

1. VPC-1

[Option+S]

United States (N. Virginia)

SaurabGhimire

-0ce9027356a9d4938

Actions

vpc-0ce9027356a9d4938 / vpc1

Details

Info

VPC ID

vpc-0ce9027356a9d4938

DNS resolution

Enabled

Main network ACL

acl-099d4ae50ad4eeba1

IPv6 CIDR (Network border group)

-

State

Available

Tenancy

default

Default VPC

No

Network Address Usage metrics

Disabled

Block Public Access

Off

DHCP option set

dopt-02bb50ead09374932

IPv4 CIDR

10.0.0.0/23

Route 53 Resolver DNS Firewall rule groups

-

DNS hostnames

Disabled

Main route table

rtb-02446e5f86bad9410 / route-table1

IPv6 pool

-

Owner ID

103619411293

Resource map

CIDRs

Flow logs

Tags

Integrations

Resource map

Info

VPC

Show details

Your AWS virtual network

vpc1

Subnets (2)

Subnets within this VPC

us-east-1b

Subnet-1

Subnet-2

Route tables (2)

Route network traffic to resources

route-table2

route-table1

Network

Connect

igw-02

2. VPC-2

[Option+S]

United States (N. Virginia)

SaurabGhimire

086b8b45ff1b93041

Actions

vpc-086b8b45ff1b93041 / vpc2

Details

Info

VPC ID

vpc-086b8b45ff1b93041

DNS resolution

Enabled

Main network ACL

acl-05279c5e7c692c767

IPv6 CIDR (Network border group)

-

State

Available

Tenancy

default

Default VPC

No

Network Address Usage metrics

Disabled

Block Public Access

Off

DHCP option set

dopt-02bb50ead09374932

IPv4 CIDR

10.1.0.0/16

Route 53 Resolver DNS Firewall rule groups

-

DNS hostnames

Disabled

Main route table

rtb-0a0ab15b9864acd29 / route-table3

IPv6 pool

-

Owner ID

103619411293

Resource map

CIDRs

Flow logs

Tags

Integrations

Resource map

Info

VPC

Show details

Your AWS virtual network

vpc2

Subnets (1)

Subnets within this VPC

us-east-1a

subnet3

Route tables (1)

Route network traffic to resources

route-table3

Network

Connect

3. VPC-peering

[Option+S]

United States (N. Virginia) ▾

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pcx-0ef4feed369a1cbd7

pcx-0ef4feed369a1cbd7

Actions ▾

Details Info

Requester owner ID

103619411293

Peering connection ID

pcx-0ef4feed369a1cbd7

Status

Active

Expiration time

—

Accepter owner ID

103619411293

Requester VPC

vpc-0ce9027356a9d4938 / vpc1

Requester CIDRs

10.0.0.0/23

Requester Region

N. Virginia (us-east-1)

VPC Peering connection ARN

arn:aws:ec2:us-east-1:103619411293:vpc-peering-connection/pcx-0ef4feed369a1cbd7

Accepter VPC

vpc-086b8b45ff1b93041 / vpc2

Accepter CIDRs

10.1.0.0/16

Accepter Region

N. Virginia (us-east-1)

DNS

Route tables

Tags

DNS settings

Edit DNS settings

Requester VPC (vpc-0ce9027356a9d4938 / vpc1) Info

Allow accepter VPC to resolve DNS of hosts in requester VPC to private IP addresses

Disabled

Accepter VPC (vpc-086b8b45ff1b93041 / vpc2) Info

Allow requester VPC to resolve DNS of hosts in accepter VPC to private IP addresses

Disabled

4. Route-Tables of Subnet1, Subnet2, Subnet3

rtb-02446e5f86bad9410 / route-table1

Actions

Details

Info

Route table ID

rtb-02446e5f86bad9410

VPC

vpc-0ce9027356a9d4938 | vpc1

Main

Yes

Owner ID

103619411293

Explicit subnet associations

-

Edge associations

-

- Routes
- Subnet associations
- Edge associations
- Route propagation
- Tags

Routes (3)

Both

Edit routes

Filter routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-02f775060cfab9494	Active	No
10.0.0.0/23	local	Active	No
10.1.0.0/16	pcx-0ef4feed369a1cbd7	Active	No

rtb-05f45c9c7690087c5 / route-table2

Actions

Details

Info

Route table ID

rtb-05f45c9c7690087c5

VPC

vpc-0ce9027356a9d4938 | vpc1

Main

No

Owner ID

103619411293

Explicit subnet associations

subnet-045419e96a9650197 / Subnet-2

Edge associations

-

- Routes
- Subnet associations
- Edge associations
- Route propagation
- Tags

Routes (1)

Both

Edit routes

Filter routes

Destination	Target	Status	Propagated
10.0.0.0/23	local	Active	No

[Option+S]

United States (N. Virginia)

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tb-0a0ab15b9864acd29

rtb-0a0ab15b9864acd29 / route-table3

Actions

Details

Info

Route table ID

rtb-0a0ab15b9864acd29

VPC

vpc-086b8b45ff1b93041 | vpc2

Main

Yes

Owner ID

103619411293

Explicit subnet associations

subnet-0d970daec3beea31f / subnet3

Edge associations

-

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (2)

Both

Edit routes





























Filter routes

Destination	Target	Status	Propagated
10.0.0.0/23	pcx-0ef4feed369a1cbd7	Active	No
10.1.0.0/16	local	Active	No

5. Subnet 1, Subnet 2, Subnet 3





























subnet-0b8e8d61ddc25c6c4 / Subnet-1

Actions ▾

<div>Details</div>			
<div>Subnet ID</div> <div> subnet-0b8e8d61ddc25c6c4</div>	<div>Subnet ARN</div> <div> arn:aws:ec2:us-east-1:103619411293:subnet/subnet-0b8e8d61ddc25c6c4</div>	<div>State</div> <div> Available</div>	<div>Block Public Access</div> <div> Off</div>
<div>IPv4 CIDR</div> <div> 10.0.0.0/28</div>	<div>Available IPv4 addresses</div> <div> 10</div>	<div>IPv6 CIDR</div> <div> -</div>	<div>IPv6 CIDR association ID</div> <div> -</div>
<div>Availability Zone</div> <div> us-east-1b</div>	<div>Network border group</div> <div> us-east-1</div>	<div>Default subnet</div> <div> No</div>	<div>VPC</div> <div> vpc-0ce9027356a9d4938 vpc1</div>
<div>Route table</div> <div> rtb-02446e5f86bad9410 route-table1</div>	<div>Availability Zone ID</div> <div> use1-az1</div>	<div>Customer-owned IPv4 pool</div> <div> -</div>	<div>Auto-assign public IPv4 address</div> <div> No</div>
<div>Auto-assign IPv6 address</div> <div> No</div>	<div>Network ACL</div> <div> acl-099d4ae50ad4eeba1</div>	<div>IPv6-only</div> <div> No</div>	<div>Outpost ID</div> <div> -</div>
<div>IPv4 CIDR reservations</div> <div> -</div>	<div>Auto-assign customer-owned IPv4 address</div> <div> No</div>	<div>DNS64</div> <div> Disabled</div>	<div>Hostname type</div> <div> IP name</div>
<div>Resource name DNS A record</div> <div> Disabled</div>	<div>IPv6 CIDR reservations</div> <div> -</div>	<div>Owner</div> <div> 103619411293</div>	
	<div>Resource name DNS AAAA record</div> <div> Disabled</div>		

subnet-045419e96a9650197 / Subnet-2

Actions ▾

<div>Details</div>			
<div>Subnet ID</div> <div> subnet-045419e96a9650197</div>	<div>Subnet ARN</div> <div> arn:aws:ec2:us-east-1:103619411293:subnet/subnet-045419e96a9650197</div>	<div>State</div> <div> Available</div>	<div>Block Public Access</div> <div> Off</div>
<div>IPv4 CIDR</div> <div> 10.0.0.64/26</div>	<div>Available IPv4 addresses</div> <div> 58</div>	<div>IPv6 CIDR</div> <div> -</div>	<div>IPv6 CIDR association ID</div> <div> -</div>
<div>Availability Zone</div> <div> us-east-1b</div>	<div>Network border group</div> <div> us-east-1</div>	<div>Default subnet</div> <div> No</div>	<div>VPC</div> <div> vpc-0ce9027356a9d4938 vpc1</div>
<div>Route table</div> <div> rtb-05f45c9c7690087c5 route-table2</div>	<div>Availability Zone ID</div> <div> use1-az1</div>	<div>Customer-owned IPv4 pool</div> <div> -</div>	<div>Auto-assign public IPv4 address</div> <div> No</div>
<div>Auto-assign IPv6 address</div> <div> No</div>	<div>Network ACL</div> <div> acl-099d4ae50ad4eeba1</div>	<div>IPv6-only</div> <div> No</div>	<div>Outpost ID</div> <div> -</div>
<div>IPv4 CIDR reservations</div> <div> -</div>	<div>Auto-assign customer-owned IPv4 address</div> <div> No</div>	<div>DNS64</div> <div> Disabled</div>	<div>Hostname type</div> <div> IP name</div>
<div>Resource name DNS A record</div> <div> Disabled</div>	<div>IPv6 CIDR reservations</div> <div> -</div>	<div>Owner</div> <div> 103619411293</div>	
	<div>Resource name DNS AAAA record</div> <div> Disabled</div>		

[Option+S]

United States (N. Virginia) ▾

SaurabGhimire ▾

-0d970daec3beea31f

subnet-0d970daec3beea31f / subnet3

Actions ▾

Details

Subnet ID

subnet-0d970daec3beea31f

IPv4 CIDR

10.1.0.0/24

Availability Zone

us-east-1a

Route table

rtb-0a0ab15b9864acd29 | route-table3

Auto-assign IPv6 address

No

IPv4 CIDR reservations

-

Resource name DNS A record

Disabled

Subnet ARN

arn:aws:ec2:us-east-1:103619411293:subnet/subnet-0d970daec3beea31f

Available IPv4 addresses

250

Availability Zone ID

use1-az6

Network ACL

acl-05279c5e7c692c767

Auto-assign customer-owned IPv4 address

No

IPv6 CIDR reservations

-

Resource name DNS AAAA record

Disabled

State

Available

IPv6 CIDR

-

Network border group

us-east-1

Default subnet

No

Customer-owned IPv4 pool

-

IPv6-only

No

DNS64

Disabled

Block Public Access

Off

IPv6 CIDR association ID

-

VPC

vpc-086b8b45ff1b93041 | vpc2

Auto-assign public IPv4 address

No

Outpost ID

-

Hostname type

IP name

Owner

103619411293

6. Instances

Instance summary for i-0cd687c4c282ae622 (Public) [Info](#)

Updated less than a minute ago

Instance ID

i-0cd687c4c282ae622

IPv6 address

—

Hostname type

IP name: ip-10-0-0-8.ec2.internal

Answer private resource DNS name

—

Auto-assigned IP address

44.202.185.161 [Public IP]

IAM Role

—

IMDSv2

Required

Public IPv4 address

44.202.185.161 | [open address](#)

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-0-8.ec2.internal

Instance type

t2.micro

VPC ID

vpc-0ce9027356a9d4938

Subnet ID

subnet-0b8e8d61ddc25c6c4 (Subnet-1)

Instance ARN

arn:aws:ec2:us-east-1:103619411293:instance/i-0cd687c4c282ae622

Private IPv4 addresses

10.0.0.8

Public IPv4 DNS

—

Elastic IP addresses

—

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

Auto Scaling Group name

—

Managed

false

[Connect](#) [Instance state ▼](#) [Actions ▼](#)

Instance summary for i-0da87c428b320c86a (Private) [Info](#)

Updated less than a minute ago

Instance ID

i-0da87c428b320c86a

IPv6 address

—

Hostname type

IP name: ip-10-0-0-82.ec2.internal

Answer private resource DNS name

—

Auto-assigned IP address

—

IAM Role

—

IMDSv2

Required

Operator

—

Public IPv4 address

—

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-0-0-82.ec2.internal

Instance type

t2.micro

VPC ID

vpc-0ce9027356a9d4938

Subnet ID

subnet-045419e96a9650197 (Subnet-2)

Instance ARN

arn:aws:ec2:us-east-1:103619411293:instance/i-0da87c428b320c86a

Private IPv4 addresses

10.0.0.82

Public IPv4 DNS

—

Elastic IP addresses

—

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

Auto Scaling Group name

—

Managed

false

[Connect](#) [Instance state ▼](#) [Actions ▼](#)

[Option+S]

United States (N. Virginia) ▾

SaurabGhimire ▾

95fed09e086f1d

Instance summary for i-0cd95fed09e086f1d (privateEC2onSubnet3) Info

Updated less than a minute ago

Instance ID

i-0cd95fed09e086f1d

IPv6 address

-

Hostname type

IP name: ip-10-1-0-15.ec2.internal

Answer private resource DNS name

-

Auto-assigned IP address

-

IAM Role

-

IMDSv2

Required

Operator

-

Public IPv4 address

-

Instance state

Running

Private IP DNS name (IPv4 only)

ip-10-1-0-15.ec2.internal

Instance type

t2.micro

VPC ID

vpc-086b8b45ff1b93041 (vpc2)

Subnet ID

subnet-0d970daec3beea31f (subnet3)

Instance ARN

arn:aws:ec2:us-east-1:103619411293:instance/i-0cd95fed09e086f1d

Private IPv4 addresses

10.1.0.15

Public IPv4 DNS

-

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendation s.
| Learn more

Auto Scaling Group name

-

Managed

false

Connect

Instance state ▾

Actions ▾

7. Terminal Connections


```
[
#_
~\_####_      Amazon Linux 2023
~~ \_#####\
~~   \###|
~~     \#/    https://aws.amazon.com/linux/amazon-linux-2023
~~       V~' '->
~~~~
~~~ * . _
~~ \_/ -/_/
~~ /m/' '->

Last login: Fri Apr  4 16:02:38 2025 from 69.18.37.194
[ec2-user@ip-10-0-0-8 ~]$ ssh -i ec2-private.pem ec2-user@10.0.0.82

#_
~\_####_      Amazon Linux 2023
~~ \_#####\
~~   \###|
~~     \#/    https://aws.amazon.com/linux/amazon-linux-2023
~~       V~' '->
~~~~
~~~ * . _
~~ \_/ -/_/
~~ /m/' '->

Last login: Fri Apr  4 16:02:49 2025 from 10.0.0.8
[ec2-user@ip-10-0-0-82 ~]$ exit
logout
Connection to 10.0.0.82 closed.
[ec2-user@ip-10-0-0-8 ~]$ ssh -i ec2-private.pem ec2-user@10.1.0.15

#_
~\_####_      Amazon Linux 2023
~~ \_#####\
~~   \###|
~~     \#/    https://aws.amazon.com/linux/amazon-linux-2023
~~       V~' '->
~~~~
~~~ * . _
~~ \_/ -/_/
~~ /m/' '->

Last login: Fri Apr  4 16:03:04 2025 from 10.0.0.8
[ec2-user@ip-10-1-0-15 ~]$ exit
logout
Connection to 10.1.0.15 closed.
[ec2-user@ip-10-0-0-8 ~]$
```