

# CREATING VPC WITH PRIVATE AND PUBLIC SUBNET

The screenshot displays the AWS Management Console interface. At the top, a green banner confirms the successful creation of VPC vpc-027e04db07bb98c73. The main content area shows the details for VPC vpc1 (vpc-027e04db07bb98c73). The details are organized into sections: VPC ID, Tenancy, Default, Default VPC, Owner ID, State, DHCP options set, IPv4 CIDR, DNS Hostnames, Route table, Network ACL, DNS resolution, and IPv6 CIDR. Below the details, there are tabs for CIDRs, Flow logs, and Tags. The CIDRs section shows the IPv4 CIDR 10.0.0.0/16 and the IPv6 CIDR 10.0.0.0/16, both associated. The left sidebar contains navigation links for various AWS services, including VPC, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, Carrier Gateways, DHCP Options Sets, Elastic IPs, Managed Prefix Lists, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, SECURITY, Network ACLs, Security Groups, VIRTUAL PRIVATE NETWORK (VPN), Customer Gateways, Virtual Private Gateways, and Gateways.

**VPC Details:**

Property	Value
VPC ID	vpc-027e04db07bb98c73
Tenancy	Default
Default VPC	No
Owner ID	245024665952
State	Available
DHCP options set	dopt-3bfc9341
IPv4 CIDR	10.0.0.0/16
DNS Hostnames	Disabled
Route table	rtb-0fbcbcedd45625eb6
Network ACL	acl-08d059a2a2b5fc274
DNS resolution	Enabled
IPv6 CIDR	IPv6 CIDR (Network Border Group)

**CIDRs:**

CIDR	Status
10.0.0.0/16	Associated

**IPv6 CIDRs:**

IPv6 CIDR	Status
10.0.0.0/16	Associated

VPC created with name vpc1 with IP 10.0.0.0/16.

Subnets | VPC Manager

console.aws.amazon.com/vpc/home

Business Opportunity... | Rosmi Dhal | 95% Discount Offer... | Special2Connect | LetsUpgrade | Lear... | know more - Bizqu... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | IBM Z Global Studie... | Attendance Manag... | Java Study | Progra...

manoj K | N. Virginia | Support

New VPC Experience

VPC Dashboard

Filter by VPC:

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Create subnet

Filter by tags and attributes or search by keyword

	Name	Subnet ID	State	VPC	IPV4 CIDR	Available IPV4	IPV6 CIDR	Availability Zone	Availability Zone ID	Network Border Gro	Route ta
<input checked="" type="checkbox"/>	publicsubnet	subnet-07f2cbde1d7d9cbf0	available	vpc-027e04db07b98c73	10.0.1.0/24	251	-	us-east-1a	use1-az2	us-east-1	rtb-rfbcb
<input type="checkbox"/>	privatesubnet	subnet-094012cc5a3d5a129	available	vpc-027e04db07b98c73	10.0.2.0/24	251	-	us-east-1b	use1-az4	us-east-1	rtb-rfbcb
<input type="checkbox"/>		subnet-1a73c3b	available	vpc-eb7b996	172.31.80.0/20	4091	-	us-east-1a	use1-az2	us-east-1	rtb-f4f8b
<input type="checkbox"/>		subnet-2c80c161	available	vpc-eb7b996	172.31.16.0/20	4091	-	us-east-1b	use1-az4	us-east-1	rtb-f4f8b
<input type="checkbox"/>		subnet-4c9a2813	available	vpc-eb7b996	172.31.32.0/20	4091	-	us-east-1c	use1-az6	us-east-1	rtb-f4f8b
<input type="checkbox"/>		subnet-9035f0a1	available	vpc-eb7b996	172.31.48.0/20	4091	-	us-east-1e	use1-az3	us-east-1	rtb-f4f8b
<input type="checkbox"/>		subnet-9d741f93	available	vpc-eb7b996	172.31.64.0/20	4091	-	us-east-1f	use1-az5	us-east-1	rtb-f4f8b
<input type="checkbox"/>		subnet-a6fa4bc0	available	vpc-eb7b996	172.31.0.0/20	4091	-	us-east-1d	use1-az1	us-east-1	rtb-f4f8b

Subnet: subnet-07f2cbde1d7d9cbf0

Description

Flow Logs

Route Table

Network ACL

Tags

Sharing

Subnet ID	subnet-07f2cbde1d7d9cbf0	State	available
VPC	vpc-027e04db07b98c73   vpc1	IPV4 CIDR	10.0.1.0/24
Available IPV4 Addresses	251	IPV6 CIDR	-
Availability Zone	us-east-1a (use1-az2)	Network Border Group	us-east-1
Route Table	rtb-rfbcbcd445c25b66	Network ACL	acl-08d059a2a2b5c274
Default subnet	No	Auto-assign public IPV4 address	No
Auto-assign customer-owned IPV4 address	No	Customer-owned IPV4 pool	-
Auto-assign IPV6 address	No	Outpost ID	-
Owner	245024665952		

Feedback

English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

Privacy Policy

Terms of Use

Created subnet to the vpc1 with name public subnet with IP 10.0.1.0/24 in available zone us-east-1a.

Subnets | VPC Management | console.aws.amazon.com/vpc/home

Business Opportunities | Rosini Dhal | 95% Discount Offer... | Speak2Connect | LetsUpgrade | Learn... | know more - Bizqu... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | Attendance Mang... | Java Study | Progra...

Services

New VPC Experience  
Tell us what you think

VPC Dashboard  
Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Create subnet

Actions

Filter by tags and attributes or search by keyword

Name	Subnet ID	State	VPC	IPV4 CIDR	Available IPV4	IPV6 CIDR	Availability Zone	Availability Zone ID	Network Border Gro	Route ta
publicsubnet	subnet-072c0de107d9c0f0	available	vpc-027e04db07bb99c73	10.0.1.0/24	251	-	us-east-1a	use1-az2	us-east-1	rtb-0fbc0b
privatesubnet	subnet-094012cc5a3d5a129	available	vpc-027e04db07bb99c73	10.0.2.0/24	251	-	us-east-1b	use1-az4	us-east-1	rtb-0fbc0b
	subnet-1a73cd3b	available	vpc-eb7bb996	172.31.80.0/20	4091	-	us-east-1a	use1-az2	us-east-1	rtb-4f8b0
	subnet-2c80c161	available	vpc-eb7bb996	172.31.16.0/20	4091	-	us-east-1b	use1-az4	us-east-1	rtb-4f8b0
	subnet-4c9a2813	available	vpc-eb7bb996	172.31.32.0/20	4091	-	us-east-1c	use1-az6	us-east-1	rtb-4f8b0
	subnet-5035f0a1	available	vpc-eb7bb996	172.31.48.0/20	4091	-	us-east-1e	use1-az3	us-east-1	rtb-4f8b0
	subnet-9d741f93	available	vpc-eb7bb996	172.31.64.0/20	4091	-	us-east-1f	use1-az5	us-east-1	rtb-4f8b0
	subnet-a6fa4bc0	available	vpc-eb7bb996	172.31.0.0/20	4091	-	us-east-1d	use1-az1	us-east-1	rtb-4f8b0

Subnet: subnet-094012cc5a3d5a129

Description

Flow Logs

Route Table

Network ACL

Tags

Sharing

State

available

IPV4 CIDR

10.0.2.0/24

IPV6 CIDR

-

Network Border Group

us-east-1

Network ACL

act-09d059a2a2b5fc274

Auto-assign public IPV4 address

No

Customer-owned IPV4 pool

-

Outpost ID

-

Created subnet to the vpc1 with name private subnet with IP 10.0.2.0/24 in availably zone us-east-1b.

Internet gateways | VPC M... X +

console.aws.amazon.com/vpc/home

Business Opportuni... | Roshni Dhal | 95% Discount Offer... | Speak2Connect | LetsUpgrade | Lear... | Know more - Biggu... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | Java Study | Poga... | Attendance Mang... | IBM Z Global Stude... | Support

aws Services

New VPC Experience  
Tell us what you think

VPC Dashboard  
Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private

Internet gateway igw-04cab23d2d08260ed successfully attached to vpc-027e04db07bb98c73

Internet gateways (1/2) Info

Filter Internet gateways

Create Internet gateway

Actions

< 1 >

	Name	Internet gateway ID	State	VPC ID	Owner
<input checked="" type="checkbox"/>	igw1	igw-04cab23d2d08260ed	Attached	vpc-027e04db07bb98c73   vpc1	245024665952
<input type="checkbox"/>	-	igw-92a392e9	Attached	vpc-e07bb996	245024665952

igw-04cab23d2d08260ed / igw1

Details Tags

Details

Internet gateway ID	igw-04cab23d2d08260ed
State	Attached
VPC ID	vpc-027e04db07bb98c73   vpc1
Owner	245024665952

Created internet gateway with name igw1 and attached to vpc1.

Route Tables | VPC Manag...X+console.aws.amazon.com/vpc/home

Business Opportuni...

Roshni Dial

Speal2Connect

95% Discount Offer...

LeadUpgrade | Lear...

know more - Bizqu...

Digital Marketing...

Analytics

Temp Mail - Dispos...

Chamel dashboard...

IBM Z Global Stude...

Attendance Manag...

Java Study | Proga...

maroj K▼N. Virginia▼Support▼

New VPC Experience  
Tell us what you think

VPC Dashboard  
Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Create route table

Actions

Filter by tags and attributes or search by keyword

Name	Route Table ID	Explicit subnet associator	Edge associations	Main	VPC ID	Owner
privateroute1eable	rtb-013aafa98a22180a	subnet-094012cca3d5a129	-	No	vpc-027e04db07b698c73	245024665952
publicrouteable	rtb-04e1d38aecca241fc	subnet-072cbde1d7f9cbf0	-	No	vpc-027e04db07b698c73	245024665952
	rtb-0fbcbcedd45625eb6	-	-	Yes	vpc-027e04db07b698c73	245024665952
	rtb-f4f8b18a	-	-	Yes	vpc-e07b6996	245024665952

Route Table: rtb-04e1d38aecca241fc

Summary

Routes

Subnet Associations

Edge Associations

Route Propagation

Tags

Edit routes

ViewAll routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	active	No
0.0.0.0/0	lgw-04cab23d2d08260ed	active	No

Created route table with name public route table and associated with subnet named public subnet and connected to internet gateway.

Route Tables | VPC Manager | console.aws.amazon.com/vpc/home

Business Opportunities | Reshmi Dhal | 95% Discount Offer... | Speak2Connect | Let's Upgrade | Learn... | know more - Bizju... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | Java Study | Progra... | Attendance Manag... | Support

manoj K | N. Virginia

New VPC Experience  
Tell us what you think

VPC Dashboard | Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Create route table

Filter by tags and attributes or search by keyword

Name	Route Table ID	Explicit subnet association	Edge associations	Main	VPC ID	Owner
privateroutetable	rtb-013aafaa98a22180a	subnet-094012cc5a3d5a129	-	No	vpc-027e04db07b98c73   vpc-1	245024665952
publicroutetable	rtb-04e1d38aecca241fc	subnet-07f2cbe1d709cbb0	-	No	vpc-027e04db07b98c73   vpc-1	245024665952
	rtb-0fbcbce0d45625eb6	-	-	Yes	vpc-027e04db07b98c73   vpc-1	245024665952
	rtb-f4f8b18a	-	-	Yes	vpc-e07b9b996	245024665952

Route Table: rtb-013aafaa98a22180a

Summary

Routes

Subnet Associations

Edge Associations

Route Propagation

Tags

Edit routes

View

All routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	active	No

Created route table with private route table and associated with subnet named private subnet.

New VPC Experience

Tell us what you think

VPC Dashboard

Filter by VPC:

Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Create route table

Actions

Filter by tags and attributes or search by keyword

	Name	Route Table ID	Explicit subnet association	Edge associations	Main	VPC ID	Owner
<input checked="" type="checkbox"/>	privateroutetable	rtb-013aafaa98a22180a	subnet-094012cc5a3d5a129	-	No	vpc-027e04db07bb98c73	245024665952
<input type="checkbox"/>	publicroutetable	rtb-04e1d38a6cca241fc	subnet-07f2cbde1d7d9cbf0	-	No	vpc-027e04db07bb98c73	245024665952
<input type="checkbox"/>	Your VPCs	rtb-0fbcbedd45625eb6	-	-	Yes	vpc-027e04db07bb98c73	245024665952
<input type="checkbox"/>	Subnets	rtb-f4f8b18a	-	-	Yes	vpc-eb7bb996	245024665952

Route Table: rtb-013aafaa98a22180a

Summary

Routes

Subnet Associations

Edge Associations

Route Propagation

Tags

Edit subnet associations

Subnet ID	IPv4 CIDR	IPv6 CIDR
subnet-094012cc5a3d5a1...	10.0.2.0/24	-

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

Subnet ID	IPv4 CIDR	IPv6 CIDR
All your subnets are associated with a route table.		

Feedback English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

New VPC Experience

Tell us what you think

VPC Dashboard

Filter by VPC:

Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet Gateways

Carrier Gateways

DHCP Options Sets

Elastic IPs

Managed Prefix Lists

Endpoints

Endpoint Services

NAT Gateways

Peering Connections

SECURITY

Network ACLs

Security Groups

VIRTUAL PRIVATE NETWORK (VPN)

Customer Gateways

Virtual Private Gateways

Route Table: rtb-04e1d38aecca241fc

Summary

Routes

Subnet Associations

Edge Associations

Route Propagation

Tags

Subnet ID	IPv4 CIDR	IPv6 CIDR
subnet-0772cbde1d7d9cbf...	10.0.1.0/24	-

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

Subnet ID	IPv4 CIDR	IPv6 CIDR
None found		

All your subnets are associated with a route table.