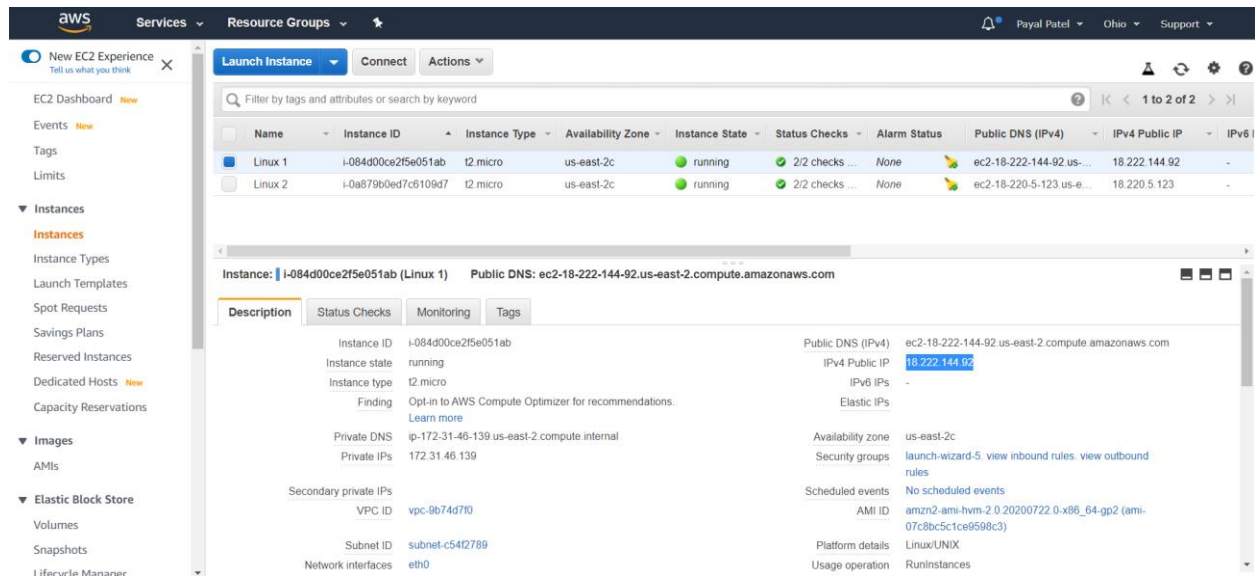


1st Linux Instance created



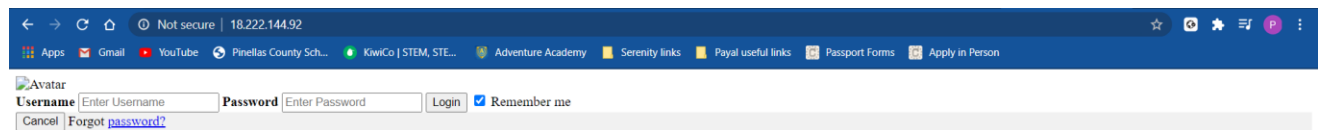
The screenshot shows the AWS Management Console with two Linux instances. The first instance, 'Linux 1', is selected and its details are displayed. The instance is in a 'running' state, using the 't2.micro' instance type in the 'us-east-2c' availability zone. Its public DNS is 'ec2-18-222-144-92.us-east-2.compute.amazonaws.com' and its IPv4 public IP is '18.222.144.92'. The instance is running on the 'amzn2-ami-hvm-2.0.20200722.0-x86_64-gp2' AMI.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 Public IP
Linux 1	i-084d00ce2f5e051ab	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-222-144-92.us-east-2.compute.amazonaws.com	18.222.144.92	-
Linux 2	i-0a879b0ed7c5109d7	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-220-5-123.us-east-2.compute.amazonaws.com	18.220.5.123	-

Instance: i-084d00ce2f5e051ab (Linux 1) Public DNS: ec2-18-222-144-92.us-east-2.compute.amazonaws.com

Property	Value
Instance ID	i-084d00ce2f5e051ab
Instance state	running
Instance type	t2.micro
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS	p-172-31-46-139.us-east-2.compute.internal
Private IPs	172.31.46.139
Secondary private IPs	-
VPC ID	vpc-9b74d7f0
Subnet ID	subnet-c54f2789
Network interfaces	eth0
Public DNS (IPv4)	ec2-18-222-144-92.us-east-2.compute.amazonaws.com
IPv4 Public IP	18.222.144.92
IPv6 IPs	-
Elastic IPs	-
Availability zone	us-east-2c
Security groups	launch-wizard-5, 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)
Platform details	Linux/UNIX
Usage operation	RunInstances

Application is deployed on 1st Linux server



The screenshot shows a web browser window with a login page. The browser's address bar shows '18.222.144.92'. The page has a dark blue header with navigation links: Apps, Gmail, YouTube, Pinellas County Sch..., KiwiCo | STEM, STE..., Adventure Academy, Serenity links, Payal useful links, Passport Forms, and Apply in Person. Below the header is a login form with an 'Avatar' icon, a 'Username' field, a 'Password' field, a 'Login' button, and a 'Remember me' checkbox. There are also links for 'Cancel' and 'Forgot password?'.

Not secure | 18.222.144.92

Apps Gmail YouTube Pinellas County Sch... KiwiCo | STEM, STE... Adventure Academy Serenity links Payal useful links Passport Forms Apply in Person

Avatar

Username Password Login ☒ Remember me

Cancel Forgot password?

2nd Linux Instance created

The screenshot shows the AWS Management Console with the 'Instances' page selected. Two Linux instances are listed:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6
Linux 1	i-084d00ce2f5e051ab	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-222-144-92 us-...	18.222.144.92	-
Linux 2	i-0a879b0ed7c6109d7	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-18-220-5-123 us-e...	18.220.5.123	-

The details for 'Linux 2' (Instance ID: i-0a879b0ed7c6109d7) are shown below:

- Public DNS: ec2-18-220-5-123.us-east-2.compute.amazonaws.com
- Instance ID: i-0a879b0ed7c6109d7
- Instance state: running
- Instance type: t2.micro
- Private DNS: ip-172-31-41-137.us-east-2.compute.internal
- Private IPs: 172.31.41.137
- Secondary private IPs: VPC ID vpc-9b74d7f0
- Subnet ID: subnet-c542789
- Availability zone: us-east-2c
- Security groups: launch-wizard-5, 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)
- Platform details: Linux/UNIX

Application is deployed on 2nd Linux server

The screenshot shows a web browser at the address 18.220.5.123. The page has a login form with the following fields:

- User ID: Enter Username
- Password: Enter Password
- Remember me: ☒

Buttons include 'Login', 'Cancel', and 'Forgot password?'. The browser's address bar shows the URL 18.220.5.123.

Application load balancer created with above 2 instances as targets.

The screenshot shows the AWS Management Console with the 'Load Balancers' page selected. One load balancer is listed:

Name	DNS name	State	VPC ID	Availability Zones	Type	Created
Assignment2elb	Assignment2elb-113901638...	active	vpc-9b74d7f0	us-east-2b, us-east-2a...	application	August 23

The details for 'Assignment2elb' are shown below:

- Name: Assignment2elb
- ARN: arn:aws:elasticloadbalancing:us-east-2:031792022731:loadbalancer/app/Assignment2elb/1891cbce1f0a46c
- DNS name: Assignment2elb-1139016386.us-east-2.elb.amazonaws.com (A Record)
- State: active
- Type: application
- Scheme: Internet-facing
- IP address type: ipv4

Functioning of ELB

← → ↻ 🔍

Not secure | assignment2elb-1139016386.us-east-2.elb.amazonaws.com

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📱 Apps

📧 Gmail

📺 YouTube

📍 Pinellas County Sch...

🌱 KwiCo | STEM, STE...

🏡 Adventure Academy

📄 Serenity links

💰 Payal useful links

📄 Passport Forms

👤 Apply in Person

Avatar

Username

Password

Login

☒ Remember me

Cancel

Forgot [password?](#)

← → ↻ 🔍

Not secure | assignment2elb-1139016386.us-east-2.elb.amazonaws.com

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🌱 KwiCo | STEM, STE...

🏡 Adventure Academy

📄 Serenity links

💰 Payal useful links

📄 Passport Forms

👤 Apply in Person

Avatar

UserID

Passkey

Login

☒ Remember me

Cancel

Forgot [password?](#)