

The screenshot shows the AWS VPC Services page. On the left, there's a sidebar with links to Services, Features, Documentation, Knowledge articles, Marketplace, Blog posts, Events, and Tutorials. The main content area displays three cards: 'VPC' (Isolated Cloud Resources), 'AWS Global View' (provides a global dashboard and search functionality), and 'AWS Firewall Manager' (Central management of firewall rules). Below these are sections for 'Features' (Dashboard, Route 53 VPCs, VPC Reachability Analyzer) and 'Were these results helpful?' (Yes/No buttons). To the right, there's a 'Create application' section with a 'Find applications' input field and a 'Create application' button. The top right corner shows the account ID: 7349-7944-9836 and the region: United States (N. Virginia). The bottom navigation bar includes CloudShell, Feedback, and links to Open issues, Current month, and Cost breakdown.

The screenshot shows the AWS VPC console. The left sidebar has sections for VPC dashboard, AWS Global View, and Virtual private cloud (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). Under Security, it lists Network ACLs and Security groups. The main content area shows a blue banner about Introducing VPC encryption control. Below it, a table lists four VPCs: 'connecting-vpc/Finance VPC' (ID: vpc-off7d22e509368bee, State: Available, Encryption controls: Off, Block Public: Off, IPv6: 17.0), 'connecting-vpc/Marketing VPC' (ID: vpc-0275b08f3611a5231, State: Available, Encryption controls: Off, Block Public: Off, IPv6: 10.0), 'connecting-vpc/Developer VPC' (ID: vpc-0c959cca67b4ef986, State: Available, Encryption controls: Off, Block Public: Off, IPv6: 17.0), and another unnamed entry (ID: vpc-03f68f5f2cc824fb2b, State: Available, Encryption controls: Off, Block Public: Off, IPv6: 19.0). A 'Create VPC' button is at the bottom right. The top right corner shows the account ID: 7349-7944-9836 and the region: United States (N. Virginia). The bottom navigation bar includes CloudShell, Feedback, and links to Open issues, Current month, and Cost breakdown.

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#instances:instanceState=running

Instances (3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
connecting-vp...	i-04e5c4b84bf904eb9	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	-
connecting-vp...	i-03c07d113c0203572	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-218-1
connecting-vp...	i-06537b8f8de78d0f5	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-215-1

Select an instance

CloudShell Feedback

Instances (1/3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
connecting-vp...	i-04e5c4b84bf904eb9	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	-
connection-vn	i-05c07d113c0203572	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-218-1

i-04e5c4b84bf904eb9 (connecting-vpc/FinanceServer)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID i-04e5c4b84bf904eb9	Public IPv4 address -	Private IPv4 addresses 172.31.0.175
IPv6 address -	Instance state Running	Public DNS -
Hostname type IP name: ip-172-31-0-175.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-0-175.ec2.internal	Elastic IP addresses

Screenshot of the AWS CloudWatch Instances console showing three running t3.micro instances in us-east-1a. The instance i-06537b8f8de78d0f5 is selected.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
connecting-vp...	i-06537b8f8de78d0f5	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-215-181-154.compute-1.amazonaws.com
connecting-vp...	i-04e5c4b84bf904eb9	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	-
connecting-vp...	i-03c07d113c0203572	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1a	ec2-3-218-2

i-06537b8f8de78d0f5 (connecting-vpc/MarketingServer)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

Instance summary

Instance ID i-06537b8f8de78d0f5	Public IPv4 address 3.215.181.154 open address ↗	Private IPv4 addresses 10.10.0.54
IPv6 address -	Instance state Running	Public DNS ec2-3-215-181-154.compute-1.amazonaws.com open address ↗

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Session ID: 98ea6b70-bd2c-4609-9af8-bd2aa8928a89-2eeq5xocer6eirhpj6cklmnu Instance ID: i-06537b8f8de78d0f5

```

sh-5.2$ 
sh-5.2$ ping 172.31.0.175
PING 172.31.0.175 (172.31.0.175) 56(84) bytes of data.
^C
--- 172.31.0.175 ping statistics ---
54 packets transmitted, 0 received, 100% packet loss, time 55137ms
sh-5.2$ 

```

VPC Subnets

Subnets (1/1) Info

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
connecting-vpc/Marketing VPC/Marketi...	subnet-01d203ad1dcf97b9b	Available	vpc-0275b08f3611a5231 con...	Off	10.10.0.0/24

Route Tables

Route tables (1/1) Info

Name	Route table ID	Explicit subnet assoc...	Main	VPC
connecting-vpc/Marketing VPC/Marketi...	rtb-019d0e41f798fad97	subnet-01d203ad1dcf97...	No	vpc-0275b08f3611a5231 con...

Routes

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-09b226909b4b6057f	Active	No	Create Route
10.10.0.0/16	local	Active	No	Create Route Table

Screenshot of the AWS VPC Peering Connection creation interface in the AWS Management Console.

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.

my-pc-01

Select a local VPC to peer with

VPC ID (Requester)
Select a VPC

Select another VPC to peer with

Account
 My account
 Another account

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

VPC ID (Acceptor)
Select a VPC

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.

Marketing <-> Finance

Select a local VPC to peer with

VPC ID (Requester)
vpc-0275b08f3611a5231 (connecting-vpc/Marketing VPC)

VPC CIDRs for vpc-0275b08f3611a5231 (connecting-vpc/Marketing VPC)

CIDR	Status	Status reason
10.10.0.0/16	Associated	-

Select another VPC to peer with

Account
 My account
 Another account

Region
 This Region (us-east-1)

Screenshot of the AWS VPC Peering Connections creation page:

Account: My account

Region: This Region (us-east-1)

VPC ID (Acceptor): vpc-Off7d22e509368bee (connecting-vpc/Finance VPC)

VPC CIDs for vpc-Off7d22e509368bee (connecting-vpc/Finance VPC)

CIDR	Status	Status reason
172.31.0.0/16	Associated	-

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	Marketing < Finance

Create peering connection

Screenshot of the AWS VPC Peering Connection details page:

Peering connection pcx-0779c00324d45164f / Marketing < Finance

Details

- Pending acceptance
- You can accept or reject this peering connection request using the 'Actions' menu. You have until Monday, December 1, 2025 at 09:50:48 EST to accept or reject the request, otherwise it expires.

Requester owner ID	Acceptor owner ID	VPC Peering connection ARN
vpc-0275b08f3611a5231	734979449836	arn:aws:ec2:us-east-1:734979449836:vpc-peering-conn
Requester VPC	Requester CIDRs	Acceptor VPC
vpc-Off7d22e509368bee	10.10.0.0/16	vpc-Off7d22e509368bee
Requester Region	Requester CIDRs	Acceptor CIDRs
N. Virginia (us-east-1)	10.10.0.0/16	-
Requester Region	Requester CIDRs	Acceptor Region
N. Virginia (us-east-1)	10.10.0.0/16	N. Virginia (us-east-1)

DNS settings

Requester VPC ([vpc-0275b08f3611a5231 / connecting-vpc/Marketing](#))

Screenshot of the AWS VPC Peering Connections console showing the acceptance of a peering connection request between Marketing and Finance VPCs.

Accept VPC peering connection request

Requester VPC: [vpc-0275b08f3611a5231 / connecting-vpc/Marketing VPC](#)

Acceptor VPC: [vpc-0ff7d22e509368bee / connecting-vpc/Finance VPC](#)

Requester CIDRs: 10.10.0.0/16

Acceptor CIDRs: 172.31.0.0/16

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

Acceptor Region: N. Virginia (us-east-1)

Requester owner ID: 734979449836 (This account)

Acceptor owner ID: 734979449836 (This account)

Actions: Accept request

DNS settings

Requester VPC ([vpc-0275b08f3611a5231 / connecting-vpc/Marketing VPC](#))

VPC Peering connection ARN: arnawssec2us-east-1:734979449836:vpc-peering-connection/pxc-0779c00324d45164f

Actions: Modify my route tables now

VPC Subnets

Subnets (1/1) Info

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
connecting-vpc/Finance VPC/FinancePr...	subnet-0c620c3b80a90f5fc	Available	vpc-off7d22e509368bee conn...	Off	172.31.0.0/24

Route Tables

Route tables (1/1) Info

Name	Route table ID	Explicit subnet assoc...	Main	VPC
connecting-vpc/Finance VPC/FinancePr...	rtb-0e1c56bd8fa1ff018	subnet-0c620c3b80a90f...	No	vpc-off7d22e509368bee conn...

Screenshot of the AWS VPC Subnets page showing a single subnet named "connecting-vpc/Marketing VPC/MarketingPublicSubnet1".

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
connecting-vpc/Marketing VPC/Marketin...	subnet-01d203ad1dcf97b9b	Available	vpc-0275b08f3611a5231 con...	Off	10.10.0.0/24

Route table details:

Destination	Target
10.10.0.0/16	local
0.0.0.0/0	igw-09b226909b4b6057f

Edit routes screen:

Destination	Target	Status	Propagated	Route Origin
10.10.0.0/16	local	Active	No	CreateRouteTable
0.0.0.0/0	Internet Gateway	Active	No	CreateRoute
172.31.0.0/16	Peering Connection	-	No	CreateRoute
	igw-09b226909b4b6057f			Remove
	pxc-0779c00324d45164f			Remove

Buttons at the bottom: Add route, Cancel, Preview, Save changes.

Screenshot of the AWS VPC console showing the details of a route table.

Route Table Details: rtb-019d0e41f798fad97 / connecting-vpc/Marketing VPC/MarketingPublicSubnet1

Details:

- Route Table ID:** rtb-019d0e41f798fad97
- Main:** No
- Owner ID:** 734979449836
- Explicit subnet associations:** subnet-01d203ad1dcf97b9b / connecting-vpc/Marketing VPC/MarketingPublicSubnet1
- Edge associations:** -

Routes (3):

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-09b226909b4b6057f	Active	No	Create Route
10.10.0.0/16	local	Active	No	Create Route Table
172.31.0.0/16	pcc-0779c00324d45164f	Active	No	Create Route

Route Tables (1/1) Info:

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
connecting-vpc/Finance VPC/FinancePr...	rtb-0e1c56bd8fa1ff018	subnet-0c620c3b80a90f5fc...	-	No	vpc-0ff7d22e509368bee conn...

Route Table Details: rtb-0e1c56bd8fa1ff018 / connecting-vpc/Finance VPC/FinancePrivateSubnet1

Details:

- Route table ID:** rtb-0e1c56bd8fa1ff018
- Main:** No
- Owner ID:** 734979449836
- Explicit subnet associations:** subnet-0c620c3b80a90f5fc / connecting-vpc/Finance VPC/FinancePrivateSubnet1
- Edge associations:** -

Screenshot of the AWS VPC Route Tables console page:

Route tables (1/1) Info

Last updated less than a minute ago

Route table ID: rtb-0e1c56bd8fa1ff018

Actions Create route table

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
connecting-vpc/Finance VPC/FinancePrivateSubnet	rtb-0e1c56bd8fa1ff018	subnet-0c620c3b80a90f...	-	No	vpc-0ff7d22e509368bee conn...

rtb-0e1c56bd8fa1ff018 / connecting-vpc/Finance VPC/FinancePrivateSubnet1

Details Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	nat-09b3242217ce2d420	Active	No	Create Route
172.31.0.0/16	local	Active	No	Create Route Table

Edit routes

Destination	Target	Status	Propagated	Route Origin
172.31.0.0/16	local	Active	No	CreateRouteTable
Q 0.0.0.0/0	NAT Gateway	Active	No	CreateRoute
Q nat-09b3242217ce2d420	Peering Connection	-	No	CreateRoute
Q 10.10.0.0/16	Q pcx-0779c00324d45164f	-	No	

Add route Cancel Preview Save changes

Screenshot of the AWS CloudShell terminal window:

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Screenshot of the AWS VPC console showing the Route Tables page. A success message indicates routes were updated for route table rtb-0e1c56bd8fa1ff018.

VPC dashboard

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

Security

- Network ACLs
- Security groups

CloudShell Feedback

Session ID: 98ea9b70-bd2c-4609-9a08-bd2aa8928a89-g35exs568vys5ql25oe39alx44 | Shortcuts Instance ID: i-06537b8f8de78d0f5 | Terminate

46°F Sunny

1006 ENG IN 24.11.2025

1007 ENG IN 24.11.2025

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	nat-09b3242217ce2d420	Active	No	Create Route
10.10.0.0/16	pcx-0779c00324d45164f	Active	No	Create Route
172.31.0.0/16	local	Active	No	Create Route Table

Screenshot of the AWS Cloud Console showing the EC2 Security Groups page for the security group `sg-0ba12d0964ffdcc68`.

The page displays the following details:

Security group name	sg-0ba12d0964ffdcc68	Description	VPC ID
Owner	734979449836	Inbound rules count	0 Permission entries
		Outbound rules count	1 Permission entry

The **Inbound rules** section shows a table with the following data:

Name	Security group rule ID	IP version	Type	Protocol	Port range
-	sgr-09134b48000f70e26	IPv4	All ICMP - IPv4	ICMP	All

A success message at the top indicates: "Inbound security group rules successfully modified on security group (sg-0ba12d0964ffdcc68 | FinanceServerSecurityGroup)".

The browser status bar shows the URL `us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:securityGroupId=sg-0ba12d0964ffdcc68` and the date `24-11-2025`.

Session ID: 98ea6b70-bd2c-4609-9a08-4bd2aa8928a89-p35exs568ys5ql25oc39lx44 Instance ID: i-06537b8f8de78d0f5

sh-5.2\$ ping 172.31.0.175
PING 172.31.0.175 (172.31.0.175) 56(84) bytes of data.
^C
--- 172.31.0.175 ping statistics ---
4 packets transmitted, 0 received, 100% packet loss, time 3093ms

sh-5.2\$ ping 172.31.0.175
PING 172.31.0.175 (172.31.0.175) 56(84) bytes of data.
64 bytes from 172.31.0.175: icmp seq=1 ttl=127 time=0.170 ms
64 bytes from 172.31.0.175: icmp seq=2 ttl=127 time=0.197 ms
64 bytes from 172.31.0.175: icmp seq=3 ttl=127 time=0.164 ms
64 bytes from 172.31.0.175: icmp seq=4 ttl=127 time=0.171 ms
64 bytes from 172.31.0.175: icmp seq=5 ttl=127 time=0.152 ms
64 bytes from 172.31.0.175: icmp seq=6 ttl=127 time=0.167 ms
64 bytes from 172.31.0.175: icmp seq=7 ttl=127 time=0.180 ms
^C
--- 172.31.0.175 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6270ms
rtt min/avg/max/mdev = 0.152/0.171/0.197/0.013 ms
sh-5.2\$

Session ID: 98ea6b70-bd2c-4609-9a08-4bd2aa8928a89-zzmltl3po5r78294ovoi89b8u8u Instance ID: i-04e5c4b84bf904eb9

sh-5.2\$ ping 192.168.0.217
PING 192.168.0.217 (192.168.0.217) 56(84) bytes of data.
^C
--- 192.168.0.217 ping statistics ---
3 packets transmitted, 0 received, 100% packet loss, time 2102ms
sh-5.2\$

ATS match | Grow | LinkedIn | AWS Skills | Cloud Queues | Instances | VPC | us-east-1 | AWS CloudWatch Metrics | Amazon API Gateway | AWS Skills | Jaswanth | + | - | X

← → ↻ us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreatePeeringConnection:

AWS Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-1eUhGfAV1v7pmmlGmF4U2/98ea6...

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.

Finance <-> Developer

Select a local VPC to peer with

VPC ID (Requester)
vpc-Off7d22e509368bee (connecting-vpc/Finance VPC)

VPC CIDRs for vpc-Off7d22e509368bee (connecting-vpc/Finance VPC)

CIDR	Status	Status reason
172.31.0.0/16	Associated	-

Select another VPC to peer with

Account
 My account
 Another account

Region
 This Region (us-east-1)

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ATS match | Grow | LinkedIn | AWS Skills | Cloud Queues | Instances | VPC | us-east-1 | AWS CloudWatch Metrics | Amazon API Gateway | AWS Skills | Jaswanth | + | - | X

← → ↻ us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#CreatePeeringConnection:

AWS Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-1eUhGfAV1v7pmmlGmF4U2/98ea6...

VPC > Peering connections > Create peering connection

Select another VPC to peer with

Account
 My account
 Another account

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

VPC ID (Acceptor)
vpc-03f68ff52ccc824b2b (connecting-vpc/Developer VPC)

VPC CIDRs for vpc-03f68ff52ccc824b2b (connecting-vpc/Developer VPC)

CIDR	Status	Status reason
192.168.0.0/20	Associated	-

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.

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ATS match x Grow | Link x AWS Skill x Cloud Que x Instances x VPC us-east-1 PeeringConnectionDetailsvcPeeringConnectionId=pcx-066f1ae26b76ae623 AWS-cloud x Amazon AI x AWS Skill x Jaswanth... x + Account ID: 7349-7944-9836 AWSLabUser-1eUhGfAV1V7pmn16mf4UZ/98ea6...

AWS Global View [Alt+S] United States (N. Virginia) ▾

VPC > Peering connections > pcx-066f1ae26b76ae623

pcx-066f1ae26b76ae623 / Finance <> Developer

Pending acceptance You can accept or reject this peering connection request using the 'Actions' menu. You have until Monday, December 1, 2025 at 10:15:00 EST to accept or reject the request, otherwise it expires.

Details Info

Requester owner ID	734979449836	Acceptor owner ID	734979449836
Peering connection ID	pxc-066f1ae26b76ae623	Requester VPC	vpc-0ff7d22e50936bee / connecting-vpc/Finance VPC
Status	Pending Acceptance by 734979449836	Requester CIDs	172.31.0.0/16
Expiration time	Monday, December 1, 2025 at 10:15:00 EST	Requester Region	N. Virginia (us-east-1)
		Acceptor CIDs	-
		Acceptor Region	N. Virginia (us-east-1)

DNS Route tables Tags Edit DNS settings

DNS settings

Requester VPC ([vpc-0ff7d22e50936bee / connecting-vpc/Finance](#))

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ATS match x Grow | Link x AWS Skill x Cloud Que x Instances x VPC us-east-1 PeeringConnectionDetailsvcPeeringConnectionId=pcx-066f1ae26b76ae623 AWS-cloud x Amazon AI x AWS Skill x Jaswanth... x + Account ID: 7349-7944-9836 AWSLabUser-1eUhGfAV1V7pmn16mf4UZ/98ea6...

AWS Global View [Alt+S] United States (N. Virginia) ▾

VPC > Peering connections > pcx-066f1ae26b76ae623

pcx-066f1ae26b76ae623 / Finance <> Developer

Pending acceptance You can accept or reject this peering connection request using the 'Actions' menu. You have until Monday, December 1, 2025 at 10:15:00 EST to accept or reject the request, otherwise it expires.

Accept VPC peering connection request

Are you sure you want to accept this VPC peering connection request? (pcx-066f1ae26b76ae623 / Finance <> Developer)

Requester VPC	Acceptor VPC
vpc-0ff7d22e50936bee / connecting-vpc/Finance VPC	vpc-03f6b5f2cc824b2b / connecting-vpc/Developer VPC
Requester CIDs	Requester CIDs
-	172.31.0.0/16
Requester owner ID	Requester owner ID
734979449836(This account)	734979449836(This account)
Acceptor owner ID	Acceptor owner ID
734979449836	734979449836

Cancel Accept request

DNS Route tables Tags Edit DNS settings

DNS settings

Requester VPC ([vpc-0ff7d22e50936bee / connecting-vpc/Finance](#))

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CloudShell Feedback 46°F Sunny ENG IN 10:15 24-11-2025

ATS match | Grow | AWS Skill | Cloud Queues | Instances | VPC | AWS CloudWatch Metrics | Amazon | AWS Skill | Jaswanth | + | us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#PeeringConnectionDetails?vpcPeeringConnectionId=pcx-066f1ae26b76ae623 | AWS Account ID: 7349-7944-9836 | AWSLabsUser-1eUhGfAV1v7pmml6mF4U2/98ea6... | - | ○ | : |

aws | Search [Alt+S] | United States (N. Virginia) | Account ID: 7349-7944-9836 | AWSLabsUser-1eUhGfAV1v7pmml6mF4U2/98ea6... |

VPC > Peering connections > pcx-066f1ae26b76ae623

Your VPC peering connection (pcx-066f1ae26b76ae623 | Finance <-> Developer) 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. [Modify my route tables now](#)

[Details](#) [Info](#)

Requester owner ID	Acceptor owner ID
734979449836	734979449836
Peering connection ID	Requester VPC
pcx-066f1ae26b76ae623	vpc-0ff7d22e509368bee / connecting-vpc/Finance VPC
Status	Requester CIDRs
Active	172.31.0.0/16
Expiration time	Requester Region
-	N. Virginia (us-east-1)

VPC Peering connection ARN
arn:aws:ec2:us-east-1:734979449836:vpc-peering-connection/pcx-066f1ae26b76ae623

Acceptor VPC
vpc-03f68f52ccc824b2b / connecting-vpc/Developer VPC

Acceptor CIDRs
192.168.0.0/20

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

[Actions](#)

DNS | Route tables | Tags

[Edit DNS settings](#)

DNS settings

Requester VPC ([vpc-0ff7d22e509368bee / connecting-vpc/Finance VPC](#))

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ATS match | Grow | AWS Skill | Cloud Queues | Instances | RouteTables | PeeringConnections | AWS CloudWatch Metrics | Amazon | AWS Skill | Jaswanth | + | us-east-1.console.aws.amazon.com/vpcconsole/home?region=us-east-1#RouteTables?routeTableId=rtb-0e1c56bd8fa1ff018 | AWS Account ID: 7349-7944-9836 | AWSLabsUser-1eUhGfAV1v7pmml6mF4U2/98ea6... | - | ○ | : |

aws | Search [Alt+S] | United States (N. Virginia) | Account ID: 7349-7944-9836 | AWSLabsUser-1eUhGfAV1v7pmml6mF4U2/98ea6... |

VPC > Route tables

VPC dashboard

Route tables (1/1) [Info](#)

Last updated less than a minute ago

Name	Route table ID	Explicit subnet associations	Main	VPC
connecting-vpc/Finance VPC/FinancePr...	rtb-0e1c56bd8fa1ff018	subnet-0c620c3b80a90f...	No	vpc-0ff7d22e509368bee / conn...

rtb-0e1c56bd8fa1ff018 / connecting-vpc/Finance VPC/FinancePrivateSubnet1

Details | Routes | Subnet associations | Edge associations | Route propagation | Tags

[Both](#) [Edit routes](#)

Routes (3)

Destination	Target	Status	Propagated	Route Origin
0.0.0.0	nat-09b3242217ce2d420	Active	No	Create Route
10.10.0.0/16	pcx-0779c00324d45164f	Active	No	Create Route
172.31.0.0/16	local	Active	No	Create Route Table

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Screenshot of the AWS VPC console showing the 'Edit routes' page for a specific route table.

Route Table Details: RouteTableId: rtb-0e1c56bd8fa1ff018

Routes:

Destination	Target	Status	Propagated	Route Origin
172.31.0.0/16	local	Active	No	CreateRouteTable
10.10.0.0/16	Peering Connection	Active	No	CreateRoute
0.0.0.0/0	NAT Gateway	Active	No	CreateRoute
192.168.0.0/20	Peering Connection	-	No	CreateRoute
pcc-066f1ae26b76ae623				

Buttons: Add route, Cancel, Preview, Save changes

Screenshot of the AWS VPC dashboard showing the 'Route tables' section.

Route Table Details: RouteTableId: rtb-0e1c56bd8fa1ff018

Details: Updated routes for rtb-0e1c56bd8fa1ff018 / connecting-vpc/Finance VPC/FinancePrivateSubnet1 successfully

Details Info:

Route table ID: rtb-0e1c56bd8fa1ff018	Main: No	Explicit subnet associations: subnet-0c620c3b80a90f5fc / connecting-vpc/Finance VPC/FinancePrivateSubnet1	Edge associations: -
VPC: vpc-off7d22e509368bee connecting-vpc/Finance VPC	Owner ID: 734979449836		

Routes:

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	nat-09b3242217ce2d420	Active	No	Create Route
10.10.0.0/16	pcc-0779c00324d45164f	Active	No	Create Route
172.31.0.0/16	local	Active	No	Create Route Table
192.168.0.0/20	pcc-066f1ae26b76ae623	Active	No	Create Route

Screenshot of the AWS VPC console showing the creation and configuration of a route table.

Route tables (1/1) Info

Last updated less than a minute ago

Actions | **Create route table**

Name	Route table ID	Explicit subnet associations	Main	VPC
connecting-vpc/Developer VPC/Develo...	rtb-0a658222a8122c87	subnet-0552597492df2970	-	No vpc-03f68f52ccc824b2b conn..

rtb-0a658222a8122c87 / connecting-vpc/Developer VPC/DeveloperPublicSubnet1

Routes (2)

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-0ddd423457f310aa8	Active	No	Create Route
192.168.0.0/20	local	Active	No	Create Route Table

Details

Updated routes for rtb-0a658222a8122c87 / connecting-vpc/Developer VPC/DeveloperPublicSubnet1 successfully

rtb-0a658222a8122c87 / connecting-vpc/Developer VPC/DeveloperPublicSubnet1

Details

Route table ID: rtb-0a658222a8122c87

Main: No

Owner ID: vpc-03f68f52ccc824b2b | connecting-vpc/Developer VPC

Explicit subnet associations: subnet-0552597492df2970 / connecting-vpc/Developer VPC/DeveloperPublicSubnet1

Edge associations: -

Routes (3)

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-0ddd423457f310aa8	Active	No	Create Route
172.31.0.0/16	pxc-066f1ae26b76ae623	Active	No	Create Route
192.168.0.0/20	local	Active	No	Create Route Table

Session ID: 98ea6b70-bd2c-4609-9a08-4d2aa8928a89-flgyl7vtcj8sz9cv58dr9vqli Instance ID: i-04e5c4b84bf904eb9

```
sh-5.2$ ping 192.168.0.217
PING 192.168.0.217 (192.168.0.217) 56(84) bytes of data.
^C
--- 192.168.0.217 ping statistics ---
3 packets transmitted, 0 received, 100% packet loss, time 2062ms
sh-5.2$
```

aws | Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836
AWSLabUser-1eUhGfAV1v7pmm16mF4U2/98ea6...

EC2 > Security Groups > sg-0085620c41e3f491c - DeveloperServerSecurityGroup

Details

Security group name	sg-0085620c41e3f491c	Description	VPC ID
Owner	734979449836	Inbound rules count	vpc-03f68f52ccc824b2b
		0 Permission entries	
		Outbound rules count	
		1 Permission entry	

Inbound rules | Outbound rules | Sharing - new | VPC associations - new | Tags

Inbound rules

Name	Security group rule ID	Type	Protocol	Port range
No security group rules found				

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroup:group-id=sg-0085620c41e3f491c

aws Search [Alt+S] United States (N. Virginia) Account ID: 7349-7944-9836 AWSLabsUser-1eUhGFAV1v7pmmlGmF4UZ/98ea6...

EC2 > Security Groups > sg-0085620c41e3f491c - DeveloperServerSecurityGroup

Inbound security group rules successfully modified on security group (sg-0085620c41e3f491c | DeveloperServerSecurityGroup) Details

sg-0085620c41e3f491c - DeveloperServerSecurityGroup

Details

Security group name	DeveloperServerSecurityGroup	Security group ID	sg-0085620c41e3f491c	Description	VPC ID vpc-03f68f52ccc824b2b
Owner	734979449836	Inbound rules count	1 Permission entry	Outbound rules count	1 Permission entry

Inbound rules Outbound rules Sharing - new VPC associations - new Tags

Inbound rules (1)

Name	Security group rule ID	IP version	Type	Protocol	Port range
-	sgr-0147a685b894d8f1c	IPv4	All ICMP - IPv4	ICMP	All

Manage tags Edit inbound rules

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Session ID: 98cafb70-bd2c-4609-9a08-bd2aa8928a89-flgylh7tcoj8sz9cv58dr9vqhi Session ID: i-04e5c4b84bf904eb9 10:21

Shortcuts

sh-5.2\$ ping 192.168.0.217
PING 192.168.0.217 (192.168.0.217) 56(84) bytes of data.
^C
--- 192.168.0.217 ping statistics ---
3 packets transmitted, 0 received, 100% packet loss, time 2062ms
sh-5.2\$ ping 192.168.0.217
PING 192.168.0.217 (192.168.0.217) 56(84) bytes of data.
64 bytes from 192.168.0.217: icmp_seq=1 ttl=127 time=0.379 ms
64 bytes from 192.168.0.217: icmp_seq=2 ttl=127 time=0.310 ms
64 bytes from 192.168.0.217: icmp_seq=3 ttl=127 time=0.327 ms
64 bytes from 192.168.0.217: icmp_seq=4 ttl=127 time=0.329 ms
64 bytes from 192.168.0.217: icmp_seq=5 ttl=127 time=0.329 ms
64 bytes from 192.168.0.217: icmp_seq=6 ttl=127 time=0.315 ms
^C
--- 192.168.0.217 ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5168ms
rtt min/avg/max/mdev = 0.310/0.331/0.379/0.022 ms
sh-5.2\$

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