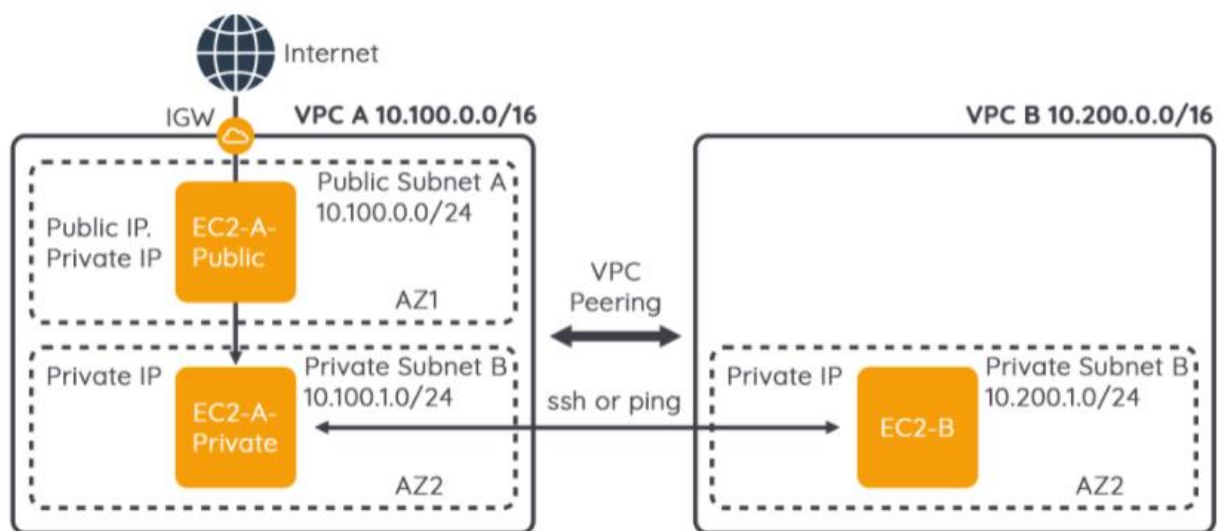


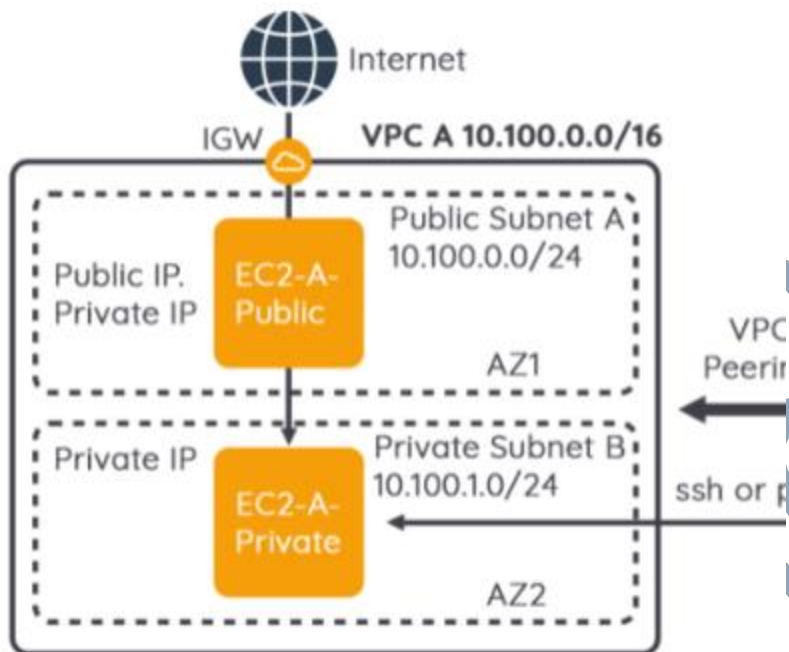
AWS VPC peering

A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them privately. Instances in either VPC can communicate with each other as if they are within the same network. You can create a VPC peering connection between your own VPCs, with a VPC in another AWS account, or with a VPC in a different AWS Region.

AWS uses the existing infrastructure of a VPC to create a VPC peering connection; it is neither a gateway nor an AWS Site-to-Site VPN connection, and does not rely on a separate piece of physical hardware. There is no single point of failure for communication or a bandwidth bottleneck.



Steps:



We are implementing above diagram public and private subnets


Creating a VPC A

IP ADDRESS:10.100.0.0/16

Create VPC [Info](#)

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

VPC settings

 Use Amazon VPC IP Address Manager to automatically allocate, manage, and monitor VPC CIDRs.

[Learn more](#)

Name tag - optional

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

VPC-A

IPv4 CIDR block [Info](#)

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

IPv4 CIDR

10.100.0.0/16

Your VPCs (2) [Info](#)

Filter VPCs



Actions

Create VPC

< 1 > 

| <input type="checkbox"/> | Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR | IPv6 pool |
|--------------------------|-------|-----------------------|-----------|---------------|-----------|-----------|
| <input type="checkbox"/> | VPC-A | vpc-020ab2e76998ce6ac | Available | 10.100.0.0/16 | - | - |
| <input type="checkbox"/> | - | vpc-b95399d2 | Available | 172.31.0.0/16 | - | - |

Step:2 Create a IGW for VPC-A

Create internet gateway [Info](#)

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

Name tag

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

Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key



Value - optional



You can add 49 more tags.

Internet gateways (2) [Info](#)

< 1 >

| <input type="checkbox"/> | Name | Internet gateway ID | State | VPC ID | Owner |
|--------------------------|-------|-----------------------|----------|--------------|--------------|
| <input type="checkbox"/> | IGW-A | igw-0102b13088f29399a | Detached | - | 615086145317 |
| <input type="checkbox"/> | - | igw-fc3d5a94 | Attached | vpc-b95399d2 | 615086145317 |

Attach to the VPC-A

Internet gateways (2) [Info](#)

< 1 >

| <input type="checkbox"/> | Name | Internet gateway ID | State | VPC ID | Owner |
|--------------------------|-------|-----------------------|----------|-------------------------------|--------------|
| <input type="checkbox"/> | IGW-A | igw-0102b13088f29399a | Attached | vpc-020ab2e76998ce6ac VPC-A | 615086145317 |
| <input type="checkbox"/> | - | igw-fc3d5a94 | Attached | vpc-b95399d2 | 615086145317 |

Step:3 Creating a public and private subnets for VPC-A

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.

VPC-A-SUBNET-PUBLIC

The name can be up to 256 characters long.

Availability Zone [Info](#)

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

No preference

IPv4 CIDR block [Info](#)

10.100.0.0/24

▼ Tags - optional

Key

Name

Value - optional

VPC-A-SUBNET-PUBLIC

Remove

Add new tag

You can add 49 more tags.

Remove

Subnets (5) [Info](#)

Filter subnets



Actions

Create subnet

< 1 > ⚙

| <input type="checkbox"/> | Name | Subnet ID | State | VPC | IPv4 CIDR |
|--------------------------|----------------------|--------------------------|-----------|-------------------------------|----------------|
| <input type="checkbox"/> | VPC-A-SUBNET-PUBLIC | subnet-07a7107716841bc3b | Available | vpc-020ab2e76998ce6ac VPC-A | 10.100.0.0/24 |
| <input type="checkbox"/> | VPC-A-SUBNET-PRIVATE | subnet-0c155bf5d3efa36a8 | Available | vpc-020ab2e76998ce6ac VPC-A | 10.100.1.0/24 |
| <input type="checkbox"/> | - | subnet-0e27d465 | Available | vpc-b95399d2 | 172.31.32.0/20 |
| <input type="checkbox"/> | - | subnet-1206265e | Available | vpc-b95399d2 | 172.31.0.0/20 |

Step: 3 Create a Route tables

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-A-RT-PUBLIC

VPC

The VPC to use for this route table.

vpc-020ab2e76998ce6ac (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

Q Name



Value - *optional*



VPC-A-RT-PUBLIC



Remove

Add new tag

VPC ID

Create subnets in this VPC.

vpc-020ab2e76998ce6ac (VPC-A)

Associated VPC CIDRs

IPv4 CIDRs

10.100.0.0/16

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.

VPC-A-SUBNET-PRIVATE

The name can be up to 256 characters long.

Availability Zone [Info](#)

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

No preference

IPv4 CIDR block [Info](#)

10.100.1.0/24

Tags - optional

Create a route table for public subnet Add route for internet

Route tables (1/3) [Info](#)

Filter route tables



Actions

Create route table

< 1 > ⚙

| | Name | Route table ID | Explicit subnet associat... | Edge associations | Main | VPC | Own |
|-------------------------------------|-----------------|-----------------------|-----------------------------|-------------------|------|-------------------------------|-----|
| <input checked="" type="checkbox"/> | VPC-A-RT-PUBLIC | rtb-09a3318294824594d | - | - | No | vpc-020ab2e76998ce6ac VP... | 615 |
| <input type="checkbox"/> | - | rtb-0fd5464 | - | - | Yes | vpc-b95399d2 | 615 |
| <input type="checkbox"/> | - | rtb-0d95409a31bdf4a2c | - | - | Yes | vpc-020ab2e76998ce6ac VP... | 615 |

Edit routes

| Destination | Target | Status | Propagated |
|---------------|-----------------------|--------|------------|
| 10.100.0.0/16 | local | Active | No |
| 0.0.0.0/0 | igw-0102b13088f29399d | - | No |
| Add route | | | |

Cancel Preview **Save changes**

Route table ID
rtb-09a3318294824594d

VPC
vpc-020ab2e76998ce6ac | VPC-A

Main
No

Owner ID
615086145317

Explicit subnet associations
-

Edge associations
-

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Filter routes

Both

Edit routes

< 1 > ⚙

| Destination | Target | Status | Propagated |
|---------------|-----------------------|--------|------------|
| 10.100.0.0/16 | local | Active | No |
| 0.0.0.0/0 | igw-0102b13088f29399d | Active | No |

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

X

Details

Info

Route table ID

rtb-09a3318294824594d

VPC

vpc-020ab2e76998ce6ac | VPC-A

Main

No

Owner ID

615086145317

Explicit subnet associations

subnet-07a7107716841bc3b / VPC-A-SUBNET-PUBLIC

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Explicit subnet associations (1)

Find subnet association

< 1 >

Subnet ID

IPv4 CIDR

IPv6 CIDR

subnet-07a7107716841bc3b / VPC-A-SUBNET-PUBLIC

10.100.0.0/24

-

Activate Windows

Go to Settings to activate Windows

Route tables (1/4)

Info

Filter route tables

< 1 >

| | Name | Route table ID | Explicit subnet associat... | Edge associations | Main | VPC | Ow... |
|-------------------------------------|------------------|-----------------------|-----------------------------|-------------------|------|-------------------------------|-------|
| <input type="checkbox"/> | VPC-A-RT-PUBLIC | rtb-09a3318294824594d | subnet-07a7107716841... | - | No | vpc-020ab2e76998ce6ac VP... | 6150 |
| <input checked="" type="checkbox"/> | VPC-A-RT-PRIVATE | rtb-0adbcec08b74bb5cf | subnet-0c155bf5d3efa3... | - | No | vpc-020ab2e76998ce6ac VP... | 6150 |
| <input type="checkbox"/> | - | rtb-0fdf5464 | - | - | Yes | vpc-b95399d2 | 6150 |
| <input type="checkbox"/> | - | rtb-0d95409a31bdf4a2c | - | - | Yes | vpc-020ab2e76998ce6ac VP... | 6150 |

rtb-0adbcec08b74bb5cf / VPC-A-RT-PRIVATE

Details

Routes

Subnet associations

Edge associations

Route propagation

Tags

Explicit subnet associations (1)

Find subnet association

< 1 >

Subnet ID

IPv4 CIDR

IPv6 CIDR

subnet-0c155bf5d3efa36a8 / VPC-A-SUBNET-PRIVATE

10.100.1.0/24

-

Activate Windows

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-A-RT-PRIVATE

VPC

The VPC to use for this route table.

vpc-020ab2e76998ce6ac (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

Q Name



Value - *optional*

Q VPC-A-RT-PRIVATE



Remove

Add new tag

You can add 49 more tags.

Cancel

Create route table

Create a ec2-instances for public and private subnets like below

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an

Number of instances i [Launch into Auto Scaling Group](#) i

Purchasing option i ☐ Request Spot instances

Network i VPC-A ↕ [Create new VPC](#)

Subnet i VPC-A-SUBNET-PUB ↕ [Create new subnet](#)
251 IP Addresses available

Auto-assign Public IP i ↕

Hostname type i ↕

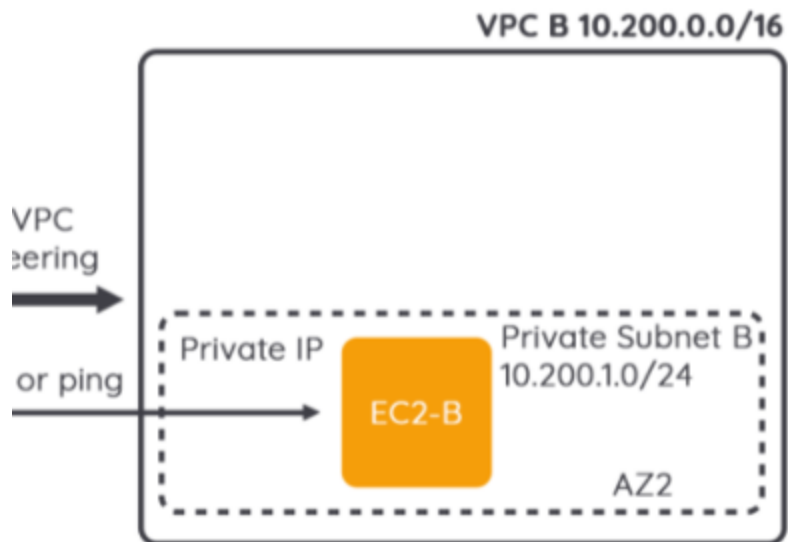
DNS Hostname i ☒ Enable IP name IPv4 (A record) DNS requests
☒ Enable resource-based IPv4 (A record) DNS requests
☐ Enable resource-based IPv6 (AAAA record) DNS requests

Placement group i ☐ Add instance to placement group

Capacity Reservation i ↕

| Instances (2) Info | | | | | | | | | Refresh | Connect | Instance state | Actions | Launch instances |
|-------------------------------------|-------------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|------------|-------------------------|-------------------------|--------------------------------|-------------------------|----------------------------------|
| <input type="text" value="Search"/> | | | | | | | | | | | | | |
| <input type="checkbox"/> | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv | | | | | |
| <input type="checkbox"/> | VPC-A-ec2-private | i-0e519688f55f80cc0 | Running | t2.micro | - | No alarms | ap-south-1b | - | | | | | |
| <input type="checkbox"/> | VPC-A-ec2-publi | i-0a8b871cdd76db753 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b | - | | | | | |

Now we are creating VPC-B for vpc pering



Your VPCs (1/3) [Info](#)

[Refresh](#) [Actions](#) [Create VPC](#)

| <input type="checkbox"/> | Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR | IPv6 P... |
|-------------------------------------|-------|-----------------------|-----------|---------------|-----------|-----------|
| <input checked="" type="checkbox"/> | VPC-B | vpc-0a356782bedd813c9 | Available | 10.200.0.0/16 | - | - |
| <input type="checkbox"/> | VPC-A | vpc-020ab2e76998ce6ac | Available | 10.100.0.0/16 | - | - |
| <input type="checkbox"/> | - | vpc-b95399d7 | Available | 172.31.0.0/16 | - | - |

You have successfully created 1 subnet: subnet-0993697c8e2109f5a

Subnets (1) [Info](#)

Subnet ID: subnet-0993697c8e2109f5a [Clear filters](#)

[Refresh](#) [Actions](#) [Create subnet](#)

| <input type="checkbox"/> | Name | Subnet ID | State | VPC | IPv4 CIDR | IPv6 CIDR |
|--------------------------|----------------------|--------------------------|-----------|-------------------------------|---------------|-----------|
| <input type="checkbox"/> | VPC-B-SUBNET-PRIVATE | subnet-0993697c8e2109f5a | Available | vpc-0a356782bedd813c9 VP... | 10.200.1.0/24 | - |

Route tables (1/6) Info

Filter route tables

| | Name | Route table ID | Explicit subnet associat... | Edge associations | Main | VPC | Ow. |
|-------------------------------------|------------------|-----------------------|-----------------------------|-------------------|------|-------------------------------|------|
| <input checked="" type="checkbox"/> | VPC-B-RT-PRIVATE | rtb-0d3ecd084a0e8789 | subnet-0993697c8e210... | - | No | vpc-0a356782bedd813c9 VP... | 6150 |
| <input type="checkbox"/> | VPC-A-RT-PUBLIC | rtb-09a3318294824594d | - | - | No | vpc-020ab2e76998ce6ac VP... | 6150 |
| <input type="checkbox"/> | VPC-A-RT-PRIVATE | rtb-0adbcec08b74bb5cf | - | - | No | vpc-020ab2e76998ce6ac VP... | 6150 |
| <input type="checkbox"/> | - | rtb-0fd5464 | - | - | Yes | vpc-b95399d2 | 6150 |

rtb-0d3ecd084a0e8789 / VPC-B-RT-PRIVATE

Details Routes Subnet associations Edge associations Route propagation Tags

Explicit subnet associations (1)

Find subnet association

| Subnet ID | IPv4 CIDR | IPv6 CIDR |
|---|---------------|-----------|
| subnet-0993697c8e2109f5a / VPC-B-SUBNET-PRIVATE | 10.200.1.0/24 | - |

Now lunch the ec2 instance on VPC-B Region

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach you instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name:

Description:

| Type | Protocol | Port Range | Source | Description |
|-----------------|----------|------------|----------------------|----------------------------|
| SSH | TCP | 22 | Custom 10.100.1.0/24 | e.g. SSH for Admin Desktop |
| All ICMP - IPv4 | ICMP | 0 - 65535 | Custom 10.100.1.0/24 | e.g. SSH for Admin Desktop |

Add Rule

Instances (3) Info

Search

| | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 I |
|--------------------------|-------------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|---------------|
| <input type="checkbox"/> | VPC-A-ec2-private | i-0e519688f55f80cc0 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b | - |
| <input type="checkbox"/> | VPC-A-ec2-publi | i-0e8b871cdd76db753 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b | - |
| <input type="checkbox"/> | VPC-B-ec2-private | i-08b28db2e8f8bfcf6 | Pending | t2.micro | - | No alarms | ap-south-1b | - |

VPC peering checking:

Step:1 login to the public ip

EC2 Public Instance VPC A

☒

VPC-A-ec2-publi*c*

i-02503fe485462e8d8

Running

🔍

t2.micro

2/2 checks passed

No alarms

+

ap-sou

Instance: i-02503fe485462e8d8 (VPC-A-ec2-publi*c*)

Instance ID

🔍

i-02503fe485462e8d8 (VPC-A-ec2-publi*c*)

IPv6 address

-

Public IPv4 address

🔍

65.1.147.51 | [open address](#)

Instance state

Running

Private IPv4 addresses

🔍

10.100.0.93

Public IPv4 DNS

-

EC2 Private Instance VPC A

🔍 Search

| <input type="checkbox"/> | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Z |
|-------------------------------------|--------------------------|---------------------|--------------------|---------------|------------------------------|--------------|----------------|
| <input checked="" type="checkbox"/> | VPC-A-ec2-private | i-0e519688f55f80cc0 | <div>Running</div> | t2.micro | <div>2/2 checks passed</div> | No alarms | ap-south-1b |
| <input type="checkbox"/> | VPC-B-ec2-private | i-08b28db2e8f8bfcf6 | <div>Running</div> | t2.micro | <div>2/2 checks passed</div> | No alarms | ap-south-1b |
| <input type="checkbox"/> | VPC-A-ec2-publi <i>c</i> | i-02503fe485462e8d8 | <div>Running</div> | t2.micro | <div>2/2 checks passed</div> | No alarms | ap-south-1b |

Instance: i-0e519688f55f80cc0 (VPC-A-ec2-private)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary

Info

Instance ID

🔍

i-0e519688f55f80cc0 (VPC-A-ec2-private)

IPv6 address

-

Public IPv4 address

-

Instance state

Running

Private IPv4 addresses

🔍

10.100.1.228

Public IPv4 DNS

-

EC2 Private Instance VPC B

| | Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone |
|-------------------------------------|-------------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|
| <input type="checkbox"/> | VPC-A-ec2-private | i-0e519688f55f80cc0 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b |
| <input checked="" type="checkbox"/> | VPC-B-ec2-private | i-08b28db2e8f8bfcf6 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b |
| <input type="checkbox"/> | VPC-A-ec2-public | i-02503fe485462e8d8 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1b |

Instance: i-08b28db2e8f8bfcf6 (VPC-B-ec2-private)

| Details | Security | Networking | Storage | Status checks | Monitoring | Tags |
|--|----------|---------------------------|---------|--|------------|------|
| ▼ Instance summary Info | | | | | | |
| Instance ID i-08b28db2e8f8bfcf6 (VPC-B-ec2-private) | | Public IPv4 address - | | Private IPv4 addresses 10.200.1.145 | | |
| IPv6 address - | | Instance state Running | | Public IPv4 DNS - | | |

ec2-user@ip-10-100-0-93:~

```
[ec2-user@ip-10-100-0-93 ~]$ ssh ec2-user@10.100.1.228
The authenticity of host '10.100.1.228 (10.100.1.228)' can't be established.
ECDSA key fingerprint is SHA256:WaqHqpXRbnB56+7QRbbyGNzSqPHkG2VGvJ4Lv+HMkw8.
ECDSA key fingerprint is MD5:ee:18:de:da:30:01:ed:fe:a7:9b:5e:b4:c1:91:4b:5f.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.100.1.228' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[ec2-user@ip-10-100-0-93 ~]$
```

Private Instance IP

ec2-user@ip-10-100-1-228:~

```
[ec2-user@ip-10-100-0-93 ~]$ ssh -i ssh.pem ec2-user@10.100.1.228
Last login: Sat Jan 1 17:07:29 2022 from 10.100.0.93
```

```

 _ _ | _ _ | _ _ )
 _ | ( _ _ | _ _ /   Amazon Linux 2 AMI
 _ _ | _ _ | _ _ |
```

```
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-1-228 ~]$
```

```
ec2-user@ip-10-100-1-228:~  
[ec2-user@ip-10-100-0-93 ~]$ ssh -i ssh.pem ec2-user@10.100.1.228  
Last login: Sat Jan 1 17:07:29 2022 from 10.100.0.93
```

```
 _ | _ | _ )  
 _ | ( _ | /  Amazon Linux 2 AMI  
 _ | \ _ | _ |
```

```
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-10-100-1-228 ~]$  
Using username "ec2-user".  
Authenticating with public key "imported-openssh-key"  
Last login: Sat Jan 1 17:01:15 2022 from 49.37.215.57
```

```
 _ | _ | _ )  
 _ | ( _ | /  Amazon Linux 2 AMI  
 _ | \ _ | _ |
```

```
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-10-100-0-93 ~]$ ssh -i ssh.pem ec2-user@10.100.1.228  
Last login: Sat Jan 1 17:07:42 2022 from 10.100.0.93
```

```
 _ | _ | _ )  
 _ | ( _ | /  Amazon Linux 2 AMI  
 _ | \ _ | _ |
```

```
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-10-100-1-228 ~]$ ping 10.200.1.145  
PING 10.200.1.145 (10.200.1.145) 56(84) bytes of data.  
■
```

*we are not able to
ping VPC-B*

Finally now we need to create vpc 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-to-VPC-B-PEERING

Select a local VPC to peer with

VPC ID (Requester)

vpc-020ab2e76998ce6ac (VPC-A)

VPC CIDRs for vpc-020ab2e76998ce6ac (VPC-A)

| CIDR | Status | Status reason |
|---------------|--------------|---------------|
| 10.100.0.0/16 | ✓ Associated | - |

Select another VPC to peer with

Account

My account

Region

- ☒ This Region (ap-south-1)
☐ Another Region

VPC ID (Accepter)

vpc-09ca2460884e6a22c (VPC-B)

VPC CIDRs for vpc-09ca2460884e6a22c (VPC-B)

| CIDR | Status | Status reason |
|---------------|--------------|---------------|
| 10.200.0.0/16 | ✔ 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

🔍 Name



🔍

VPC-A-to-VPC-B-PEERING



Remove

Add new tag

You can add 49 more tags.

Cancel

Create peering connection

Peering connections (1) [Info](#)



Actions ▾

Create peering connection

🔍 Filter peering connections

< 1 > ⚙️

| | Name | Peering connection ID | Status | Requester VPC | Accepter VPC | |
|-----------------------|------------------------|-----------------------|----------------------|-------------------------------|-------------------------------|----|
| <input type="radio"/> | VPC-A-to-VPC-B-PEERING | pcx-0417729de1c95bda0 | ⌚ Pending acceptance | vpc-020ab2e76998ce6ac / VP... | vpc-09ca2460884e6a22c / VP... | 10 |

🟢 Your VPC peering connection (pcx-0417729de1c95bda0 / VPC-A-to-VPC-B-PEERING) has been established.
 To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables. [Info](#)

Modify my route tables now

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

Filter peering connections

| Name | Peering connection ID | Status | Requester VPC | Accepter VPC |
|------------------------|-----------------------|--------|-------------------------------|-------------------------------|
| VPC-A-to-VPC-B-PEERING | pcx-0417729de1c95bda0 | Active | vpc-020ab2e76998ce6ac / VP... | vpc-09ca2460884e6a22c / VP... |

```
[ec2-user@ip-10-100-0-93 ~]$ ssh -i ssh.pem ec2-user@10.100.1.228
Last login: Sat Jan  1 17:07:42 2022 from 10.100.0.93

 _ _ | _ _ |
 _ _ | ( _ _ | / Amazon Linux 2 AMI
 _ _ | \ _ _ | _ _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-1-228 ~]$ ping 10.200.1.145
PING 10.200.1.145 (10.200.1.145) 56(84) bytes of data.
Using username "ec2-user".
Authenticating with public key "imported-openssh-key"
Last login: Sat Jan  1 17:13:11 2022 from 49.37.215.57

 _ _ | _ _ |
 _ _ | ( _ _ | / Amazon Linux 2 AMI
 _ _ | \ _ _ | _ _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-0-93 ~]$ ssh -i ssh.pem ec2-user@10.100.1.228
Last login: Sat Jan  1 17:13:13 2022 from 10.100.0.93

 _ _ | _ _ |
 _ _ | ( _ _ | / Amazon Linux 2 AMI
 _ _ | \ _ _ | _ _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-1-228 ~]$ ping 10.200.1.145
PING 10.200.1.145 (10.200.1.145) 56(84) bytes of data.
64 bytes from 10.200.1.145: icmp_seq=1 ttl=64 time=0.403 ms
64 bytes from 10.200.1.145: icmp_seq=2 ttl=64 time=0.508 ms
64 bytes from 10.200.1.145: icmp_seq=3 ttl=64 time=0.423 ms
64 bytes from 10.200.1.145: icmp_seq=4 ttl=64 time=0.496 ms
64 bytes from 10.200.1.145: icmp_seq=5 ttl=64 time=0.407 ms
64 bytes from 10.200.1.145: icmp_seq=6 ttl=64 time=0.458 ms
64 bytes from 10.200.1.145: icmp_seq=7 ttl=64 time=0.417 ms
64 bytes from 10.200.1.145: icmp_seq=8 ttl=64 time=0.437 ms
64 bytes from 10.200.1.145: icmp_seq=9 ttl=64 time=0.424 ms
^C
--- 10.200.1.145 ping statistics ---
9 packets transmitted, 9 received, 0% packet loss, time 8168ms
rtt min/avg/max/mdev = 0.403/0.441/0.508/0.041 ms
[ec2-user@ip-10-100-1-228 ~]$
```

connecting
 VPC
 Instance