

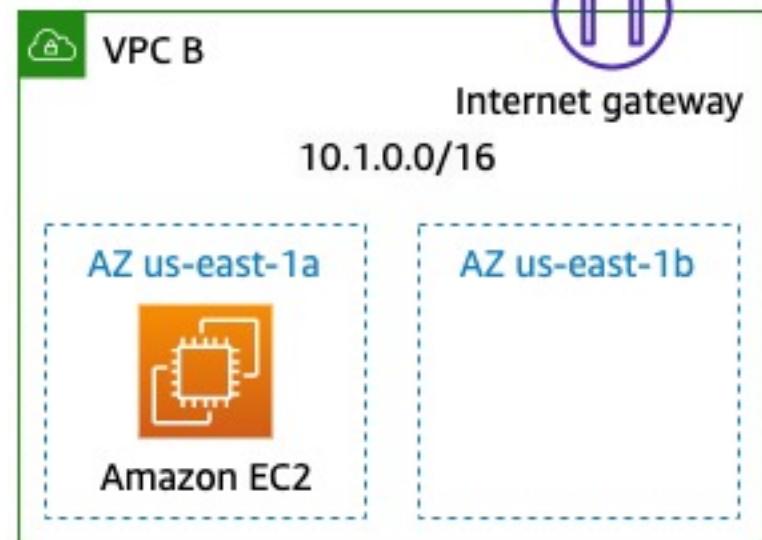


AWS Cloud



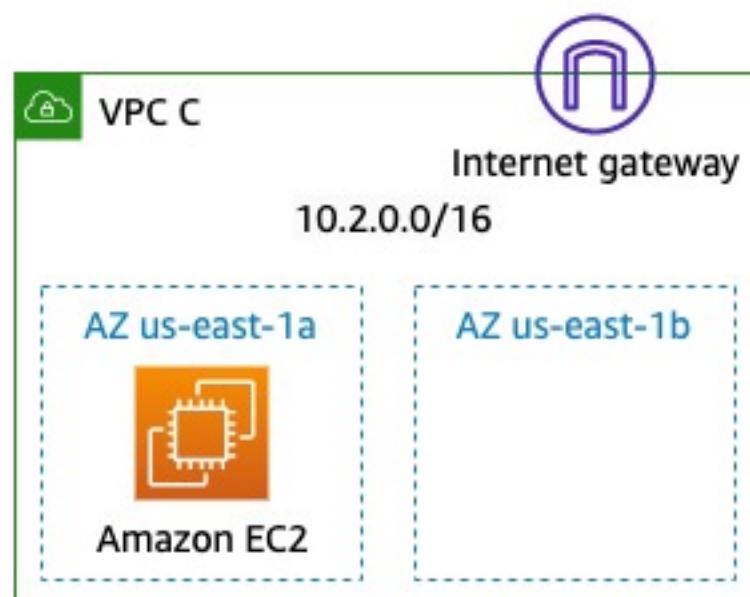
Internet gateway

10.0.0.0/16



Internet gateway

10.1.0.0/16



Internet gateway

10.2.0.0/16



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ 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.

VPC B

IPv4 CIDR block Info

 IPv4 CIDR manual input IPAM-allocated IPv4 CIDR block

IPv4 CIDR

10.1.0.0/16

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

IPv6 CIDR block Info

 No IPv6 CIDR block IPAM-allocated IPv6 CIDR block

 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

≡ VPC > Subnets > Create subnet

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 2

Subnet name

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

 VPC A - AZ1

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) / use1-az2 (us-east-1a)

IPv4 VPC CIDR block Info

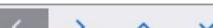
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

 10.0.0.0/16

IPv4 subnet CIDR block

 10.0.0.0/24

256 IPs



▼ Tags - optional

 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

[☰](#) [VPC](#) > [Internet gateways](#) > Attach to VPC (igw-04dc44bd1636af532)

✓ The following internet gateway was created: igw-04dc44bd1636af532 - VPC C - IGW. You can now attach to a VPC to enable the VPC to communicate with the internet.

[Attach to a VPC](#)Notifications 0 0 5 0 0 ▼

Attach to VPC (igw-04dc44bd1636af532) 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-0a33f95afb781f456 X

▶ AWS Command Line Interface command

[Cancel](#)[Attach internet gateway](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Route tables > rtb-09d0f39e89d000fc1 > Edit routes



Edit routes

Destination	Target	Status	Propagated	Route Origin
10.0.0.0/16	local	<input checked="" type="checkbox"/> Active	No	CreateRouteTable
0.0.0.0/0	Internet Gateway	-	No	CreateRoute

[Add route](#)[Cancel](#)[Preview](#)[Save changes](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

VPC > Your VPCs

VPC dashboard

EC2 Global View

Filter by 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

NAT gateways

Peering connections

Route servers New

▼ Security

CloudShell Feedback

Last updated
5 minutes ago

Actions ▾

Create VPC

Your VPCs (1/4) Info

Find VPCs by attribute or tag

Name	VPC ID	State	Block Public...	IPv4 CIDR
-	vpc-0cfbf1628dc3a1406	Available	Off	172.31.0.0/16
VPC A	vpc-04414b0dc315a9384	Available	Off	10.0.0.0/16
VPC B	vpc-032fbf93dd8ca4892	Available	Off	10.1.0.0/16
VPC C	vpc-0a33f95afb781f456	Available	Off	10.2.0.0/16

vpc-0a33f95afb781f456 / VPC C

Subnets (2)

Subnets within this VPC

us-east-1b

B VPC C - AZ1

B VPC C - AZ2

Route tables (1)

Route network traffic to resources

VPC C Route Table

Network Connections (1)

Connections to other networks

VPC C - IGW



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ EC2 > Instances > Launch an instance



Name and tags Info

Name

EC2 VPC A - AZ1

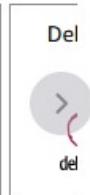
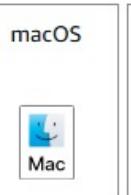
[Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) Info

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

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

Quick Start

[Browse more AMIs](#)

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023.8.2... [read more](#)
ami-08982f1c5bf93d976

Virtual server type (instance type)

t3.micro

Firewall (security group)

New security group

Storage (volumes)

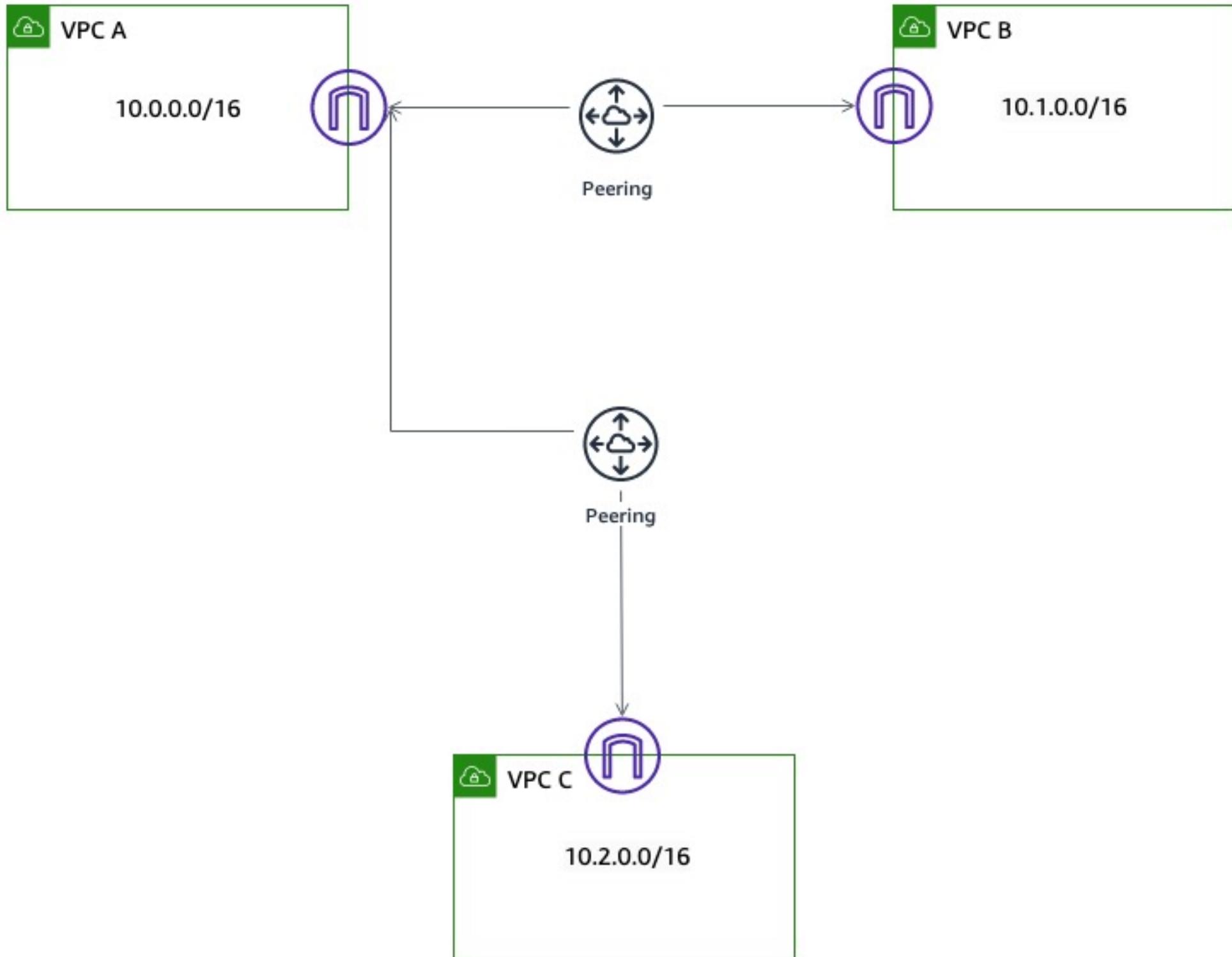
1 volume(s) - 8 GiB

[Cancel](#)[Launch instance](#)[Preview code](#)

```
sh-5.2$ ping 10.1.0.203
PING 10.1.0.203 (10.1.0.203) 56(84) bytes of data.
64 bytes from 10.1.0.203: icmp_seq=1 ttl=127 time=0.024 ms
64 bytes from 10.1.0.203: icmp_seq=2 ttl=127 time=0.033 ms
64 bytes from 10.1.0.203: icmp_seq=3 ttl=127 time=0.030 ms
64 bytes from 10.1.0.203: icmp_seq=4 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=5 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=6 ttl=127 time=0.028 ms
64 bytes from 10.1.0.203: icmp_seq=7 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=8 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=9 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=10 ttl=127 time=0.030 ms
64 bytes from 10.1.0.203: icmp_seq=11 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=12 ttl=127 time=0.032 ms
64 bytes from 10.1.0.203: icmp_seq=13 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=14 ttl=127 time=0.028 ms
64 bytes from 10.1.0.203: icmp_seq=15 ttl=127 time=0.078 ms
64 bytes from 10.1.0.203: icmp_seq=16 ttl=127 time=0.032 ms
64 bytes from 10.1.0.203: icmp_seq=17 ttl=127 time=0.030 ms
64 bytes from 10.1.0.203: icmp_seq=18 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=19 ttl=127 time=0.038 ms
64 bytes from 10.1.0.203: icmp_seq=20 ttl=127 time=0.034 ms
64 bytes from 10.1.0.203: icmp_seq=21 ttl=127 time=0.030 ms
64 bytes from 10.1.0.203: icmp_seq=22 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=23 ttl=127 time=0.028 ms
64 bytes from 10.1.0.203: icmp_seq=24 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=25 ttl=127 time=0.036 ms
64 bytes from 10.1.0.203: icmp_seq=26 ttl=127 time=0.037 ms
64 bytes from 10.1.0.203: icmp_seq=27 ttl=127 time=0.030 ms
64 bytes from 10.1.0.203: icmp_seq=28 ttl=127 time=0.032 ms
64 bytes from 10.1.0.203: icmp_seq=29 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=30 ttl=127 time=0.031 ms
64 bytes from 10.1.0.203: icmp_seq=31 ttl=127 time=0.032 ms
64 bytes from 10.1.0.203: icmp_seq=32 ttl=127 time=0.033 ms
64 bytes from 10.1.0.203: icmp_seq=33 ttl=127 time=0.029 ms
64 bytes from 10.1.0.203: icmp_seq=34 ttl=127 time=0.030 ms
```



AWS Cloud





Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

EC2 > Instances



EC2

Dashboard

EC2 Global View

Events

▼ Instances

[Instances](#)

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Instances (1/5) [Info](#)

Connect

Instance state ▾

Actions ▾

Launch instances

 Find Instance by attribute or tag (case-sensitive)

All states ▾



<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	EC2 VPC A - AZ1	i-0ee9a1f3ad822c8a0	Terminated	t3.micro	-	View alarms +	us-east-1b
<input checked="" type="checkbox"/>	EC2 VPC A - AZ1	i-028c32ddd2d71596b	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a
<input type="checkbox"/>	EC2 VPC B - AZ1	i-0340e6371f9be55ea	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a
<input type="checkbox"/>	EC2 VPC C - AZ1	i-0e6da88d34f2a0a22	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1b
<input type="checkbox"/>	EC2 VPC C - AZ1	i-0a219063dc4254944	Terminated	t3.micro	-	View alarms +	us-east-1b

i-028c32ddd2d71596b (EC2 VPC A - AZ1)[Details](#)[Status and alarms](#)[Monitoring](#)[Security](#)[Networking](#)[Storage](#)[Tags](#)▼ Instance summary [Info](#)

Instance ID

i-028c32ddd2d71596b

Public IPv4 address

 44.205.253.206 | [open address](#)

Private IPv4 addresses

10.0.0.235



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Peering connections > Create peering connection



Create peering connection

A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them privately. [Info](#)

Peering connection settings

Name - optional

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

VPC A <-> VPC B

Select a local VPC to peer with

VPC ID (Requester)

vpc-04414b0dc315a9384 (VPC A)



VPC CIDRs for vpc-04414b0dc315a9384 (VPC A)

CIDR	Status	Status reason
10.0.0.0/16	Associated	-

Select another VPC to peer with

Account

- My account
- Another account



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...



VPC

Peering connections

pcx-00635f8dc0a33be23



VPC dashboard

EC2 Global View

Filter by 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

NAT gateways

Peering connections

Route servers New

Security

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

A VPC peering connection pcx-00635f8dc0a33be23 / VPC A <-> VPC B has been requested.

pcx-00635f8dc0a33be23 / VPC A <-> VPC B

Actions ▾

Pending acceptance

You can accept or reject this peering connection request using the 'Actions' menu. You have until Tuesday, September 30, 2025 at 15:32:12 GMT+7 to accept or reject.

Accept VPC peering connection request Info

Are you sure you want to accept this VPC peering connection request? (pcx-00635f8dc0a33be23 / VPC A <-> VPC B)

Details Info

Requester owner

 654163637741

Peering connection

 pcx-00635f8dc0a33be23

Status

 Pending Acceptance

Expiration time

Tuesday, September 30, 2025

Acceptor VPC

[vpc-032fbf93dd8ca4892 / VPC B](#)

Requester CIDRs

 10.0.0.0/16

Requester Region

N. Virginia (us-east-1)

Acceptor owner ID

 654163637741(This account)

Acceptor CIDRs

 10.0.0.0/16

Acceptor Region

N. Virginia (us-east-1)

Cancel

Accept request

N. Virginia (us-east-1)

DNS

Route tables

Tags

DNS settings

Route tables

 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

[☰](#) [VPC](#) > [Transit gateways](#) > [Create transit gateway](#)

Create transit gateway Info

A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within the same AWS account or across AWS accounts.

Details - optional

Name tag

Creates a tag with the key set to Name and the value set to the specified string.

TGW

Description | [Info](#)

Set the description of your transit gateway to help you identify it in the future.

Lab Transit Gateway TGW

Configure the transit gateway

Amazon side Autonomous System Number (ASN) | [Info](#)

64512

 DNS support [Info](#) Security Group Referencing support [Info](#) VPN ECMP support [Info](#) Default route table association [Info](#)

 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

[☰ VPC](#) > [Transit gateway attachments](#) > Create transit gateway attachment

Create transit gateway attachment Info

A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within the same AWS account or across AWS accounts.

Details

Name tag - optional

Creates a tag with the key set to Name and the value set to the specified string.

VPC A Attachment

Transit gateway ID Info

tgw-03df758db012daa22

**Attachment type** Info

VPC



VPC attachment

Select and configure your VPC attachment.

 DNS support Info Security Group Referencing support Info IPv6 support Info Appliance Mode support Info



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...



VPC > Transit gateway route tables

Verified access endpoints

▼ Transit gateways

Transit gateways

Transit gateway attachments

Transit gateway policy tables

Transit gateway route tables

Transit gateway multicast

▼ Traffic Mirroring

Mirror sessions

Mirror targets

Mirror filters

Network Manager ▾

Cloud WAN ▾

VPC IP Address Manager ▾

AWS Firewall Manager ▾

Transit gateway route tables (1/1) Info

Find transit gateway route table by attribute or tag



Actions ▾

Create transit gateway route table

< 1 > ⚙️ Name 🔗

Transit gateway route table ID

Transit gateway ID

State

Default association route

[tgw-rtb-009b53a33486c88ff](#)[tgw-03df758db012daa22](#)Available

Yes

Transit gateway route tables: tgw-rtb-009b53a33486c88ff

Routes (3) Info

Find route by attribute or tag



Actions ▾

Create static route

< 1 > ⚙️

CIDR

Attachment ID

Resource ID

Resource t...

Route type

Route state

10.0.0.0/16

[tgw-attach-02f822602297c659e](#)

vpc-04414b0dc315a9384

VPC

Propagated

Active

10.1.0.0/16

[tgw-attach-0b74c2337db1fb1d6](#)

vpc-032fbf93dd8ca4892

VPC

Propagated

Active

10.2.0.0/16

[tgw-attach-037bec9212f7b9b85](#)

vpc-0a33f95afb781f456

VPC

Propagated

Active



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Route tables > rtb-09d0f39e89d000fc1 > Edit routes



Edit routes

Destination**Target****Status****Propagated****Route Origin**

10.0.0.0/16

local

🕒 Active

No

CreateRouteTable

 10.1.0.0/16 X

Peering Connection

🕒 Active

No

CreateRoute

Remove 10.2.0.0/16 X

Peering Connection

🕒 Active

No

CreateRoute

Remove 0.0.0.0/0 X

Internet Gateway

🕒 Active

No

CreateRoute

Remove 10.0.0.0/8 X

Transit Gateway

-

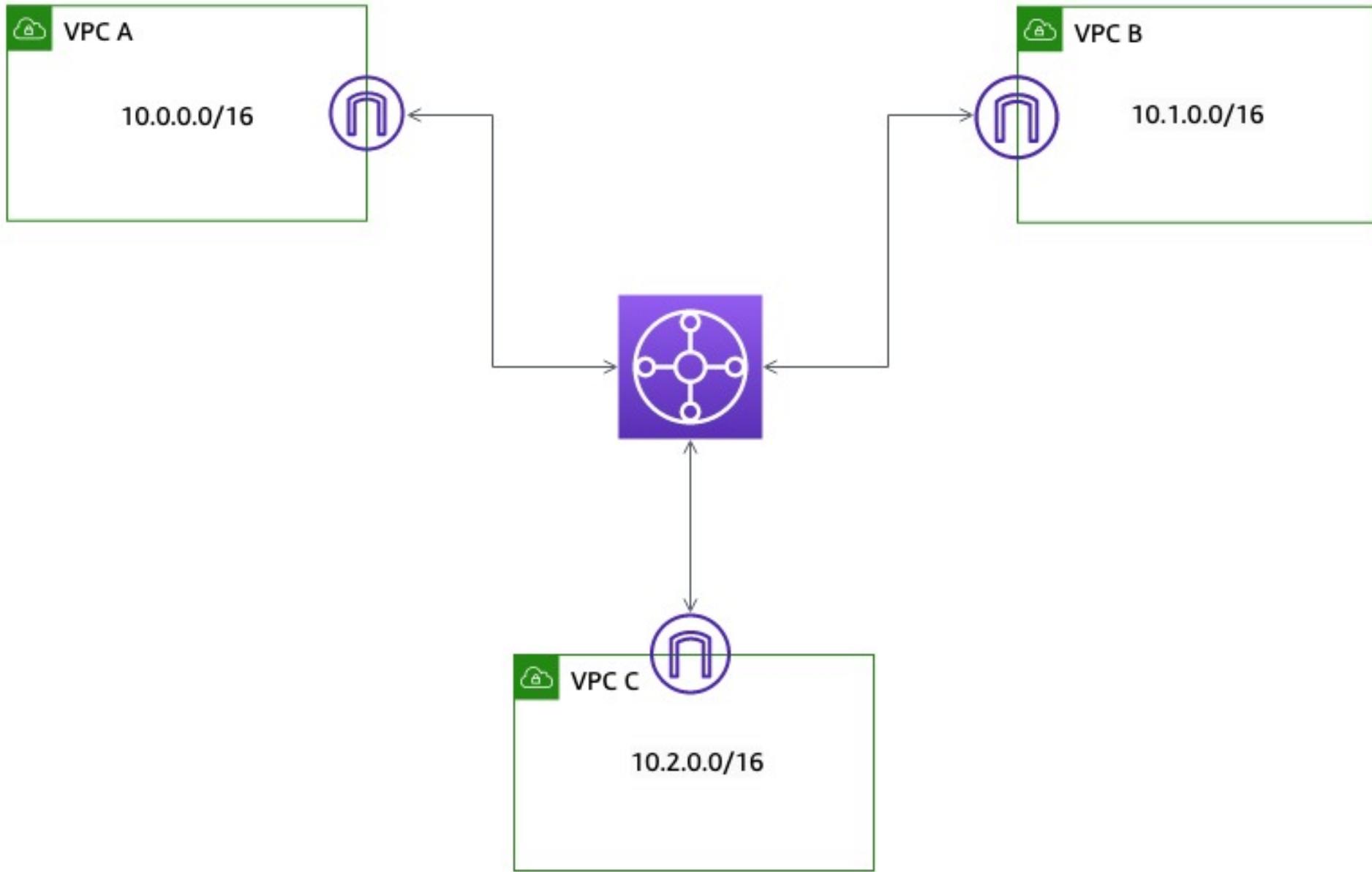
No

CreateRoute

Remove tgw-03df758db012daa22 XAdd routeCancelPreviewSave changes



AWS Cloud



 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...



CloudWatch > Log groups > Create log group



CloudWatch



Favorites and recents

Dashboards [New](#)▶ AI Operations [New](#)▶ Alarms ⚠ 0 ✖ 0 ... 0

Logs

[Log groups](#)

Log Anomalies

Live Tail

Logs Insights

Contributor Insights

Metrics

▶ Application Signals [New](#)
(APM)

Create log group

Log group details [Info](#)

CloudWatch Logs offers two log classes: Standard and Infrequent Access. [Learn more about the features offered by each log class.](#)

Log group name

VPCFlowLog

Retention setting

Never expire

Log class [Info](#)

Standard

KMS key ARN - optional

[CloudShell](#)

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Your VPCs > Create flow logs



Create flow log Info

Flow logs can capture IP traffic flow information for the network interfaces associated with your resources. You can create multiple flow logs to send traffic to different destinations.

Selected resources Info

Flow logs will only be created for resources in an available state.

Name	Resource ID	State
VPC A	vpc-04414b0dc315a9384	Available



Flow log settings

Name - optional

Filter

The type of traffic to capture (accepted traffic only, rejected traffic only, or all traffic).

- Accept
- Reject
- All

Maximum aggregation interval Info

The maximum interval of time during which a flow of packets is captured and aggregated into a flow log record.

- 10 minutes
- 1 minute

[CloudShell](#)

© 2025, Amazon Web Services, Inc. or its affiliates.

[Privacy](#) [Terms](#) [Cookie preferences](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range	Source Info	Description - optional Info
------------------------	---------------------------	-------------------------------	------------	-----------------------------	---

		Info			
sgr-05de79a7e8cdc7d0c	Custom TCP	TCP	5201	Cust... ▾	<input type="text"/> Delete
sgr-0c15930258d9b7c7e	Custom TCP	ICMP	All	Cust... ▾	<input type="text"/> Delete

	<input type="text"/> Delete

[Add rule](#)

- Custom TCP
- Custom UDP
- Custom ICMP - IPv4
- Custom Protocol
- All TCP
- All UDP
- All ICMP - IPv4
- All ICMP - IPv6
- All traffic

TCP

5201

Cust... ▾

[Delete](#)

ICMP

All

Cust... ▾

[Delete](#)[Cancel](#)[Preview changes](#)[Save rules](#)

```
sh-5.2$ sudo yum install iperf3 -y
Amazon Linux 2023 Kernel Livepatch repository
Dependencies resolved.

Transaction Summary
Install 2 Packages

Total download size: 216 kB
Installed size: 571 kB
Downloading Packages:
(1/2): iperf3-3.18-1.amzn2023.x86_64.rpm
(2/2): lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64.rpm
Total                                         2.8 MB/s | 216 kB    00:00
                                         1.9 MB/s | 92 kB    00:00
Preparing :                                         1/1
Installing : lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64
Installing : iperf3-3.18-1.amzn2023.x86_64
Running scriptlet: iperf3-3.18-1.amzn2023.x86_64
Verifying   : iperf3-3.18-1.amzn2023.x86_64
Verifying   : lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64
Installed:
  iperf3-3.18-1.amzn2023.x86_64
                                         lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64
```

```
iperf3           x86_64          3.18-1.amzn2023      amazonlinux      124 kB
Installing dependencies:
lksctp-tools     x86_64          1.0.18-9.amzn2023.0.3  amazonlinux      92 kB

Transaction Summary
=====
Install 2 Packages

Total download size: 216 kB
Installed size: 571 kB
Downloading Packages:
(1/2): iperf3-3.18-1.amzn2023.x86_64.rpm          2.8 MB/s | 124 kB    00:00
(2/2): lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64.rpm 1.9 MB/s | 92 kB    00:00
-----
Total                                         2.8 MB/s | 216 kB    00:00

Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing           : 1/1
  Installing         : lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64 1/2
  Installing         : iperf3-3.18-1.amzn2023.x86_64          2/2
  Running scriptlet: iperf3-3.18-1.amzn2023.x86_64          2/2
  Verifying          : iperf3-3.18-1.amzn2023.x86_64          1/2
  Verifying          : lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64 2/2

Installed:
  iperf3-3.18-1.amzn2023.x86_64                  lksctp-tools-1.0.18-9.amzn2023.0.3.x86_64

Complete!
sh-5.2$ iperf3 -s
-----
Server listening on 5201 (test #1)
```

```
Complete!
sh-5.2$ iperf3 -c 10.1.0.203 -P 2 -t 30
Connecting to host 10.1.0.203, port 5201
[ 5] local 10.0.0.235 port 50524 connected to 10.1.0.203 port 5201
[ 7] local 10.0.0.235 port 50526 connected to 10.1.0.203 port 5201
[ ID] Interval      Transfer     Bitrate      Retr  Cwnd
[ 5]  0.00-1.00    sec   299 MBytes   2.50 Gbits/sec  160   800 KBytes
[ 7]  0.00-1.00    sec   291 MBytes   2.44 Gbits/sec  141   792 KBytes
[SUM]  0.00-1.00    sec   590 MBytes   4.95 Gbits/sec  301
- - - - -
[ 5]  1.00-2.00    sec   273 MBytes   2.29 Gbits/sec  76   478 KBytes
[ 7]  1.00-2.00    sec   290 MBytes   2.43 Gbits/sec  114   553 KBytes
[SUM]  1.00-2.00    sec   563 MBytes   4.72 Gbits/sec  190
- - - - -
[ 5]  2.00-3.00    sec   290 MBytes   2.43 Gbits/sec  89   619 KBytes
[ 7]  2.00-3.00    sec   252 MBytes   2.11 Gbits/sec  82   528 KBytes
[SUM]  2.00-3.00    sec   542 MBytes   4.54 Gbits/sec  171
- - - - -
[ 5]  3.00-4.00    sec   281 MBytes   2.36 Gbits/sec  128   610 KBytes
[ 7]  3.00-4.00    sec   293 MBytes   2.46 Gbits/sec  139   940 KBytes
[SUM]  3.00-4.00    sec   574 MBytes   4.82 Gbits/sec  267
- - - - -
[ 5]  4.00-5.00    sec   288 MBytes   2.42 Gbits/sec  143   784 KBytes
[ 7]  4.00-5.00    sec   292 MBytes   2.45 Gbits/sec  225   767 KBytes
[SUM]  4.00-5.00    sec   580 MBytes   4.87 Gbits/sec  368
- - - - -
[ 5]  5.00-6.00    sec   265 MBytes   2.22 Gbits/sec  87   528 KBytes
[ 7]  5.00-6.00    sec   310 MBytes   2.60 Gbits/sec  85   726 KBytes
[SUM]  5.00-6.00    sec   574 MBytes   4.82 Gbits/sec  172
- - - - -
[ 5]  6.00-7.00    sec   279 MBytes   2.34 Gbits/sec  184   446 KBytes
[ 7]  6.00-7.00    sec   281 MBytes   2.36 Gbits/sec  158   619 KBytes
[SUM]  6.00-7.00    sec   561 MBytes   4.70 Gbits/sec  342
- - - - -
[ 5]  7.00-8.00    sec   160 MBytes   1.34 Gbits/sec  81   487 KBytes
```



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...



CloudWatch > Logs Insights



CloudWatch



Favorites and recents



Dashboards

▶ AI Operations New▶ Alarms 0 0 0

▼ Logs

Log groups

Log Anomalies

Live Tail

Logs Insights

Contributor Insights

▶ Metrics

▶ Application Signals
(APM)GenAI Observability Preview

▼ Network Monitoring

Flow monitors

Internet monitors

Logs Insights

Analyze with OpenSearch - new

Logs Insights InfoSelect log groups, and then run a query or [choose a sample query](#).[Start tailing](#)

Logs Insights QL

OpenSearch PPL

OpenSearch SQL

5m

30m

1h

3h

12h

Custom

Compare (Off)

UTC timezone

Select log groups by

Selection criteria

Log group name

Select up to 50 log groups

[Browse log groups](#)

VPCFlowLog

[Clear all](#)

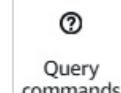
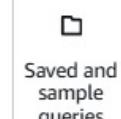
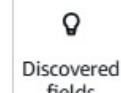
```
1 stats sum(bytes) as bytesTransferred by srcAddr, dstAddr
2 | sort bytesTransferred desc
3 | limit 10
```

Query generator

[Run query](#)[Cancel](#)[Save](#)[History](#)

Logs Insights QL query can run for maximum of 60 minutes.

Completed. Query executed for 1 log group.



CloudShell Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Transit gateway route tables > tgw-rtb-009b53a33486c88ff > Create static route



Create static route Info

Add a static route to your transit gateway route table.

Details

Transit gateway ID tgw-03df758db012daa22**Transit gateway route table ID** tgw-rtb-009b53a33486c88ff**CIDR** Info 10.3.0.0/16 **Type** Info Active Blackhole[Cancel](#)[Create static route](#)



Select metric

PacketDropCountBlackhole

1h 3h 12h 1d 3d 1w Custom UTC timezone Line C

No unit

1

0.5

0

08:15 08:30 08:45 09:00 09:15 09:30 09:45 10:00 10:15 10:30 10:45 11:00 11:15

PacketDropCountBlackhole

[Browse \(9\)](#)[Multi source query](#)[Graphed metrics \(1\)](#)[Options](#)

Source

[Add math](#) [Add query](#) [All](#) > [TransitGateway](#) > Per-TransitGateway Metrics [Alarm recommendations](#) [Graph with SQL](#)[Graph search](#) Search for any metric, dimension, resource id or account id

1



TransitGateway 9/9	Metric name	Alarms
<input type="checkbox"/> tgw-03df758db012daa22	PacketDropCountNoRoute	No alarms
<input checked="" type="checkbox"/> tgw-03df758db012daa22	PacketDropCountBlackhole	No alarms
<input type="checkbox"/> tgw-03df758db012daa22	PacketsOut	No alarms
<input type="checkbox"/> tgw-03df758db012daa22	BytesIn	No alarms

[Cancel](#)[Select metric](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ CloudWatch > Alarms > Create alarm

1 minute

Conditions

Threshold type

Static

Use a value as a threshold

Anomaly detection

Use a band as a threshold

Whenever PacketDropCountBlackhole is...

Define the alarm condition.

Greater

> threshold

Greater/Equal

\geq threshold

Lower/Equal

\leq threshold

Lower

$<$ threshold

than...

Define the threshold value.

1



Must be a number.

► Additional configuration

Cancel

Next



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ CloudWatch > Alarms > Create alarm



Step 1

Specify metric and conditions

Step 2

Configure actions

Step 3

Add alarm details

Step 4

Preview and create

Configure actions

Notification

Alarm state trigger

Define the alarm state that will trigger this action.

[Remove](#)

In alarm

The metric or expression is outside of the defined threshold.

OK

The metric or expression is within the defined threshold.

Insufficient data

The alarm has just started or not enough data is available.

Send a notification to the following SNS topic

Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

Send a notification to...

PacketDropCountBlackhole-Alarm



Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.

Email (endpoints)

pika31102chu@gmail.com - [View in SNS Console](#)

[Add notification](#)

CloudWatch



Favorites and recents



Dashboards

▶ AI Operations New▼ Alarms ⚠ 0 🕒 1 🕒 0

In alarm

All alarms

Billing

▼ Logs

Log groups

Log Anomalies

Live Tail

Logs Insights

Contributor Insights

▶ Metrics

▶ Application Signals
(APM)GenAI Observability Preview

✔ Successfully created alarm PacketDropCountBlackhole-Alarm.

[View alarm](#)

ⓘ Some subscriptions are pending confirmation

Amazon SNS doesn't send messages to an endpoint until the subscription is confirmed

[View SNS Subscriptions](#)

Alarms (1)

 Hide Auto Scaling alarms[Clear selection](#)[Create composite alarm](#)[Actions](#) ▾[Create alarm](#) Search

Alarm state: Any

Alarm type: Any

Actions status: Any

< 1 >



<input type="checkbox"/>	Name	State	Last state update (UTC)	Conditions	Actions
<input type="checkbox"/>	PacketDropCountBlackhole-Alarm	OK	2025-09-23 11:22:29	PacketDropCountBlackhole >= 1 for 1 datapoints within 1 minute	Actions enabled Warn



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...



PacketDropCountBlackhole

1 minute ▾

Maximum ▾

1h

3h

12h

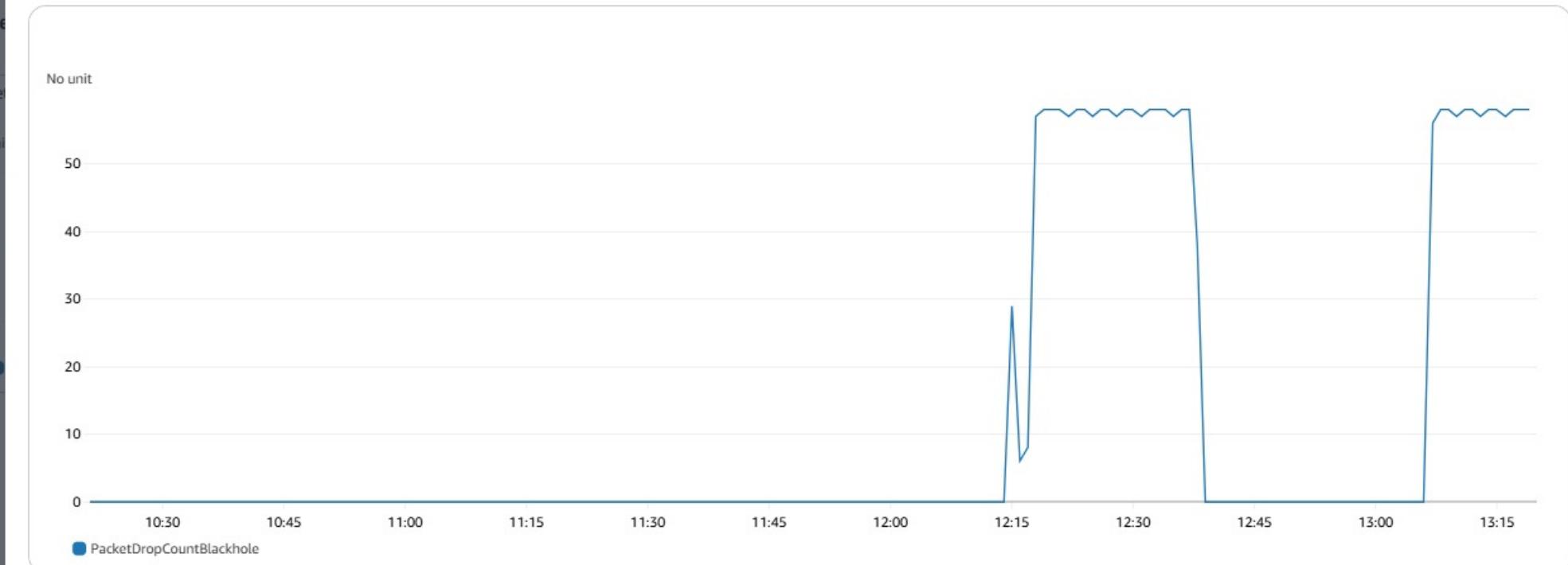
1d

3d

1w

Custom

UTC timezone ▾



[View in metrics](#)

[Close](#)

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

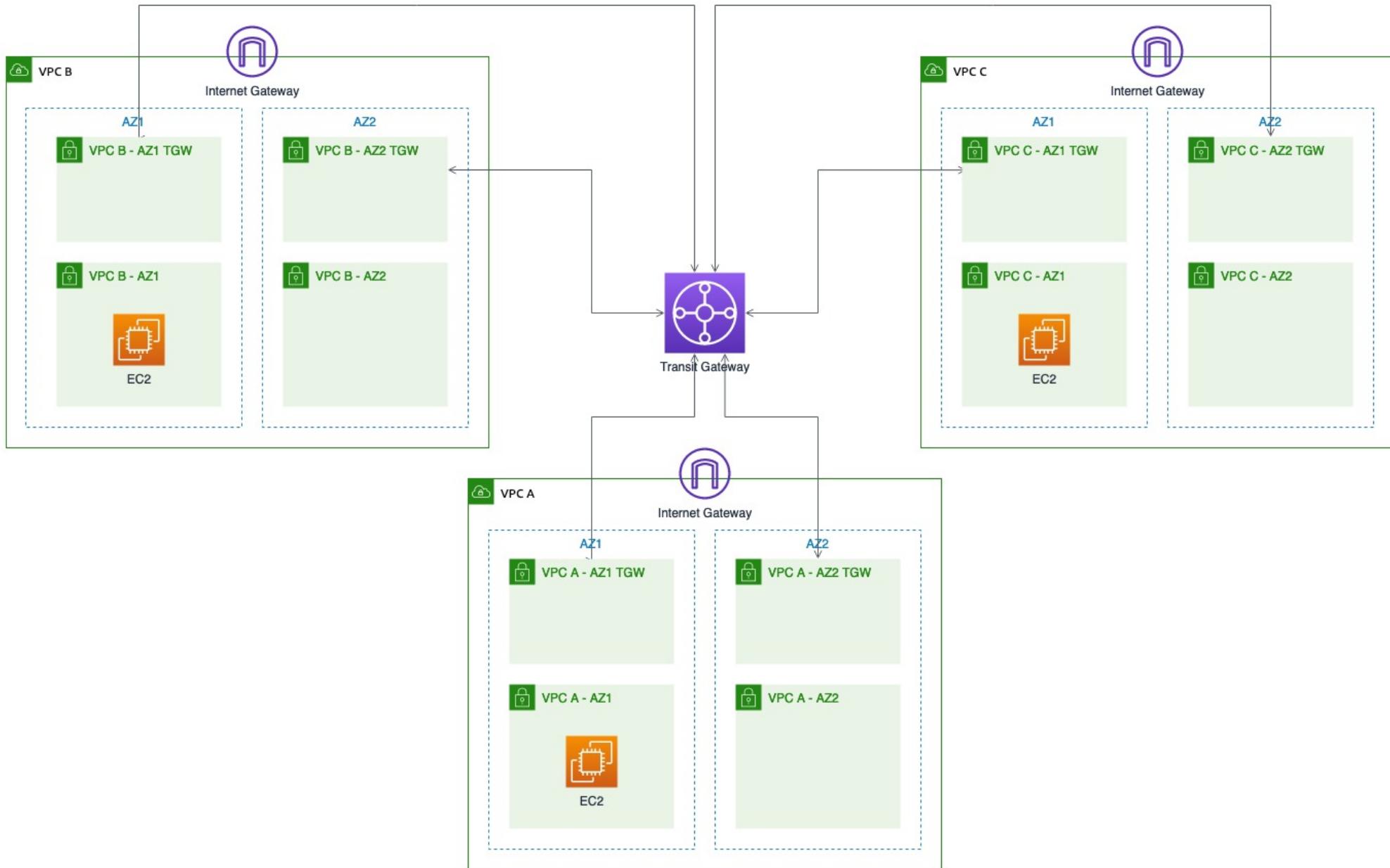
Privacy

Terms

Cookie preferences



AWS Cloud



 Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

☰ VPC > Network ACLs > Create network ACL



Create network ACL Info

A network ACL is an optional layer of security that acts as a firewall for controlling traffic in and out of a subnet.

Network ACL settings

Name - *optional*

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

nacl-tgw-vpca

VPC

VPC to use for this network ACL.

vpc-04414b0dc315a9384 (VPC A)



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*

nacl-tgw-vpca

[Remove tag](#)[Add tag](#)

You can add 49 more tags

[Cancel](#)[Create network ACL](#)

Edit subnet associations Info

Change which subnets are associated with this network ACL.

Available subnets (2/4)

Filter subnet associations						
	Name	Subnet ID	Associated with	Availability Zone	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	VPC A - AZ2	subnet-034f477560af03329	acl-04ebadcd0d2a50a7e	use1-az4 (us-east-1b)	10.0.1.0/24	-
<input type="checkbox"/>	VPC A - AZ1	subnet-096ad1f8f237938aa	acl-04ebadcd0d2a50a7e	use1-az2 (us-east-1a)	10.0.0.0/24	-
<input checked="" type="checkbox"/>	VPC A - AZ2 TGW	subnet-0cf54f36f89049a23	acl-04ebadcd0d2a50a7e	use1-az4 (us-east-1b)	10.0.3.0/28	-
<input checked="" type="checkbox"/>	VPC A - AZ1 TGW	subnet-0d4435a53d3e3174f	acl-04ebadcd0d2a50a7e	use1-az2 (us-east-1a)	10.0.2.0/28	-

Selected subnets

[subnet-0d4435a53d3e3174f / VPC A - AZ1 TGW](#) [subnet-0cf54f36f89049a23 / VPC A - AZ2 TGW](#)

[Cancel](#)[Save changes](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

VPC > Network ACLs

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

NAT gateways

Peering connections

Route servers [New](#)

Security

[Network ACLs](#)

Security groups

PrivateLink and Lattice

Getting started [Updated](#)Endpoints [Updated](#)

✓ You have successfully updated subnet associations for acl-0154abcf61463f706 / nacl-tgw-vpcc.

[Details](#)

Network ACLs (7) [Info](#)

 Find Network ACLs by attribute or tag

Actions ▾

Create network ACL



1



<input type="checkbox"/>	Name	▲	Network ACL ID	▼	Associated with	▼	Default	▼	VPC ID	▼	Inbox
<input type="checkbox"/>	-		acl-04ebadcd0d2a50a7e		2 Subnets		Yes		vpc-04414b0dc315a9384 / VPC A		2 Inb...
<input type="checkbox"/>	-		acl-0716ef2dd7b47ba7e		2 Subnets		Yes		vpc-0a33f95afb781f456 / VPC C		2 Inb...
<input type="checkbox"/>	-		acl-0f27cd26295fec386		2 Subnets		Yes		vpc-032fbf93dd8ca4892 / VPC B		2 Inb...
<input type="checkbox"/>	-		acl-049422f0dad3cd5e3		6 Subnets		Yes		vpc-0cfbf1628dc3a1406		2 Inb...
<input type="checkbox"/>	nacl-tgw-vpca		acl-0fbe87ea2782f2166		2 Subnets		No		vpc-04414b0dc315a9384 / VPC A		1 Inb...
<input type="checkbox"/>	nacl-tgw-vpcb		acl-014c69a3723dc5d44		2 Subnets		No		vpc-032fbf93dd8ca4892 / VPC B		1 Inb...
<input type="checkbox"/>	nacl-tgw-vpcc		acl-0154abcf61463f706		2 Subnets		No		vpc-0a33f95afb781f456 / VPC C		1 Inb...

[Select a network ACL](#)



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 6541-6363-7741

AWSLabsUser-6RZPgaW1q6SKA8rnUf6KL5/f766bf1...

Edit outbound rules Info

Outbound rules control the outgoing traffic that's allowed to leave the VPC.

Rule number <small>Info</small>	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Destination <small>Info</small>	Allow/Deny <small>Info</small>
100	All traffic ▾	All	All	0.0.0.0/0	Allow ▾ Remove
*	All traffic ▾	All	All	0.0.0.0/0	Deny ▾

[Add new rule](#)[Sort by rule number](#)[Cancel](#)[Preview changes](#)[Save changes](#)