

Google Meet | Notifications | (87) Class 5- VPC and CIDR | InternetGateway | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#InternetGatewayId=igw-070bf15a3b0c297ce

aws Services Search [Alt+S]

VPC gateway igw-070bf15a3b0c297ce successfully attached to vpc-0e27e3987dfd9a720

Notifications 0 0 3 0 0 0

N. Virginia opq @ 9923-8274-8886

VPC dashboard | EC2 Global View | Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | Carrier gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways | Peering connections | Security | Network ACLs

igw-070bf15a3b0c297ce / devopsIGW

Actions ▾

Details Info

Internet gateway ID igw-070bf15a3b0c297ce	State Attached	VPC ID vpc-0e27e3987dfd9a720 Devops	Owner 992382748886
--	-------------------	--	-----------------------

Tags

Key	Value
Name	devopsIGW

Manage tags < 1 > ⚙

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USD/INR +0.20% Search

21:09 ENG IN 20-03-2024 PRE

Google Meet | Notifications | (87) Class 5- VPC and CI | igws | VPC Console | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

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

VPC dashboard | Services | Search [Alt+S] | N. Virginia | opq @ 9923-8274-8886 | ...

Internet gateway igw-070bf15a3b0c297ce successfully attached to vpc-0e27e3987dfd9a720

Notifications 0 0 3 0 0 0 | Actions | Create internet gateway

Internet gateways (2) Info

Name	Internet gateway ID	State	VPC ID	Owner
-	igw-05f1e0ea78e0d7cf9	Attached	vpc-040e02f730b63c44a	992382748
devopsIGW	igw-070bf15a3b0c297ce	Attached	vpc-0e27e3987dfd9a720 Devops	992382748

Select an internet gateway above

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VPC dashboard | EC2 Global View | Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | Carrier gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways | Peering connections | Security | Network ACLs

Google Meet | Notifications | (88) Class 5- VPC and CI | igws | VPC Console | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | CloudShell | Feedback

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

VPC dashboard | EC2 Global View | Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | Carrier gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways | Peering connections | Security | Network ACLs | CloudShell | Feedback

Services | Search [Alt+S] | Notifications 0 | A 0 | W 0 | D 3 | I 0 | C 0 | N. Virginia | opq @ 9923-8274-8886 | ...

Internet gateway igw-070bf15a3b0c297ce successfully attached to [vpc-0e27e3987dfd9a720](#)

Internet gateways (1/2) [Info](#)

Name	Internet gateway ID	State	VPC
-	igw-05f1e0ea78e0d7cf9	Attached	vpc-
<input checked="" type="checkbox"/> devopsIGW	igw-070bf15a3b0c297ce	Attached	vpc-

Actions ▾ | Create internet gateway | View details | Attach to VPC | Detach from VPC | Manage tags | Delete internet gateway | Owner: 992382748

igw-070bf15a3b0c297ce / devopsIGW

Details | Tags

Details

Internet gateway ID igw-070bf15a3b0c297ce	State Attached	VPC ID vpc-0e27e3987dfd9a720 Devops
--	-------------------	--

WhatsApp | Januma | https://youtube.com/shorts/sux6WldMfBQ?si=X78VNX6qAg_6Ea_9 | Type a reply | Send

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | igws | VPC Console | Instances | EC2 | us-east-1 | Fork rakeshrocky423/devops | + | - | X

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

VPC dashboard | Services | Search [Alt+S] | N. Virginia | opq @ 9923-8274-8886 | ...

Internet gateway igw-070bf15a3b0c297ce successfully attached to vpc-0e27e3987dfd9a720

Notifications 0 A 0 O 3 I 0 C 0

Internet gateways (1/2) Info

Name Internet gateway ID

Name	Internet gateway ID	Attached	VPC ID	Owner
-	igw-05f1e0ea78e0d7cf9		vpc-040e02f730b63c44a	992382748
devopsIGW	igw-070bf15a3b0c297ce	Attached	vpc-0e27e3987dfd9a720 Devops	992382748

Actions | Create internet gateway

Internet gateways

- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways
- Peering connections

Security

Network ACLs

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A dropdown menu is open over the second internet gateway row, showing options: Hide menu, More actions, Ask Copilot, and Copy. The 'Copy' option is highlighted.

Google Meet | Notifications | (88) Class 5- VPC and CIDR | subnets | VPC Console | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

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

VPC dashboard | EC2 Global View | Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | Carrier gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways | Peering connections | Security | Network ACLs

aws Services Search [Alt+S]

Subnets (1/1) Info

Find resources by attribute or tag

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-02f9e538971f4b93c	Available	vpc-040e02f730b63c44a	172.31.16.0/20

subnet-02f9e538971f4b93c

Details | Flow logs | Route table | Network ACL | CIDR reservations | Sharing | Tags

Details

Subnet ID subnet-02f9e538971f4b93c	Subnet ARN arn:aws:ec2:us-east-1:992382748886:subnet/subnet-02f9e538971f4b93c	State Available	IPv4 CIDR 172.31.16.0/20
Available IPv4 addresses 4090		Availability Zone us-east-1d	Availability Zone ID use1-az4
	IPv6 CIDR		

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateSubnet | VPC Cons | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID
Create subnets in this VPC.
Select a VPC

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

Select a VPC first to create new subnets.

Add new subnet

Cancel **Create subnet**

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateSubnet | VPC Cons | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID
Create subnets in this VPC.

Associated VPC CIDRs

IPv4 CIDRs
10.180.0.0/16

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

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Google Meet | Notifications | (88) Class 5- VPC an | CreateSubnet | VPC Cons | Instances | EC2 | us-east- | Fork rakeshrocky423/de | + | - | X

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

aws Services Search [Alt+S]

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 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

IPv4 subnet CIDR block

< > ^ ^

Tags - optional

Key	Value - optional
<input type="text" value="Name"/> <input type="button" value="X"/>	<input type="text" value="pubsub1"/> <input type="button" value="X"/> <input type="button" value="Remove"/>

Add new tag
You can add 49 more tags.

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

aws Services Search [Alt+S]

Subnet 2 of 2

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 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

IPv4 subnet CIDR block
 256 IPs
< > ^ v

Tags - optional

Key	Value - optional
<input type="text" value="Name"/> X	<input type="text" value="pubsub2"/> X Remove

Add new tag
You can add 49 more tags.
[Remove](#)

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateSubnet | VPC Cons | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

Subnet 3 of 3

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

IPv4 subnet CIDR block
 256 IPs
< > ^ v

Tags - optional

Key	Value - optional
<input type="text" value="Name"/>	<input type="text" value="privsub1"/> Remove

Add new tag You can add 49 more tags. Remove

Add new subnet

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Search

File Explorer Task View Taskbar

Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateSubnet | VPC Cons | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | □ | X

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

aws Services Search [Alt+S]

VPC > Subnets > Create subnet

Creating subnets...

We are currently creating subnets.

Creating subnet 1
1%

Details

- Creating subnet 1
- Creating subnet 2
- Creating subnet 3
- Creating subnet 4

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21:35 20-03-2024 ENG IN 2024

The screenshot shows the AWS VPC Subnets management interface. A success message at the top indicates four subnets have been created. The main table lists four subnets: privsub1, pubsub1, and pubsub2, each with its subnet ID, state (Available), VPC ID, and IPv4 CIDR range.

Name	Subnet ID	State	VPC	IPv4 CIDR
privsub1	subnet-01d34f155fe641c8a	Available	vpc-0e27e3987dfd9a720 Dev...	10.180.2.0/24
pubsub1	subnet-014e7b084e7be650b	Available	vpc-0e27e3987dfd9a720 Dev...	10.180.0.0/24
pubsub2	subnet-0a5db988aa0e3d281	Available	vpc-0e27e3987dfd9a720 Dev...	10.180.1.0/24

Subnets (4) Info

Find resources by attribute or tag

Subnet ID : subnet-014e7b084e7be650b X Subnet ID : subnet-0a5db988aa0e3d281 X Subnet ID : subnet-01d34f155fe641c8a X Show more (+1)

Create subnet

Clear filters

Select a subnet

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateRouteTable | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

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.

my-route-table-01

VPC
The VPC to use for this route table.

Select a 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.

No tags associated with the resource.

Add new tag

You can add 50 more tags.

Cancel **Create route table**

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Watchlist Ideas 1

Search

21:37 20-03-2024 ENG IN

Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateRouteTable | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

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.

publicRTB

VPC
The VPC to use for this route table.

vpc-0e27e3987dfd9a720 (Devops)

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 - <i>optional</i>
<input type="text" value="Name"/> <input type="button" value="X"/>	<input type="text" value="publicRTB"/> <input type="button" value="X"/> <input type="button" value="Remove"/>

Add new tag

You can add 49 more tags.

Cancel

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | RouteTableDetails | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05b18642a59a79afc

aws Services Search [Alt+S]

VPC dashboard | Route table rtb-05b18642a59a79afc | publicRTB was created successfully.

EC2 Global View | Filter by VPC: Select a VPC | N. Virginia | opq @ 9923-8274-8886

VPC > Route tables > rtb-05b18642a59a79afc

rtb-05b18642a59a79afc / publicRTB

Actions ▾

Details Info

Route table ID rtb-05b18642a59a79afc	Main No	Explicit subnet associations -	Edge associations -
VPC vpc-0e27e3987dfd9a720 Devops	Owner ID 992382748886		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status
10.180.0.0/16	local	Active

Filter routes

Create route Table

Route table settings

Tags

Snipping Tool

Screenshot copied to clipboard and saved
Select here to mark up and share.

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Search

21:38 20-03-2024 ENG IN

Google Meet | Notifications | (88) Class 5- VPC and CIDR | CreateRouteTable | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

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 - <i>optional</i>
<input type="text" value="Name"/> <input type="button" value="X"/>	<input type="text" value="privRTB"/> <input type="button" value="Remove"/>

You can add 49 more tags.

Cancel

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | RouteTableDetails | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05b18642a59a79afc

aws Services Search [Alt+S]

VPC dashboard X
EC2 Global View Filter by VPC: Select a VPC
Virtual private cloud Your VPCs Subnets **Route tables** Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways Peering connections
Security Network ACLs

VPC > Route tables > rtb-05b18642a59a79afc

rtb-05b18642a59a79afc / publicRTB

Actions ▾

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-05b18642a59a79afc	No	-	-
VPC	Owner ID		
vpc-0e27e3987dfd9a720 Devops	992382748886		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
10.180.0.0/16	local	Active	No

Both ▾ Edit routes < 1 > ⚙️

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | EditRouteTableSubnetAssociations | Instances | EC2 | us-east- | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-05b18642a59a79afc | A | ⚡ | 🌐 | ⚙ | N. Virginia | opq @ 9923-8274-8886 | ... | 🔍

aws Services Search [Alt+S]

VPC > Route tables > rtb-05b18642a59a79afc > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Filter subnet associations					
	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	privsub1	subnet-01d34f155fe641c8a	10.180.2.0/24	-	Main (rtb-048ec3c368b67c2d3)
<input checked="" type="checkbox"/>	pubsub1	subnet-014e7b084e7be650b	10.180.0.0/24	-	Main (rtb-048ec3c368b67c2d3)
<input checked="" type="checkbox"/>	pubsub2	subnet-0a5db988aa0e3d281	10.180.1.0/24	-	Main (rtb-048ec3c368b67c2d3)
<input type="checkbox"/>	privsub2	subnet-0ffa776134b457edc	10.180.3.0/24	-	Main (rtb-048ec3c368b67c2d3)

Selected subnets

subnet-014e7b084e7be650b / pubsub1 X subnet-0a5db988aa0e3d281 / pubsub2 X

Cancel **Save associations**

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | RouteTableDetails | VPC | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-0a64888863eeb717d [Alt+S]

aws Services Search N. Virginia opq @ 9923-8274-8886

VPC dashboard X
EC2 Global View Filter by VPC: Select a VPC
Virtual private cloud Your VPCs Subnets **Route tables** Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services NAT gateways Peering connections
Security Network ACLs

VPC > Route tables > rtb-0a64888863eeb717d
rtb-0a64888863eeb717d / privRTB Actions ▾

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a64888863eeb717d	No	-	-
VPC	Owner ID		
vpc-0e27e3987dfd9a720 Devops	992382748886		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
10.180.0.0/16	local	Active	No

Filter routes Both ▾ Edit routes < 1 > ⚙️

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | EditRouteTableSubnetAssociations | Instances | EC2 | us-east | Fork rakeshrocky423/den | +

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-0a6488863eeb717d

aws Services Search [Alt+S]

VPC > Route tables > rtb-0a6488863eeb717d > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (4)

<input type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	privsub1	subnet-01d34f155fe641c8a	10.180.2.0/24	-	Main (rtb-048ec3c368b67c2d3)
<input type="checkbox"/>	pubsub1	subnet-014e7b084e7be650b	10.180.0.0/24	-	rtb-05b18642a59a79afc / publicRTB
<input type="checkbox"/>	pubsub2	subnet-0a5db988aa0e3d281	10.180.1.0/24	-	rtb-05b18642a59a79afc / publicRTB
<input type="checkbox"/>	privsub2	subnet-0ffa776134b457edc	10.180.3.0/24	-	Main (rtb-048ec3c368b67c2d3)

Filter subnet associations

Cancel Save associations

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26°C Partly cloudy 21:42 EN IN 20-03-2024 PRE

Google Meet | Notifications | (88) Class 5- VPC and CIDR | EditRoutes | VPC Console | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#EditRoutes:RouteTableId=rtb-05b18642a59a79afc

aws Services Search [Alt+S]

VPC > Route tables > rtb-05b18642a59a79afc > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.180.0.0/16	local	Active	No

Add route

Cancel Preview Save changes

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1 26°C Partly cloudy Search

21:44 ENG IN 20-03-2024

Google Meet | Notifications | (88) Class 5- VPC and CIDR | RouteTableDetails | VPC | Instances | EC2 | us-east | Fork rakeshrocky423/den

https://us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTableDetails:RouteTableId=rtb-05b18642a59a79afc

VPC dashboard | EC2 Global View | Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | Carrier gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways | Peering connections | Security | Network ACLs

Services | Search [Alt+S] | N. Virginia | opq @ 9923-8274-8886 | CloudShell | Feedback | © 2024, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | 30° Mostly clear | 21:47 | ENG IN | 20-03-2024 | PBE

Updated routes for rtb-05b18642a59a79afc / publicRTB successfully

Details

VPC > Route tables > rtb-05b18642a59a79afc

rtb-05b18642a59a79afc / publicRTB

Actions

Details Info

Route table ID rtb-05b18642a59a79afc	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-0e27e3987dfd9a720 Devops	Owner ID 992382748886		

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Filter routes Both Edit routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-070bf15a3b0c297ce	Active	No
10.180.0.0/16	local	Active	No

Google Meet | Notifications | (88) Class 5- VPC an | Launch an instance | EC2 | Instances | EC2 | us-east- | Fork rakeshrocky423/de | + | - | X

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

aws Services Search [Alt+S]

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 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

Quick Start

Amazon macOS Ubuntu Windows Red Hat SUSE Li

Summary

Number of instances Info 1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...[read more](#)
ami-0d7a109bf30624c99

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 t2.micro is unavailable) instance usage on free tier AMIs per month.

Cancel **Launch instance** Review commands

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INR/USD -0.21% 21:52 ENG IN 20-03-2024 21:52 20-03-2024

Search

File Explorer Task View Taskbar

Google Meet | Notifications | (88) Class 5- VPC and CIDR | Launch an instance | EC2 | Instances | EC2 | us-east | Fork rakeshrocky423/den

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

aws Services Search [Alt+S]

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: 0.0716 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 before you launch the instance.

Key pair name - required Select

Network settings Info

Network Info
vpc-040e02f730b63c44a

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

Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.
Enter key pair name

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](#)

Cancel Create key pair

Launch instance Review commands

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Google Meet | Notifications | (88) Class 5- VPC and CIDR | Launch an instance | EC2 | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

Network settings

VPC - required Info
vpc-040e02f730b63c44a (default)
172.31.0.0/16

Subnet Info
No preference Create new subnet

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-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
launch-wizard-6 created 2024-03-20T16:21:53.283Z

Inbound Security Group Rules

Summary

Number of instances Info
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0d7a109bf30624c99

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 t2.micro is unavailable) instance usage on free tier AMIs per month.

Cancel Launch instance Review commands

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Watchlist Ideas 1 Search ENG IN 21:54 20-03-2024 PRE

The screenshot shows the AWS Cloud9 interface with multiple tabs open. The main tab displays the configuration for launching a new EC2 instance. Key details include:

- VPC - required**: Set to "vpc-0e27e3987dfd9a720 (Devops) 10.180.0.0/16".
- Subnet**: Set to "subnet-014e7b084e7be650b pubsub1".
- Auto-assign public IP**: Set to "Enable".
- Firewall (security groups)**: Set to "Create security group".
- Security group name - required**: Set to "launch-wizard-6".
- Description - required**: Set to "launch-wizard-6 created 2024-03-20T16:21:53.283Z".
- Inbound Security Group Rules**: One rule is listed: "Security group rule 1 (TCP, 22, 0.0.0.0/0)".

The right side of the screen shows the "Summary" section of the launch wizard, which includes:

- Number of instances**: Set to "1".
- Software Image (AMI)**: Set to "Amazon Linux 2023 AMI 2023.3.2...read more ami-0d7a109bf30624c99".
- Virtual server type (instance type)**: Set to "t2.micro".
- Firewall (security group)**: Set to "New security group".
- Storage (volumes)**: Set to "1 volume(s) - 8 GiB".

A modal window titled "Free tier: In your first year" provides information about free usage limits.

At the bottom, there are "Cancel", "Launch instance", and "Review commands" buttons.

Google Meet | Notifications | (88) Class 5- VPC and CIDR | Launch an instance | EC2 | Instances | EC2 | us-east-1 | Fork rakeshrocky423/dev | + | - | X

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

aws Services Search [Alt+S]

EC2 > Instances > Launch an instance

Success
Successfully initiated launch of instance (i-0c11187913e375871)

▶ Launch log

Next Steps

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

1 2 3 4 5 6 >

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 a new RDS database](#)
[Learn more](#)

Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots.
[Create EBS snapshot policy](#)

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