

LAB | AWS VPC Peering

VPCs

The screenshot shows the AWS VPC console interface. The top navigation bar includes the AWS logo, a search bar, and the user's account information (Ironhack AWS for Education). The left sidebar contains a 'VPC dashboard' with a 'Filter by VPC' dropdown and a list of VPC-related resources under 'Virtual private cloud' and 'Security'. The main content area displays the details for VPC 'vpc-0804eb9829107a43e / main-vpc-vijaya'. The 'Details' section includes fields for VPC ID, State (Available), Block Public Access (Off), DNS resolution (Enabled), Tenancy (default), DHCP option set, Main network ACL, Default VPC (No), IPv4 CIDR (10.0.0.0/16), IPv6 CIDR (Network border group), Network Address Usage metrics (Disabled), Encryption control ID, and Encryption control mode. The 'CIDRs' tab is selected, showing a table with one entry: IPv4 CIDR 10.0.0.0/16, which is 'Associated'.

VPC dashboard < **vpc-0804eb9829107a43e / main-vpc-vijaya** **Actions**

AWS 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

▼ **Security**

...

Details [Info](#)

VPC ID [vpc-0804eb9829107a43e](#)

State [Available](#)

Block Public Access [Off](#)

DNS hostnames [Disabled](#)

DNS resolution [Enabled](#)

Tenancy [default](#)

DHCP option set [dopt-0d5b6b21a0df85bf4](#)

Main network ACL [acl-086c03adf6d2035e1](#)

Default VPC [No](#)

IPv4 CIDR [10.0.0.0/16](#)

IPv6 CIDR (Network border group) [-](#)

Network Address Usage metrics [Disabled](#)

Encryption control ID [-](#)

Encryption control mode [-](#)

Route 53 Resolver DNS Firewall rule groups [-](#)

Main route table [rtb-0b15446d8446b8b58](#)

IPv6 pool [-](#)

Owner ID [686699774218](#)

Resource map [CIDRs](#) Flow logs Tags Integrations

IPv4 CIDRs [Info](#) [Edit CIDRs](#)

Address family	CIDR	Status
IPv4	10.0.0.0/16	Associated

The screenshot shows the AWS VPC console interface for VPC 'vpc-0121b269781c0675a / sub-vpc-vijaya'. The layout is similar to the first screenshot, with the 'Details' section showing VPC ID, State (Available), Block Public Access (Off), DNS resolution (Enabled), Tenancy (default), DHCP option set, Main network ACL, Default VPC (No), IPv4 CIDR (10.11.0.0/16), IPv6 CIDR (Network border group), Network Address Usage metrics (Disabled), Encryption control ID, and Encryption control mode. The 'CIDRs' tab is selected, showing a table with one entry: IPv4 CIDR 10.11.0.0/16, which is 'Associated'.

VPC dashboard < **vpc-0121b269781c0675a / sub-vpc-vijaya** **Actions**

AWS 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

▼ **Security**

Network ACLs

Details [Info](#)

VPC ID [vpc-0121b269781c0675a](#)

State [Available](#)

Block Public Access [Off](#)

DNS hostnames [Disabled](#)

DNS resolution [Enabled](#)

Tenancy [default](#)

DHCP option set [dopt-0dca8f808f2549bd7](#)

Main network ACL [acl-05efce26d5fe7e948](#)

Default VPC [No](#)

IPv4 CIDR [10.11.0.0/16](#)

IPv6 CIDR (Network border group) [-](#)

Network Address Usage metrics [Disabled](#)

Encryption control ID [-](#)

Encryption control mode [-](#)

Route 53 Resolver DNS Firewall rule groups [-](#)

Main route table [rtb-0aefee39019304157](#)

IPv6 pool [-](#)

Owner ID [686699774218](#)

Resource map [CIDRs](#) Flow logs Tags Integrations

IPv4 CIDRs [Info](#) [Edit CIDRs](#)

Address family	CIDR	Status
IPv4	10.11.0.0/16	Associated

Subnets

VPC > Subnets > subnet-01330dbb5c3074e56

VPC dashboard

AWS 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

Security

Network ACLs

subnet-01330dbb5c3074e56 / public-a-vijaya

Details

Subnet ID

subnet-01330dbb5c3074e56

Subnet ARN

arn:aws:ec2:us-east-1:686699774218:subnet/subnet-01330dbb5c3074e56

State

Available

Block Public Access

Off

IPv4 CIDR

10.0.1.0/24

Available IPv4 addresses

250

IPv6 CIDR

-

IPv6 CIDR association ID

-

Availability Zone

us-east-1f

Network border group

us-east-1

VPC

vpc-0804eb9829107a43e | main-vpc - vijaya

Route table

rtb-034c91c4d98c50669 | rt-public-a-vijaya

Network ACL

acl-086c03adfd6d2035e1

Default subnet

No

Auto-assign public IPv4 address

Yes

Auto-assign IPv6 address

No

Auto-assign customer-owned IPv4 address

No

Customer-owned IPv4 pool

-

Outpost ID

-

IPv4 CIDR reservations

-

Hostname type

IP name

IPv6-only

No

Resource name DNS AAAA record

Disabled

DNS64

Disabled

Owner

686699774218

Flow logs

Route table

Network ACL

CIDR reservations

Sharing

Tags

aws

Search

[Alt+S]

United States (N. California)

Ironhack AWS for Education (6866-9977-4218)

vijayagala

VPC > Subnets > subnet-0b832bbc6bcd5f8c9

VPC dashboard

AWS 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

Security

Network ACLs

subnet-0b832bbc6bcd5f8c9 / private-b-vijaya

Details

Subnet ID

subnet-0b832bbc6bcd5f8c9

Subnet ARN

arn:aws:ec2:us-west-1:686699774218:subnet/subnet-0b832bbc6bcd5f8c9

State

Available

Block Public Access

Off

IPv4 CIDR

10.11.1.0/24

Available IPv4 addresses

250

IPv6 CIDR

-

IPv6 CIDR association ID

-

Availability Zone

usw1-az3 (us-west-1c)

Network border group

-

VPC

vpc-0121b269781c0675a | sub-vpc-vijaya

Route table

rtb-09ff83ad229e5b505 | rt-private-b-vijaya

Network ACL

acl-05efce26d5fe7e948

Default subnet

No

Auto-assign public IPv4 address

No

Auto-assign IPv6 address

No

Auto-assign customer-owned IPv4 address

No

Customer-owned IPv4 pool

-

Outpost ID

-

IPv4 CIDR reservations

-

Hostname type

IP name

IPv6-only

No

Resource name DNS A record

Disabled

DNS64

Disabled

Owner

686699774218

Flow logs

Route table

Network ACL

CIDR reservations

Sharing

Tags

aws

Search

[Alt+S]

United States (N. Virginia)

Ironhack AWS for Education (6866-9977-4218)

vijayagala

Route Tables

VPC > Route tables > rtb-034c91c4d98c50669

VPC dashboard

AWS 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

Security

Network ACLs

rtb-034c91c4d98c50669 / rt-public-a-vijaya

Details

Route table ID

rtb-034c91c4d98c50669

Main

No

Explicit subnet associations

subnet-01330dbb5c3074e56 / public-a-vijaya

Edge associations

-

VPC

vpc-0804eb9829107a43e | main-vpc - vijaya

Owner ID

686699774218

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (3)

Filter routes

Both

Edit routes

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-00087da45e79a7a87	Active	No	Create Route
10.0.0.0/16	local	Active	No	Create Route Table
10.11.0.0/16	pcx-0fee7104958c94310	Active	No	Create Route

aws

Search

[Alt+S]

United States (N. Virginia)

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aws [Search] [Alt+S] United States (N. California) Ironhack AWS for Education (6866-9977-4218) vijayagapla

VPC > Route tables > rtb-09ff83ad229e5b505

VPC dashboard <

AWS Global View [↗](#)

Filter by VPC ▾

▼ Virtual private cloud

- Your VPCs
- Subnets
- Route tables**
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- NAT gateways
- Peering connections
- Route servers

▼ Security

- Network ACLs

rtb-09ff83ad229e5b505 / rt-private-b-vijaya

Actions ▾

Details [Info](#)

Route table ID
[rtb-09ff83ad229e5b505](#)

VPC
[vpc-0121b269781c0675a](#) | [sub-vpc-vijaya](#)

Main
[No](#)

Owner ID
[686699774218](#)

Explicit subnet associations
[subnet-0b832bbc6bcd5f8c9](#) / [private-b-vijaya](#)

Edge associations
-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Both ▾

Edit routes

Destination ▾	Target ▾	Status ▾	Propagated ▾	Route Origin ▾
10.0.0.0/16	pcx-0fee7104958c94310	Active	No	Create Route
10.11.0.0/16	local	Active	No	Create Route Table

Internet Gateway

aws [Search] [Alt+S] United States (N. Virginia) Ironhack AWS for Education (6866-9977-4218) vijayagapla

VPC > Internet gateways > igw-00087da45e79a7a87

VPC dashboard <

AWS 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

▼ Security

- Network ACLs

igw-00087da45e79a7a87 / igw-main-vijaya

Actions ▾

Details [Info](#)

Internet gateway ID
[igw-00087da45e79a7a87](#)

VPC ID
[vpc-0804eb9829107a43e](#) | [main-vpc-vijaya](#)

State
Attached

Owner
[686699774218](#)

Tags (1)

Manage tags

Key	Value
Name	igw-main-vijaya

Peering Connections



```
ec2-user@ip-10-11-1-130:~  
vijayagagla@DESKTOP-FP40P26:~$ ssh-add ~/.ssh/test-b-key-vijaya.pem  
Identity added: /home/vijayagagla/.ssh/test-b-key-vijaya.pem (/home/vijayagagla/.ssh/test-b-key-vijaya.pem)  
vijayagagla@DESKTOP-FP40P26:~$ ssh -A -i test-a-key-vijaya.pem ec2-user@44.192.81.62  
  
#_ _  
~\   #####_  
~~~ \#####\  
~~~~ \|###|  
~~~~ \|#/      https://aws.amazon.com/linux/amazon-linux-2023  
~~~~ V~'--->  
~~~~  
~~~~_-._'  
~~~~-/  --/  
~~~~/_m/'--  
  
Last login: Sun Jan 25 21:11:14 2026 from 95.129.5.64  
[ec2-user@ip-10-0-1-102 ~]$ ssh ec2-user@10.11.1.130  
  
#_ _  
~\   #####_  
~~~ \#####\  
~~~~ \|###|  
~~~~ \|#/      https://aws.amazon.com/linux/amazon-linux-2023  
~~~~ V~'--->  
~~~~  
~~~~_-._'  
~~~~-/  --/  
~~~~/_m/'--  
  
Last login: Sun Jan 25 21:12:11 2026 from 10.0.1.102  
[ec2-user@ip-10-11-1-130 ~]$ |
```