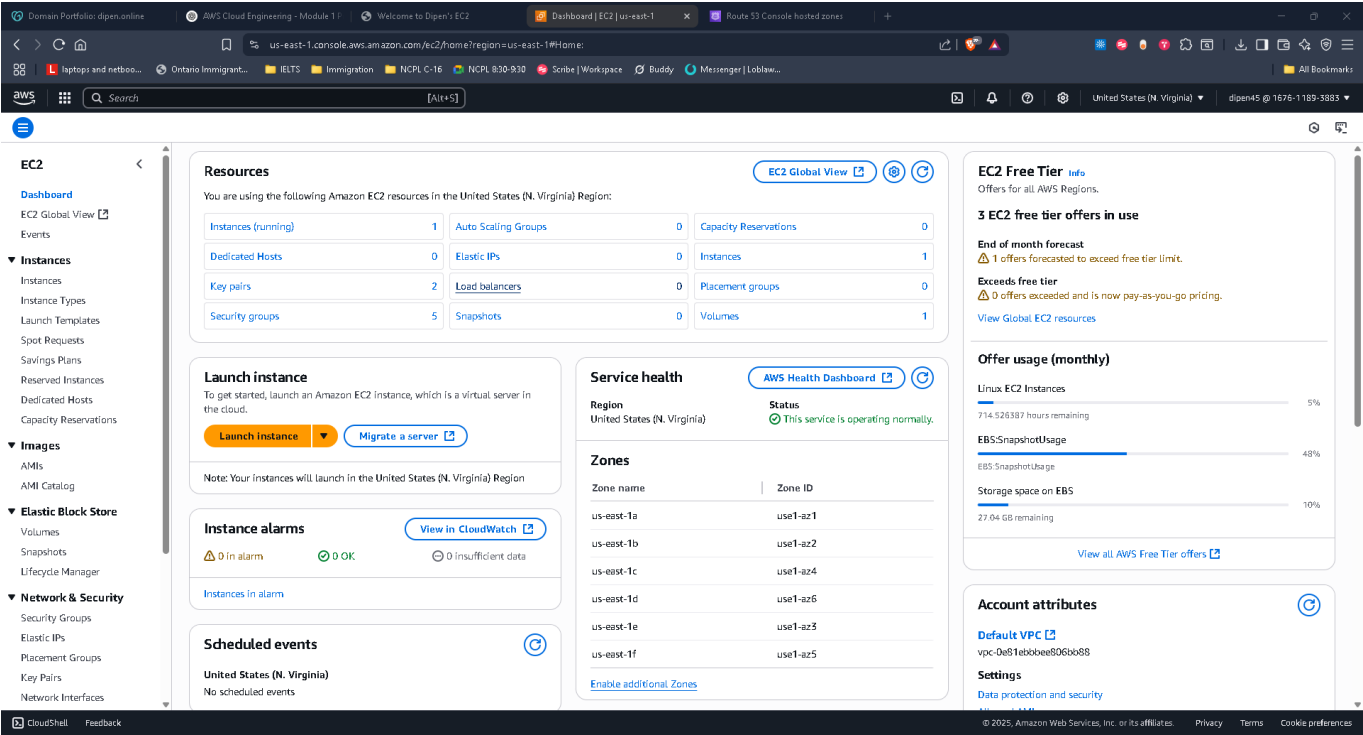


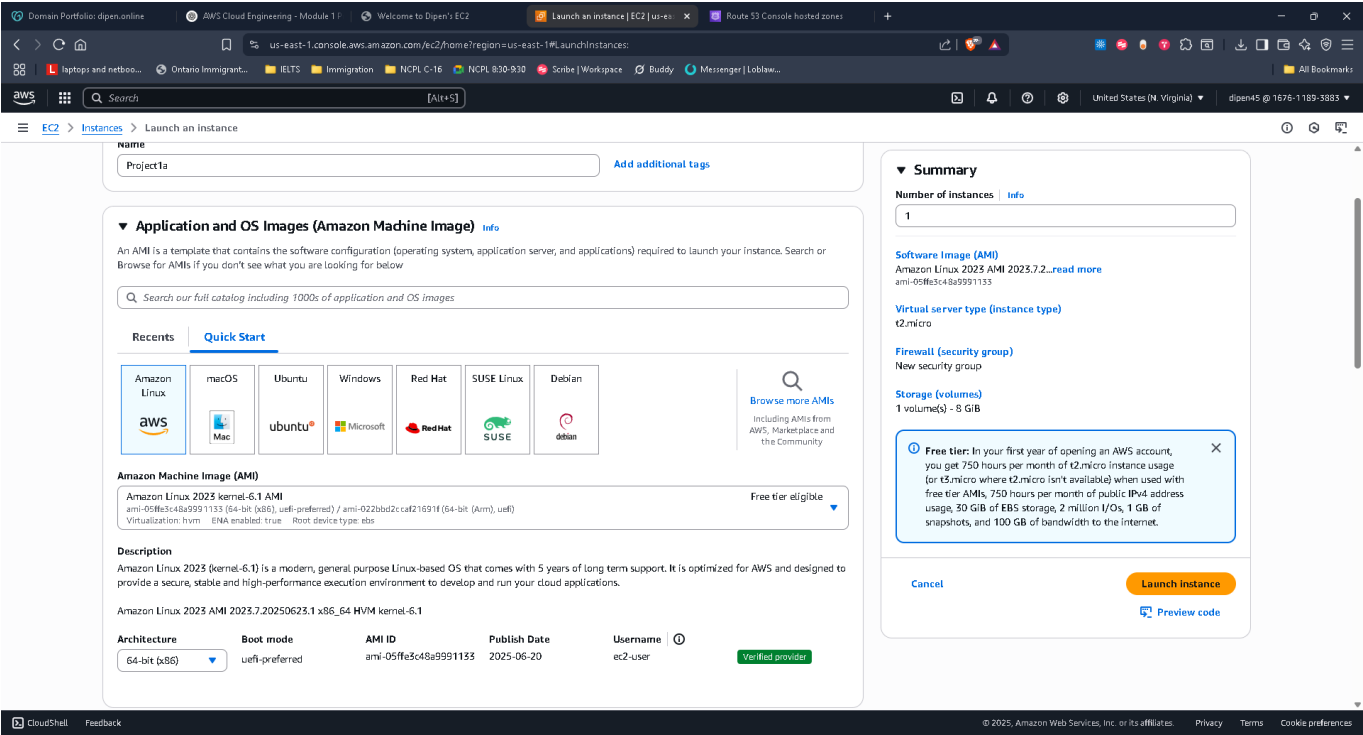
# **AWS Static Website Deployment (Project 1A)**

This document illustrates the steps taken to launch a static website on AWS EC2 using the AWS Management Console. The website was configured with a simple Apache server and a custom HTML landing page using a User Data script.

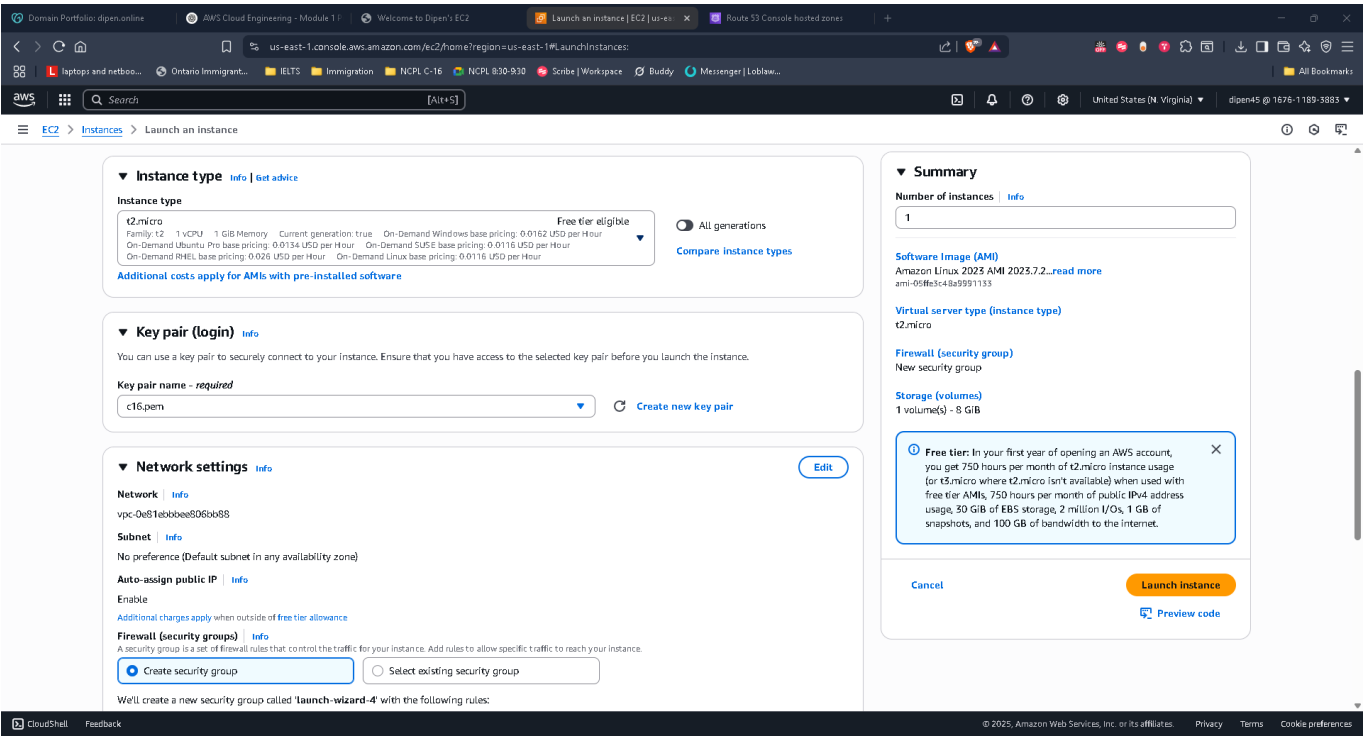
# Step 1: Access the EC2 Dashboard. This is the starting point for launching your instance.



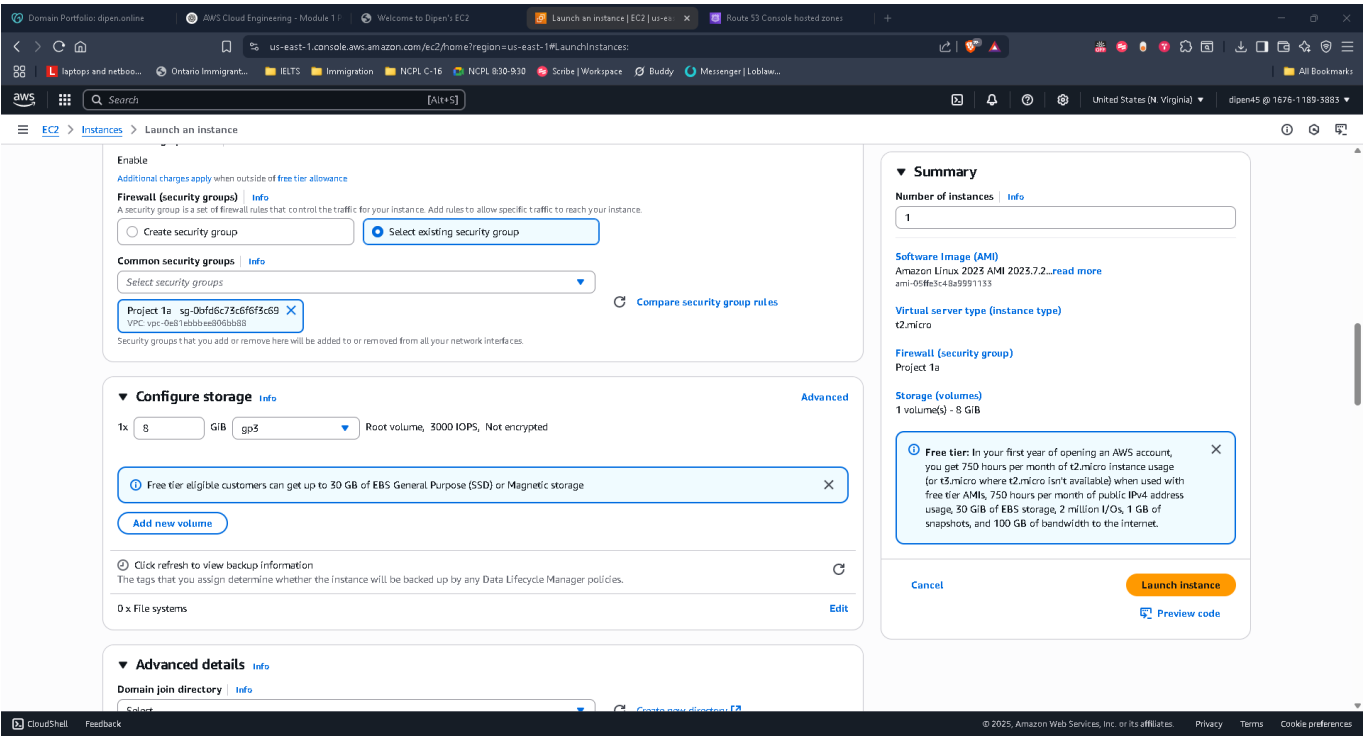
# Step 2: Select an Amazon Machine Image (AMI) and choose instance type (t2.micro).



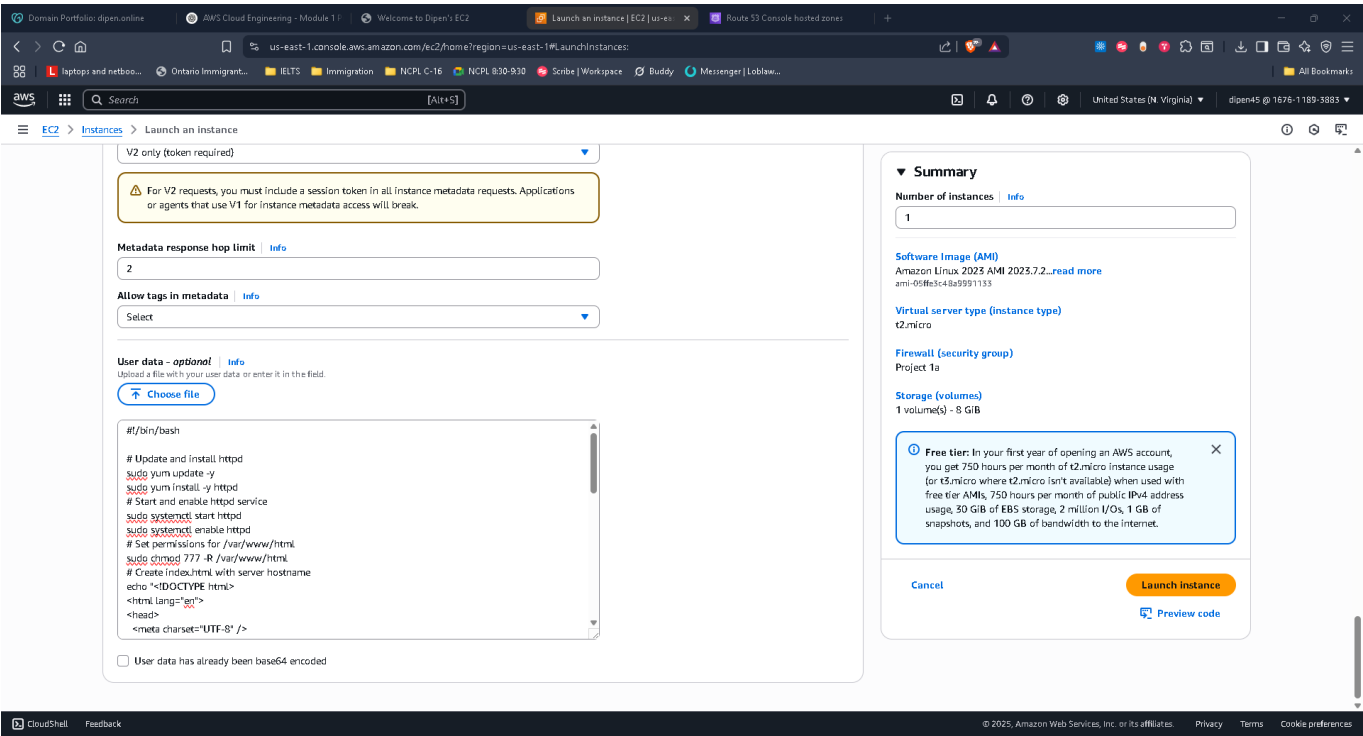
# Step 3: Set up key pair for SSH access and configure basic network settings.



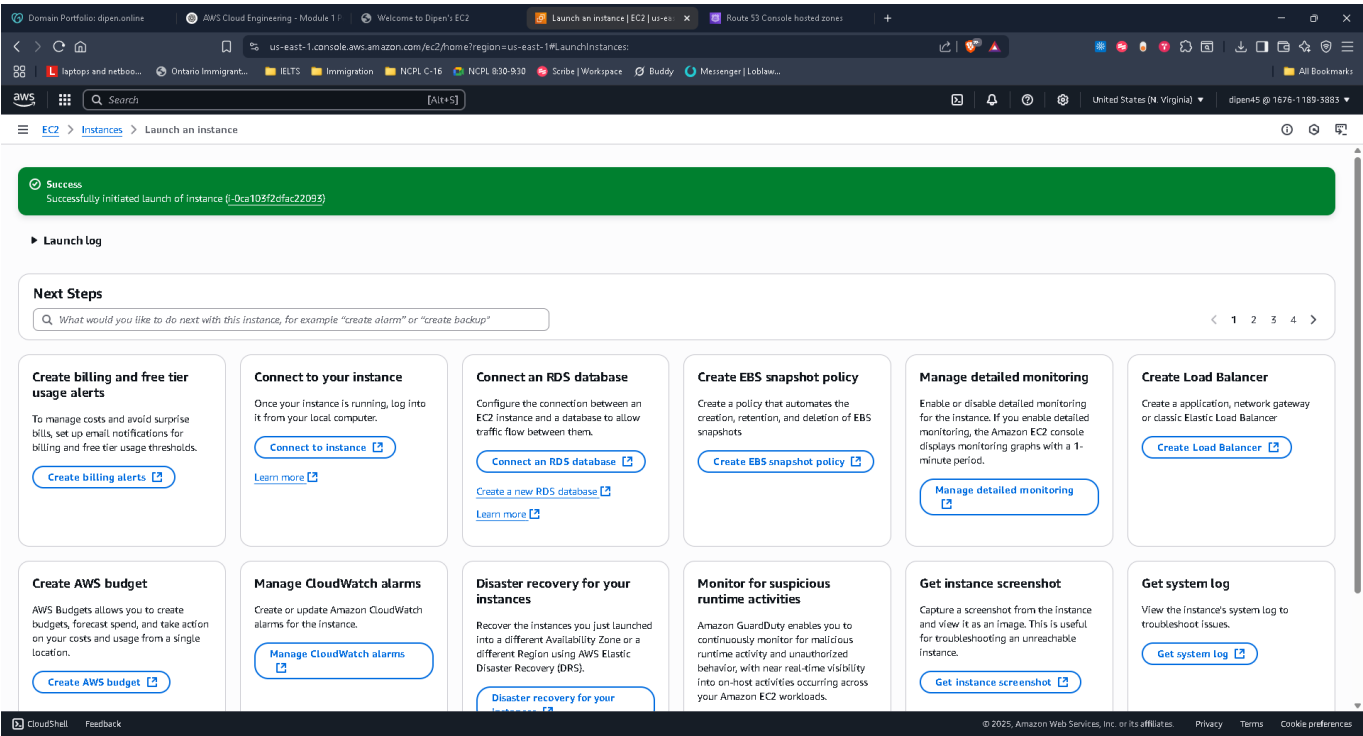
# Step 4: Configure the firewall (security group) and attach EBS storage.



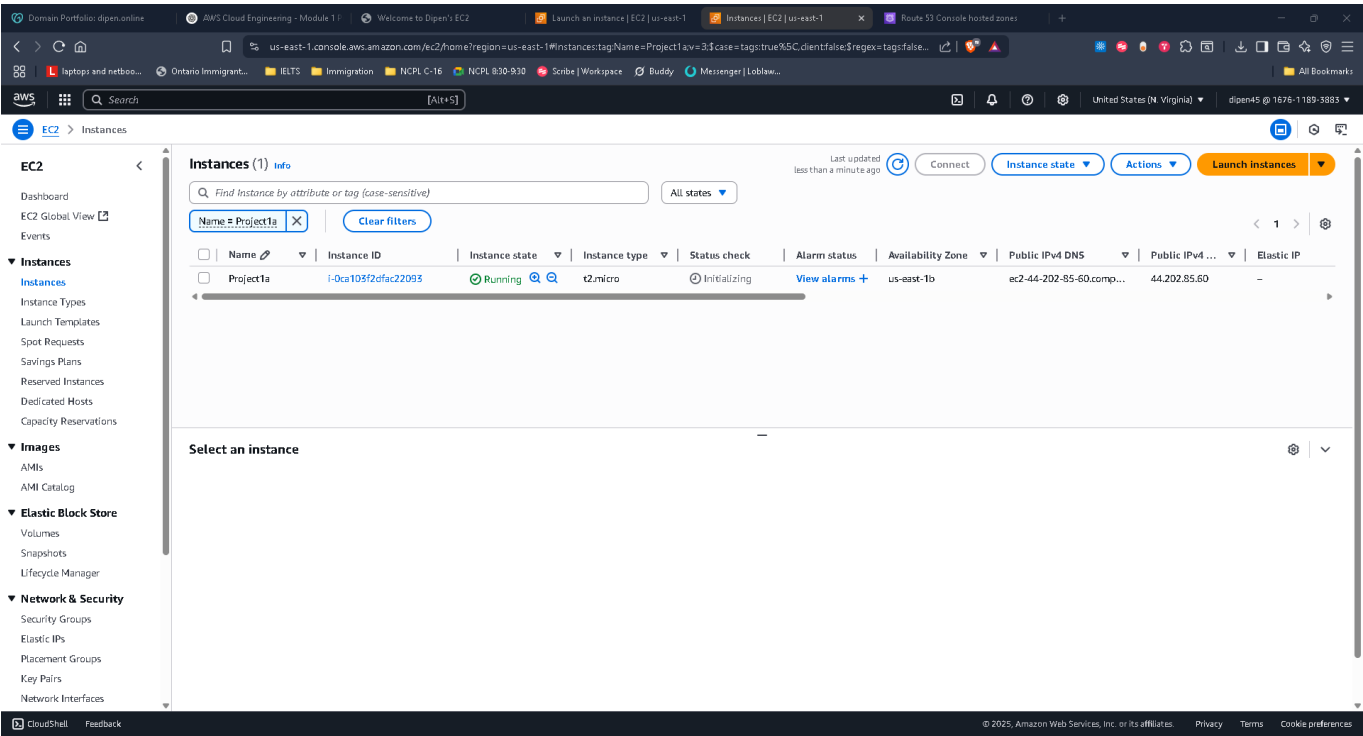
# Step 5: Enter a User Data script to install Apache and host your static webpage.



# Step 6: Confirm instance launch. AWS will begin provisioning your instance.



# Step 7: Verify instance is in 'running' state.





# Step 8: View instance details, including public IP and subnet.

Domain Portfolio: dipen.online

AWS Cloud Engineering - Module 1

Welcome to Dipen's EC2

Launch an instance | EC2 | us-east-1

Instance details | EC2 | us-east-1

Route 53 Console hosted zones

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-0ca103f2dfac22093

Search

United States (N. Virginia)

dipen45 @ 1676-1189-3883

EC2

Dashboard

EC2 Global View

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Instances

Instance Types

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Spot Requests

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Reserved Instances

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AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Instance summary for i-0ca103f2dfac22093 (Project1a)

Updated less than a minute ago

Instance ID

i-0ca103f2dfac22093

IPv6 address

-

Hostname type

IP name: ip-172-31-95-189.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

44.202.85.60 [Public IP]

IAM Role

-

IMDSv2

Required

Operator

-

Public IPv4 address

44.202.85.60 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-95-189.ec2.internal

Instance type

t2.micro

VPC ID

vpc-0e81ebbbec806bb88

Subnet ID

subnet-048d2c61bdc033f94

Instance ARN

arn:aws:ec2:us-east-1:167611893883:instance/i-0ca103f2dfac22093

Private IPv4 addresses

172.31.95.189

Public DNS

ec2-44-202-85-60.compute-1.amazonaws.com | open address

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Auto Scaling Group name

-

Managed

false

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance details

AMI ID

ami-05ffe5c48a9991133

AMI name

al2023-ami-2023.7.20250623.1-kernel:6.1-x86\_64

Monitoring

disabled

Allowed image

-

Platform details

Linux/UNIX

Termination protection

Disabled

CloudShell

Feedback

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Privacy

Terms

Cookie preferences

# Step 9: Review security group rules. Ensure HTTP (port 80) is allowed.

Domain Portfolio: dipen.online

AWS Cloud Engineering - Module 1

Welcome to Dipen's EC2

Launch an instance | EC2 | us-east-1

Instance details | EC2 | us-east-1

Route 53 Console hosted zones

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-0ca103f2dfac22093

laptops and netboo... Ontario Immigrant... IELTS Immigration NCPL C-16 NCPL B30-930 Scribe | Workspace Buddy Messenger | Loblaw...

Search [Alt+S]

United States (N. Virginia) dipen45 @ 1676-1189-3883

EC2

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Monitoring

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Networking

Storage

Tags

▼ Security details

IAM Role

Owner ID

Launch time

Security groups

sg-0b6dc73c68f3c69 (Project 1a)

▼ Inbound rules

Filter rules

< 1 >

Name	Security group rule ID	Port range	Protocol	Source	Security groups	Description
-	sgr-05766b4f0128712d7	80	TCP	0.0.0.0/0	<a href="#">Project 1a</a>	-
-	sgr-0accb8335041c0a78	22	TCP	0.0.0.0/0	<a href="#">Project 1a</a>	-

▼ Outbound rules

Filter rules

< 1 >

Name	Security group rule ID	Port range	Protocol	Destination	Security groups	Description
-	sgr-0dc60ad4ca3efe13b	All	All	0.0.0.0/0	<a href="#">Project 1a</a>	-

CloudShell

Feedback

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Step 10: Access the static site using the EC2 public IP.

