

## A12-VPC Peering Connection

Screenshot of the AWS VPC console showing the details of VPC `vp-078d566db0483dfe6`.

**VPC ID:** vp-078d566db0483dfe6

**State:** Available

**Block Public Access:** Off

**DNS resolution:** Enabled

**Tenancy:** default

**Main network ACL:** acl-0f17af48112037f31

**DHCP option set:** dopt-0439b4e502fb77fa7

**IPv4 CIDR:** 10.0.0.0/16

**Default VPC:** No

**Network Address Usage metrics:** Disabled

**Route 53 Resolver DNS Firewall rule groups:** -

**DNS hostnames:** Disabled

**Main route table:** rtb-0f412980d97de5adc

**IPv6 pool:** -

**Owner ID:** 705733738044

**Resource map:** Subnets (1) | Route tables (2)

**Subnets:** Your AWS virtual network

**Route tables:** Subnets within this VPC

**Route tables (2):** Route network traffic to resources

Screenshot of the AWS VPC console showing the details of VPC `vp-00b3b37a8d2a35aa1`.

**VPC ID:** vp-00b3b37a8d2a35aa1

**State:** Available

**Block Public Access:** Off

**DNS resolution:** Enabled

**Tenancy:** default

**Main network ACL:** acl-0cc8bf00ce740c5e7

**DHCP option set:** dopt-0439b4e502fb77fa7

**IPv4 CIDR:** 192.72.0.0/16

**Default VPC:** No

**Network Address Usage metrics:** Disabled

**Route 53 Resolver DNS Firewall rule groups:** -

**DNS hostnames:** Disabled

**Main route table:** rtb-0a689c70ca99f6850

**IPv6 pool:** -

**Owner ID:** 705733738044

**Resource map:** Subnets (1) | Route tables (2)

**Subnets:** Your AWS virtual network

**Route tables:** Subnets within this VPC

**Route tables (2):** Route network traffic to resources

Screenshot of the AWS VPC console showing the details of Subnet `subnet-0edfd5bfd471562a8`.

**Subnet ID:** subnet-0edfd5bfd471562a8

**Subnet ARN:** arn:aws:ec2:us-east-1:705733738044:subnet/subnet-0edfd5bfd471562a8

**State:** Available

**IPv4 CIDR:** 10.0.0.0/16

**Available IPv4 addresses:** 32763

**IPv6 CIDR:** -

**Availability Zone:** use1-az1 (us-east-1a)

**Network border group:** us-east-1

**Auto-assign public IPv4 address:** No

**Auto-assign customer-owned IPv4 address:** No

**Customer-owned IPv4 pool:** -

**Default subnet:** No

**Outpost ID:** -

**Hostname type:** IP name

**IPv6 CIDR reservations:** -

**Owner:** 705733738044

**Block Public Access:** Off

**IPv6 CIDR association ID:** -

**Route table:** rtb-021028b7f0fc26778 | RT-1-VPC-1

**Auto-assign IPv6 address:** No

**IPv4 CIDR reservations:** -

**Resource name DNS A record:** Disabled

**Resource name DNS AAAA record:** Disabled

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VPC > Subnets > subnet-05ab92f10a2ddc8e0

Filter by VPC Actions

**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

**subnet-05ab92f10a2ddc8e0 / Subnet-2-VPC-2**

**Details**

Subnet ID	Subnet ARN	State	Block Public Access
subnet-05ab92f10a2ddc8e0	arn:aws:ec2:us-east-1:705733738044:subnet/subnet-05ab92f10a2ddc8e0	Available	Off
IPv4 CIDR	IPv6 CIDR	IPv6 CIDR association ID	
192.72.0.0/22	-	-	
Availability Zone	VPC	Route table	
use1-az1 (us-east-1a)	vpc-00b3b37a8d2a35aa1   vpc-2	rtb-0cd61ce9877bd29ab   RT-1-VPC-2	
Network ACL	Auto-assign public IPv4 address	Auto-assign IPv6 address	
ac-0cc8ff0ce740c5e7	No	No	
Auto-assign customer-owned IPv4 address	Default subnet	Outpost ID	
No	No	-	
IPv6 CIDR reservations	Customer-owned IPv4 pool	Hostname type	IPv4 CIDR reservations
-	-	IP name	-
Resource name DNS AAAA record	IPv6-only	Owner	Resource name DNS A record
Disabled	No	705733738044	Disabled
DNS64	DNS64		
Disabled	Disabled		

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VPC > Route tables > rtb-021028b7f0fc26778

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**rtb-021028b7f0fc26778 / RT-1-VPC-1**

**Details** Info

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-021028b7f0fc26778	No	subnet-0edfd5bfd471562a8 / Subnet-1-VPC-1	-
VPC	Owner ID		
vpc-078d566db0483dfe6   vpc-1	705733738044		

**Routes** Subnet associations Edge associations Route propagation Tags

**Routes (3)**

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-086e5cb4b0e43135d	Active	No	Create Route
10.0.0.0/16	local	Active	No	Create Route Table
192.72.0.0/21	pxx-045ca1fsb4ad6862d	Active	No	Create Route

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**Route table ID:** rtb-0cd61ce9877bd29ab / RT-2-VPC-2

**Main:** No

**Owner ID:** vpc-00b5b57a8d2a35aa1 | vpc-2

**Explicit subnet associations:** subnet-05ab92f10a2dcdb8e0 / Subnet-2-VPC-2

**Edge associations:** -

**Routes:**

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	igw-03882f714cd401f6e	Active	No	Create Route
10.0.0.0/16	px-045ca1f5b4ad6862d	Active	No	Create Route
192.72.0.0/21	local	Active	No	Create Route Table

**Internet gateway ID:** igw-086e5cb4b0e43135d / IGW-1

**State:** Attached

**VPC ID:** vpc-078d566db0483dfe6 | vpc-1

**Owner:** 705733738044

**Tags:**

Key	Value
Name	IGW-1

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VPC > Internet gateways > igw-03882f714cd401f6e

igw-03882f714cd401f6e / IGW-2

Virtual private cloud

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Details Info Internet gateway ID: igw-03882f714cd401f6e State: Attached VPC ID: vpc-00b3b37a8d2a35aa1 | vpc-2 Owner: 705733738044

Tags

Key	Value
Name	IGW-2

Manage tags < 1 > ⚙

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VPC > Peering connections

Peering connections (1/1) Info

Find peering connections by attribute or tag

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
Peering-1	pcx-045ca1f5b4ad6862d	Active	vpc-078d566db0483dfe6 / vpc-1	vpc-00b3b37a8d2a35aa1

Actions Create peering connection < 1 > ⚙

pcx-045ca1f5b4ad6862d / Peering-1

Details DNS Route tables Tags

Details

Requester owner ID	Acceptor owner ID	VPC Peering connection ARN
705733738044	705733738044	arn:aws:ec2:us-east-1:705733738044:vpc-peering-connection/pcx-045ca1f5b4ad6862d
Peering connection ID	Requester VPC	Acceptor VPC
pcx-045ca1f5b4ad6862d	vpc-078d566db0483dfe6 / vpc-1	vpc-00b3b37a8d2a35aa1 / vpc-2
Status	Requester CIDRs	

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EC2 > Instances > i-0b3df985f7acc2492

Instance summary for i-0b3df985f7acc2492 (EC2-1-VPC-1) Info

Updated less than a minute ago

EC2

- Dashboard
- EC2 Global View
- Events
- Instances
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  - Reserved Instances
  - Dedicated Hosts
  - Capacity Reservations
- Images
  - AMIs
  - AMI Catalog
- Elastic Block Store

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Connect Instance state Actions

Instance ID: i-0b3df985f7acc2492	Public IPv4 address: 44.200.2.169   open address	Private IPv4 addresses: 10.0.66.66
IPv6 address: -	Instance state: Running	Public DNS: -
Hostname type: IP name: ip-10-0-66-66.ec2.internal	Private IP DNS name (IPv4 only): ip-10-0-66-66.ec2.internal	Elastic IP addresses: -
Answer private resource DNS name: -	Instance type: t2.micro	AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations.   Learn more
Auto-assigned IP address: 44.200.2.169 [Public IP]	VPC ID: vpc-078d566db0483dfe6 (vpc-1)	Auto Scaling Group name: -
IAM Role: -	Subnet ID: subnet-0edfd5bfd471562a8 (Subnet-1-VPC-1)	

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EC2 Instances i-05399058c1a224201

**EC2**

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**Instance summary for i-05399058c1a224201 (EC2-2-VPC-2)**

Instance ID	Public IPv4 address	Private IPv4 addresses
i-05399058c1a224201	13.219.230.22 [open address]	192.72.1.78
IPv6 address	Instance state	Public DNS
-	Running	-
Hostname type	Private IP DNS name (IPv4 only)	Elastic IP addresses
IP name: ip-192-72-1-78.ec2.internal	ip-192-72-1-78.ec2.internal	-
Answer private resource DNS name	Instance type	AWS Compute Optimizer finding
-	t2.micro	Opt-in to AWS Compute Optimizer for recommendations.
Auto-assigned IP address	VPC ID	Learn more
13.219.230.22 [Public IP]	vpc-00b3b37a8d2a35aa1 (vpc-2)	Auto Scaling Group name
IAM Role	Subnet ID	-
-	subnet-05ab92f10a2cd8e0 (Subnet-2-VPC-2)	

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```
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https://aws.amazon.com/linux/amazon-linux-2023

Last login: Thu Sep 18 07:24:52 2025 from 18.206.107.29
[ec2-user@ip-10-0-66-66 ~]$ ping 192.72.1.78
PING 192.72.1.78 (192.72.1.78) 56(84) bytes of data.
64 bytes from 192.72.1.78: icmp_seq=1 ttl=127 time=0.480 ms
64 bytes from 192.72.1.78: icmp_seq=2 ttl=127 time=0.450 ms
64 bytes from 192.72.1.78: icmp_seq=3 ttl=127 time=0.539 ms
64 bytes from 192.72.1.78: icmp_seq=4 ttl=127 time=0.501 ms
64 bytes from 192.72.1.78: icmp_seq=5 ttl=127 time=0.393 ms
64 bytes from 192.72.1.78: icmp_seq=6 ttl=127 time=0.557 ms
64 bytes from 192.72.1.78: icmp_seq=7 ttl=127 time=0.448 ms
^C
--- 192.72.1.78 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6216ms
rtt min/avg/max/mdev = 0.393/0.481/0.557/0.052 ms
[ec2-user@ip-10-0-66-66 ~]$
```

**i-0b3df985f7acc2492 (EC2-1-VPC-1)**

Public IPs: 44.200.2.169 Private IPs: 10.0.66.66

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