# Lesson 03 Demo 05

# Setting Up a Web Server on an EC2 Instance

**Objective:** To set up a web server on an EC2 instance, making it accessible via its public IPv4 address

**Tools required:** AWS Management Console

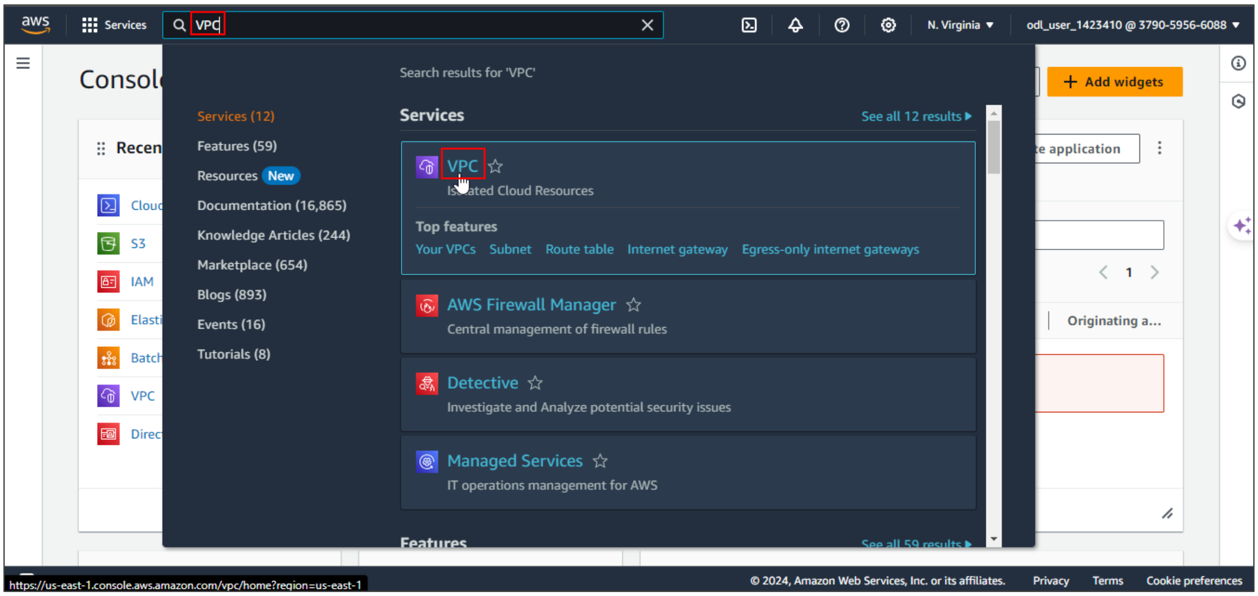
**Prerequisites:** NA

Steps to be followed:

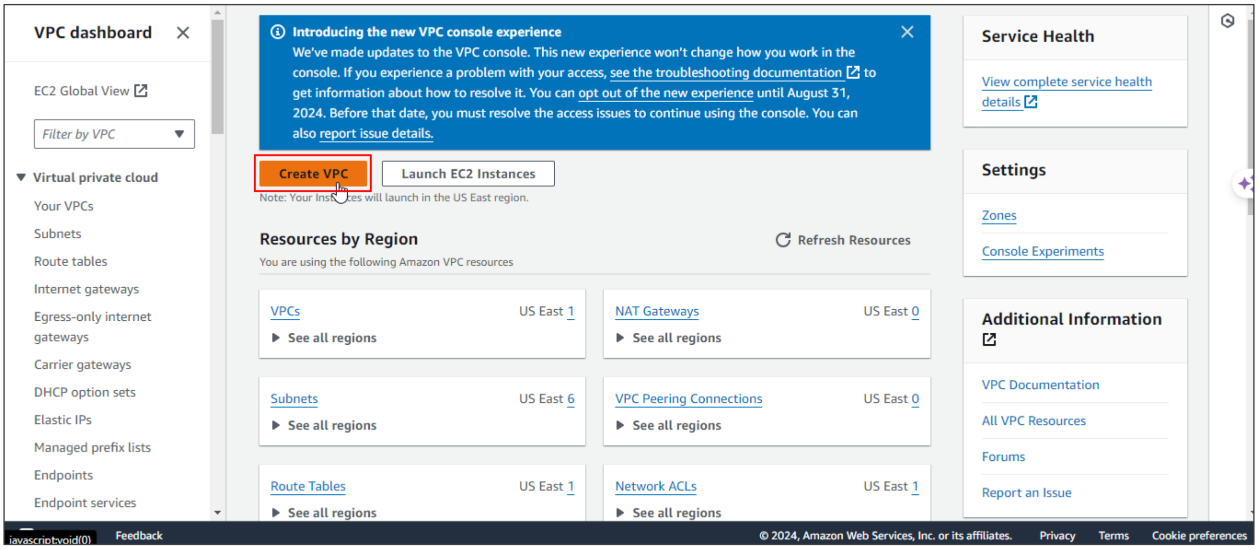
1. Create a VPC, a subnet, and an internet gateway
2. Create route tables
3. Create an EC2 web server instance

## Step 1: Create a VPC, a subnet, and an internet gateway

1.1 Navigate to the AWS console home dashboard, search for, and click on **VPC**



1.2 In the VPC dashboard, click on **Create VPC**



Introducing the new VPC console experience

We've made updates to the VPC console. This new experience won't change how you work in the console. If you experience a problem with your access, see the troubleshooting documentation to get information about how to resolve it. You can opt out of the new experience until August 31, 2024. Before that date, you must resolve the access issues to continue using the console. You can also report issue details.

Note: Your Instances will launch in the US East region.

Resources by Region

You are using the following Amazon VPC resources

| | |
|---|---|
| VPCs | US East 1 |
| NAT Gateways | US East 0 |
| Subnets | US East 6 |
| VPC Peering Connections | US East 0 |
| Route Tables | US East 1 |
| Network ACLs | US East 1 |

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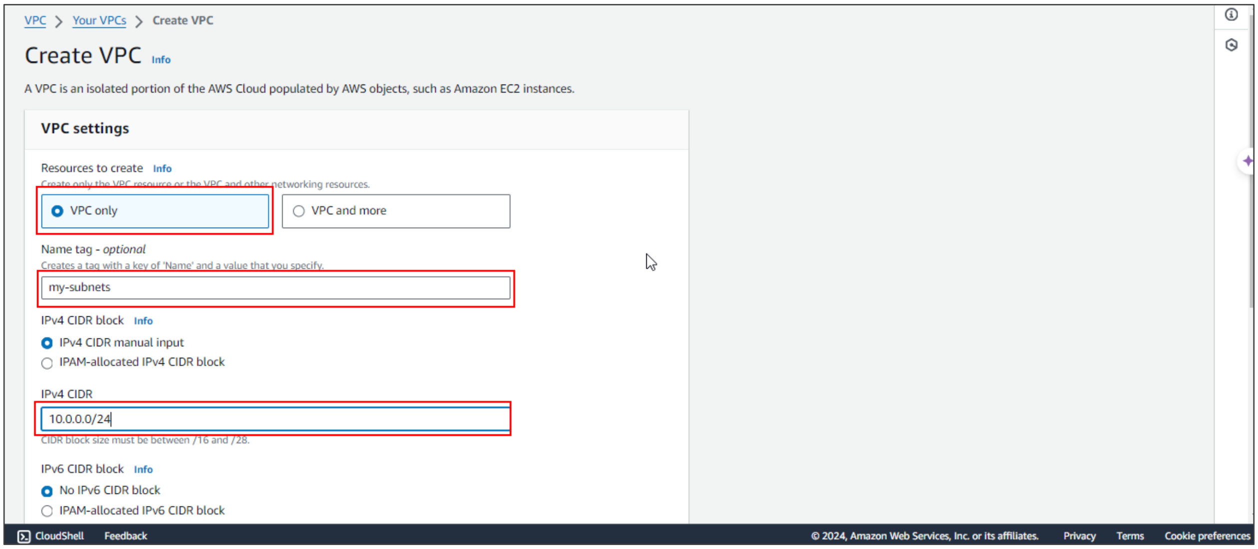
1.3 Select the **VPC only** option, add a name tag as **my-subnets,** and set the IPv4 CIDR to **10.0.0.0/24**



Create VPC

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

Resources to create: Create only the VPC resource or the VPC and other networking resources.
● VPC only ○ VPC and more

Name tag - *optional*: Creates a tag with a key of 'Name' and a value that you specify.
my-subnets

IPv4 CIDR block
● IPv4 CIDR manual input
○ IPAM-allocated IPv4 CIDR block

IPv4 CIDR
10.0.0.0/24
CIDR block size must be between /16 and /28.

IPv6 CIDR block
● No IPv6 CIDR block
○ IPAM-allocated IPv6 CIDR block

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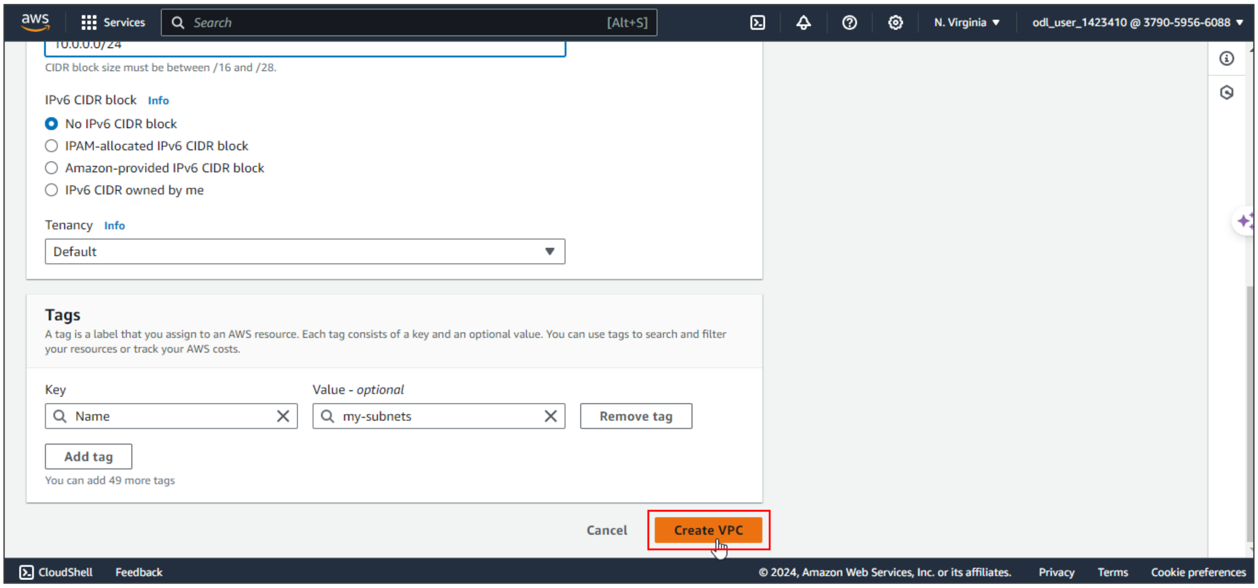
1.4 Click on **Create VPC**


aws
Services
Search
[Alt+S]
N. Virginia ▼
odl_user_1423410 @ 3790-5956-6088 ▼
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

10.0.0.0/24

CIDR block size must be between /16 and /28.

IPv6 CIDR block Info

● No IPv6 CIDR block
○ IPAM-allocated IPv6 CIDR block
○ Amazon-provided IPv6 CIDR block
○ IPv6 CIDR owned by me

Tenancy Info

Default ▼

**Tags**

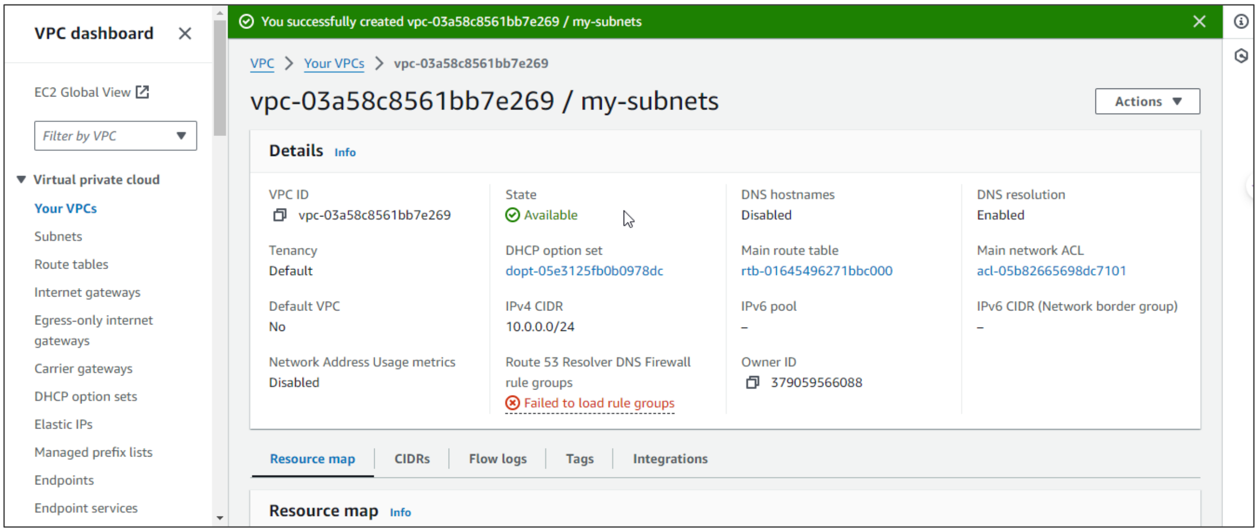
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

| Key | Value - *optional* | |
|---|---|---|
| Name | my-subnets | Remove tag |

Add tag

You can add 49 more tags

Cancel **Create VPC**



You successfully created vpc-03a58c8561bb7e269 / my-subnets

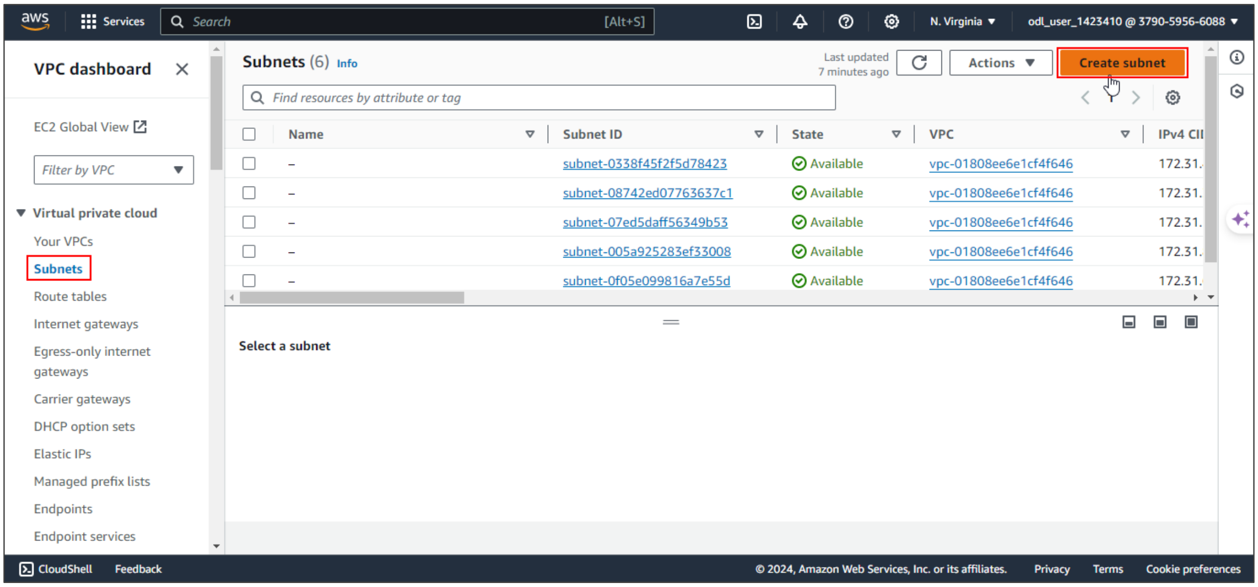
vpc-03a58c8561bb7e269 / my-subnets

**Details** Info

| | | | |
|---|---|---|---|
| VPC ID<br>vpc-03a58c8561bb7e269 | State<br>✓ Available | DNS hostnames<br>Disabled | DNS resolution<br>Enabled |
| Tenancy<br>Default | DHCP option set<br>dopt-05e3125fb0b0978dc | Main route table<br>rtb-01645496271bbc000 | Main network ACL<br>acl-05b82665698dc7101 |
| Default VPC<br>No | IPv4 CIDR<br>10.0.0.0/24 | IPv6 pool<br>– | IPv6 CIDR (Network border group)<br>– |
| Network Address Usage metrics<br>Disabled | Route 53 Resolver DNS Firewall rule groups<br>Failed to load rule groups | Owner ID<br>379059566088 | |

**Resource map** Info

1.5 Navigate to **Subnets** and click **Create subnet** as shown:

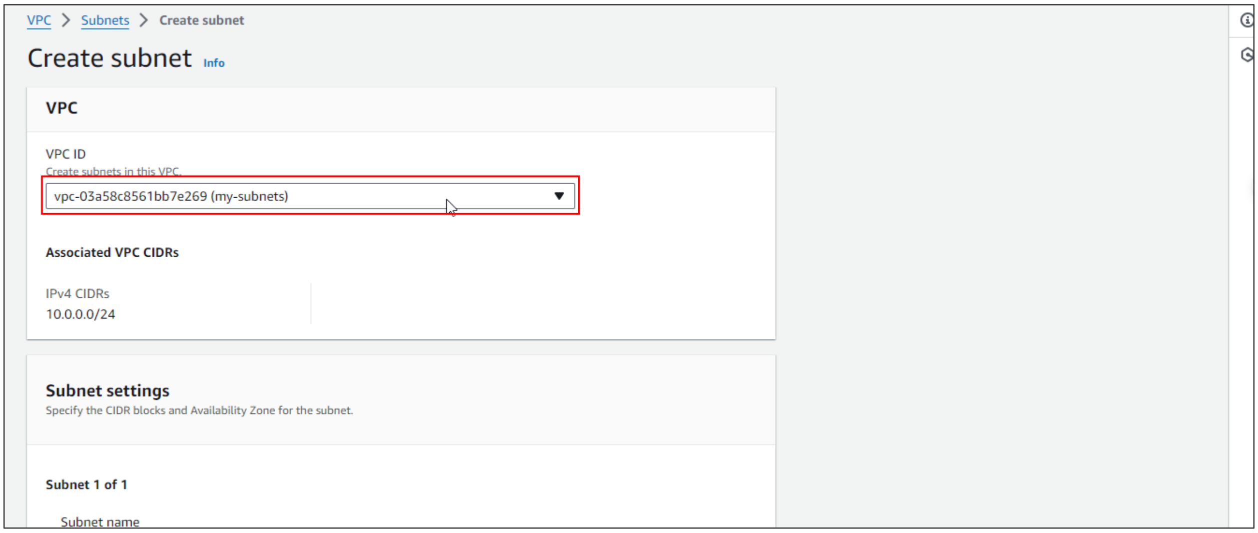


Subnets (6) Info

| | Name | Subnet ID | State | VPC | IPv4 CII |
|---|---|---|---|---|---|
| □ | – | subnet-0338f45f2f5d78423 | Available | vpc-01808ee6e1cf4f646 | 172.31. |
| □ | – | subnet-08742ed07763637c1 | Available | vpc-01808ee6e1cf4f646 | 172.31. |
| □ | – | subnet-07ed5daff56349b53 | Available | vpc-01808ee6e1cf4f646 | 172.31. |
| □ | – | subnet-005a925283ef33008 | Available | vpc-01808ee6e1cf4f646 | 172.31. |
| □ | – | subnet-0f05e099816a7e55d | Available | vpc-01808ee6e1cf4f646 | 172.31. |

Select a subnet

1.6 Select the previously created **VPC**, name the subnet as **my-subnets**, add an **IPv4 subnet CIDR block** for the subnet, such as **10.0.0.0/24,** and click on **Create subnet**



Create subnet Info

VPC

VPC ID
Create subnets in this VPC.
vpc-03a58c8561bb7e269 (my-subnets)

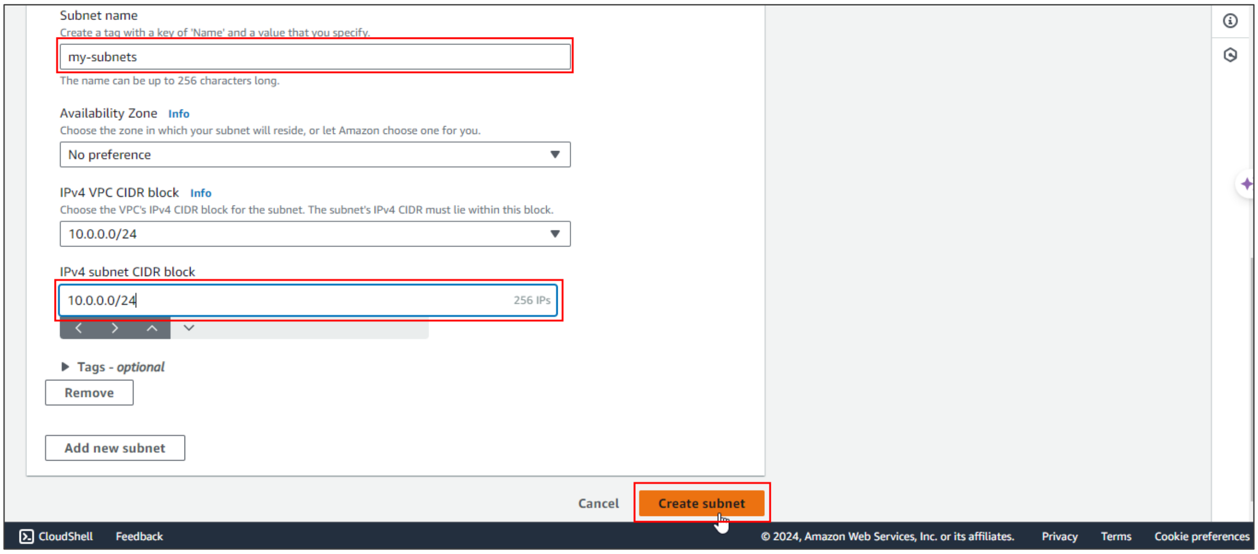
Associated VPC CIDRs

IPv4 CIDRs
10.0.0.0/24

Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name



Subnet name

Create a tag with a key of 'Name' and a value that you specify.

my-subnets

The name can be up to 256 characters long.

Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

No preference

IPv4 VPC CIDR block Info

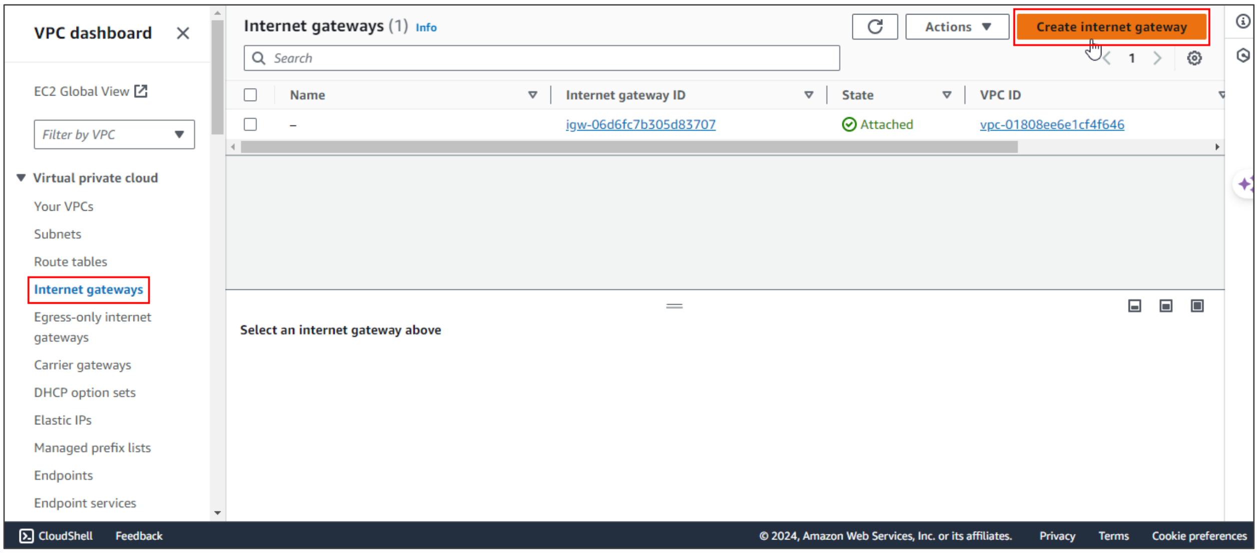
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

10.0.0.0/24

IPv4 subnet CIDR block

10.0.0.0/24 256 IPs

1.7 Navigate to the **Internet gateways**, and click on **Create internet gateway**

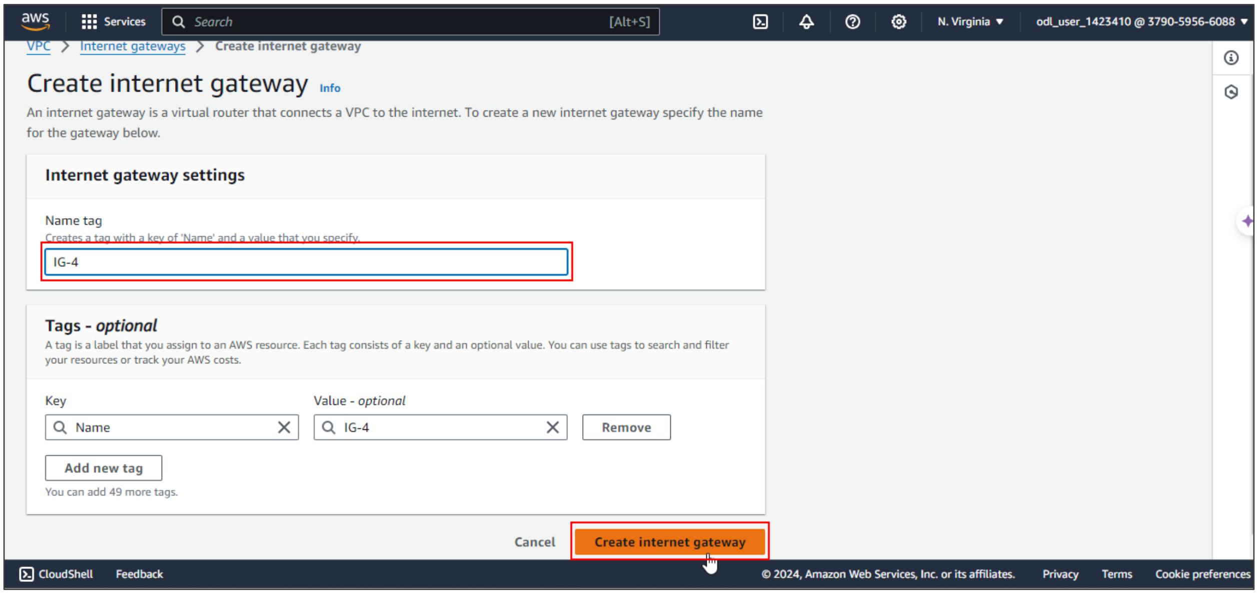


Internet gateways (1) Info

| | Name | Internet gateway ID | State | VPC ID |
|---|---|---|---|---|
| □ | – | igw-06d6fc7b305d83707 | Attached | vpc-01808ee6e1cf4f646 |

Select an internet gateway above

1.8 Add a name as **IG-4**, and click on **Create internet gateway**


aws
Services
Search
[Alt+S]
N. Virginia
odl_user_1423410 @ 3790-5956-6088
VPC > Internet gateways > Create internet gateway
Cancel
Create internet gateway
CloudShell
Feedback
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Privacy
Terms
Cookie preferences

Create internet gateway Info

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

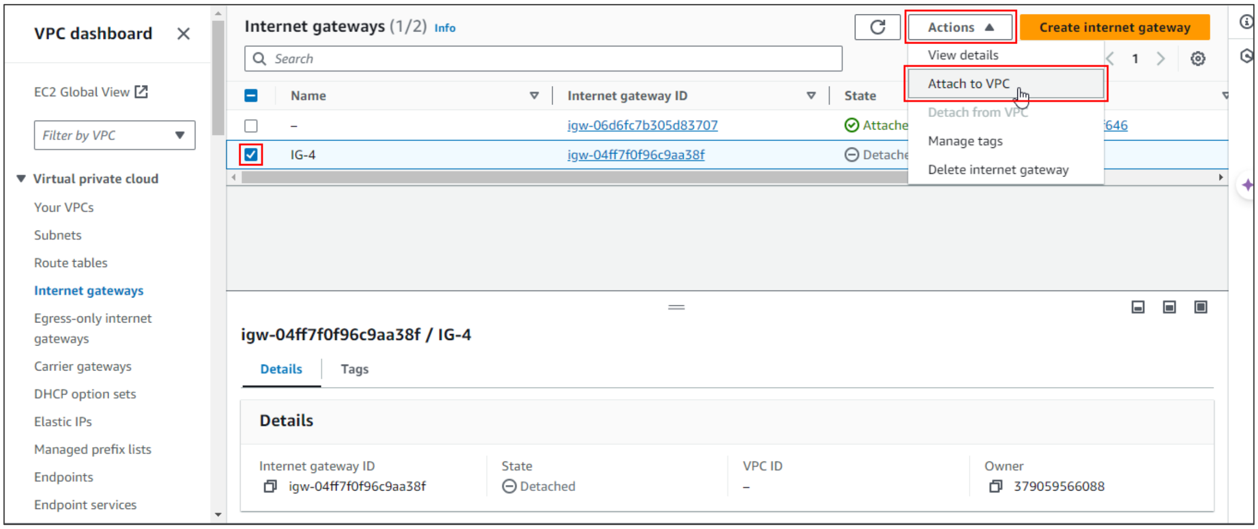
Name tag
Creates a tag with a key of 'Name' and a value that you specify.
IG-4

Tags - *optional*
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

| Key | Value - *optional* |
|---|---|
| Name | IG-4 |

Add new tag
You can add 49 more tags.

1.9 Select the created internet gateway, click on **Actions**, and select the **Attach to VPC** option



Internet gateways (1/2) Info

| | Name | Internet gateway ID | State |
|---|---|---|---|
| □ | – | igw-06d6fc7b305d83707 | Attache |
| ☑ | IG-4 | igw-04ff7f0f96c9aa38f | Detache |

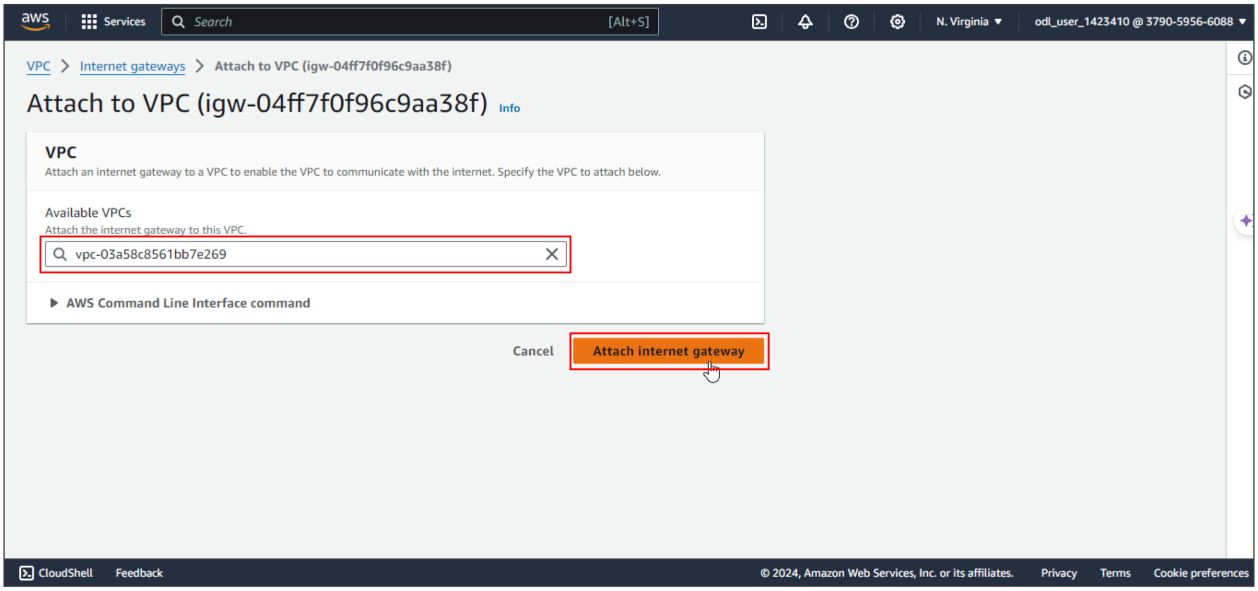
igw-04ff7f0f96c9aa38f / IG-4

Details | Tags

Details

| Internet gateway ID | State | VPC ID | Owner |
|---|---|---|---|
| igw-04ff7f0f96c9aa38f | Detached | – | 379059566088 |

1.10 Select the **Available VPCs**, and click on **Attach internet gateway**



VPC > Internet gateways > Attach to VPC (igw-04ff7f0f96c9aa38f)

Attach to VPC (igw-04ff7f0f96c9aa38f) Info

VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

Available VPCs

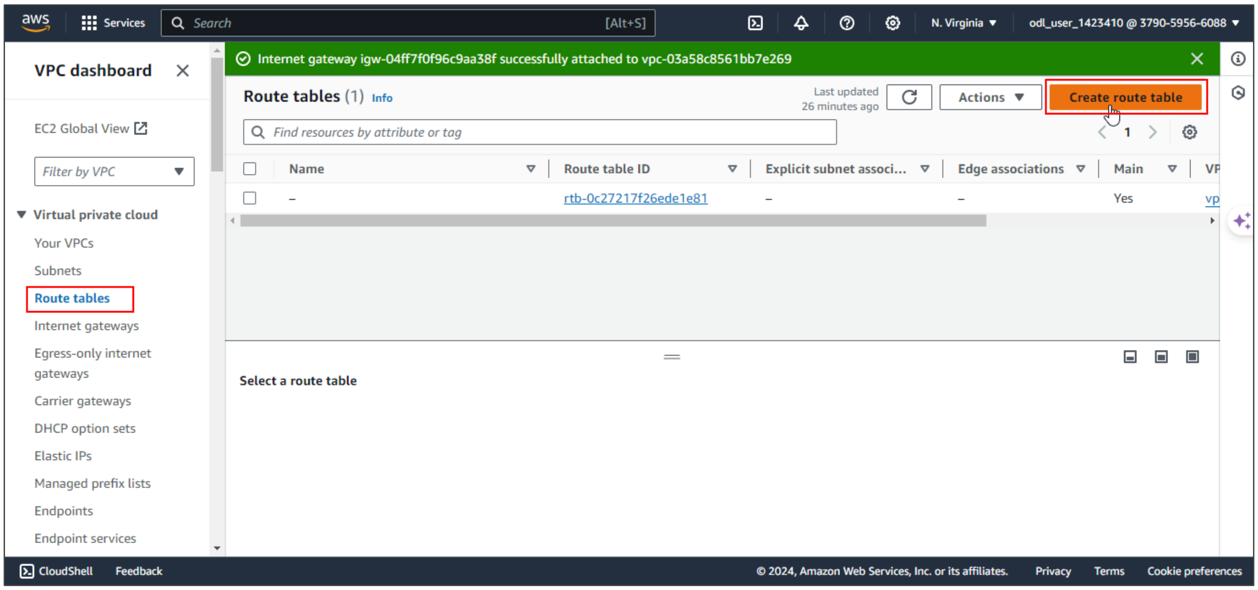
Attach the internet gateway to this VPC.

vpc-03a58c8561bb7e269

▶ AWS Command Line Interface command

## Step 2: Create route tables

2.1 Navigate to **Route tables**, and click on **Create route table**



Internet gateway igw-04ff7f0f96c9aa38f successfully attached to vpc-03a58c8561bb7e269

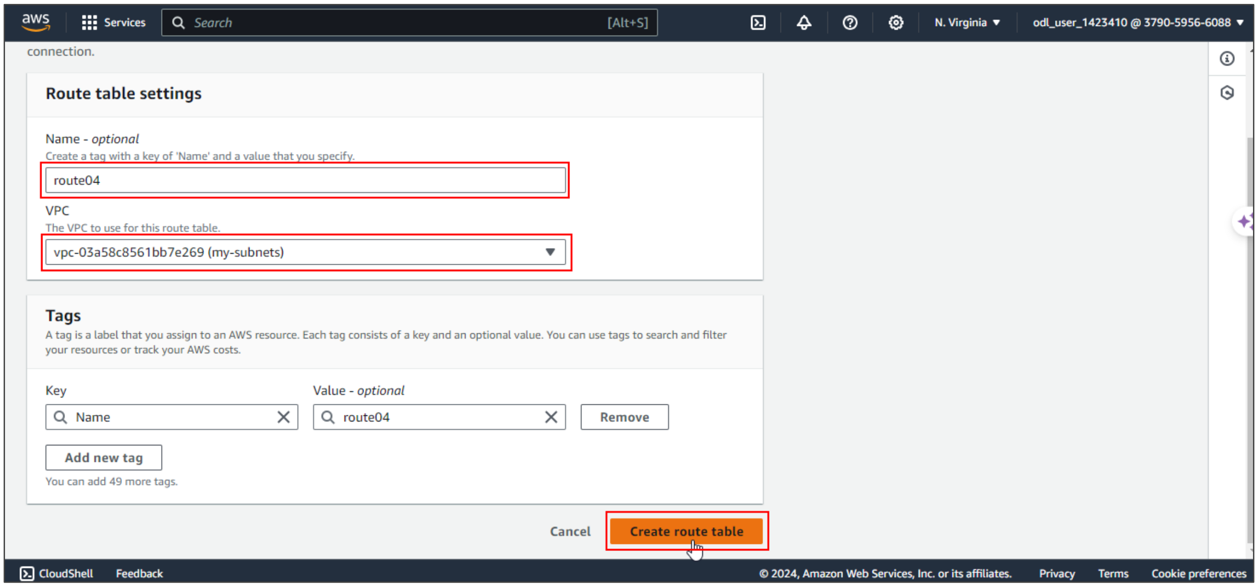
Route tables (1) Info

Last updated 26 minutes ago

| □ | Name | Route table ID | Explicit subnet associ... | Edge associations | Main | VP |
|---|---|---|---|---|---|---|
| □ | – | rtb-0c27217f26ede1e81 | – | – | Yes | vp |

Select a route table

2.2 Name the route table as **route04**, select the VPC, and click on **Create route table**



Route table settings

Name - *optional*

Create a tag with a key of 'Name' and a value that you specify.

route04

VPC

The VPC to use for this route table.

vpc-03a58c8561bb7e269 (my-subnets)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

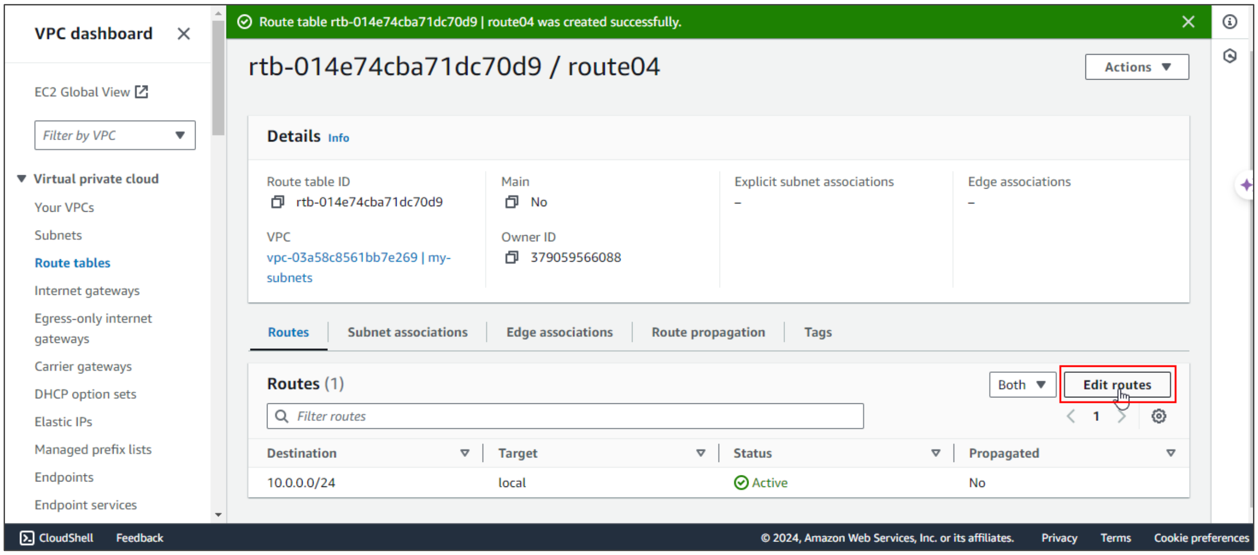
| Key | Value - *optional* | |
|---|---|---|
| Name | route04 | Remove |

Add new tag

You can add 49 more tags.

Cancel | Create route table

2.3 Click on **Edit routes**



Route table rtb-014e74cba71dc70d9 | route04 was created successfully.

rtb-014e74cba71dc70d9 / route04

Actions

Details Info

| Route table ID | Main | Explicit subnet associations | Edge associations |
|---|---|---|---|
| rtb-014e74cba71dc70d9 | No | – | – |
| VPC | Owner ID | | |
| vpc-03a58c8561bb7e269 \| my-subnets | 379059566088 | | |

Routes | Subnet associations | Edge associations | Route propagation | Tags

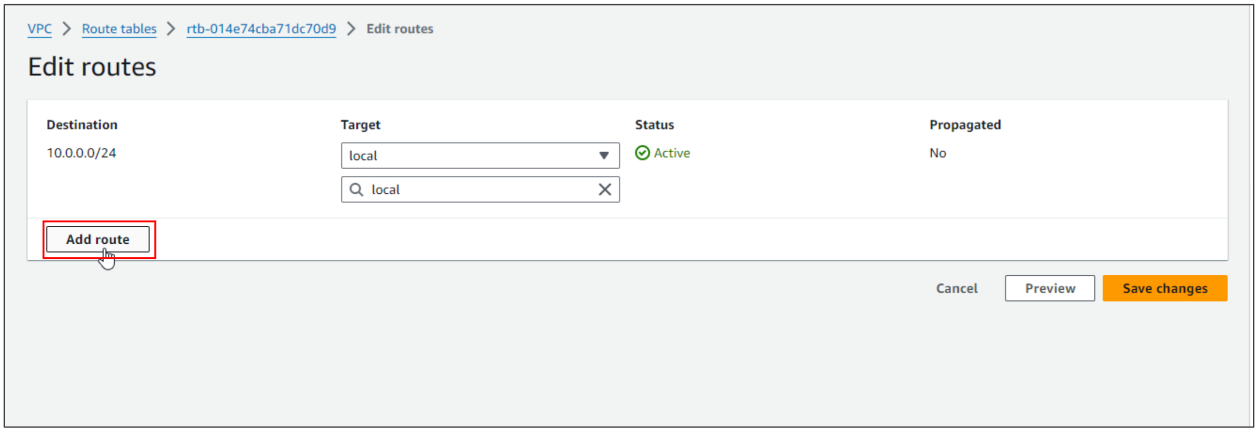
Routes (1)

Both | Edit routes

Filter routes

| Destination | Target | Status | Propagated |
|---|---|---|---|
| 10.0.0.0/24 | local | Active | No |

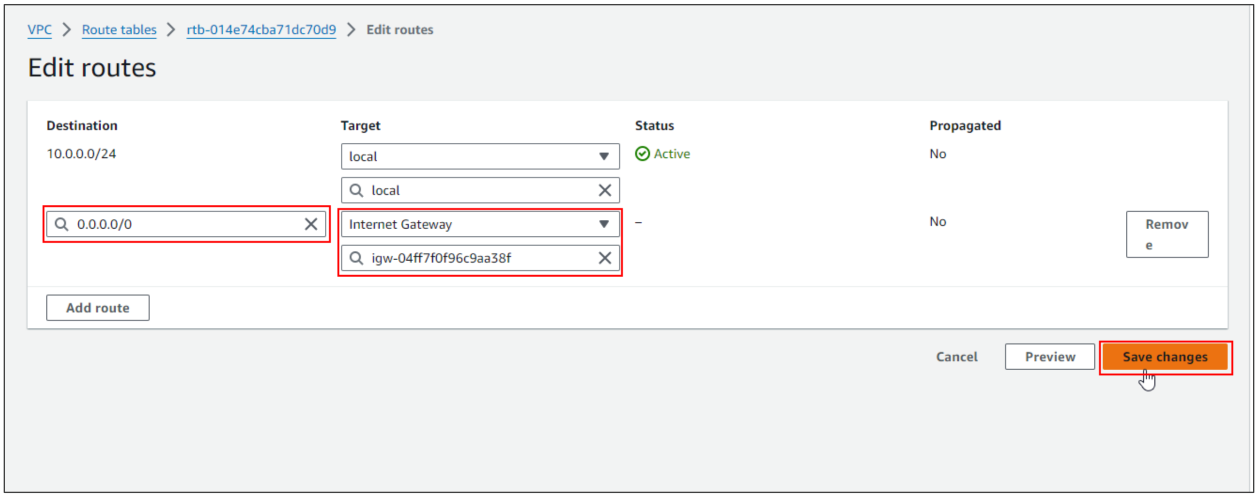
2.4 Click on **Add route**



Edit routes

| Destination | Target | Status | Propagated |
|---|---|---|---|
| 10.0.0.0/24 | local<br>local | Active | No |

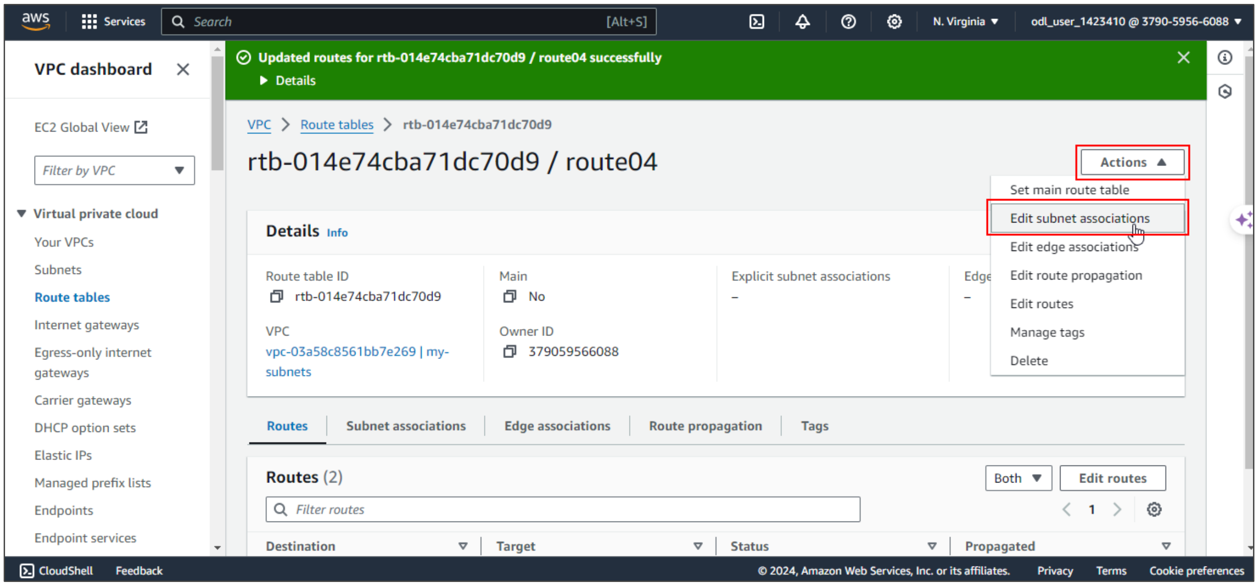
2.5 Add the destination value as **0.0.0.0/0**, set the target as **Internet Gateway,** select the previously created internet gateway**,** and click on **Save changes**



Edit routes

| Destination | Target | Status | Propagated |
|---|---|---|---|
| 10.0.0.0/24 | local<br>local | Active | No |
| 0.0.0.0/0 | Internet Gateway<br>igw-04ff7f0f96c9aa38f | – | No |

2.6 Click on **Actions** and select **Edit subnet associations**



Updated routes for rtb-014e74cba71dc70d9 / route04 successfully

Details

VPC > Route tables > rtb-014e74cba71dc70d9

rtb-014e74cba71dc70d9 / route04

Details Info

Route table ID: rtb-014e74cba71dc70d9

Main: No

Explicit subnet associations: –

Edge: –

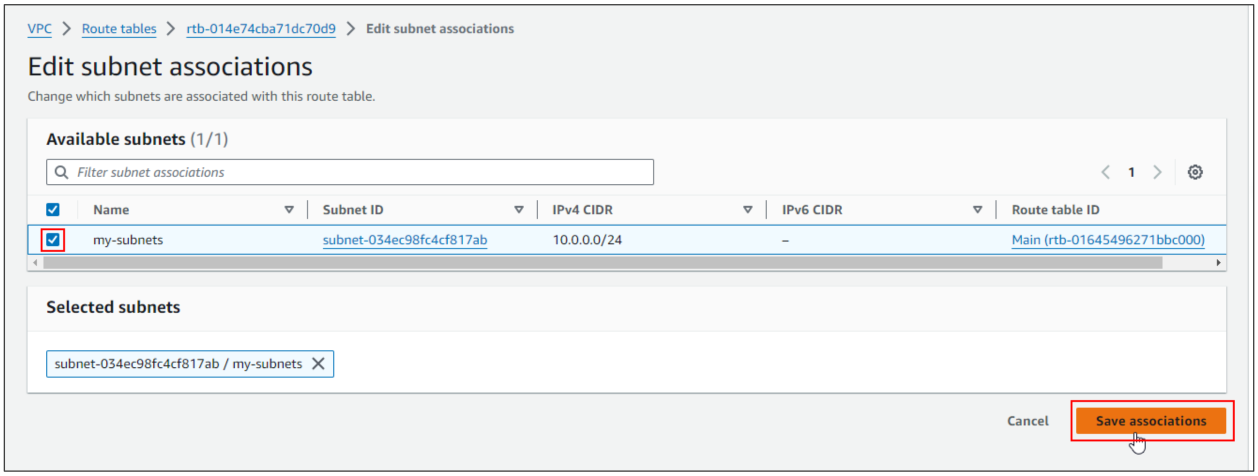
VPC: vpc-03a58c8561bb7e269 | my-subnets

Owner ID: 379059566088

Routes (2)

| Destination | Target | Status | Propagated |
|---|---|---|---|

2.7 Select the subnet and click on **Save associations**



VPC > Route tables > rtb-014e74cba71dc70d9 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/1)

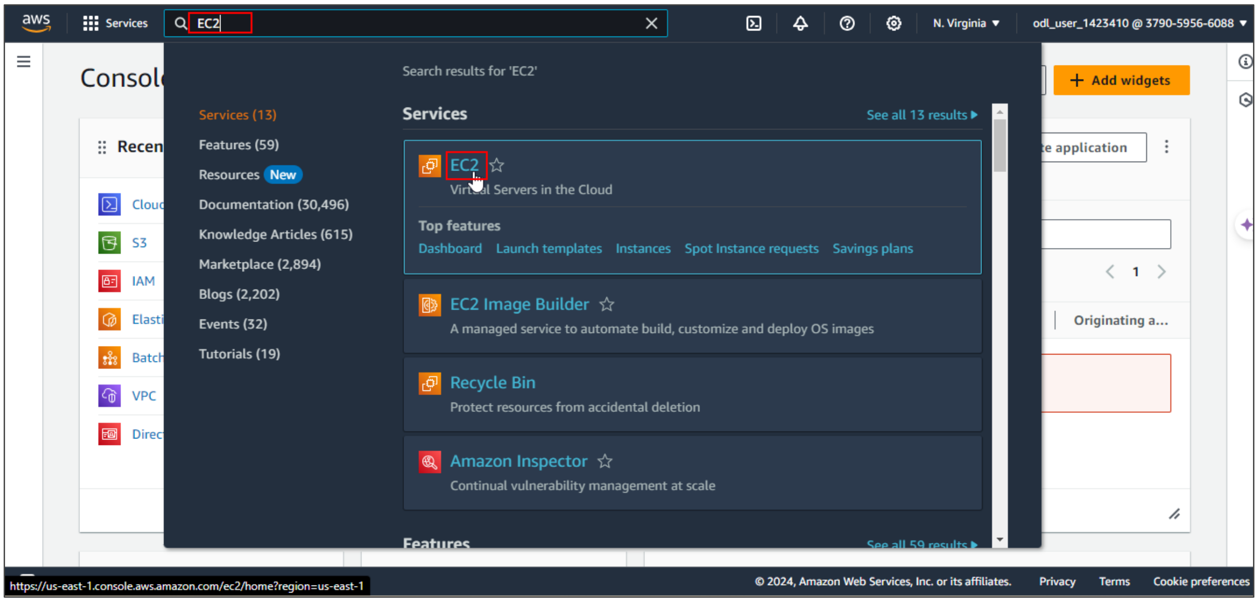
| ☑ | Name | Subnet ID | IPv4 CIDR | IPv6 CIDR | Route table ID |
|---|---|---|---|---|---|
| ☑ | my-subnets | subnet-034ec98fc4cf817ab | 10.0.0.0/24 | – | Main (rtb-01645496271bbc000) |

Selected subnets

subnet-034ec98fc4cf817ab / my-subnets

## Step 3: Create an EC2 web server instance

3.1 Navigate to the AWS console home dashboard, search for and click on **EC2** as shown:



Search results for 'EC2'

EC2 — Virtual Servers in the Cloud

EC2 Image Builder — A managed service to automate build, customize and deploy OS images

Recycle Bin — Protect resources from accidental deletion

Amazon Inspector — Continual vulnerability management at scale

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1

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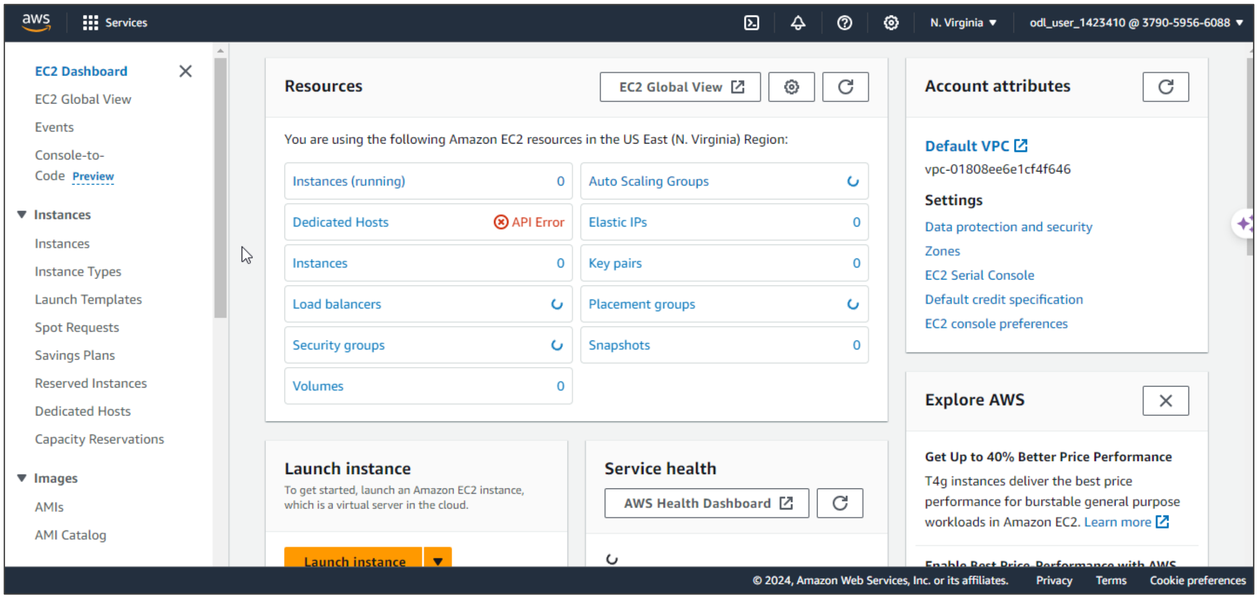
You will see the following interface:



You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

| | | | |
|---|---|---|---|
| Instances (running) | 0 | Auto Scaling Groups | |
| Dedicated Hosts | API Error | Elastic IPs | 0 |
| Instances | 0 | Key pairs | 0 |
| Load balancers | | Placement groups | |
| Security groups | | Snapshots | 0 |
| Volumes | 0 | | |

Default VPC: vpc-01808ee6e1cf4f646

Launch instance: To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

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T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. Learn more

Enable Best Price-Performance with AWS

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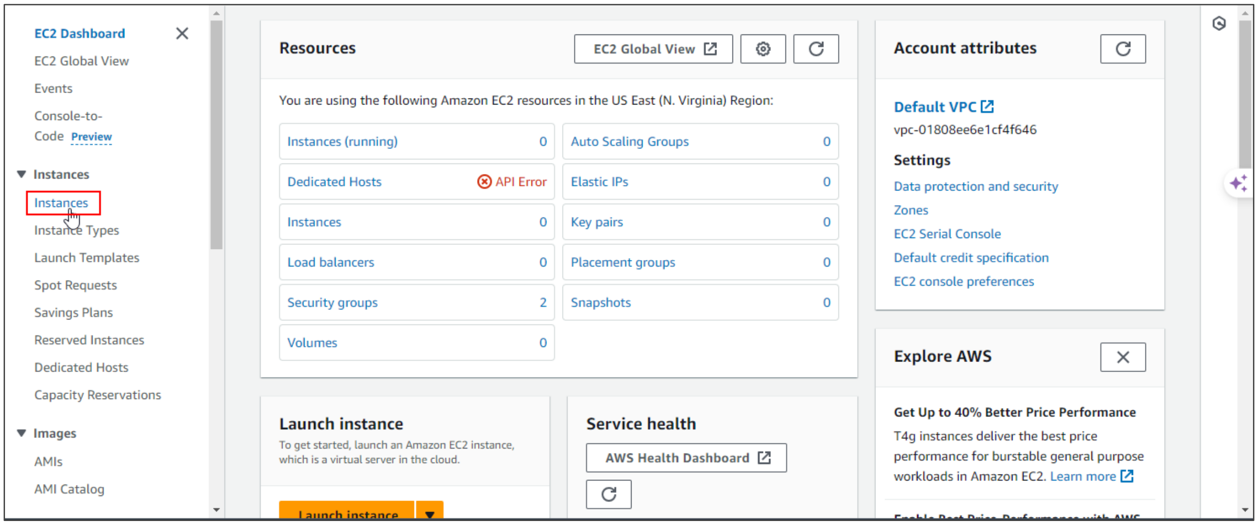
3.2 Click on **Instances** on the left pane



You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

| | | | |
|---|---|---|---|
| Instances (running) | 0 | Auto Scaling Groups | 0 |
| Dedicated Hosts | API Error | Elastic IPs | 0 |
| Instances | 0 | Key pairs | 0 |
| Load balancers | 0 | Placement groups | 0 |
| Security groups | 2 | Snapshots | 0 |
| Volumes | 0 | | |

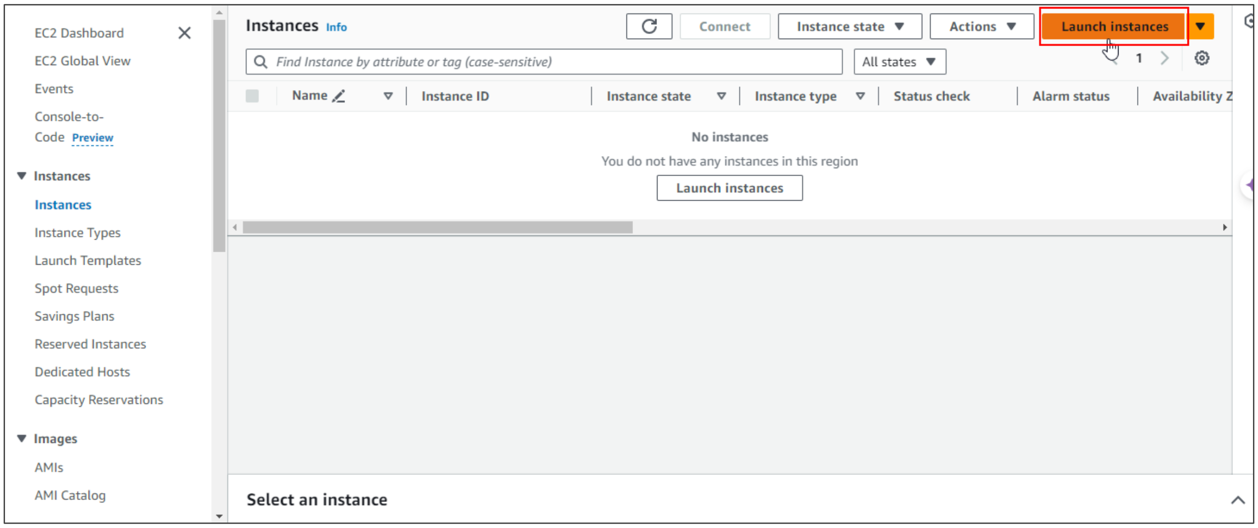
Default VPC
vpc-01808ee6e1cf4f646

Settings
Data protection and security
Zones
EC2 Serial Console
Default credit specification
EC2 console preferences

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Get Up to 40% Better Price Performance
T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. Learn more

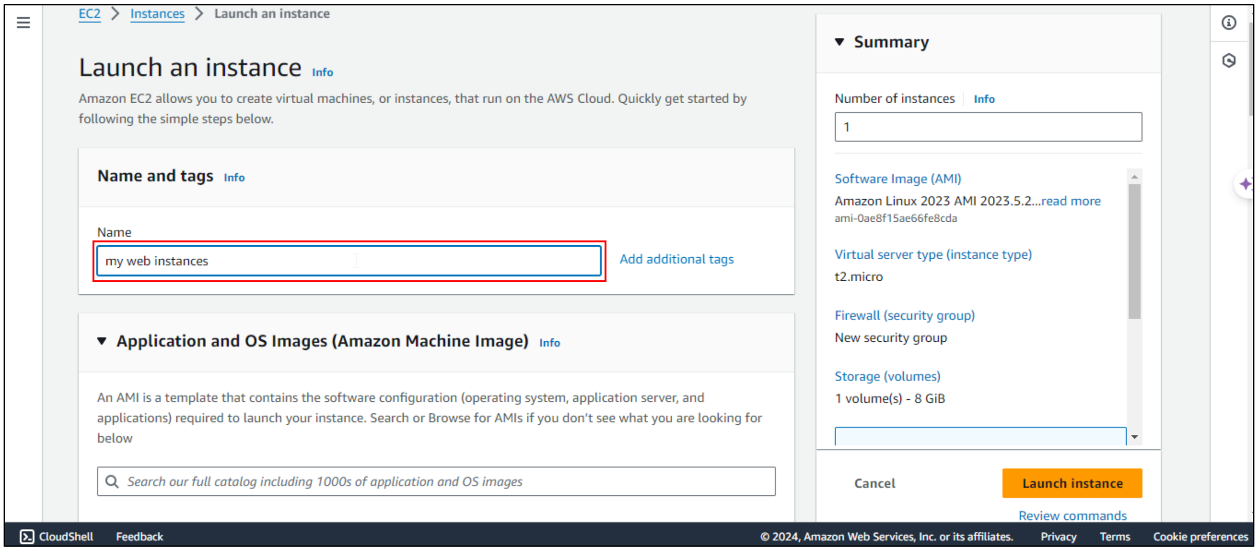
3.3 Click on **Launch instances** as shown:



| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Z |
|---|---|---|---|---|---|---|

No instances
You do not have any instances in this region

3.4 Provide the instance name, such as **my web instances**



EC2 > Instances > Launch an instance

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

Name: my web instances

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search our full catalog including 1000s of application and OS images

▼ Summary

Number of instances Info: 1

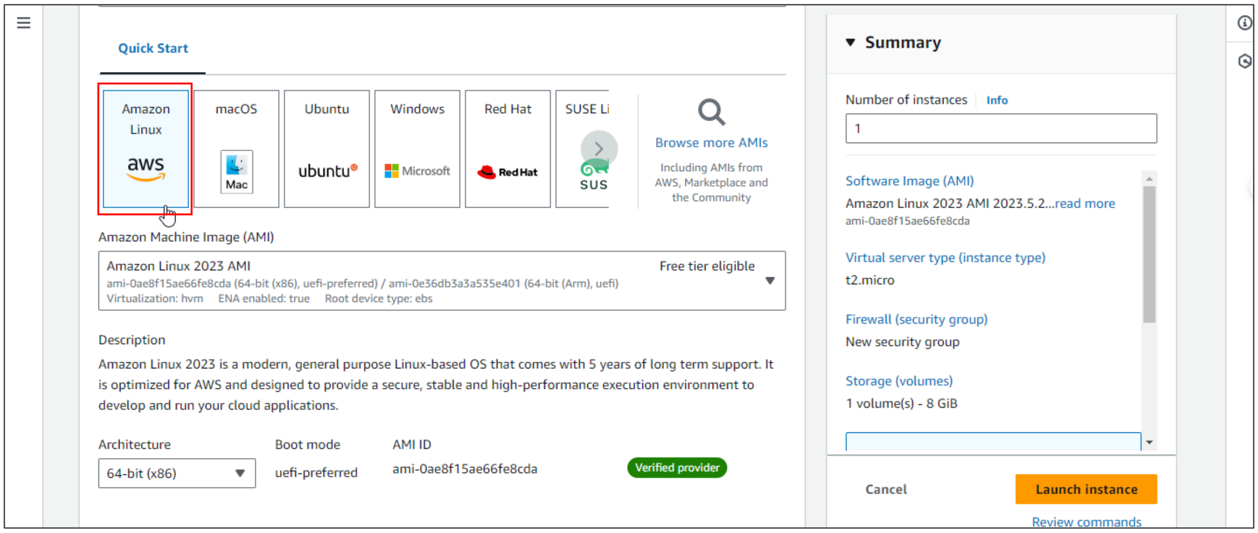
Software Image (AMI): Amazon Linux 2023 AMI 2023.5.2...read more ami-0ae8f15ae66fe8cda

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 8 GiB

3.5 Select **Amazon Linux** as the OS image



Amazon Machine Image (AMI)

Amazon Linux 2023 AMI — Free tier eligible
ami-0ae8f15ae66fe8cda (64-bit (x86), uefi-preferred) / ami-0e36db3a3a535e401 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

| Architecture | Boot mode | AMI ID | |
|---|---|---|---|
| 64-bit (x86) | uefi-preferred | ami-0ae8f15ae66fe8cda | Verified provider |

▼ Summary

Number of instances Info: 1

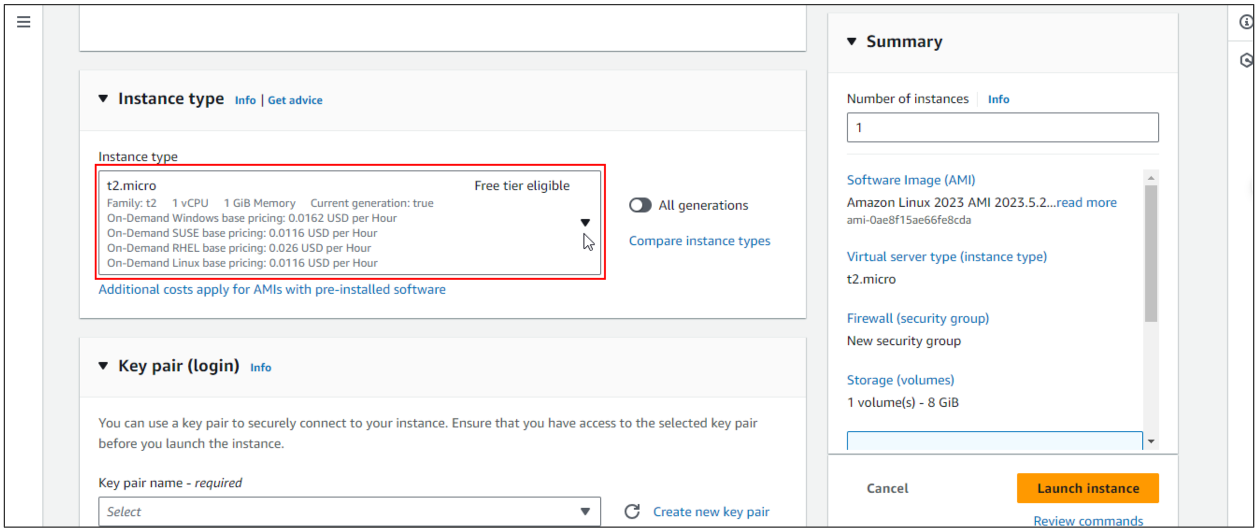
Software Image (AMI): Amazon Linux 2023 AMI 2023.5.2...read more ami-0ae8f15ae66fe8cda

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 8 GiB

3.6 Choose **t2.micro** as the instance type



Instance type Info | Get advice

Instance type

t2.micro Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

Additional costs apply for AMIs with pre-installed software

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select

Summary

Number of instances Info

1

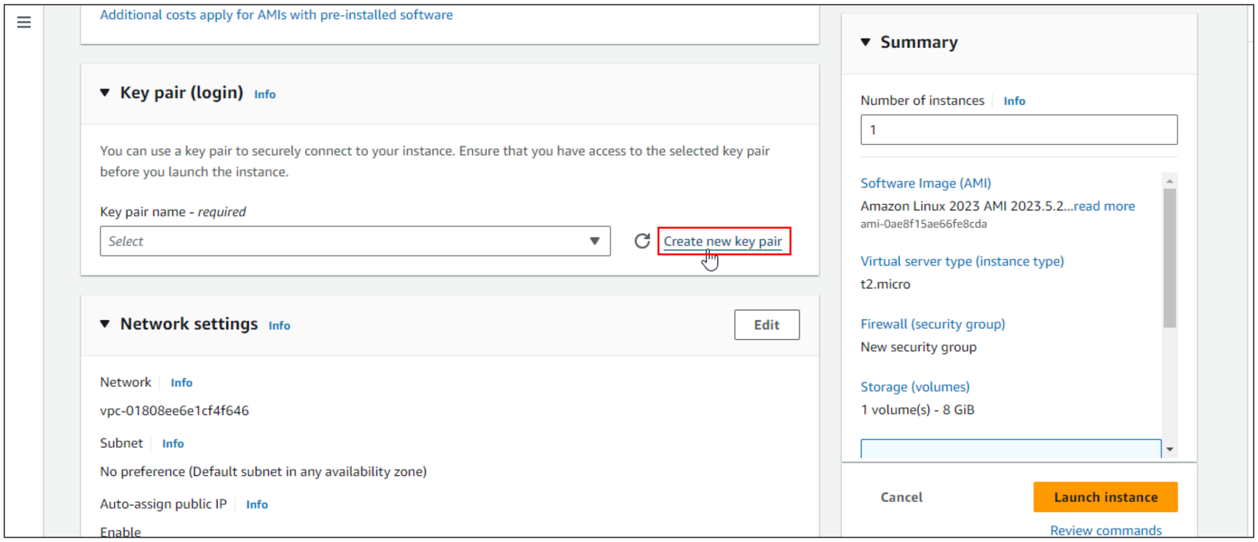
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ae8f15ae66fe8cda

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

3.7 Click on **Create new key pair,** add **my web instances** as key pair name, select the required private key file format, and click on **Create key pair**



Additional costs apply for AMIs with pre-installed software

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select

Network settings Info

Network Info
vpc-01808ee6e1cf4f646

Subnet Info
No preference (Default subnet in any availability zone)

Auto-assign public IP Info
Enable

Summary

Number of instances Info

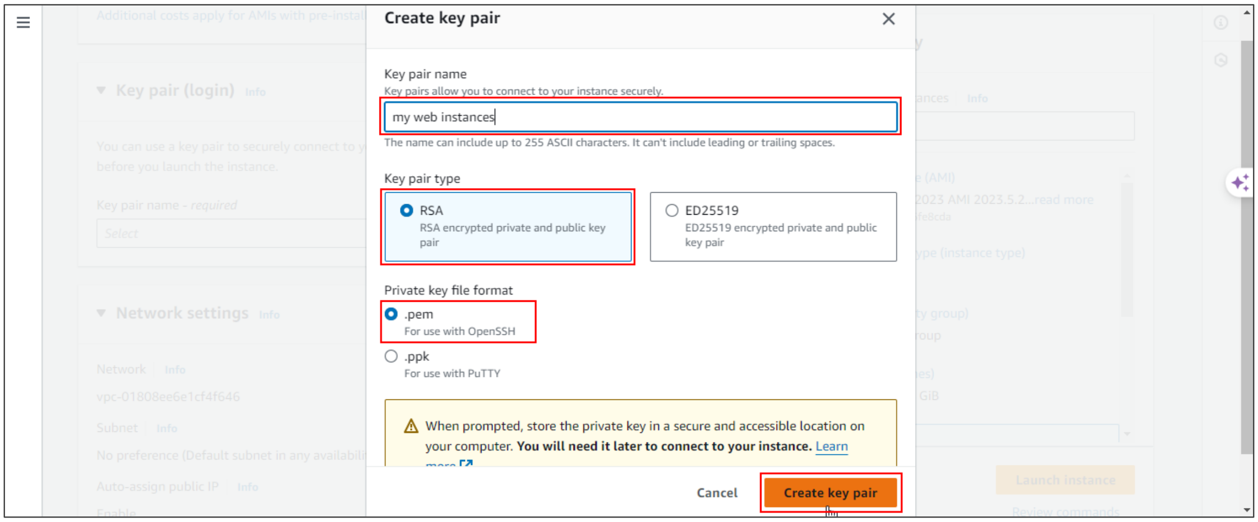
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ae8f15ae66fe8cda

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB



**Create key pair**

Key pair name

Key pairs allow you to connect to your instance securely.

my web instances

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

● RSA
RSA encrypted private and public key pair

○ ED25519
ED25519 encrypted private and public key pair

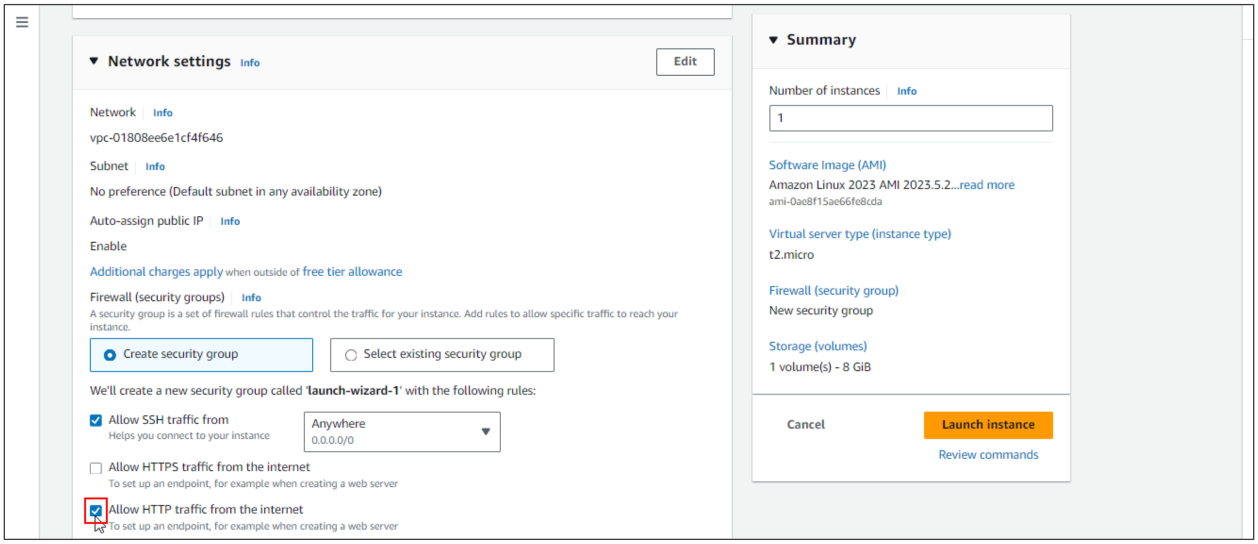
Private key file format

● .pem
For use with OpenSSH

○ .ppk
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** Learn more

3.8 Click on the **Allow HTTP traffic from the internet** checkbox as shown:



**Network settings** Info

Network | Info
vpc-01808ee6e1cf4f646

Subnet | Info
No preference (Default subnet in any availability zone)

Auto-assign public IP | Info
Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) | Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

☑ Allow SSH traffic from — Anywhere 0.0.0.0/0
Helps you connect to your instance

☐ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

☑ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

**Summary**

Number of instances | Info
1

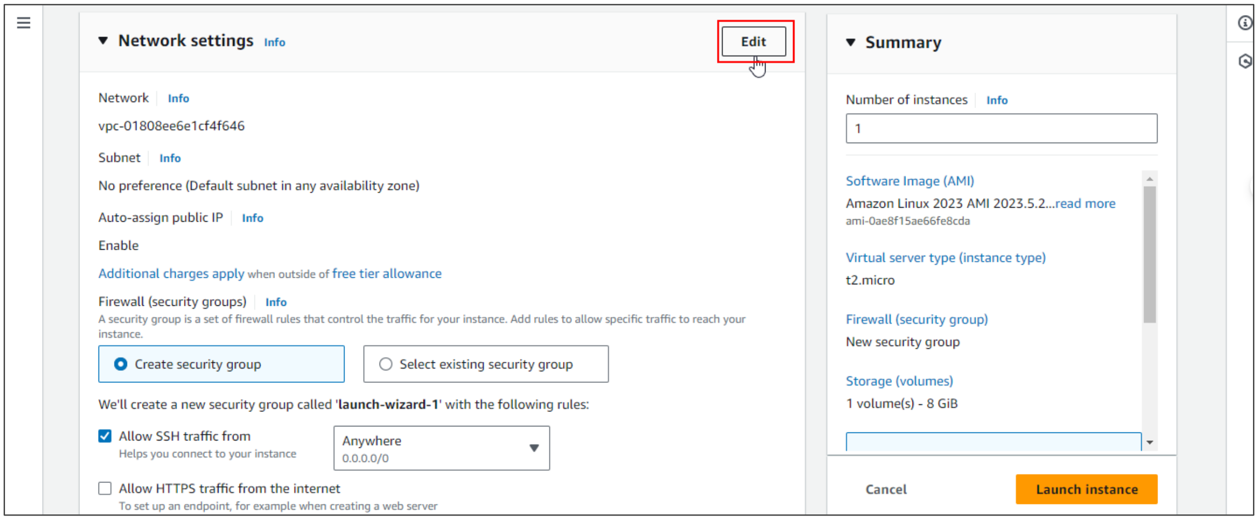
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ae8f15ae66fe8cda

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

3.9 Click on **Edit**



Network | Info

vpc-01808ee6e1cf4f646

Subnet | Info

No preference (Default subnet in any availability zone)

Auto-assign public IP | Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) | Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

☑ Allow SSH traffic from — Anywhere 0.0.0.0/0

Helps you connect to your instance

□ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

Number of instances | Info: 1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.5.2...read more

ami-0ae8f15ae66fe8cda

Virtual server type (instance type)

t2.micro

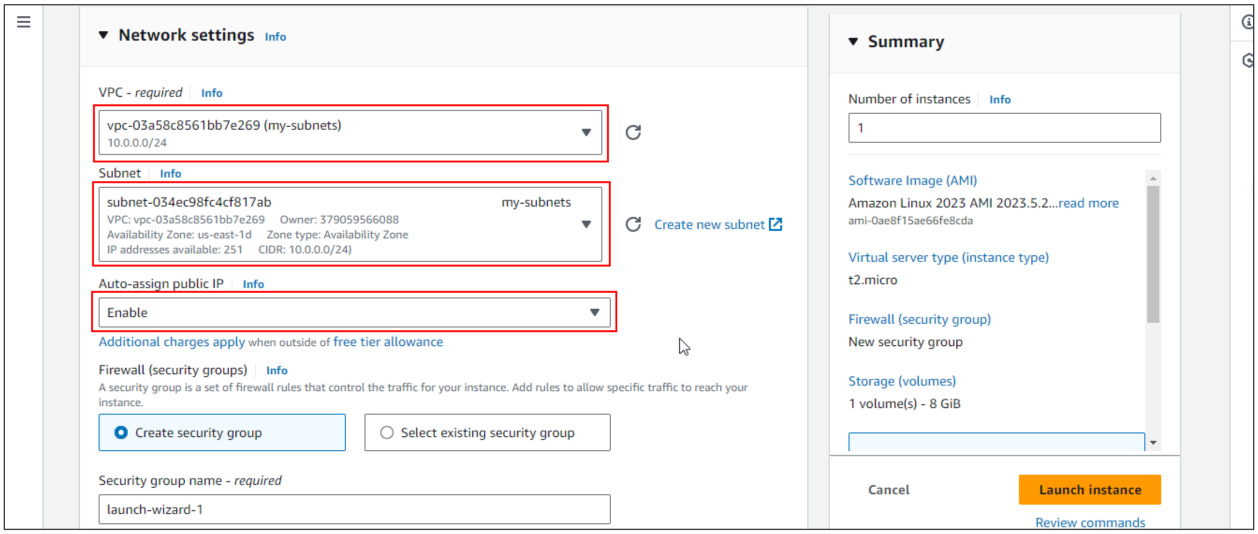
Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

3.10 Select the previously created VPC and subnet, and enable **Auto-assign Public IP**



VPC - *required* | Info

vpc-03a58c8561bb7e269 (my-subnets)
10.0.0.0/24

Subnet | Info

subnet-034ec98fc4cf817ab — my-subnets
VPC: vpc-03a58c8561bb7e269 Owner: 379059566088
Availability Zone: us-east-1d Zone type: Availability Zone
IP addresses available: 251 CIDR: 10.0.0.0/24)

Auto-assign public IP | Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) | Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

Security group name - *required*

launch-wizard-1

Number of instances | Info: 1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.5.2...read more

ami-0ae8f15ae66fe8cda

Virtual server type (instance type)

t2.micro

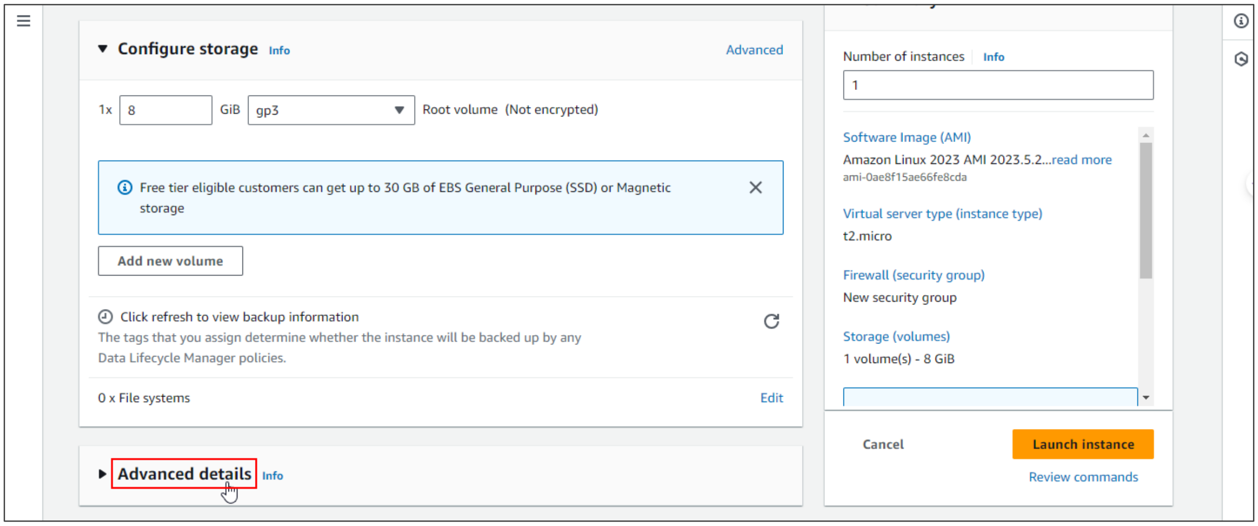
Firewall (security group)

New security group

Storage (volumes)

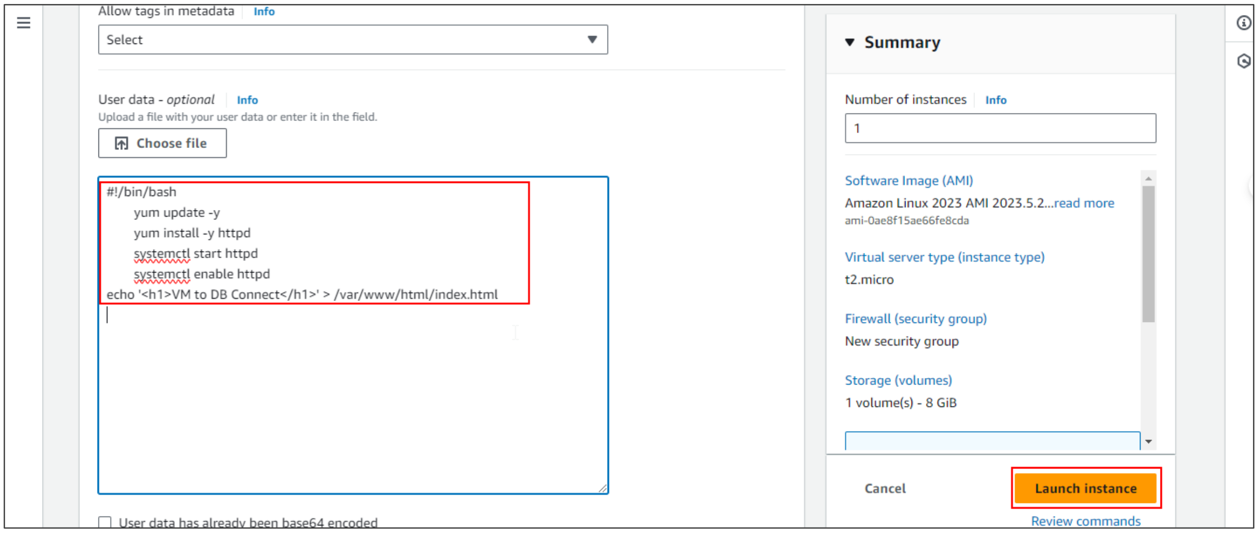
1 volume(s) - 8 GiB

3.11 Click on **Advanced details**


Configure storage Info
Advanced
1x 8 GiB gp3 Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Advanced details Info
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ae8f15ae66fe8cda
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands

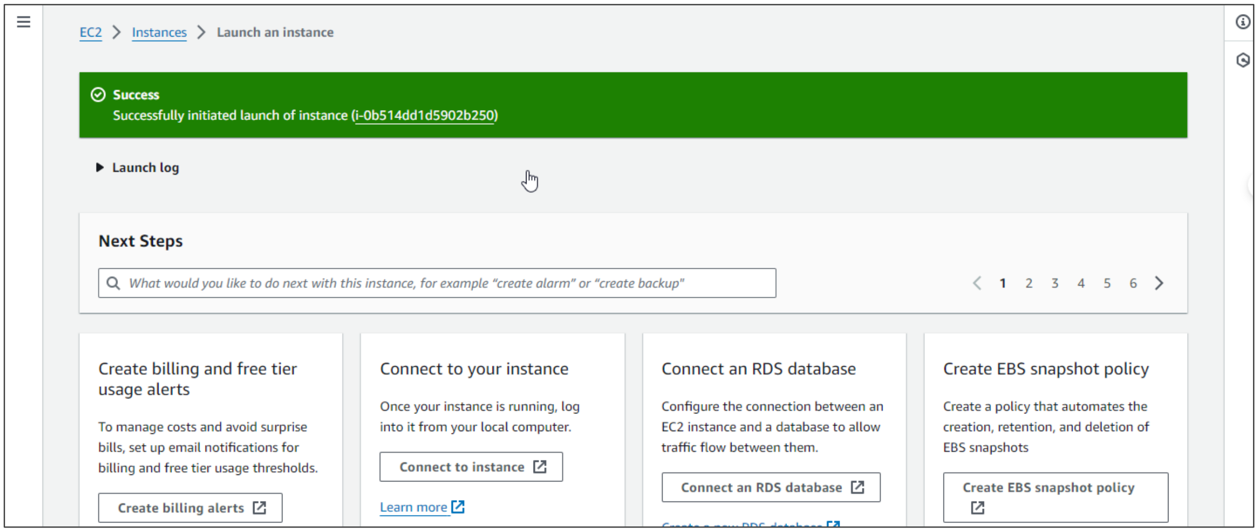
3.12 Add the following code in **User data**, and click on **Launch instance:**

```
#!/bin/bash
yum update -y
yum install -y httpd
systemctl start httpd
systemctl enable httpd
echo '<h1>VM to DB Connect</h1>' > /var/www/html/index.html
```


Allow tags in metadata Info
Select
User data - optional Info
Upload a file with your user data or enter it in the field.
Choose file
User data has already been base64 encoded
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
ami-0ae8f15ae66fe8cda
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands

```
#!/bin/bash
    yum update -y
    yum install -y httpd
    systemctl start httpd
    systemctl enable httpd
echo '<h1>VM to DB Connect</h1>' > /var/www/html/index.html
```

You will see the following interface:



EC2 > Instances > Launch an instance

Success
Successfully initiated launch of instance (i-0b514dd1d5902b250)

Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

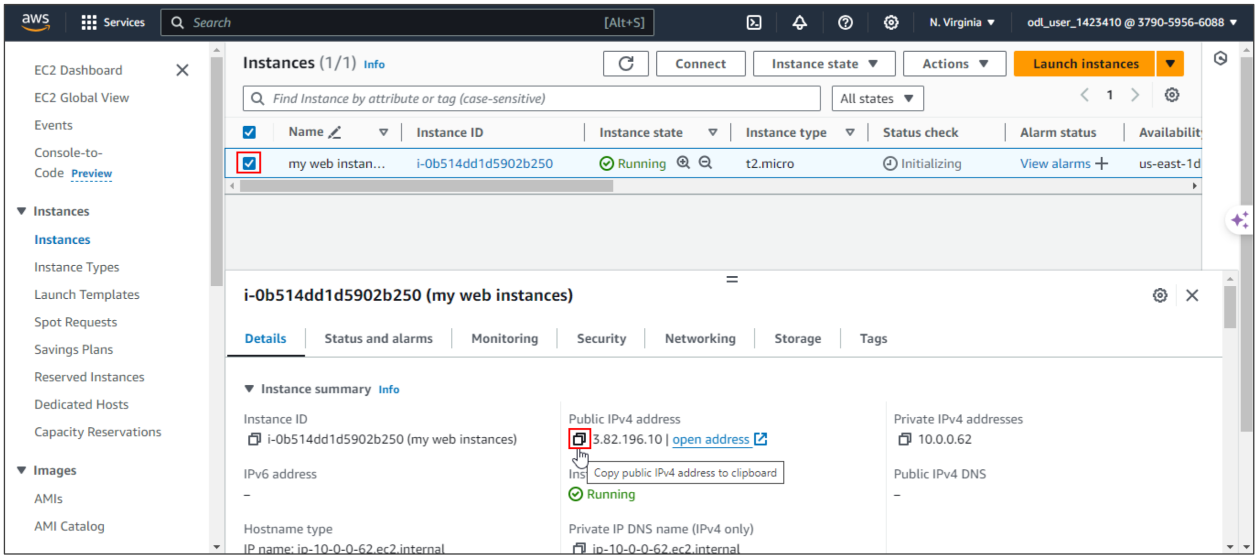
Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

The EC2 web instance has been created successfully.

## 3.13 Select the instance and copy the public IPv4 address



Instances (1/1) Info

| ☑ | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availabilit |
|---|---|---|---|---|---|---|---|
| ☑ | my web instan... | i-0b514dd1d5902b250 | Running | t2.micro | Initializing | View alarms + | us-east-1d |

i-0b514dd1d5902b250 (my web instances)

Instance summary Info

Instance ID
i-0b514dd1d5902b250 (my web instances)

Public IPv4 address
3.82.196.10 | open address

Copy public IPv4 address to clipboard

Private IPv4 addresses
10.0.0.62

IPv6 address
–

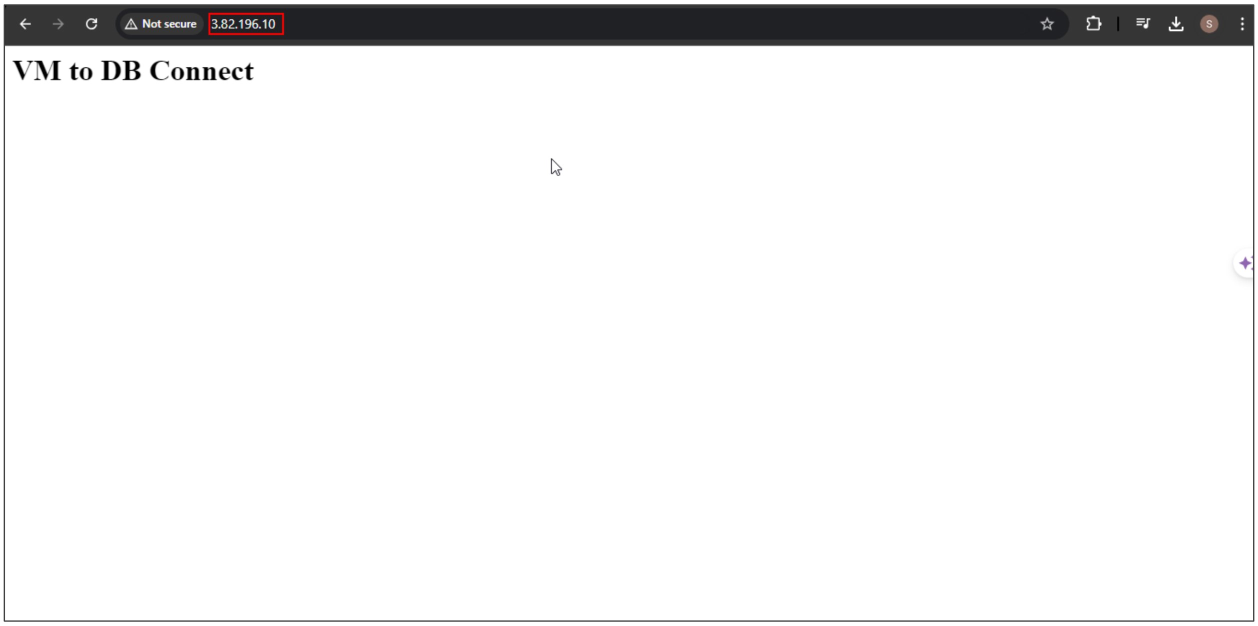
Ins
Running

Public IPv4 DNS
–

Hostname type
IP name: ip-10-0-0-62.ec2.internal

Private IP DNS name (IPv4 only)
ip-10-0-0-62.ec2.internal

3.14 Open a new browser tab, paste the public IPv4 address, and use port 80 to access the web server:
**3.82.196.10:80**



VM to DB Connect

By following these steps, you have successfully set up a web server on an EC2 instance and made it accessible via its public IPv4 address.