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VPC dashboard

EC2 Global View [Filter by VPC](#)

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 - Carrier gateways
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 - Elastic IPs
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 - NAT gateways
 - Peering connections
- Security

Create VPC **Launch EC2 Instances**

Note: Your Instances will launch in the United States region.

Resources by Region

You are using the following Amazon VPC resources

Resource	United States
VPCs	1
NAT Gateways	0
Subnets	6
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Route Tables	1
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Internet Gateways	1
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Service Health

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Additional Information

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VPC dashboard

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- Virtual private cloud
 - Your VPCs

Your VPCs (1) [Info](#) Last updated less than a minute ago **Actions** **Create VPC**

Name	VPC ID	State	BL
-	vpc-0ecfc1ace11d69281	Available	

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.

lab_vpc

IPv4 CIDR block [Info](#)

☒ IPv4 CIDR manual input

☐ IPAM-allocated IPv4 CIDR block

IPv4 CIDR

10.0.0.0/16

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

The screenshot displays the AWS Management Console interface. On the left is a navigation sidebar with the 'VPC dashboard' selected. The main area shows the 'Subnets (6)' page under the 'Virtual private cloud' section. At the top right, it indicates the last update was 3 minutes ago and provides links for 'Actions' and 'Create subnet'. A search bar contains the placeholder text 'Find resources by attribute or tag'. Below this is a table listing six subnets, all in an 'Available' state. The bottom of the console shows a 'Select a subnet' prompt.

	Name	Subnet ID	State
<input type="checkbox"/>	-	subnet-05c0114fc5ec1ca2f	Available
<input type="checkbox"/>	-	subnet-04d923ca7c1a6e933	Available
<input type="checkbox"/>	-	subnet-0638a813119010859	Available
<input type="checkbox"/>	-	subnet-039d468b7eb06befc	Available
<input type="checkbox"/>	-	subnet-0da710f57f030862a	Available
<input type="checkbox"/>	-	subnet-08a19a96e7b6508cd	Available

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VPC

Subnets

Create subnet

Cancel

Create subnet

Create subnet

Info

VPC

VPC ID

Create subnets in this VPC.

Select a VPC

Q

vpc-0ecfc1ace11d69281
172.31.0.0/16 (default)

vpc-0f9ab9e0bbde93777 (lab_vpc)
10.0.0.0/16

Select a VPC first to create new subnets.

Add new subnet

Cancel

Create subnet

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.

public_subnet

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.

United States (N. Virginia) / us-east-1a

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.

10.0.0.0/16

IPv4 subnet CIDR block

10.0.0.0/24 256 IPs

< > ^ v

Tags - optional

Key

Q Name

Value - optional

Q public_subnet

Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel

Create subnet

Subnet 2 of 2

Subnet name

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

private_subnet

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.

10.0.0.0/16

IPv4 subnet CIDR block

10.0.1.0/24 256 IPs

< > ^ v

Tags - optional

Key

Q Name

Value - optional

Q private_subnet

Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel

Create subnet

aws

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Menu

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Internet gateways (1)

Info

Actions

Create internet gateway

Q Search

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Q

igw-0a0d95299e51911da

Attached

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You have successfully created 2 subnets: subnet-0f8f68fea39d2dea5, subnet-06c2a1c43bce4a73f

Subnets (8)

Find resources by attribute or tag

	Name	Subnet ID	State
<input type="checkbox"/>	-	subnet-04d923ca7c1a6e933	Available
<input type="checkbox"/>	-	subnet-0638a813119010859	Available
<input type="checkbox"/>	-	subnet-039d468b7eb06befc	Available
<input type="checkbox"/>	-	subnet-0da710f57f030862a	Available
<input type="checkbox"/>	-	subnet-08a19a96e7b6508cd	Available
<input type="checkbox"/>	public_subnet	subnet-0f8f68fea39d2dea5	Available
<input type="checkbox"/>	private_subnet	subnet-06c2a1c43bce4a73f	Available

Create subnet

aws

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VPC

Internet gateways

Create internet gateway

Create internet gateway

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.

lab_vpc_IG

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

Q Name X

Q lab_vpc_IG X

Remove

Add new tag

You can add 49 more tags.

Cancel

Create internet gateway

aws

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VPC

Internet gateways

igw-0d792bb87d8348876

The following internet gateway was created: igw-0d792bb87d8348876 - lab_vpc_IG. You can now attach to a VPC to enable the VPC to communicate with the internet.

igw-0d792bb87d8348876 / lab_vpc_IG

Attach to a VPC

Details

Internet gateway ID

igw-0d792bb87d8348876

State

Detached

VPC ID

-

Owner

069642539417

Tags

Search tags

1

Manage tags

Key

Value

Name

lab_vpc_IG

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VPC

Internet gateways

Attach to VPC (igw-0d792bb87d8348876)

The following internet gateway was created: igw-0d792bb87d8348876 - lab_vpc_IG. You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to VPC (igw-0d792bb87d8348876)

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 Select a VPC

vpc-0f9ab9e0bbde93777 - lab_vpc

AWS Command Line Interface command

Cancel

Attach internet gateway

aws

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Route tables (1)

Info

Last updated 25 minutes ago

Actions

Create route table

Find resources by attribute or tag

Name

Route table ID

Explicit subnet associ...

-

rtb-08425255ce6480e23

-

Select a route table

VPC > Route tables > Create route table

Cancel

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.

PUBLIC-RT-lab_vpc

VPC

The VPC to use for this route table.

vpc-0f9ab9e0bbde93777 (lab_vpc)

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

Q Name

X

Q PUBLIC-RT-lab_vpc

X

Remove

Add new tag

You can add 49 more tags.

Cancel

Create route table

aws

Search

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Route table rtb-0fa633cea83a6b66c | PRIVATE-RT-lab_vpc was created successfully.

Route tables (1/4)

Info

Last updated less than a minute ago

Actions

Create route table

Find resources by attribute or tag

Name

Route table ID

Explicit subnet associ...

-

rtb-08425255ce6480e23

-

PUBLIC-RT-lab_vpc

rtb-091054d5b04f4820d

-

-

rtb-0b40f17a8fd93fc8e

-

PRIVATE-RT-lab_vpc

rtb-0fa633cea83a6b66c

-

rtb-0fa633cea83a6b66c / PRIVATE-RT-lab_vpc

Details

Routes

Subnet associations

Edge associations

Route propi

Explicit subnet associations (0)

Edit subnet associations

Find subnet association

Name

Subnet ID

IPv4 CIDR

IPv6 CIDR

No subnet associations

You do not have any subnet associations.

Cancel

Create route table

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/2)

Filter subnet associations

< 1 > ⚙

<input type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table
<input type="checkbox"/>	public_subnet	subnet-0f8f68fea39d2d...	10.0.0.0/24	-	Main (rtb-0...
<input checked="" type="checkbox"/>	private_subnet	subnet-06c2a1c43bce4...	10.0.1.0/24	-	Main (rtb-0...

Selected subnets

subnet-06c2a1c43bce4a73f / private_subnet ✕

Cancel

Save associations

Edit routes

Route 1

Destination

10.0.0.0/16

Target

local

local ✕

Status

Active

Propagated

No

Route 2

Destination

0.0.0.0/0 ✕

Target

Internet Gateway

igw-0d792bb87d8348876 ✕

Use: "igw-0d792bb87d8348876"

igw-0d792bb87d8348876 (lab_vpc_IG)

Status

-

Propagated

No

Add route

Remove

Cancel

Preview

Save changes

Route tables (1/4) Info

Last updated less than a minute ago ⌂

Actions

Create route table

Find resources by attribute or tag

< 1 > ⚙

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associ...
<input type="checkbox"/>	-	rtb-08425255ce6480e23	-
<input checked="" type="checkbox"/>	PUBLIC-RT-lab_vpc	rtb-091054d5b04f4820d	subnet-0f8f68fea39d2de...
<input type="checkbox"/>	-	rtb-0b40f17a8fd93fc8e	-
<input type="checkbox"/>	PRIVATE-RT-lab_vpc	rtb-0fa633cea83a6b66c	subnet-06c2a1c43bce4a7...

rtb-091054d5b04f4820d / PUBLIC-RT-lab_vpc

< Details

Routes

Subnet associations

Edge associations

Route propag >

Routes (2)

Both

Edit routes

Filter routes

< 1 > ⚙

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0d792bb87d83...	Active	No
10.0.0.0/16	local	Active	No