31.41.155
Secondary private IPs: vpc-54b2483f
VPC ID: vpc-54b2483f
Public DNS (IPv4): ec2-3-14-9-2.us-east-2.compute.amazonaws.com
IPv4 Public IP: 3.14.9.2
IPv6 IPs: -
Elastic IPs: -
Availability zone: us-east-2c
Security groups: launch-wizard-8. view inbound rules. view outbound rules
Scheduled events: No scheduled events
AMI ID: amzn2-ami-hvm-2.0.20200722.0-x86_64-gp2 (ami-07c8bc5c1ce9598c3)

This screenshot is similar to the one above, showing the AWS Management Console. The main content area displays the same table of EC2 instances. The details for 'Linux 2' (ID: i-09e08c2f724191b62) are expanded, showing its public DNS, IP addresses, and other configuration details.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6
Linux 1	i-04f1b494b1fb6038a	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-14-9-2.us-east-2...	3.14.9.2	-
Linux 2	i-09e08c2f724191b62	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-3-21-169-149.us-e...	3.21.169.149	-

Instance: i-09e08c2f724191b62 (Linux 2) Public DNS: ec2-3-21-169-149.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-09e08c2f724191b62
Instance state: running
Instance type: t2.micro
Finding: Opt-in to AWS Compute Optimizer for recommendations.
Private DNS: ip-172-31-33-188.us-east-2.compute.internal
Private IPs: 172.31.33.188
Secondary private IPs: vpc-54b2483f
VPC ID: vpc-54b2483f
Public DNS (IPv4): ec2-3-21-169-149.us-east-2.compute.amazonaws.com
IPv4 Public IP: 3.21.169.149
IPv6 IPs: -
Elastic IPs: -
Availability zone: us-east-2c
Security groups: launch-wizard-8. view inbound rules. view outbound rules
Scheduled events: No scheduled events
AMI ID: amzn2-ami-hvm-2.0.20200722.0-x86_64-gp2 (ami-07c8bc5c1ce9598c3)

Instances | EC2 Management Co x

3.14.9.2 x

3.21.169.149 x

newlb-1117004072.us-east-2.elb: x

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Not secure | 3.14.9.2

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Avatar

Username

Enter Username

Password

Enter password

Login

☒ Remember Me

Cancel

Forgot Password

Instances | EC2 Management Co x

3.14.9.2 x

3.21.169.149 x

newlb-1117004072.us-east-2.elb: x

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Enter Username

PassKey

Enter password

Login

☒ Remember Me

Cancel

Forgot Password

Instances | EC2 Management Co x3.14.9.2 x3.21.169.149 xnewlb-1117004072.us-east-2.elb x

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EC2 Management Console x3.14.9.2 x3.21.169.149 xnewlb-1117004072.us-east-2.elb x

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aws

Services ▾ Resource Groups ▾ ⭐

🔔 Parimal R. Prajapati ▾ Ohio ▾ Support ▾

Capacity Reservations

▼ Images

- AMIs

▼ Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

▼ Network & Security

- Security Groups New
- Elastic IPs New
- Placement Groups New
- Key Pairs New
- Network Interfaces

▼ Load Balancing

- Load Balancers**
- Target Groups New

▼ Auto Scaling

- Launch Configurations
- Auto Scaling Groups

Create Load Balancer Actions ▾

⏮ < 1 to 1 of 1 > ⏭

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones	Type	Created At
<input checked="" type="checkbox"/>	newLb	newLb-1117004072.us-east-2.elb.amazonaws.com	active	vpc-54b2483f	us-east-2c, us-east-2b	application	August 28, 2020

DescriptionListenersMonitoringIntegrated servicesTags

Basic Configuration

Name

newLb

ARN

arn:aws:elasticloadbalancing:us-east-2:142955982734:loadbalancer/app/newLb/062f5fd65b86421

DNS name

newLb-1117004072.us-east-2.elb.amazonaws.com (A Record)

State

active

Type

application

Scheme

internet-facing

IP address type

ipv4

🗨 Feedback 🌐 English (US)

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EC2 Management Console

3.14.9.2

3.21.169.149

newlb-1117004072.us-east-2.elb.

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LoadBalancers:sort=loadBalancerName

aws

Services

Resource Groups

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Support

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Auto Scaling

Launch Configurations

Auto Scaling Groups

Create Load Balancer

Actions

Filter by tags and attributes or search by keyword

Name	DNS name	State	VPC ID	Availability Zones	Type	Created At
newLb	newLb-1117004072.us-east-2.elb.amazonaws.com	active	vpc-54b2483f	us-east-2c, us-east-2b	application	August 28, 2018

Showing data for: Last Hour

Below are your CloudWatch metrics for the selected resources (a maximum of 10). Click on a graph to see an expanded view. All times shown are in UTC. [View all CloudWatch metrics](#)

Target Response Time (Milliseconds)

Requests (Count)

Rule Evaluations (Count)

HTTP 5XXs (Count)

HTTP 4XXs (Count)

ELB 5XXs (Count)

ELB 4XXs (Count)

HTTP 500s (Count)

Feedback

English (US)

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