

aws

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VPC > Internet gateways > Create internet gateway

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.

Test Gateway

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
Q Name X

Value - optional
Q Test Gateway X Remove

Add new tag

You can add 49 more tags.

Cancel Create internet gateway

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VPC > Internet gateways > igw-071daf5c7bac757ad

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Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

NAT gateways

Peering connections

Security

Network ACLs

Security groups

The following internet gateway was created: igw-071daf5c7bac757ad - Test Gateway. You can now attach to a VPC to enable the VPC to communicate with the internet. Attach to a VPC X

igw-071daf5c7bac757ad / Test Gateway [Actions](#)

Details [Info](#)

Internet gateway ID
igw-071daf5c7bac757ad

State
Detached

VPC ID
-

Owner
124355678938

Tags

Search tags

Key	Value
Name	Test Gateway

Manage tags

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VPC > Internet gateways > Attach to VPC (igw-071daf5c7bac757ad)

The following internet gateway was created: igw-071daf5c7bac757ad - Test Gateway. You can now attach to a VPC to enable the VPC to communicate with the internet. Attach to a VPC X

Attach to VPC (igw-071daf5c7bac757ad) [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.

Select a VPC

AWS Command Line Interface command

Cancel Attach internet gateway

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VPC > Internet gateways > igw-071daf5c7bac757ad

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Network ACLs

Internet gateway igw-071daf5c7bac757ad successfully attached to vpc-0ee5ffd76d8174da5

Notifications 0 0 2 0 0 0

igw-071daf5c7bac757ad / Test Gateway

Actions

Details

Internet gateway ID igw-071daf5c7bac757ad

State Attached

VPC ID vpc-0ee5ffd76d8174da5 | TestVPC

Owner 124355678938

Tags

Search tags

Manage tags

1

Key Value

Name Test Gateway

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Notifications 0 0 2 0 0 0

igw-071daf5c7bac757ad / Test Gateway

Actions

Details

Internet gateway ID igw-071daf5c7bac757ad

State Attached

VPC ID vpc-0ee5ffd76d8174da5 | TestVPC

Owner 124355678938

Tags

Search tags

Manage tags

1

Key Value

Name Test Gateway

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Subnets

Create subnet

Create subnet

VPC

VPC ID

Choose a VPC in this VPC.

vpc-0ee5ffd76d8174da5 (TestVPC)

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

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

Private subnet

The name can be up to 255 characters long.

Availability Zone

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

US East (N. Virginia) / us-east-1a

IPv4 VPC CIDR block

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

Tags - optional

Key

Name

Value - optional

Private subnet

Add new tag

Remove

Add new subnet

Cancel

Create subnet

aws

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aws

Route tables

Create route table

Create route table

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional

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

test RT

VPC

The VPC to use for this route table.

vpc-0ee5ffd76d8174da5 (TestVPC)

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

Name

Value - optional

test RT

Remove

Add new tag

You can add 49 more tags.

Cancel

Create route table

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Subnets (2)

Find resources by attribute or tag

Subnet ID

State

VPC

Block Public...

IPv4 CIDR

Private subnet

subnet-0b9852a7ee90fa439

Available

vpc-0ee5ffd76d8174da5 | Test...

Off

10.0.0.0/2

public subnet

subnet-0d96de2fec644b1d2

Available

vpc-0ee5ffd76d8174da5 | Test...

Off

10.0.0.0/4

Select a subnet

aws

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VPC > Route tables > Create route table

Create route table [Info](#)

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

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

VPC
The VPC to use for this route table.

vpc-0ee5ffd76d8174da5 (TestVPC)

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**

Remove

Add new tag

You can add 49 more tags.

Cancel Create route table

aws

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VPC > Route tables > rtb-0d1418a12a2f5920f

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Security groups

You have successfully updated subnet associations for rtb-0d1418a12a2f5920f / Test Public RT.

rtb-0d1418a12a2f5920f / Test Public RT [Actions](#)

Details [Info](#)

Route table ID

rtb-0d1418a12a2f5920f

VPC

vpc-0ee5ffd76d8174da5 | TestVPC

Main

No

Owner ID

124355678938

Explicit subnet associations

subnet-0d96de2fec644b1d2 / public subnet

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (1)

Both

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/24	local	Active	No

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VPC > Route tables > rtb-0d1418a12a2f5920f / Test Public RT.

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You have successfully updated subnet associations for rtb-0d1418a12a2f5920f / Test Public RT.

Route tables (3) [Info](#)

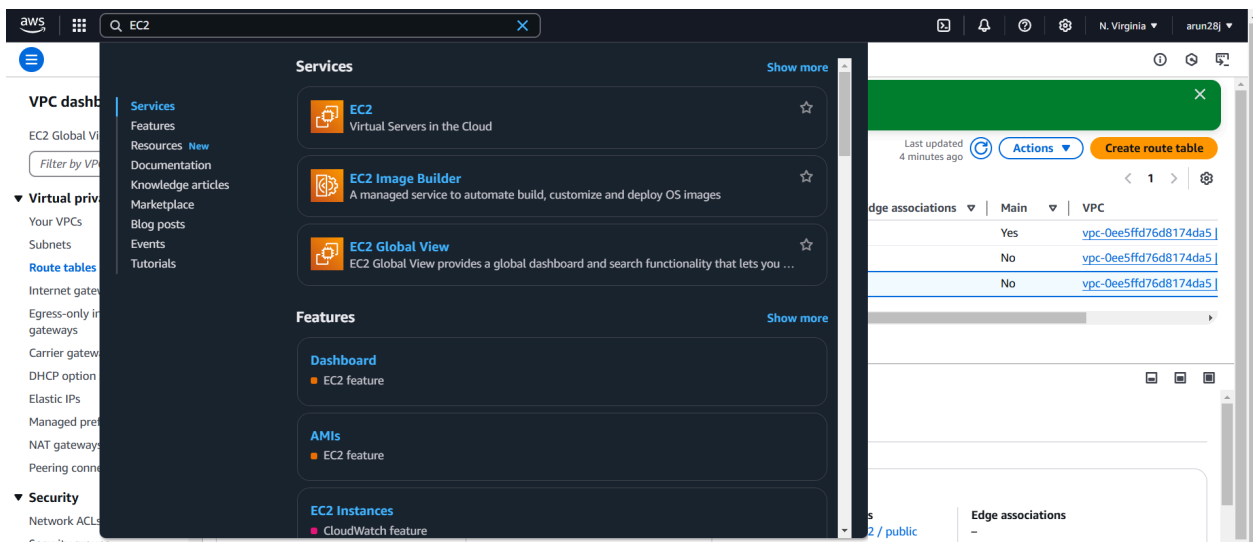
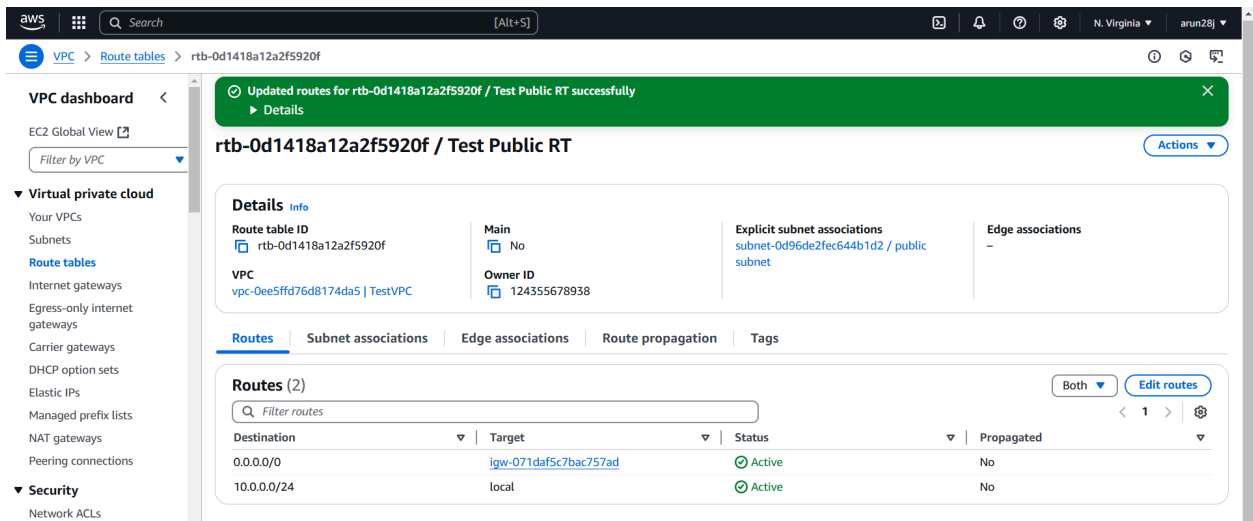
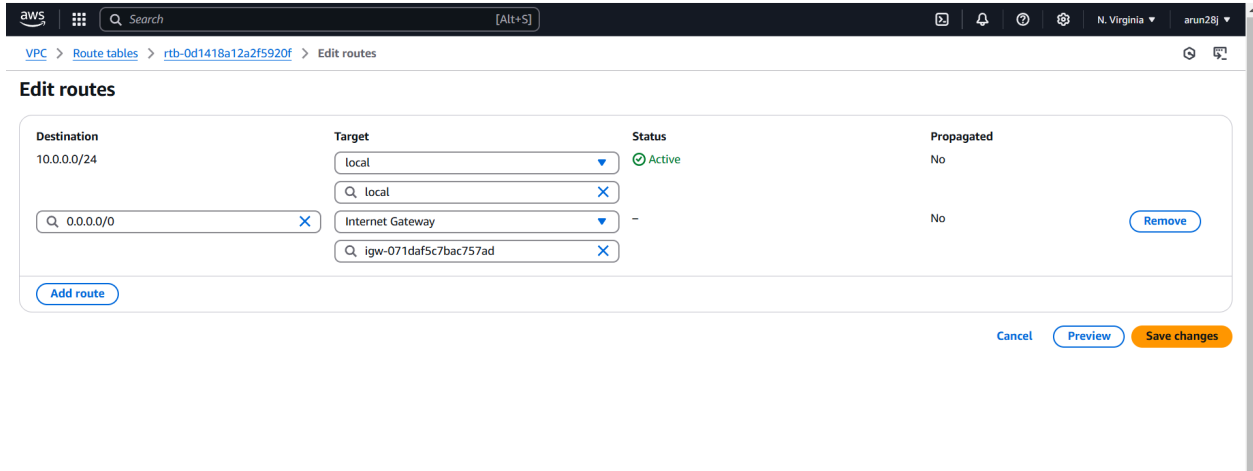
Last updated less than a minute ago

[Actions](#)

Create route table

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-0a57663be04338a3b	-	-	Yes	vpc-0ee5ffd76d8174da5
<input type="checkbox"/>	Test Private RT	rtb-008f378c74c217882	subnet-0b9852a7ee90fa...	-	No	vpc-0ee5ffd76d8174da5
<input type="checkbox"/>	Test Public RT	rtb-0d1418a12a2f5920f	subnet-0d96de2fec644b...	-	No	vpc-0ee5ffd76d8174da5

Select a route table



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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

AWS Task2

Add additional tags

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

Recents

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Summary

Number of instances

Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...read more

ami-01816d07b1128cd2d

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which

Cancel

Launch instance

Preview code

aws

Search

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EC2

Instances

Launch an instance

Amazon Machine Image (AMI)

Free tier eligible

Amazon Linux 2023 AMI

ami-01816d07b1128cd2d (64-bit (x86), uefi-preferred) / ami-02dcfe5d1d39baa4e (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.

Amazon Linux 2023 AMI 2023.6.20241212.0 x86_64 HVM kernel-6.1

Architecture

64-bit (x86)

Boot mode

uefi-preferred

AMI ID

ami-01816d07b1128cd2d

Username

ec2-user

Verified provider

Instance type

Info

Get advice

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Windows base pricing: 0.0162 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour

On-Demand SUSE base pricing: 0.0116 USD per Hour

On-Demand RHEL base pricing: 0.026 USD per Hour

Free tier eligible

All generations

Compare instance types

Summary

Number of instances

Info

1

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Amazon Linux 2023 AMI 2023.6.2...read more

ami-01816d07b1128cd2d

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Cancel

Launch instance

Preview code

aws

Search

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EC2

Instances

Launch an instance

Amazon Machine Image (AMI)

Free tier eligible

Amazon Linux 2023 AMI

ami-01816d07b1128cd2d (64-bit (x86), uefi-preferred) / ami-02dcfe5d1d39baa4e (64-bit (Arm), uefi)

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Cancel

Launch instance

Preview code

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EC2 > Instances > Launch an instance

On-Demand Linux base pricing: 0.0116 USD per Hour

Additional costs apply for AMIs with pre-installed software

Key pair (login)

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

NEWKEY

Create new key pair

Network settings

VPC - required

vpc-0ee5ffd76d8174da5 (TestVPC)

Subnet

subnet-0d96de2fec644b1d2

public subnet

Auto-assign public IP

Disable

Create new subnet

Summary

Number of instances

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...

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t2.micro

Firewall (security group)

New security group

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Cancel

Launch instance

Preview code

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance i-0e4dc69c453c4ef7d

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

Connect to your instance

Connect an RDS database

Create EBS snapshot policy

aws

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EC2 > Instances > i-0e4dc69c453c4ef7d > Connect to instance

Connect to instance

Connect to your instance i-0e4dc69c453c4ef7d (AWS Task2) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-0e4dc69c453c4ef7d (AWS Task2)

Connection Type

Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.

Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

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EC2

Instances

i-Oe4dc69c453c4ef7d

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Snapshots

Lifecycle Manager

Instance summary for i-Oe4dc69c453c4ef7d (AWS Task2) Info

Updated less than a minute ago

Connect

Instance state

Actions

Instance ID

i-Oe4dc69c453c4ef7d

IPv6 address

-

Hostname type

IP name: ip-10-0-0-106.ec2.internal

Answer private resource DNS name

-

Auto-assigned IP address

-

IAM Role

-

IMDSv2

Required

Public IPv4 address

-

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-0-106.ec2.internal

Instance type

t2.micro

VPC ID

vpc-0ee5ffd76d8174da5 (TestVPC)

Subnet ID

subnet-0d96de2fec644b1d2 (public subnet)

Instance ARN

arn:aws:ec2:us-east-1:124355678938:instance/i-Oe4dc69c453c4ef7d

Private IPv4 addresses

10.0.0.106

Public IPv4 DNS

-

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendation s.

Learn more

Auto Scaling Group name

-

Managed

false