

[VPC](#) > [Your VPCs](#) > Create VPC

## Create VPC [Info](#)

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

### VPC settings

#### Resources to create [Info](#)

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.

#### IPv4 CIDR block [Info](#)

☒ IPv4 CIDR manual input☐ IPAM-allocated IPv4 CIDR block

#### IPv4 CIDR

#### IPv6 CIDR block [Info](#)

☒ No IPv6 CIDR block☐ IPAM-allocated IPv6 CIDR block☐ Amazon-provided IPv6 CIDR block☐ IPv6 CIDR owned by me

[VPC](#) > [Your VPCs](#) > Create VPC

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VPC > Your VPCs > Create VPC

## 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 vpc3

IPv4 CIDR block

- ☒ IPv4 CIDR manual input
- ☐ IPAM-allocated IPv4 CIDR block

IPv4 CIDR

10.2.0.0/24

IPv6 CIDR block

- ☒ No IPv6 CIDR block
- ☐ IPAM-allocated IPv6 CIDR block
- ☐ Amazon-provided IPv6 CIDR block
- ☐ IPv6 CIDR owned by me

### Your VPCs (4)

Find resources by attribute or tag

<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR
<input type="checkbox"/>	my vpc1	vpc-0a4f1a6dd5392e674	Available	10.0.0.0/24
<input type="checkbox"/>	my vpc2	vpc-0a87456a550532aca	Available	10.1.0.0/24
<input type="checkbox"/>	my vpc3	vpc-0331c10d0b6388df1	Available	10.2.0.0/24
<input type="checkbox"/>	-	vpc-04e5d2d2fe867b031	Available	172.31.0.0/16

### Subnet 1 of 1

#### Subnet name

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

sub1 of vpc1

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 CIDR block [Info](#)

10.0.0.0/25

#### ▼ Tags - optional

##### Key

Name

##### Value - optional

sub1 of vpc1

Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

[VPC](#) > [Subnets](#) > [subnet-0be1ccfad1248598e](#) > Edit subnet settings

## Edit subnet settings [Info](#)

### Subnet

#### Subnet ID

subnet-0be1ccfad1248598e

#### Name

sub1 of vpc1

### Auto-assign IP settings [Info](#)

Enable the auto-assign IP settings to automatically request a public IPv4 or IPv6 address for a new network interface in this subnet.

☒ Enable auto-assign public IPv4 address [Info](#)

☐ Enable auto-assign customer-owned IPv4 address [Info](#)  
Option disabled because no customer owned pools found.

### Resource-based name (RBN) settings [Info](#)

Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

# Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

## Subnet 1 of 1

### Subnet name

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

sub2 of vpc1

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 CIDR block [Info](#)

10.0.0.128/25

### Tags - optional

Key

Value - optional

Name

sub2 of vpc1

Remove

Add new tag

You can add 49 more tags.

## Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

### Subnet 1 of 1

#### Subnet name

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

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.

#### IPv4 CIDR block [Info](#)

#### ▼ Tags - *optional*

Key

Value - *optional*

Remove

Add new tag

You can add 49 more tags.

Remove

aws

Services



Q Search

[Alt+S]

VPC > Subnets > subnet-0222771299c8dfc3b > Edit subnet settings

Edit subnet settings [Info](#)

Subnet

Subnet ID	Name
 subnet-0222771299c8dfc3b	 sub1 of vpc2

Auto-assign IP settings [Info](#)

Enable the auto-assign IP settings to automatically request a public IPv4 or IPv6 address for a new network interface in this subnet.

☒ Enable auto-assign public IPv4 address [Info](#)

☐ Enable auto-assign customer-owned IPv4 address [Info](#)  
Option disabled because no customer owned pools found.

Resource-based name (RBN) settings [Info](#)

Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

☐ Enable resource name DNS A record on launch [Info](#)

☐ Enable resource name DNS AAAA record on launch [Info](#)

Hostname type [Info](#)

☐ Resource name

## Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

### Subnet 1 of 1

**Subnet name**

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

sub2 of vpc2

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 CIDR block** [Info](#)

🔍 10.1.0.128/25 ✕

▼ **Tags - optional**

Key

Value - optional

🔍 Name ✕

🔍 sub2 of vpc2 ✕

Remove

Add new tag

You can add 49 more tags.

Remove



## Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

### Subnet 1 of 1

#### Subnet name

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

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 CIDR block [Info](#)

🔍 10.2.0.0/25 ✕

#### ▼ Tags - *optional*

Key

Value - *optional*

🔍 Name ✕

🔍 sub1 of vpc3 ✕

Remove



Add new tag

You can add 49 more tags.

Remove

Add new subnet

# Edit subnet settings [Info](#)

Subnet	
Subnet ID	Name
 subnet-08b53f0d8243146c2	 sub1 of vpc3

**Auto-assign IP settings** [Info](#)

Enable the auto-assign IP settings to automatically request a public IPv4 or IPv6 address for a new network interface in this subnet.

☒ Enable auto-assign public IPv4 address [Info](#)

☐ Enable auto-assign customer-owned IPv4 address [Info](#)  
Option disabled because no customer owned pools found.

**Resource-based name (RBN) settings** [Info](#)

Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

☐ Enable resource name DNS A record on launch [Info](#)

☐ Enable resource name DNS AAAA record on launch [Info](#)

Hostname type [Info](#)

☒ Resource name

## Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

### Subnet 1 of 1

#### Subnet name

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

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.

#### IPv4 CIDR block [Info](#)

#### ▼ Tags - *optional*

Key

Value - *optional*

Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

[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.

### 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*



You can add 49 more tags.

[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.

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The VPC to use for this route table.

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#### Key



#### Value - *optional*



You can add 49 more tags.

VPC > Route tables > Create route table

## Create route table [Info](#)

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### 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.

### 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

VPC > Route tables > rtb-089451cdc32b19b66 > Edit subnet associations

## Edit subnet associations

Change which subnets are associated with this route table.

### Available subnets (2/2)

< 1 > ⚙

<input checked="" type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/>	sub2 of vpc1	subnet-08910cab7e14fef61	10.0.0.128/25	–	Main (rtb-0574bf4b335135072)
<input checked="" type="checkbox"/>	sub1 of vpc1	subnet-0be1ccfad1248598e	10.0.0.0/25	–	Main (rtb-0574bf4b335135072)

### Selected subnets

subnet-0be1ccfad1248598e / sub1 of vpc1

subnet-08910cab7e14fef61 / sub2 of vpc1

Cancel

Save associations

VPC > Route tables > rtb-07ee98d3750bdbc47 > Edit subnet associations

## Edit subnet associations

Change which subnets are associated with this route table.

### Available subnets (2/2)

Q Filter subnet associations

< 1 > ⌕

<input checked="" type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/>	sub2 of vpc2	subnet-0970203db5f8308c8	10.1.0.128/25	-	Main (rtb-0500b09a93e3ff5fc)
<input checked="" type="checkbox"/>	sub1 of vpc2	subnet-0222771299c8dfc3b	10.1.0.0/25	-	Main (rtb-0500b09a93e3ff5fc)

### Selected subnets

subnet-0970203db5f8308c8 / sub2 of vpc2 X subnet-0222771299c8dfc3b / sub1 of vpc2 X

Cancel

Save associations

VPC > Route tables > rtb-06bf0177c1af3d275 > Edit subnet associations

## Edit subnet associations

Change which subnets are associated with this route table.

### Available subnets (2/2)

Q Filter subnet associations

< 1 > ⌕

<input checked="" type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/>	sub1 of vpc3	subnet-08b53f0d8243146c2	10.2.0.0/25	-	Main (rtb-06552681821bcfe6b)
<input checked="" type="checkbox"/>	sub2 of vpc3	subnet-0eb52458beea25c13	10.2.0.128/25	-	Main (rtb-06552681821bcfe6b)

### Selected subnets

subnet-0eb52458beea25c13 / sub2 of vpc3 X subnet-08b53f0d8243146c2 / sub1 of vpc3 X

Cancel

Save associations

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.

igw1

### 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 igw1 X

Remove

Add new tag

You can add 49 more tags.

Cancel

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.

### 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*



You can add 49 more tags.

[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.

### 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*



Remove

Add new tag

You can add 49 more tags.

Cancel

Create internet gateway

[VPC](#) > [Internet gateways](#) > Attach to VPC (igw-022f9812f389bc771)

## Attach to VPC (igw-022f9812f389bc771) [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.



► AWS Command Line Interface command

Cancel

Attach internet gateway



[VPC](#) > [Internet gateways](#) > Attach to VPC (igw-0fcdad5f5b9d271d4)

## Attach to VPC (igw-0fcdad5f5b9d271d4) [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.

Q vpc-0a87456a550532aca



► AWS Command Line Interface command

Cancel

Attach internet gateway

[VPC](#) > [Internet gateways](#) > Attach to VPC (igw-0034a5b0d07b8bea4)

## Attach to VPC (igw-0034a5b0d07b8bea4) [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.

Q vpc-0331c10d0b6388df1



► AWS Command Line Interface command

Cancel

Attach internet gateway

[VPC](#) > [Route tables](#) > [rtb-089451cdc32b19b66](#) > Edit routes

## Edit routes

Destination	Target	Status	Propagated
10.0.0.0/24	Q local	Active	No
Q 0.0.0.0/0	Q igw-022f9812f389bc771	-	No
Add route			

Cancel

Preview

Save changes

VPC > Route tables > rtb-07ee98d3750bdbd47 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.1.0.0/24	<input type="text" value="local"/>	Active	No
<input type="text" value="0.0.0.0/0"/>	<input type="text" value="igw-0fcdad5f5b9d271d4"/>	-	No

Add route

Cancel

Preview

Save changes

VPC > Route tables > rtb-06bf0177c1af3d275 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.2.0.0/24	<input type="text" value="local"/>	Active	No
<input type="text" value="0.0.0.0/0"/>	<input type="text" value="igw-0034a5b0d07b8bea4"/>	-	No

Add route

Cancel

Preview

Save changes

Peering connection settings

Name - optional

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

Select a local VPC to peer with

VPC ID (Requester)

VPC CIDRs for vpc-0a4f1a6dd5392e674 (my vpc1)

CIDR	Status	Status reason
10.0.0.0/24	Associated	-

Select another VPC to peer with

Account

☒ My account

☐ Another account

Region

☒ This Region (us-east-1)

☐ Another Region

VPC ID (Acceptor)

VPC CIDRs for vpc-0a87456a550532aca (my vpc2)

CIDR	Status	Status reason
------	--------	---------------

## Peering connection settings

### Name - *optional*

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

vpc-peer2

### Select a local VPC to peer with

VPC ID (Requester)

vpc-0a87456a550532aca (my vpc2) ▼

VPC CIDRs for vpc-0a87456a550532aca (my vpc2)

CIDR	Status	Status reason
10.1.0.0/24	✔ Associated	-

### Select another VPC to peer with

Account

- ☒ My account  
☐ Another account

Region

- ☒ This Region (us-east-1)  
☐ Another Region

VPC ID (Acceptor)

vpc-0331c10d0b6388df1 (my vpc3) ▼

VPC CIDRs for vpc-0331c10d0b6388df1 (my vpc3)

Peering connection settings

Name - optional

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

vpc peer3

Select a local VPC to peer with

VPC ID (Requester)

vpc-0331c10d0b6388df1 (my vpc3) ▼

VPC CIDRs for vpc-0331c10d0b6388df1 (my vpc3)

CIDR	Status	Status reason
10.2.0.0/24	✔ Associated	-

Select another VPC to peer with

Account

- ☒ My account
- ☐ Another account

Region

- ☒ This Region (us-east-1)
- ☐ Another Region

VPC ID (Acceptor)

vpc-0a4f1a6dd5392e674 (my vpc1) ▼

VPC CIDRs for vpc-0a4f1a6dd5392e674 (my vpc1)

Peering connections (3) [Info](#)

🔄

Actions ▼

Create peering connection

🔍 Filter peering connections

< 1 > ⚙️

	Name ▼	Peering connection ID ▼	Status ▼	Requester VPC	Acceptor VPC	Requester CI
<input type="radio"/>	vpc peer1	pcx-0546bd069dec0f13	⌚ Pending acceptance	vpc-0a4f1a6dd5392e674 / my...	vpc-0a87456a550532aca / my...	10.0.0.0/24
<input type="radio"/>	vpc peer3	pcx-023b23430d3c1d533	⌚ Pending acceptance	vpc-0331c10d0b6388df1 / my...	vpc-0a4f1a6dd5392e674 / my...	10.2.0.0/24
<input type="radio"/>	vpc peer2	pcx-0fdc71631054335c3	⌚ Pending acceptance	vpc-0a87456a550532aca / my...	vpc-0331c10d0b6388df1 / my...	10.1.0.0/24

## Accept VPC peering connection request [Info](#)



Are you sure you want to accept this VPC peering connection request? (pcx-0fdc71631054335c3 / vpc peer2)

Requester VPC  
[vpc-0a87456a550532aca / my vpc2](#)

Accepter VPC  
[vpc-0331c10d0b6388df1 / my vpc3](#)

Requester CIDRs  
 10.1.0.0/24

Accepter CIDRs  
–

Requester Region  
N. Virginia (us-east-1)

Accepter Region  
N. Virginia (us-east-1)

Requester owner ID  
 539023959545  
(This account)

Accepter owner ID  
 539023959545  
(This account)

Cancel

Accept request

A VPC peering connection pcx-023b23430d3c1d533 / vpc peer3 has been requested.

Your VPC peering connection (pcx-0546bd069dec0f13 / vpc peer1) has been established.  
To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables. [Info](#)

Modify my route tables now

### Peering connections (1/3) [Info](#)

Filter peering connections



Actions

Create peering connection

View details

Accept request

Reject request

Edit DNS settings

<input type="radio"/>	vpc peer1	pcx-0546bd069dec0f13	Active	vpc-0a4f1a6dd5392e674 / my...	...	10.0.0.0/24
<input type="radio"/>	vpc peer3	pcx-023b23430d3c1d533	Pending acceptance	vpc-0331c10d0b6388df1 / my...	...	10.2.0.0/24
<input checked="" type="radio"/>	vpc peer2	pcx-0fdc71631054335c3	Pending acceptance	vpc-0a87456a550532aca / my...	...	10.1.0.0/24

### pcx-0fdc71631054335c3 / vpc peer2



#### Pending acceptance

You can accept or reject this peering connection request using the 'Actions' menu. You have until Thursday, September 21, 2023 at 12:26:31 GMT+5:30 to accept or reject the request, otherwise it expires.

[Details](#)

[ClassicLink](#)

[DNS](#)

[Route tables](#)

[Tags](#)

## Accept VPC peering connection request [Info](#)



Are you sure you want to accept this VPC peering connection request? (pcx-0fdc71631054335c3 / vpc peer2)

Requester VPC  
[vpc-0a87456a550532aca / my vpc2](#)

Accepter VPC  
[vpc-0331c10d0b6388df1 / my vpc3](#)

Requester CIDRs  
 10.1.0.0/24

Accepter CIDRs  
–

Requester Region  
N. Virginia (us-east-1)

Accepter Region  
N. Virginia (us-east-1)

Requester owner ID  
 539023959545  
(This account)

Accepter owner ID  
 539023959545  
(This account)

Cancel

Accept request

Your VPC peering connection (pcx-0fdc71631054335c3 / vpc peer2) has been established.

To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables. [Info](#)

Modify my route tables now

Peering connections (1/3) [Info](#)

Filter peering connections

<input type="radio"/>	vpc peer1	pcx-0546bd069dec0f13	Active	vpc-0a4f1a6dd5392e674 / my...	10.0.0.0/24
<input checked="" type="radio"/>	vpc peer3	pcx-023b23430d3c1d533	Pending acceptance	vpc-0331c10d0b6388df1 / my...	10.2.0.0/24
<input type="radio"/>	vpc peer2	pcx-0fdc71631054335c3	Active	vpc-0a87456a550532aca / my...	10.1.0.0/24

Actions

View details

Accept request

Reject request

Edit DNS settings

Create peering connection

pcx-023b23430d3c1d533 / vpc peer3

Pending acceptance

You can accept or reject this peering connection request using the 'Actions' menu. You have until Thursday, September 21, 2023 at 12:27:06 GMT+5:30 to accept or reject the request, otherwise it expires.

Details

ClassicLink

DNS

Route tables

Tags

Accept VPC peering connection request[Info](#)

Are you sure you want to accept this VPC peering connection request? (pcx-023b23430d3c1d533 / vpc peer3)

Requester VPC

vpc-0331c10d0b6388df1 / my vpc3

Requester CIDRs

10.2.0.0/24

Requester owner ID

539023959545  
(This account)

Acceptor VPC

vpc-0a4f1a6dd5392e674 / my vpc1

Requester Region

N. Virginia (us-east-1)

Acceptor owner ID

539023959545  
(This account)

Acceptor CIDRs

–

Acceptor Region

N. Virginia (us-east-1)

Cancel

Accept request

Your VPCs (1/4) Info

Find resources by attribute or tag

Actions

	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	my vpc1	vpc-0a4f1a6dd5392e674	Available	10.0.0.0/24	-
<input checked="" type="checkbox"/>	my vpc2	vpc-0a87456a550532aca	Available	10.1.0.0/24	-
<input type="checkbox"/>	-	vpc-04e5d2d2fe867b031	Available	172.31.0.0/16	-
<input type="checkbox"/>	my vpc3	vpc-03331c10d0b6388df1	Available	10.2.0.0/24	-

VPC ID

vpc-0a87456a550532aca

Tenancy

Default

Default VPC

No

Network Address Usage metrics

Disabled

State

Available

DHCP option set

dopt-025b132dc3e0fa5a7

IPv4 CIDR

10.1.0.0/24

Route 53 Resolver DNS Firewall rule groups

-

DNS hostnames

Disabled

Main route table

rtb-0500b09a93e3ff5fc

IPv6 pool

-

Owner ID

539023959545

DNS resolution

Enabled

Main network ACL

acl-0c8fa1067c707607c

IPv6 CIDR (Network borde

-

VPC > Route tables > rtb-089451cdc32b19b66 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/24	local	Active	No
0.0.0.0/0	igw-022f9812f389bc771	Active	No
10.1.0.0/24	pcx-0546bd069decb0f13	-	No

Add route

Cancel

Preview

Save changes

Your VPCs (1/4) [Info](#)

Q Find resources by attribute or tag

Name

VPC ID

State

IPv4 CIDR

IPv6 CIDR

my vpc1

vpc-0a4f1a6dd5392e674

Available

10.0.0.0/24

-

my vpc2

vpc-0a87456a550532aca

Available

10.1.0.0/24

-

-

vpc-04e5d2d2fe867b031

Available

172.31.0.0/16

-

☒

my vpc3

vpc-0331c10d0b6388df1

Available

10.2.0.0/24

-

VPC ID

vpc-0331c10d0b6388df1

Tenancy

Default

Default VPC

No

Network Address Usage metrics

Disabled

State

Available

DHCP option set

dopt-025b132dc3e0fa5a7

IPv4 CIDR

10.2.0.0/24

Route 53 Resolver DNS Firewall rule groups

-

DNS hostnames

Disabled

Main route table

rtb-06552681821bcfe6b

IPv6 pool

-

Owner ID

539023959545

DNS resolution

Enabled

Main network ACL

acl-0c117bcb668e1

IPv6 CIDR (Network

-

VPC > Route tables > rtb-07ee98d3750bdbd47 > Edit routes

## Edit routes

Destination	Target	Status
10.1.0.0/24	<div><div>Q local</div><div>X</div></div>	<div><div>Active</div></div>
<div><div>Q 0.0.0.0/0</div><div>X</div></div>	<div><div>Q igw-0fcdad5f5b9d271d4</div><div>X</div></div>	<div><div>Active</div></div>
<div><div>Q 10.2.0.0/24</div><div>X</div></div>	<div><div>Q pcx-0fdc71631054335c3</div><div>X</div></div>	-
<div><div>Q 10.0.0.0/24</div><div>X</div></div>	<div><div>Q pcx-0546bd069decb0f13</div><div>X</div></div>	-
<div>Add route</div>		



# Edit routes

Destination	Target	Status
10.2.0.0/24	<input type="text" value="local"/>	Active
<input type="text" value="0.0.0.0/0"/>	<input type="text" value="igw-0034a5b0d07b8bea4"/>	Active
<input type="text" value="10.0.0.0/24"/>	<input type="text" value="pcx-023b23430d3c1d533"/>	-
<input type="text" value="10.1.0.0/24"/>	<input type="text" value="pcx-0fdc71631054335c3"/>	-
<input type="button" value="Add route"/>		

	name	route table id	Explicit subnet associati...	Edge associations
<input type="checkbox"/>	-	rtb-0574bf4b335135072	-	-
<input type="checkbox"/>	rt1	rtb-089451cdc32b19b66	2 subnets	-
<input type="checkbox"/>	RDS-Pvt-rt	rtb-093b94be78b204a5f	5 subnets	-
<input checked="" type="checkbox"/>	rt3	rtb-06bf0177c1af3d275	2 subnets	-
<input type="checkbox"/>	-	rtb-0196120917f4d149d	-	-
<input type="checkbox"/>	-	rtb-0500b09a93e3ff5fc	-	-
<input type="checkbox"/>	-	rtb-06552681821bcfe6b	-	-

Destination	Target	Status	F
0.0.0.0/0	igw-0034a5b0d07b8bea4	Active	N
10.0.0.0/24	pcx-023b23430d3c1d533	Active	N
10.1.0.0/24	pcx-0fdc71631054335c3	Active	N
10.2.0.0/24	local	Active	N

## ▼ Network settings [Info](#)

VPC - *required* [Info](#)

vpc-0a4f1a6dd5392e674 (my vpc1)  
10.0.0.0/24



Subnet [Info](#)

subnet-0be1ccfad1248598e sub1 of vpc1  
VPC: vpc-0a4f1a6dd5392e674 Owner: 539023959545  
Availability Zone: us-east-1b IP addresses available: 123 CIDR: 10.0.0.0/25



[Create new subnet](#)

Auto-assign public IP [Info](#)

Disable

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-6

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and . \_ - : / () # , @ [] + = & ; {} ! \$ \*

Description - *required* [Info](#)

## ▼ Network settings [Info](#)

### VPC - *required* [Info](#)

vpc-0a4f1a6dd5392e674 (my vpc1)  
10.0.0.0/24



### Subnet [Info](#)

subnet-08910cab7e14fef61 sub2 of vpc1  
VPC: vpc-0a4f1a6dd5392e674 Owner: 539023959545  
Availability Zone: us-east-1b IP addresses available: 123 CIDR: 10.0.0.128/25



[Create new subnet](#)

### Auto-assign public IP [Info](#)

Disable



### 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-7

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and . \_ - / () # , @ [] + = & ; {} ! \$ \*

### Description - *required* [Info](#)

launch-wizard-7 created 2023-09-14T07:31:19.377Z

## ▼ Network settings [Info](#)

VPC - *required* [Info](#)

vpc-0a4f1a6dd5392e674 (my vpc1)  
10.0.0.0/24 ▼



Subnet [Info](#)

subnet-08910cab7e14fef61 sub2 of vpc1  
VPC: vpc-0a4f1a6dd5392e674 Owner: 539023959545  
Availability Zone: us-east-1b IP addresses available: 123 CIDR: 10.0.0.128/25 ▼



[Create new subnet](#)

Auto-assign public IP [Info](#)

Disable ▼

### 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-7

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and . \_ - / ( ) # , @ [ ] + = & ; { } ! \$ \*

Description - *required* [Info](#)

launch-wizard-7 created 2023-09-14T07:31:19.377Z

Inbound Security Group Rules

## ▼ Network settings [Info](#)

### VPC - *required* [Info](#)

vpc-0a87456a550532aca (my vpc2)  
10.1.0.0/24



### Subnet [Info](#)

subnet-0222771299c8dfc3b sub1 of vpc2  
VPC: vpc-0a87456a550532aca Owner: 539023959545 Availability Zone: us-east-1f  
IP addresses available: 123 CIDR: 10.1.0.0/25



[Create new subnet](#)

### Auto-assign public IP [Info](#)

Disable



### 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-8

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and . \_ - / () # , @ [] + = & ; {} ! \$ \*

### Description - *required* [Info](#)

launch-wizard-8 created 2023-09-14T07:37:49.543Z

## ▼ Network settings [Info](#)

### VPC - required [Info](#)

vpc-0a87456a550532aca (my vpc2)  
10.1.0.0/24



### Subnet [Info](#)

subnet-0970203db5f8308c8 sub2 of vpc2  
VPC: vpc-0a87456a550532aca Owner: 539023959545 Availability Zone: us-east-1f  
IP addresses available: 123 CIDR: 10.1.0.128/25



[Create new subnet](#)

### Auto-assign public IP [Info](#)

Disable

### 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-9

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and .\_-:/()#,@[]+=&;{}!\$\*

### Description - required [Info](#)

launch-wizard-9 created 2023-09-14T07:40:11.283Z

### Inbound Security Group Rules

#### Instances (8) [Info](#)



Connect

Instance state ▼

Actions ▼

Launch

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Zone ▼
<input type="checkbox"/>	web vpc1 sub2	i-0ecff31e9fe64b7a	Running	t2.micro	2/2 checks passed	0 in alarm +	us-east-1b
<input type="checkbox"/>	web vpc1 sub1	i-0ab635228a2070812	Running	t2.micro	2/2 checks passed	0 in alarm +	us-east-1b
<input type="checkbox"/>	web vpc1 sub1	i-0ee25dd50b28e99ac	Terminated	t2.micro	-	0 in alarm +	us-east-1b
<input type="checkbox"/>	web vpc3 sub2	i-04b947f1f26850abc	Running	t2.micro	Initializing	0 in alarm +	us-east-1b
<input type="checkbox"/>	web vpc3 sub1	i-07f5545baa57a47ce	Running	t2.micro	2/2 checks passed	0 in alarm +	us-east-1b
<input type="checkbox"/>	web vpc2 sub2	i-03a429d2b02357ac5	Running	t2.micro	2/2 checks passed	0 in alarm +	us-east-1f
<input type="checkbox"/>	web vpc2 sub1	i-0b0beb567057173c2	Terminated	t2.micro	-	0 in alarm +	us-east-1f
<input type="checkbox"/>	web vpc2 sub1	i-07d1a2be1e50605df	Running	t2.micro	2/2 checks passed	0 in alarm +	us-east-1f

```
Quick connect... 2. 54.242.178.128 (ubuntu) x +
/home/ubuntu/
Name
ssh
.cache
.Xauthority
.profile
.bashrc
.bash_logout

Remote monitoring
Follow terminal folder

System load: 0.0          Processes: 97
Usage of /: 22.1% of 7.57GB Users logged in: 0
Memory usage: 24%        IPv4 address for eth0: 10.0.0.64
Swap usage: 0%

* Ubuntu Pro delivers the most comprehensive open source security and
compliance features.

https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Fri Sep 15 09:09:39 2023 from 117.205.68.99
ubuntu@ip-10-0-0-64:~$ ping 54.242.178.128
PING 54.242.178.128 (54.242.178.128) 56(84) bytes of data.
^Z
[1]+  Stopped                  ping 54.242.178.128
ubuntu@ip-10-0-0-64:~$ ping 10.0.0.136
ping: ping: Temporary failure in name resolution
ubuntu@ip-10-0-0-64:~$ ping 10.0.0.136
PING 10.0.0.136 (10.0.0.136) 56(84) bytes of data.
^Z
[2]+  Stopped                  ping 10.0.0.136
ubuntu@ip-10-0-0-64:~$ ssh -i my3.pem ubuntu@10.1.0.217
Warning: Identity file my3.pem not accessible: No such file or directory.
The authenticity of host '10.1.0.217 (10.1.0.217)' can't be established.
ED25519 key fingerprint is SHA256:cKt3UTf+5VdbH682kIwsXu5k9J+f2PX+6ggfH7jTqhU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.1.0.217' (ED25519) to the list of known hosts.
ubuntu@10.1.0.217: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
ubuntu@ip-10-0-0-64:~$
```

```
Quick connect... 2. 54.242.178.128 (ubuntu) x 4. 3.239.43.176 (ubuntu) x +
/home/ubuntu/
Name
ssh
.cache
.Xauthority
.profile
.bashrc
.bash_logout

Remote monitoring
Follow terminal folder

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-10-1-0-73:~$ ping 54.242.178.128
PING 54.242.178.128 (54.242.178.128) 56(84) bytes of data.
^Z
[1]+  Stopped                  ping 54.242.178.128
ubuntu@ip-10-1-0-73:~$ sudo su
root@ip-10-1-0-73:/home/ubuntu# ping 54.242.178.128
PING 54.242.178.128 (54.242.178.128) 56(84) bytes of data.
^Z
[1]+  Stopped                  ping 54.242.178.128
root@ip-10-1-0-73:/home/ubuntu# ssh -i my2.pem ubuntu@10.1.0.217
Warning: Identity file my2.pem not accessible: No such file or directory.
The authenticity of host '10.1.0.217 (10.1.0.217)' can't be established.
ED25519 key fingerprint is SHA256:cKt3UTf+5VdbH682kIwsXu5k9J+f2PX+6ggfH7jTqhU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.1.0.217' (ED25519) to the list of known hosts.
ubuntu@10.1.0.217: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
root@ip-10-1-0-73:/home/ubuntu#
```

