

AWS Assignment – Session 4

1.Created 2 Linux instances and added html pages in index.html

Linux 1 Public IP: 34.238.234.221

The image shows two screenshots. The top screenshot is the AWS Management Console 'Instances' page. It lists four EC2 instances: 'linux1' (running, t2.micro, us-east-1c, Public IP: 34.238.234.221), 'l1' (terminated, t2.micro, us-east-1e), 'l2' (terminated, t2.micro, us-east-1e), and 'linux2' (running, t2.micro, us-east-1c, Public IP: 54.172.8.244). The 'linux1' instance is selected, showing its details: Instance ID i-0820785663c2ba3af, running state, t2.micro type, and Public DNS ec2-34-238-234-221.compute-1.amazonaws.com. The bottom screenshot shows a web browser address bar with the URL 'http://34.238.234.221' and a login form with fields for Username and Password, a Login button, and a 'Remember me' checkbox.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6
linux1	i-0820785663c2ba3af	t2.micro	us-east-1c	running	2/2 checks ...	None	ec2-34-238-234-221.co...	34.238.234.221	-
l1	i-0b9622747efe8b471	t2.micro	us-east-1e	terminated		None		-	-
l2	i-0bb0e7a0e99ee0d...	t2.micro	us-east-1e	terminated		None		-	-
linux2	i-0d7e3a01de5a490...	t2.micro	us-east-1c	running	2/2 checks ...	None	ec2-54-172-8-244.com...	54.172.8.244	-

Instance: **i-0820785663c2ba3af (linux1)** Public DNS: ec2-34-238-234-221.compute-1.amazonaws.com

Property	Value
Instance ID	i-0820785663c2ba3af
Instance state	running
Instance type	t2.micro
Public DNS (IPv4)	ec2-34-238-234-221.compute-1.amazonaws.com
IPv4 Public IP	34.238.234.221
IPv6 IPs	-
Elastic IPs	-

Browser address bar: <http://34.238.234.221>

Login form fields: Username, Password, Login button, Remember me checkbox.

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Linux2 Public ip: 54.172.8.244

The screenshot shows the AWS Management Console interface. On the left, there is a navigation menu with options like 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', and 'Dedicated Hosts'. The main area displays a table of EC2 instances. The instance 'linux2' is selected, and its details are shown below the table. The public IP address is highlighted in yellow.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP
linux1	i-0820785663c2ba3af	t2.micro	us-east-1c	running	2/2 checks ...	None	ec2-34-238-234-221.co...	34.238.234.221
l1	i-0b9622747efe8b471	t2.micro	us-east-1e	terminated		None		-
l2	i-0bb0e7a0e99ee0d...	t2.micro	us-east-1e	terminated		None		-
linux2	i-0d7e3a01de5a490...	t2.micro	us-east-1c	running	2/2 checks ...	None	ec2-54-172-8-244.com...	54.172.8.244

Instance: i-0d7e3a01de5a49092 (linux2) Public DNS: ec2-54-172-8-244.compute-1.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-0d7e3a01de5a49092 Public DNS (IPv4): ec2-54-172-8-244.compute-1.amazonaws.com
Instance state: running IPv4 Public IP: 54.172.8.244
Instance type: t2.micro IPv6 IPs: -

The screenshot shows a web browser window. The address bar displays the URL 54.172.8.244. Below the address bar, there is a login form with the following elements:

- Avatar icon
- User Id: Enter Username
- PassKey: Enter Password
- Login button
- Remember me checkbox (checked)
- Cancel button
- Forgot password? link

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Created a loadbalancer and added the added instances as targets

Name of the loadbalancer is **bharathelb**

Target group as **mytargets**

DNS name : bharathelb-32874541.us-east-1.elb.amazonaws.com

The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for various AWS services. The main content area displays the details of the Elastic Load Balancing (ELB) instance named 'bharathelb'. The instance is in the 'active' state and is associated with the VPC ID 'vpc-2e216b54'. The DNS name is 'bharathelb-32874541.us-east-1.elb.amazonaws.com'. The instance is of type 'application' and is located in the 'us-east-1c' availability zone.

Name	DNS name	State	VPC ID	Availability Zones	Type
bharathelb	bharathelb-32874541.us-east-1.elb.amazonaws.com	active	vpc-2e216b54	us-east-1c, us-east-1a, ...	application

Load balancer: **bharathelb**

Basic Configuration

Name	bharathelb
ARN	arn:aws:elasticloadbalancing:us-east-1:344079162438:loadbalancer/app/bharathelb/e95f143ff4d2352b
DNS name	bharathelb-32874541.us-east-1.elb.amazonaws.com (A Record)

The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for various AWS services. The main content area displays the details of the Target Group named 'mytargets'. The target group is in the 'active' state and is associated with the VPC ID 'vpc-2e216b54'. The target group is of type 'instance' and is located in the 'us-east-1c' availability zone. The target group is associated with the load balancer 'bharathelb'. The target group has two registered targets: 'linux2' and 'linux1', both of which are in the 'healthy' state.

EC2 > Target groups > mytargets

mytargets

arn:aws:elasticloadbalancing:us-east-1:344079162438:targetgroup/mytargets/cfb965cfbe8de9d

Basic configuration

Target type	Protocol : Port	VPC	Load balancer
instance	HTTP : 80	vpc-2e216b54	bharathelb


Registered targets (2)

Instance ID	Name	Port	Zone	Status	Status details
i-0d7e3a01de5a49092	linux2	80	us-east-1c	healthy	
i-0820785663c2ba3af	linux1	80	us-east-1c	healthy	

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DNS name : bharathelb-32874541.us-east-1.elb.amazonaws.com

← → ↻ ⓘ Not secure | bharathelb-32874541.us-east-1.elb.amazonaws.com


Avatar

Username

Password

☒ Remember me

← → ↻ ⓘ Not secure | bharathelb-32874541.us-east-1.elb.amazonaws.com

Avatar

UserId

PassKey

☒ Remember me