

# Virtual Private Cloud (Amazon VPC)

By default, AWS on Default services in new portal check all list

Click your VPC check automatic Default one VPC create AWS

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP opt.
D-VPC	vpc-0c930c8f6492bbf6c	Available	172.31.0.0/16	-	dopt-03

Default AZ-Subnet create to AWS

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
D-SUB-AZ3-D-VCP	subnet-0a5b4401101513928	Available	vpc-041ce12f0191275c8   D-V...	172.31.0.0/20	-
D-SUB-AZ2-D-VCP	subnet-0ab509367b8610d35	Available	vpc-041ce12f0191275c8   D-V...	172.31.16.0/20	-
<b>D-SUB-AZ1-D-VCP</b>	subnet-0a7f754e1b8ae022	Available	vpc-041ce12f0191275c8   D-V...	172.31.32.0/20	-

Automatic create Default Route Table create AWS

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
<b>D-ROUTE-D-VCP</b>	rtb-00dd455a98ad21a4a	-	-	Yes	vpc-041ce12f0191275c8   D-V...	6592

Two networks configure automatic Default create AWS

Destination	Target	Status	Propagated
172.31.0.0/16	local	Active	No
0.0.0.0/0	igw-08e15a6955d80232f	Active	No

# Virtual Private Cloud (Amazon VPC)

## Default IGW create AWS

Name	Internet gateway ID	State	VPC ID	Owner
D-IGW-D-VCP	igw-08e15a6955d80232f	Attached	vpc-041ce12f0191275c8   D-VPC	659202326636

## Default NACLs create AWS

Name	Network ACL ID	Associated with	Default	VPC ID
D-NACL-D-VCP	acl-0406d5cab665115ec	3 Subnets	Yes	vpc-041ce12f0191275c8   D-VPC

## Default NACLs Inbound rules create AWS

Rule number	Type	Protocol	Port range	Source	Allow/Deny
100	All traffic	All	All	0.0.0.0/0	Allow
*	All traffic	All	All	0.0.0.0/0	Deny

## Default NACLs Outbound rules create AWS

Rule number	Type	Protocol	Port range	Destination	Allow/Deny
100	All traffic	All	All	0.0.0.0/0	Allow
*	All traffic	All	All	0.0.0.0/0	Deny

## Default NACLs Subnet Associations rules create AWS

Name	Subnet ID	Associated with	Availability Zone	IPv4 CIDR	IPv6 CIDR
D-SUB-AZ2-D-VCP	subnet-0ab509367b8610d35	acl-0406d5cab665115ec   D-NACL-D-VCP	ap-south-1c	172.31.16.0/20	-
D-SUB-AZ3-D-VCP	subnet-0a5b4401101513928	acl-0406d5cab665115ec   D-NACL-D-VCP	ap-south-1b	172.31.0.0/20	-
D-SUB-AZ1-D-VCP	subnet-0a7f754e1b8aeb022	acl-0406d5cab665115ec   D-NACL-D-VCP	ap-south-1a	172.31.32.0/20	-

## Default Security Group create AWS

Name	Security group ID	Security group name	VPC ID	Description	Owner
D-SG-D-VCP	sg-0fa9b771d5c6bf80f	default	vpc-041ce12f0191275c8	default VPC security gr...	659202326636

# Virtual Private Cloud (Amazon VPC)

## Default Security Group Inbound rules create AWS

The screenshot shows the 'Inbound rules (1/1)' table. It has columns for Name, Security group rule..., IP version, Type, Protocol, and Port range. One row is listed: D-SG-D-VCP, sgr-05171a32f84cbc880, All traffic, All, All. Buttons at the top right include 'Manage tags' and 'Edit inbound rules'.

## Default Security Group Outbound rules create AWS

The screenshot shows the 'Outbound rules (1/1)' table. It has columns for Name, Security group rule..., IP version, Type, Protocol, and Port range. One row is listed: D-SG-D-VCP, sgr-07cd13c700f7508f, IPv4, All traffic, All, All. Buttons at the top right include 'Manage tags' and 'Edit outbound rules'.

## How to delete Default VPC and after delete VPC which service auto delete

### Select Default VPC → select Actions → click Delete VPC

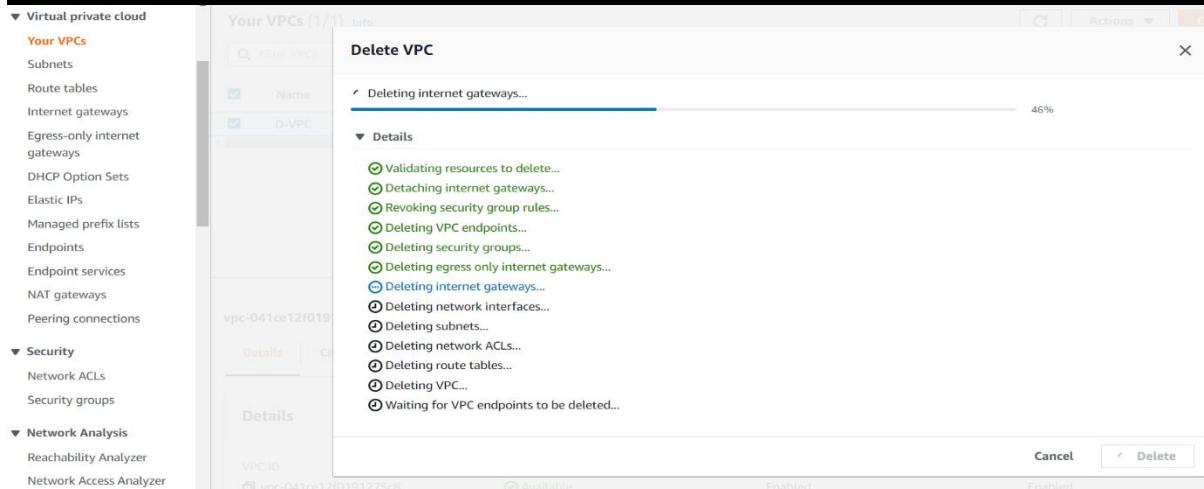
The screenshot shows the 'Your VPCs (1/1)' table with one item: D-VPC. The 'Actions' menu is open, showing options like 'Create default VPC', 'Create flow log', 'Edit CIDs', etc., with 'Delete VPC' highlighted and enclosed in a red box.

### Check mark acknowledge and type delete default vpc → delete

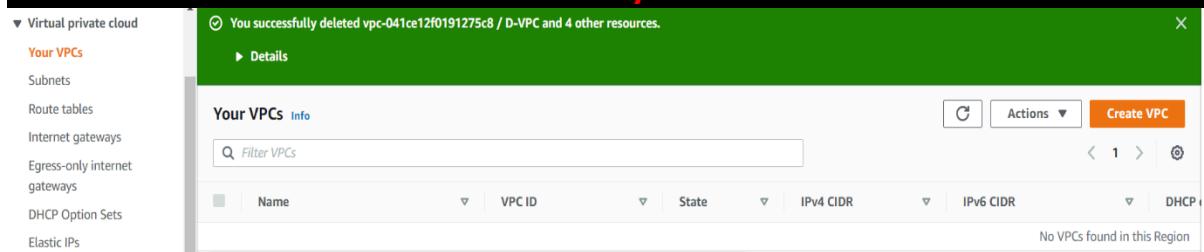
The screenshot shows the 'Delete VPC' dialog. It lists resources that will be deleted: D-IGW-D-VCP, D-SUB-AZ1-D-VCP, D-SUB-AZ2-D-VCP, and D-SUB-AZ3-D-VCP. A warning message states: '⚠ Warning: If you delete this default VPC, you can't launch instances in this Region unless you specify a subnet in another VPC or create a new default VPC.' A checkbox labeled 'I acknowledge that I want to delete my default VPC.' is checked and circled in red. Below it, a text input field contains 'delete default vpc'. A large red box highlights the 'Delete' button at the bottom right.

# Virtual Private Cloud (Amazon VPC)

## All service default deletes after delete default VPC

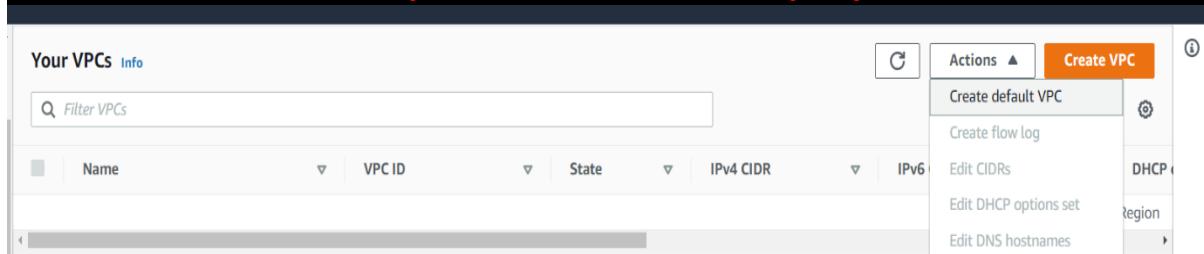


## Successfully delete



## How to create default VPC

### Click Actions option → create default vpc option select



### Click to create default vpc option

#### Create default VPC Info

##### Default VPC

A default VPC enables you to launch Amazon EC2 resources without having to create and configure your own VPC and subnets. We'll create a default VPC with a default subnet in each Availability Zone, an internet gateway, and a route table with a route to the internet gateway.

Cancel

Create default VPC

## Virtual Private Cloud (Amazon VPC)

### Create successfully default VPC

Your VPCs (1/1) <a href="#">Info</a>							<a href="#">Actions</a> <a href="#">Create VPC</a>	<a href="#">?</a>
<input type="text"/> Filter VPCs								
<input checked="" type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP		
<input checked="" type="checkbox"/>	D-VPC	vpc-00d5087c078051c0e	<span>Available</span>	172.31.0.0/16	-	dopt-0		

If create custom VPC how many services create automatic

### Select Create custom VPC

Your VPCs (1/1) <a href="#">Info</a>							<a href="#">Actions</a> <a href="#">Create VPC</a>	<a href="#">?</a>
<input type="text"/> Filter VPCs								
<input checked="" type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP		
<input checked="" type="checkbox"/>	D-VPC	vpc-00d5087c078051c0e	<span>Available</span>	172.31.0.0/16	-	dopt-0		

### Insert name

**Create VPC** [Info](#)  
A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

**VPC settings**

Resources to create [Info](#)  
Create only the VPC resource or the VPC and other networking resources.  
 VPC only    VPC and more

Name tag - optional  
Creates a tag with a key of 'Name' and a value that you specify.  
C-VPC

### Insert ip

IPv4 CIDR block [Info](#)  
 IPv4 CIDR manual input    IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
172.32.0.0/16

IPv6 CIDR block [Info](#)  
 No IPv6 CIDR block    IPAM-allocated IPv6 CIDR block    Amazon-provided IPv6 CIDR block

**Tenancy:** Choose the tenancy option for this VPC.

- Select **Default** to ensure that EC2 instances launched in this VPC use the EC2 instance tenancy attribute specified when the EC2 instance is launched.
- Select **Dedicated** to ensure that EC2 instances launched in this VPC are run on dedicated tenancy instances regardless of the tenancy attribute specified at launch.

## Virtual Private Cloud (Amazon VPC)

### Select Tenancy

Tenancy Info

Default

Default

Dedicated

### Add tags and create vpc option

#### 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

admin1

Value - optional

C-VPC

X

Remove

Add new tag

You can add 49 more tags.

Cancel

Create VPC

### Successfully create VPC

⌚ You successfully created **vpc-08ff429ed9ac26f68**

Your VPCs (1/2) [Info](#)

C

Actions

Create VPC

Filter VPCs

Name

VPC ID

State

IPv4 CIDR

IPv6 CIDR

DHCP

C-VPC

vpc-08ff429ed9ac26f68

Available

172.32.0.0/16

-

dopt-O

D-VPC

vpc-00d5087c078051c0e

Available

172.31.0.0/16

-

dopt-O

### Check which service on by default

### Not Automatic create any subnet in custom VPC

Subnets (3) [Info](#)

C

Actions

Create subnet

Filter subnets

Name

Subnet ID

State

VPC

IPv4 CIDR

IPv6 CIDR

D-SUB-AZ1-D-VPC

subnet-090d7477f701173cd

Available

vpc-00d5087c078051c0e | D...

172.31.32.0/20

-

D-SUB-AZ3-D-VPC

subnet-0c47e3b8ea67f667c

Available

vpc-00d5087c078051c0e | D...

172.31.0.0/20

-

D-SUB-AZ2-D-VPC

subnet-0e53bc8293161e597

Available

vpc-00d5087c078051c0e | D...

172.31.16.0/20

-

### Automatic Create Route table in custom VPC

Route tables (1/2) [Info](#)

C

Actions

Create route table

Filter route tables

Name

Route table ID

Explicit subnet associat...

Edge associations

Main

VPC

Ow...

D-ROUTE-D-VPC

rtb-0e3dc588c8b800e79

-

-

Yes

vpc-00d5087c078051c0e | D...

6592

D-ROUTE-C-VPC

rtb-0bca47651d2231c74

-

-

Yes

vpc-08ff429ed9ac26f68 | C-VPC

6592

## Virtual Private Cloud (Amazon VPC)

### Only one networks configure automatic in custom VPC

Routes (1)					<a href="#">Edit routes</a>
Destination		Target	Status	Propagated	
172.32.0.0/16		local	<span style="color: green;">Active</span>	No	

### Not Automatic Create IGW in custom VPC

Internet gateways (1/1) <a href="#">Info</a>					<a href="#">C</a>	<a href="#">Actions</a>	<a href="#">Create internet gateway</a>	<a href="#">?</a>
					<a href="#">Filter internet gateways</a>	< 1 >	<a href="#">?</a>	
<input checked="" type="checkbox"/>	Name	Internet gateway ID	State	VPC ID		Owner		
<input checked="" type="checkbox"/>	D-GTW-D-VPC	igw-08ea8de664ea441d9	<span style="color: green;">Attached</span>	vpc-00d5087c078051c0e   D-VPC		659202326636		

### Automatic Create NACLs in custom VPC

Network ACLs (1/2) <a href="#">Info</a>						<a href="#">C</a>	<a href="#">Actions</a>	<a href="#">Create network ACL</a>	<a href="#">?</a>
						<a href="#">Filter network ACLs</a>	< 1 >	<a href="#">?</a>	
<input checked="" type="checkbox"/>	Name	Network ACL ID	Associated with	Default	VPC ID				
<input checked="" type="checkbox"/>	D-NACL-C-VPC	acl-0454a57ea5fab276c	–	Yes	vpc-08ff429ed9ac26f68 / C-VPC	2			
<input type="checkbox"/>	D-NACL-D-VPC	acl-0d4426d236fb742df	3 Subnets	Yes	vpc-00d5087c078051c0e / D-VPC	2			

### Automatic Create NACLs Inbound rule in custom VPC

Inbound rules (2)							<a href="#">Edit inbound rules</a>
							<a href="#">Filter inbound rules</a>
Rule number	Type	Protocol	Port range	Source	Allow/Deny		
100	All traffic	All	All	0.0.0.0/0	<span style="color: green;">Allow</span>		
*	All traffic	All	All	0.0.0.0/0	<span style="color: red;">Deny</span>		

### Automatic Create NACLs Outbound rule in custom VPC

Outbound rules (2)							<a href="#">Edit outbound rules</a>
							<a href="#">Filter outbound rules</a>
Rule number	Type	Protocol	Port range	Destination	Allow/Deny		
100	All traffic	All	All	0.0.0.0/0	<span style="color: green;">Allow</span>		
*	All traffic	All	All	0.0.0.0/0	<span style="color: red;">Deny</span>		

### Automatic Create SG in custom VPC

Security Groups (1/2) <a href="#">Info</a>						<a href="#">C</a>	<a href="#">Actions</a>	<a href="#">Export security groups to CSV</a>	<a href="#">Create security group</a>	<a href="#">?</a>
						<a href="#">Filter security groups</a>	< 1 >	<a href="#">?</a>		
<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description					
<input type="checkbox"/>	D-SG-D-VPC	sg-007a83561e3024323	default	vpc-00d5087c078051c0e	default VPC security gr...	659202326636				
<input checked="" type="checkbox"/>	D-SG-C-VPC	sg-01c1b34793707c502	default	vpc-08ff429ed9ac26f68	default VPC security gr...	659202326636				

## Virtual Private Cloud (Amazon VPC)

### Automatic Create SG Inbound rule in custom VPC

Inbound rules (1/1)						
<input checked="" type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input checked="" type="checkbox"/>	D-SG-C-VPC	sgr-0179e31a09c612ee7	-	All traffic	All	All

### Automatic Create SG Outbound rule in custom VPC

Outbound rules (1/1)						
<input checked="" type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input checked="" type="checkbox"/>	D-SG-C-VPC	sgr-02ca5ca91fc2125ad	IPv4	All traffic	All	All

### Check CIDR rules its True or not

Only create CIDR /16 to CIDR /28 IP assign in VPC check its true or not

### If create 172.35.0.0/15 its possible created or not?

VPC only       VPC and more

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

IPv4 CIDR block [Info](#)  
 IPv4 CIDR manual input  
 IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
172.35.0.0/15

IPv6 CIDR block [Info](#)  
 No IPv6 CIDR block  
 IPAM-allocated IPv6 CIDR block  
 Amazon-provided IPv6 CIDR block  
 IPv6 CIDR owned by me

### Output check not possibly create

testing

IPv4 CIDR block [Info](#)  
 IPv4 CIDR manual input  
 IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
172.35.0.0/15

⚠ Must be a valid IPv4 CIDR.

IPv6 CIDR block [Info](#)  
 No IPv6 CIDR block

### If create 172.35.0.0/29 its possible created or not?

IPv4 CIDR block [Info](#)  
 IPv4 CIDR manual input  
 IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
172.35.0.0/29

⚠ Block sizes must be between a /16 netmask and /28 netmask.

IPv6 CIDR block [Info](#)

## Virtual Private Cloud (Amazon VPC)

Try to give overlap CIDR inside VPC and see what you will get

First, I check already created VPC

Your VPCs (2) <a href="#">Info</a>						
	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP
<input type="checkbox"/>	C-VPC	vpc-08ff429ed9ac26f8	<span>Available</span>	172.32.0.0/16	-	dopt-0
<input type="checkbox"/>	D-VPC	vpc-00d5087c078051c0e	<span>Available</span>	172.31.0.0/16	-	dopt-0

Okay, then after create 172.32.0.0/24 than check result

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

testing

IPv4 CIDR block [Info](#)

- IPv4 CIDR manual input
- IPAM-allocated IPv4 CIDR block

IPv4 CIDR

172.32.0.0/24

Check result not create overlap CIDR

IPv4 CIDR block [Info](#)

- IPv4 CIDR manual input
- IPAM-allocated IPv4 CIDR block

IPv4 CIDR

172.32.0.0/24

⚠ Must be a valid IPv4 CIDR.

Also check default CIDR

IPv4 CIDR block [Info](#)

- IPv4 CIDR manual input
- IPAM-allocated IPv4 CIDR block

IPv4 CIDR

172.31.0.0/24

⚠ Must be a valid IPv4 CIDR.

## Virtual Private Cloud (Amazon VPC)

Can I create same AZ to multiple subnet?

Check all subnet and check AZ

Subnets (3) <a href="#">Info</a>							<a href="#">Actions</a> ▾	<a href="#">Create subnet</a>
<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR		
<input type="checkbox"/>	D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	<span>Available</span>	vpc-00d5087c078051c0e   D...	172.31.32.0/20	-		
<input type="checkbox"/>	D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	<span>Available</span>	vpc-00d5087c078051c0e   D...	172.31.0.0/20	-		
<input type="checkbox"/>	D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	<span>Available</span>	vpc-00d5087c078051c0e   D...	172.31.16.0/20	-		

Create AZ1 its already created subnet but try to same AZ to assign multi subnet to Default VPC check its possible or not?

Select default VPC

Create subnet [Info](#)

### VPC

#### VPC ID

Create subnets in this VPC.

vpc-00d5087c078051c0e (D-VPC)

#### Associated VPC CIDRs

##### IPv4 CIDRs

172.31.0.0/16

Configure AZ1 to subnet

### 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.

C-SUB-AZ1-D-VPC

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.

Asia Pacific (Mumbai) / ap-south-1a

#### IPv4 CIDR block [Info](#)

172.31.48.0/20

# Virtual Private Cloud (Amazon VPC)

## Add Tag and create subnet

Tags - optional

Key	Value - optional
muti AZ1 subnet	C-SUB-AZ1-D-VPC

Add new tag Remove You can add 49 more tags.

Remove Add new subnet

Cancel Create subnet

## OUTPUT successfully create one AZ to multiple subnets created

You have successfully created 1 subnet: subnet-0b532e1c29279307b

Subnets (1/4) <a href="#">Info</a>							<a href="#">Actions</a>	<a href="#">Create subnet</a>
<a href="#">Filter subnets</a>								
Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR			
<input checked="" type="checkbox"/> C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	<input checked="" type="radio"/> Available	vpc-00d5087c078051c0e   D...	172.31.48.0/20	-			
<input type="checkbox"/> D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	<input checked="" type="radio"/> Available	vpc-00d5087c078051c0e   D...	172.31.32.0/20	-			
<input type="checkbox"/> D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	<input checked="" type="radio"/> Available	vpc-00d5087c078051c0e   D...	172.31.0.0/20	-			
<input type="checkbox"/> D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	<input checked="" type="radio"/> Available	vpc-00d5087c078051c0e   D...	172.31.16.0/20	-			

Create AZ1 its already created subnet but try to same AZ to assign multi subnet to CUSTOM VPC check its possible or not?

## Select Custom VPC

Create subnet [Info](#)

**VPC**

VPC ID  
Create subnets in this VPC.  
vpc-08ff429ed9ac26f68 (C-VPC)

Associated VPC CIDRs  
IPv4 CIDRs  
172.32.0.0/16

## Configure AZ2 to subnet

### Subnet 1 of 1

#### Subnet name

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

C-SUB-AZ2-C-VPC

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.

Asia Pacific (Mumbai) / ap-south-1c

#### IPv4 CIDR block [Info](#)

172.32.16.0/20

# Virtual Private Cloud (Amazon VPC)

## Check output

You have successfully created 1 subnet: subnet-0a6d226d34753f8a9

Subnets (5) <a href="#">Info</a>								
	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR	Actions	Create subnet
<input type="checkbox"/>	C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	<span>Available</span>	vpc-00d5087c078051c0e   D-VPC	172.31.48.0/20	-	<a href="#">Edit</a>	<a href="#">Create subnet</a>
<input type="checkbox"/>	C-SUB-AZ2-C-VPC	subnet-0a6d226d34753f8a9	<span>Available</span>	vpc-08ff429ed9ac26f68   C-VPC	172.32.16.0/20	-	<a href="#">Edit</a>	<a href="#">Create subnet</a>
<input type="checkbox"/>	D-SUB-AZ1-D-VPC	subnet-090d7477ff701173cd	<span>Available</span>	vpc-00d5087c078051c0e   D-VPC	172.31.32.0/20	-	<a href="#">Edit</a>	<a href="#">Create subnet</a>
<input type="checkbox"/>	D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	<span>Available</span>	vpc-00d5087c078051c0e   D-VPC	172.31.0.0/20	-	<a href="#">Edit</a>	<a href="#">Create subnet</a>
<input type="checkbox"/>	D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	<span>Available</span>	vpc-00d5087c078051c0e   D-VPC	172.31.16.0/20	-	<a href="#">Edit</a>	<a href="#">Create subnet</a>

If remove IGW than after which service change automatic

First check which services used IGW used

Check route table default VPC service

Routes (2)				
<a href="#">Edit routes</a>				
Destination	Target	Status	Propagated	
172.31.0.0/16	local	<span>Active</span>	No	
0.0.0.0/0	igw-08ea8de664ea441d9	<span>Active</span>	No	

Detached IGW

Internet gateways (1/1) <a href="#">Info</a>					
<a href="#">Actions</a> <a href="#">Create internet gateway</a>					
<a href="#">View details</a> <a href="#">Attach to VPC</a> <a href="#">Detach from VPC</a> <a href="#">Manage tags</a> <a href="#">Delete internet gateway</a>					
<input checked="" type="checkbox"/>	Name	Internet gateway ID	Status	VPC ID	
<input checked="" type="checkbox"/>	D-GTW-D-VPC	igw-08ea8de664ea441d9	<span>Attached</span>	vpc-00d5087c078051c0e   D-VPC	<a href="#">Detach from VPC</a> <a href="#">Manage tags</a> <a href="#">Delete internet gateway</a>

Detach internet gateway

Detach from VPC

Are you sure that you want to detach internet gateway igw-08ea8de664ea441d9 (D-GTW-D-VPC) from VPC vpc-00d5087c078051c0e?

If you detach the internet gateway, resources in the VPC cannot communicate with the internet.

Cancel

Detach internet gateway

## Virtual Private Cloud (Amazon VPC)

### Successfully detached IGW

Internet gateways (1/1) <a href="#">Info</a>					
<a href="#">Actions</a> <a href="#">Create internet gateway</a>					
<input type="text"/> Filter internet gateways					
Name	Internet gateway ID	State	VPC ID	Owner	
D-GTW-D-VPC	igw-08ea8de664ea441d9	Detached	-	659202326636	

### Check Route table let's see what happened any changes or not

Routes (2) <a href="#">Edit routes</a>					
<input type="text"/> Filter routes					
Destination	Target	Status	Propagated		
172.31.0.0/16	local	Active	No		
0.0.0.0/0	igw-08ea8de664ea441d9	Blackhole	No		

### Okay then assign IGW to custom VPC

Internet gateways (1/1) <a href="#">Info</a>					
<a href="#">Actions</a> <a href="#">Create internet gateway</a>					
Name	Internet gateway ID	State	VPC ID	Owner	
D-GTW-D-VPC	igw-08ea8de664ea441d9	Detached	-	659202326636	
<a href="#">View details</a> <a href="#">Attach to VPC</a> <a href="#">Detach from VPC</a> <a href="#">Manage tags</a> <a href="#">Delete internet gateway</a>					

### Select custom VPC

#### Attach to VPC (igw-08ea8de664ea441d9) [Info](#)

##### VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

##### Available VPCs

Attach the internet gateway to this VPC.

Select a VPC

vpc-08ff429ed9ac26f68 - C-VPC

vpc-00d5087c078051c0e - D-VPC

Cancel

**Attach internet gateway**

### Click to attached IGW

##### Available VPCs

Attach the internet gateway to this VPC.

vpc-08ff429ed9ac26f68

▶ AWS Command Line Interface command

Cancel

**Attach internet gateway**

# Virtual Private Cloud (Amazon VPC)

## SUCCESSFULLY ATTACHED AND CHANGE VPC

Internet gateways (1/1) <a href="#">Info</a>					
<a href="#">Actions</a> <a href="#">Create internet gateway</a>					
<input type="checkbox"/> <a href="#">Filter internet gateways</a>					
Name	Internet gateway ID	State	VPC ID	Owner	
D-GTW-D-VPC	igw-08ea8de664ea441d9	Attached	vpc-08ff429ed9ac26f68   C-VPC	659202326636	

## Check Route table custom VPC not auto add IGW

Routes (1)					
<a href="#">Edit routes</a>					
<input type="checkbox"/> <a href="#">Filter routes</a>					
Destination	Target	Status	Propagated		
172.32.0.0/16	local	Active	No		

## Click Edit Routes

Routes (1)					
<a href="#">Edit routes</a>					
<input type="checkbox"/> <a href="#">Filter routes</a>					
Destination	Target	Status	Propagated		
172.32.0.0/16	local	Active	No		

## Click add route

Edit routes					
Destination	Target	Status	Propagated		
172.32.0.0/16	local	Active	No		
<input type="text"/>	<input type="text"/>				
<a href="#">Add route</a>					

## Insert IGW and save changes

Edit routes					
Destination	Target	Status	Propagated		
172.32.0.0/16	local	Active	No		
<input type="text"/> 0.0.0.0/0	<input type="text"/> igw-08ea8de664ea441d9	-	No	<a href="#">Remove</a>	
<a href="#">Add route</a>					
				<a href="#">Cancel</a>	<a href="#">Preview</a> <a href="#">Save changes</a>

## Let's see successfully add custom VPC in IGW

Routes (2)					
<a href="#">Edit routes</a>					
<input type="checkbox"/> <a href="#">Filter routes</a>					
Destination	Target	Status	Propagated		
172.32.0.0/16	local	Active	No		
0.0.0.0/0	igw-08ea8de664ea441d9	Active	No		

## Virtual Private Cloud (Amazon VPC)

### Create route table

Click Create route table

Route tables (2) <small>Info</small>							
	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
<input type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	Yes	vpc-00d5087c078051c0e   D...	6592
<input type="checkbox"/>	D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	vpc-08ff429ed9ac26f68   C-VPC	6592

### Create custom route default VPC

#### 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.

C-ROUTE-D-VPC

###### VPC

The VPC to use for this route table.

vpc-00d5087c078051c0e (D-VPC)

### Add Tag and create

#### 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

CUSTOM ROUTE

##### Value - optional

C-ROUTE-D-VPC

Remove

Add new tag

You can add 49 more tags.

Cancel

Create route table

### Create successfully

Route table rtb-07f8b88c3f21ece87 was created successfully.

#### Route tables (3) Info

Route tables (3) <small>Info</small>							
	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
<input type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	Yes	vpc-00d5087c078051c0e   D...	6592
<input checked="" type="checkbox"/>	C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	-	No	vpc-00d5087c078051c0e   D...	6592
<input type="checkbox"/>	D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	vpc-08ff429ed9ac26f68   C-VPC	6592

# Virtual Private Cloud (Amazon VPC)

## Can delete default main?

Yes, but first you can change main configuration than after delete default route table.

## Let's check without change main in default route table delete or not?

### Click to delete route table

A screenshot of the AWS Route Tables list. A route table named 'D-ROUTE-D-VPC' is selected and highlighted with a red box. In the 'Actions' column, the 'Delete route table' option is also highlighted with a red box.

Name	Route table ID	Explicit subnet associations	Edge associations	Main
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	Yes
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	-	No
D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes

### Can't access delete option without change main

A screenshot of the 'Delete route tables' confirmation dialog. It shows a warning message: '⚠ Route tables are main and cannot be deleted'. Below it, a table lists a single route table: 'D-ROUTE-D-VPC' with 'rtb-0e3dc588c8b800e79' and 'vpc-00d5087c078051c0e'. At the bottom right, there are 'Cancel' and 'Delete' buttons, with 'Delete' highlighted with a red box.

### Right click to another default vpc route table and click set main

A screenshot of the AWS Route Tables list. A route table named 'C-ROUTE-D-VPC' is selected and highlighted with a red box. In the 'Actions' column, the 'Set main route table' option is highlighted with a red box.

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	Yes	vpc-00d5087c078051c0
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9ac26f68
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	-	No	<b>vpc-00d5087c078051c0</b>
D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	f68

### Insert set and click ok

A screenshot of the 'Set main route table' confirmation dialog. It contains a message about setting the route table as main and a list of existing main route tables. Below is a text input field with 'set' typed in and an 'OK' button highlighted with a red box.

# Virtual Private Cloud (Amazon VPC)

## Successfully change main and automatic change default vpc status

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC	Owning account
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	No	vpc-00d5087c078051c0e   D...	65921
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9ac26f68   C-VPC	65921
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	-	<b>Yes</b>	vpc-00d5087c078051c0e   D...	65921
D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	vpc-08ff429ed9ac26f68   C-VPC	65921

## Then after try to delete route table

Name	Route table ID	Explicit subnet associations	Edge associations	Main	Actions	Owning account
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	No	View details	65921
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	Set main route table	65921
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	-	<b>Yes</b>	Edit subnet associations	65921
D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	Edit edge associations	65921

## Let's see enable to access delete option

The following route tables will be deleted permanently and can't be recovered later.

Name	Route table ID	VPC ID
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	vpc-00d5087c078051c0e

To confirm deletion, type *delete* in the field:

**Delete**

# Virtual Private Cloud (Amazon VPC)

## Create new IGW and attached new VPC

### Select Create IGW

Internet gateways (1) <a href="#">Info</a>						
<input type="button" value="Actions"/> <a href="#">Create internet gateway</a> <a href="#">?</a>						
<input type="button" value="Filter internet gateways"/>						
Name	Internet gateway ID	State	VPC ID	Owner		
D-GTW-D-VPC	igw-08ea8de664ea441d9	Attached	vpc-08ff429ed9ac26f68   C-VPC	659202326636		

### Insert name

#### 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.

C-IGW-D-VPC

### Add tag and click create

#### 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.

### Create IGW successfully but status was detached

The following internet gateway was created: igw-06ee29cd7526ee1b9 - C-IGW-D-VPC. You can now attach to a VPC to enable the VPC to communicate with the internet.

#### Internet gateways (2) [Info](#)

Internet gateways (2) <a href="#">Info</a>						
<input type="button" value="Actions"/> <a href="#">Create internet gateway</a> <a href="#">?</a>						
<input type="button" value="Filter internet gateways"/>						
Name	Internet gateway ID	State	VPC ID	Owner		
C-IGW-D-VPC	igw-06ee29cd7526ee1b9	Detached	-	659202326636		
D-GTW-D-VPC	igw-08ea8de664ea441d9	Attached	vpc-08ff429ed9ac26f68   C-VPC	659202326636		

### Select to attach to vpc option

#### Internet gateways (1/2) [Info](#)

Internet gateways (1/2) <a href="#">Info</a>						
<input type="button" value="Actions"/> <a href="#">Create internet gateway</a> <a href="#">?</a>						
<input type="button" value="Filter internet gateways"/>						
Name	Internet gateway ID	State	VPC ID	Owner		
C-IGW-D-VPC	igw-06ee29cd7526ee1b9	Detached	-	659202326636		

# Virtual Private Cloud (Amazon VPC)

Select vpc and attach IGW click

Attach to VPC (igw-06ee29cd7526ee1b9) [Info](#)

## VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

### Available VPCs

Attach the internet gateway to this VPC.

 vpc-00d5087c078051c0e X

▶ AWS Command Line Interface command

Cancel

Attach internet gateway

Attached successfully

Internet gateway igw-06ee29cd7526ee1b9 successfully attached to vpc-00d5087c078051c0e

X

Internet gateways (2) [Info](#)

C

Actions ▾

Create internet gateway

Filter internet gateways

< 1 > ⌂

Name	Internet gateway ID	State	VPC ID	Owner
C-IGW-D-VPC	igw-06ee29cd7526ee1b9	Attached	vpc-00d5087c078051c0e   D-VPC	659202326636
D-GTW-D-VPC	igw-08ea8de664ea441d9	Attached	vpc-08ff429ed9ac26f68   C-VPC	659202326636

Then check Default vpc route

New VPC Experience  
Tell us what you think X

VPC dashboard

EC2 Global View New

Filter by VPC:

Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP Option Sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Route tables (1/4) [Info](#)

C

Actions ▾

Create route table

Filter route tables

< 1 > ⌂

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC	Owner
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	-	-	No	vpc-00d5087c078051c0e   D-VPC	659202326636
C-ROUTE-C-VPC	rtb-00fb20103011107d	-	-	No	vpc-0aff429ed9ac26f68   C-VPC	659202326636

rtb-0e3dc588c8b800e79 / D-ROUTE-D-VPC

Details Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Edit routes

Filter routes

Both

< 1 > ⌂

Destination	Target	Status	Propagated
172.31.0.0/16	local	Active	No
0.0.0.0/0	igw-06ee29cd7526ee1b9	Active	No

## Virtual Private Cloud (Amazon VPC)

If I create a new NACLs, then what permission will be given to the new NACLs by default?

Create new NACLs in Default VPC

Name	Network ACL ID	Associated with	Default	VPC ID
D-NACL-C-VPC	acl-0454a57ea5fab276c	subnet-0a6d226d34753f8a9 / C-SUB-AZ2-C-V...	Yes	vpc-08ff429ed9ac26f68 / C-VPC
D-NACL-D-VPC	acl-0d4426d236fb742df	4 Subnets	Yes	vpc-00d5087c078051c0e / D-VPC

Insert Name and select default VPC

### Create network ACL Info

A network ACL is an optional layer of security that acts as a firewall for controlling traffic in and out of a subnet.

#### Network ACL settings

##### Name - *optional*

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

C-NACLs-D-VPC

##### VPC

VPC to use for this network ACL.

vpc-00d5087c078051c0e (D-VPC)

Create Tag and click to create

#### 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

Name

##### Value - *optional*

C-NACLs-D-VPC

Remove

Add new tag

You can add 49 more tags.

Cancel

Create network ACL

Successfully create

⌚ You successfully created acl-051dc69e0317d6695 / C-NACLs-D-VPC.

### Network ACLs (3) Info

Filter network ACLs

Name	Network ACL ID	Associated with	Default	VPC ID
D-NACL-C-VPC	acl-0454a57ea5fab276c	subnet-0a6d226d34753f8a9 / C-SUB-AZ2-C-V...	Yes	vpc-08ff429ed9ac26f68 / C-VPC
D-NACL-D-VPC	acl-0d4426d236fb742df	4 Subnets	Yes	vpc-00d5087c078051c0e / D-VPC
C-NACLs-D-VPC	acl-051dc69e0317d66...	-	No	vpc-00d5087c078051c0e / D-VPC

# Virtual Private Cloud (Amazon VPC)

## Check inbound rules what permission given by default

Inbound rules (1)							<a href="#">Edit inbound rules</a>
<input type="text" value="Filter inbound rules"/> <span style="float: right;">&lt; 1 &gt;  </span>							
Rule number	Type	Protocol	Port range	Source	Allow/Deny		
*	All traffic	All	All	0.0.0.0/0	Deny		

## Check outbound rules what permission given by default

Outbound rules (1)							<a href="#">Edit outbound rules</a>
<input type="text" value="Filter outbound rules"/> <span style="float: right;">&lt; 1 &gt;  </span>							
Rule number	Type	Protocol	Port range	Destination	Allow/Deny		
*	All traffic	All	All	0.0.0.0/0	Deny		

## Create new NACLs in Custom VPC

You successfully created acl-06bc61dc96648b8af / C-NACL-C-VPC.

Network ACLs (1/4) <a href="#">Info</a>							<a href="#">Actions</a> <a href="#">Create network ACL</a>
<input type="text" value="Filter network ACLs"/> <span style="float: right;">&lt; 1 &gt;  </span>							
-	Name	Network ACL ID	Associated with	Default	VPC ID	IP	
<input type="checkbox"/>	D-NACL-C-VPC	acl-0454a57ea5fab276c	subnet-0a6d226d34753f8a9 / C-SUB-AZ2-C-V...	Yes	vpc-08ff429ed9ac26f68 / C-VPC	2	
<input type="checkbox"/>	D-NACL-D-VPC	acl-0d4426d236fb742df	4 Subnets	Yes	vpc-00d5087c078051c0e / D-VPC	2	
<input type="checkbox"/>	C-NACL-C-VPC	acl-06bc61dc96648b8af	-	No	vpc-08ff429ed9ac26f68 / C-VPC	1	
<input checked="" type="checkbox"/>	C-NACLs-D-VPC	acl-051dc69e0317d66...	-	No	vpc-00d5087c078051c0e / D-VPC	1	

## Check inbound rules what permission given by default

Inbound rules (1)							<a href="#">Edit inbound rules</a>
<input type="text" value="Filter inbound rules"/> <span style="float: right;">&lt; 1 &gt;  </span>							
Rule number	Type	Protocol	Port range	Source	Allow/Deny		
*	All traffic	All	All	0.0.0.0/0	Deny		

## Check outbound rules what permission given by default

Outbound rules (1)							<a href="#">Edit outbound rules</a>
<input type="text" value="Filter outbound rules"/> <span style="float: right;">&lt; 1 &gt;  </span>							
Rule number	Type	Protocol	Port range	Destination	Allow/Deny		
*	All traffic	All	All	0.0.0.0/0	Deny		

**IF CREATE CUSTOM NACLs ALL PERMISSION DENY BY DEFAULT AND IF CREATE NEW RULES ALLOW AND DENY BOTH PERMISSION GIVEN RULES BUT CREATE NUMBERING WISE BECAUSE RULES ACT ONLY ASSIGN NUMERIC WISE.**

### Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the VPC.

Rule number	Type	Protocol	Port range	Source	Allow/Deny	
100	All traffic	All	All	0.0.0.0/0	Allow	Remove
*	All traffic	All	All	0.0.0.0/0	Allow	Deny

## Virtual Private Cloud (Amazon VPC)

If I create a new Security Group, then what permission will be given to the new Security Group by default?

### Create new SG in Default VPC

The screenshot shows the AWS VPC Security Groups page. At the top, there is a header bar with the title 'Create new SG in Default VPC'. Below it is a table titled 'Security Groups (2)'. The table has columns for Name, Security group ID, Security group name, VPC ID, Description, and Owner. A red box highlights the 'Create security group' button at the top right of the table.

### Insert Name and select default VPC

#### Create security group

A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.

**Basic details**

Security group name: C-SG-D-VPC  
Description: SSH  
VPC: vpc-00d5087c078051c0e

This is a step in the 'Create security group' wizard. It asks for basic details: a security group name (C-SG-D-VPC), a description (SSH), and a VPC (vpc-00d5087c078051c0e). The 'Basic details' section is highlighted in red.

### Successfully create

The screenshot shows the AWS VPC Security Groups page after creation. The table now includes a third row for 'C-SG-D-VPC' with the details: sg-0d434d5e0d95c5316, C-SG-D-VPC, vpc-00d5087c078051c0e, SSH. The 'Actions' dropdown menu for this row is also highlighted.

### Check inbound rules what permission given by default → Not create

#### Inbound rules

No security group rules found

This screenshot shows the 'Inbound rules' section of the AWS VPC Security Groups page. It displays a table with columns for Name, Security group rule..., IP version, Type, Protocol, and Port range. A note at the bottom states 'No security group rules found'.

### Check outbound rules what permission given by default

#### Outbound rules (1/1)

No security group rules found

This screenshot shows the 'Outbound rules' section of the AWS VPC Security Groups page. It displays a table with columns for Name, Security group rule..., IP version, Type, Protocol, and Port range. A note at the bottom states 'No security group rules found'.

# Virtual Private Cloud (Amazon VPC)

## Create new SG in Custom VPC

Security Groups (1/4) <a href="#">Info</a>						
		Actions		Export security groups to CSV		<a href="#">Create security group</a>
<input type="text"/> Filter security groups						
Name	Security group ID	Security group name	VPC ID	Description	Owner	
D-SG-D-VPC	sg-007a83561e3024323	default	vpc-00d5087c078051c0e	default VPC security gr...	659202326636	
D-SG-C-VPC	sg-01c1b34793707502	default	vpc-08ff429ed9ac26f68	default VPC security gr...	659202326636	
C-SG-C-VPC	sg-09a2b846a7d6e34d7	C-SG-C-VPC	vpc-08ff429ed9ac26f68	CUSTOM VPC	659202326636	

## Check inbound rules what permission given by default → Not create

Inbound rules						
<input type="text"/> Filter security group rules						
Name	Security group rule...	IP version	Type	Protocol	Port range	
No security group rules found						

## Check outbound rules what permission given by default

Outbound rules (1/1)						
<input type="text"/> Filter security group rules						
Name	Security group rule...	IP version	Type	Protocol	Port range	
C-SG-C-VPC	sgr-05a4d58727d3e6a...	IPv4	All traffic	All	All	

**IF CREATE CUSTOM SG ALL PERMISSION ALLOW ONLY OUTBOUND NOT INBOUND RULE CREATE BY DEFAULT AND IF CREATE NEW RULES ONLY ALLOW PERMISSION GIVEN RULES NOT FOUND ANY DENY OPTION.**

### Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules <a href="#">Info</a>						
Security group rule ID	Type <a href="#">Info</a>	Protocol <a href="#">Info</a>	Port range <a href="#">Info</a>	Source <a href="#">Info</a>	Description - optional <a href="#">Info</a>	
sgr-01e383794d74add49	All traffic	All	All	Custom	<input type="text"/> sg-007a83561e3024323	<a href="#">Delete</a>
<a href="#">Add rule</a>						
<a href="#">Cancel</a> <a href="#">Preview changes</a> <a href="#">Save rules</a>						

## Virtual Private Cloud (Amazon VPC)

If you change Subnet in route table to use Assign Explicit subnet association in route table

Check subnet and default route

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	Available	vpc-00d5087c078051c0e   D...	172.31.48.0/20	-
C-SUB-AZ2-C-VPC	subnet-0a6d226d34753f8a9	Available	vpc-08ff429ed9ac26f68   C-VPC	172.32.16.0/20	-
D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	Available	vpc-00d5087c078051c0e   D...	172.31.32.0/20	-
<input checked="" type="checkbox"/> D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	Available	vpc-00d5087c078051c0e   D...	172.31.0.0/20	-
D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	Available	vpc-00d5087c078051c0e   D...	172.31.16.0/20	-

Route table: rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC

If you change single subnet in route to click edit route table association

Route table: rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC

Routes (1)

Edit route table association

Change route table id by default its assign in main route table

Subnet route table settings

Route table ID

rtb-07f8b88c3f21ece87 (C-ROUTE-D-VPC)

rtb-0e3dc588c8b800e79 (D-RTROUTE-D-VPC)

rtb-07f8b88c3f21ece87 (C-ROUTE-D-VPC)

Main route table

Filter routes

Successfully change route table

Route table: rtb-0e3dc588c8b800e79 / D-RTROUTE-D-VPC

Routes (2)

# Virtual Private Cloud (Amazon VPC)

If you change multi subnet in route to open route table and edit Assign Explicit subnet association

Check only one assign explicit subnet associations

Route tables (1/4) <a href="#">Info</a>						
		Name	Route table ID	Explicit subnet associations	Edge associations	Main
<input checked="" type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	subnet-0c47e3b8ea67f667c / D-SUB-AZ3-D-VPC	-	No	vpc-0d5087c078
<input type="checkbox"/>	C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9ac

Click any route and click actions to edit subnet associations

Route tables (1/4) <a href="#">Info</a>						
		Name	Route table ID	Explicit subnet associations	Edge associations	Main
<input checked="" type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	subnet-0c47e3b8ea67f667c / D-SUB-AZ3-D-VPC	-	No	vpc-0d5087c078
<input type="checkbox"/>	C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9ac

Click on the you want multi select

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (3/4)						
Selected subnets						
<input type="checkbox"/>	C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	172.31.48.0/20	-	Main (rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC)	
<input checked="" type="checkbox"/>	D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	172.31.32.0/20	-	Main (rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC)	
<input checked="" type="checkbox"/>	D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	172.31.0.0/20	-	rtb-0e3dc588c8b800e79 / D-ROUTE-D-VPC	
<input checked="" type="checkbox"/>	D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	172.31.16.0/20	-	Main (rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC)	

Successfully add

You have successfully updated subnet associations for rtb-0e3dc588c8b800e79 / D-ROUTE-D-VPC.

Route tables (1/4) [Info](#)

Route tables (1/4) <a href="#">Info</a>						
		Name	Route table ID	Explicit subnet associat...	Edge associations	Main
<input checked="" type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	subnet-0e53bc8293161e597 / D-SUB-AZ2-D-VPC subnet-090d7477f701173cd / D-SUB-AZ1-D-VPC subnet-0c47e3b8ea67f667c / D-SUB-AZ3-D-VPC	X	No
<input type="checkbox"/>	C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-			No
<input type="checkbox"/>	C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-			Yes
<input type="checkbox"/>	D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-			Yes

# Virtual Private Cloud (Amazon VPC)

If you change IGW in route table to use Assign Edge association in route table

## Assign Edge associations

First, check default assign IGW in subnet route table

The screenshot shows the AWS Route Tables page with 1/4 route tables listed. The first route table, 'D-ROUTE-D-VPC', is selected and highlighted with a red border. It has '3 subnets' associated with it and no edge associations. The second route table, 'C-ROUTE-C-VPC', is also highlighted with a red border and has '3 subnets' associated with it. The third route table, 'C-ROUTE-D-VPC', has no subnets associated with it and 'Yes' under 'Edge associations'. The fourth route table, 'D-ROUTE-C-VPC', has no subnets associated with it and 'Yes' under 'Edge associations'. Below the table, the 'Routes' section shows two entries: one for '172.31.0.0/16' pointing to 'local' (Status: Active, Propagated: No) and another for '0.0.0.0/0' pointing to 'igw-08ea8de664ea441d9' (Status: Active, Propagated: No). Both routes are also highlighted with a red border.

Check not any assign Edge associations

The screenshot shows the AWS Route Tables page with 4 route tables listed. The first route table, 'D-ROUTE-D-VPC', is selected and highlighted with a red border. It has '3 subnets' associated with it and no edge associations. The second route table, 'C-ROUTE-C-VPC', has no subnets associated with it and no edge associations. The third route table, 'C-ROUTE-D-VPC', has no subnets associated with it and 'Yes' under 'Edge associations'. The fourth route table, 'D-ROUTE-C-VPC', has no subnets associated with it and 'Yes' under 'Edge associations'. The 'Routes' section below is empty, indicating that the changes have been applied.

If 2 subnet or AZ assign IGW then create EDGE associations (apply appliance)

First, check different route in IGW assign or not

The screenshot shows the AWS Route Tables page with 4 route tables listed. The third route table, 'C-ROUTE-D-VPC', is selected and highlighted with a red border. It has '3 subnets' associated with it and 'Yes' under 'Edge associations'. The other three route tables ('D-ROUTE-D-VPC', 'C-ROUTE-C-VPC', and 'D-ROUTE-C-VPC') have no subnets associated with them and no edge associations. Below the table, the 'Routes' section shows one entry for '172.31.0.0/16' pointing to 'local' (Status: Active, Propagated: No).

# Virtual Private Cloud (Amazon VPC)

**Click Change route and click actions to edit edge associations**

Route tables (1/4) <a href="#">Info</a>						
Name	Route table ID	Explicit subnet associat...	Edge associations	Main	Actions	Create route table
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	No	<a href="#">Edit subnet associations</a> <a href="#">Edit edge associations</a> <a href="#">Edit route propagation</a> <a href="#">Edit routes</a>	65920
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No		65920
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	-	Yes		65920

**Check mark to IGW and save**

Edit edge associations (1/1)

Route table basic details

Route table ID rtb-07f8b88c3f21ece87	Route table name C-ROUTE-D-VPC	Route table VPC ID vpc-00d5087c078051c0e
---	-----------------------------------	---

Internet gateway

Gateway ID igw-08ea8de664ea441d9 / D-GTW-D-VPC	Attached
---	----------

Owner  
659202326636

[Cancel](#) [Save changes](#)

**Add successfully IGW**

Route tables (1/4) <a href="#">Info</a>						
Name	Route Table ID	Explicit subnet associat...	Edge associations	Main	VPC	Actions
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	No	vpc-00d5087c0	<a href="#">Edit</a>
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9	<a href="#">Edit</a>
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	<b>igw-08ea8de664ea441d9 / D-GTW-D-VPC</b>	<b>Yes</b>	<b>vpc-00d5087c0</b>	<a href="#">Edit</a>

**Successfully Add both side assign IGW**

Route tables (1/4) <a href="#">Info</a>						
Name	Route Table ID	Explicit subnet associat...	Edge associations	Main	VPC	Actions
<b>D-ROUTE-D-VPC</b>	<b>rtb-0e3dc588c8b800e79</b>	<b>3 subnets</b>	-	No	<b>vpc-00d5087c0</b>	<a href="#">Edit</a>
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-	-	No	vpc-08ff429ed9	<a href="#">Edit</a>
<b>C-ROUTE-D-VPC</b>	<b>rtb-07f8b88c3f21ece87</b>	-	<b>igw-08ea8de664ea441d9 / D-GTW-D-VPC</b>	<b>Yes</b>	<b>vpc-00d5087c0</b>	<a href="#">Edit</a>
D-ROUTE-C-VPC	rtb-0bca47651d2231c74	-	-	Yes	vpc-08ff429ed9	<a href="#">Edit</a>

**Routes (2)**

Destination	Target	Status	Propagated
172.31.0.0/16	local	Active	No
0.0.0.0/0	igw-08ea8de664ea441d9	Active	No

## Virtual Private Cloud (Amazon VPC)

If I want to delete direct VPS after all the modification , will they allow me to delete them or not?

Delete custom VPC

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
C-VPC	vpc-08ff429ed9ac26f68	Available	172.32.0.0/16	-
D-VPC	vpc-00d5087c078051c0e	Available	172.31.0.0/16	-

vpc-08ff429ed9ac26f68 / C-VPC

Actions ▾ Create VPC

- Create default VPC
- Create flow log
- Edit CIDRs
- Edit DHCP options set
- Edit DNS hostnames
- Edit DNS resolution
- Manage middlebox routes
- Manage tags
- Delete VPC**

If I delete VPC, So it Show me that you are using another service in VPC.  
so will it allow me to delete it or not?

Delete VPC

Name	Resource ID	State
C-IGW-D-VPC	igw-0Gee29cd7526ee1b9	Available
C-NACL-C-VPC	acl-06bc61dc96648b8af	-
C-ROUTE-C-VPC	rtb-00cb2814928411e7d	-
C-SG-C-VPC	sg-09a2b846a7d6e34d7	-
C-SUB-AZ2-C-VPC	subnet-0a6d226d34753fb8a9	Available

To confirm deletion, type *delete* in the field:  
**DELETE**

Cancel Delete

If deleted VPC Automatic detaching service

Delete VPC

Detaching internet gateways...  
Validating resources to delete...  
Detaching internet gateways...  
Revoking security group rules...  
Deleting VPC endpoints...  
Deleting security groups...  
Deleting egress only internet gateways...  
Deleting internet gateways...  
Deleting network interfaces...  
Deleting subnets...  
Deleting network ACLs...  
Deleting route tables...  
Deleting VPC...  
Waiting for VPC endpoints to be deleted...

Cancel Delete

## Virtual Private Cloud (Amazon VPC)

After deleting so many service VPC out of all the modifications I did, it got deleted automatically.



### Delete custom subnet

### Delete custom subnet

Subnets (1/4) [Info](#)

Name	Subnet ID	State	VPC	IPv4 CIDR
C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	Available	vpc-00d5087c078051c0e   D...	172.31.4
D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	Available	vpc-00d5087c078051c0e   D...	172.31.3
D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	Available	vpc-00d5087c078051c0e   D...	172.31.0
D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	Available	vpc-00d5087c078051c0e   D...	172.31.1

[View details](#) [Create flow log](#) [Edit subnet settings](#) [Edit IPv6 CIDRs](#) [Edit network ACL association](#) [Edit route table association](#) [Edit CIDR reservations](#) [Share subnet](#) [Manage tags](#) [Delete subnet](#)

Type to delete and click delete

### Delete subnets

The following subnets will be deleted permanently and cannot be recovered later.

Name	Subnet ID	State	VPC ID
C-SUB-AZ1-D-VPC	subnet-0b532e1c29279307b	Available	vpc-00d5087c078051c0e

To confirm deletion, type *delete* in the field

[Cancel](#) [Delete](#)

Successfully deleted custom subnet

You have successfully deleted subnet-0b532e1c29279307b

### Subnets (3) [Info](#)

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
D-SUB-AZ1-D-VPC	subnet-090d7477f701173cd	Available	vpc-00d5087c078051c0e   D...	172.31.32.0/20	-
D-SUB-AZ3-D-VPC	subnet-0c47e3b8ea67f667c	Available	vpc-00d5087c078051c0e   D...	172.31.0.0/20	-
D-SUB-AZ2-D-VPC	subnet-0e53bc8293161e597	Available	vpc-00d5087c078051c0e   D...	172.31.16.0/20	-

# Virtual Private Cloud (Amazon VPC)

## Delete route table

Select custom route and delete

Name	Route table ID	Explicit subnet associations	Edge associations	Main
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	No
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	igw-08ea8de664e...	Yes

If custom route configure in main so not possible to delete

Name	Route table ID	VPC ID
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	vpc-00d5087c078051c0e

Change to main after change to main click to delete route

Name	Route table ID	Explicit subnet associations	Edge associations	Main
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	Yes
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	igw-08ea8de664e...	No

if assign Explicit & Edge so not possible to direct delete to route

Name	Route table ID	VPC ID
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	vpc-00d5087c078051c0e

# Virtual Private Cloud (Amazon VPC)

## Delete edge association

Click to edit edge association

Route tables (1/2) [Info](#)

Name	Route table ID	Explicit subnet associations	Edge associations	Main	Action
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	Yes	<a href="#">Edit edge associations</a>
<input checked="" type="checkbox"/> C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	igw-08ea8de664e...	No	<a href="#">Edit edge associations</a>

Unselect IGW and save

Internet gateway

Gateway ID  
igw-08ea8de664ea441d9 / D-GTW-D-VPC [Edit](#)

State  
Attached

Owner  
659202326636

[Cancel](#) [Save changes](#)

After all modification click to delete option

Route tables (1/2) [Info](#)

Name	Route table ID	Explicit subnet associations	Edge associations	Main	Action
D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	Yes	<a href="#">Edit edge associations</a>
<input checked="" type="checkbox"/> C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	-	-	No	<a href="#">Delete route table</a>

Type delete

Delete route tables

The following route tables will be deleted permanently and can't be recovered later.

Name	Route table ID	VPC ID
C-ROUTE-D-VPC	rtb-07f8b88c3f21ece87	vpc-00d5087c078051c0e

To confirm deletion, type *delete* in the field:

[Cancel](#) [Delete](#)

## Virtual Private Cloud (Amazon VPC)

**Successfully deleted route**

You have successfully deleted rtb-07f8b88c3f21ece87 / C-ROUTE-D-VPC

Route tables (1/1) <a href="#">Info</a>							<a href="#">Actions</a>	<a href="#">Create route table</a>
	Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC	Owner	
<input checked="" type="checkbox"/>	D-ROUTE-D-VPC	rtb-0e3dc588c8b800e79	3 subnets	-	Yes	vpc-00d5087c078051c0e   D...	659202326636	

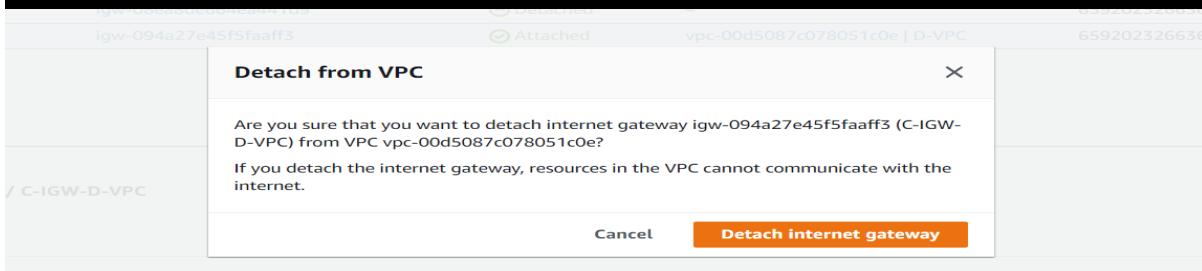
**Delete IGW**

**If delete IGW so first detached IGW from VPC**

Internet gateways (1/2) [Info](#)

	Name	Internet gateway ID	State	VPC ID	<a href="#">Actions</a>	<a href="#">Create internet gateway</a>
<input type="checkbox"/>	D-GTW-D-VPC	igw-08ea8de664ea441d9	Detached	-	<a href="#">View details</a>	<a href="#">Attach to VPC</a>
<input checked="" type="checkbox"/>	C-IGW-D-VPC	igw-094a27e45f5faaff3	Attached	vpc-00d5087c078051c0e   D...	<a href="#">Detach from VPC</a>	<a href="#">Manage tags</a>

**Click to detach**



**Successfully detach IGW and click delete IGW**

Internet gateways (1/2) [Info](#)

	Name	Internet gateway ID	State	VPC ID	<a href="#">Actions</a>	<a href="#">Create internet gateway</a>
<input type="checkbox"/>	D-GTW-D-VPC	igw-08ea8de664ea441d9	Detached	-	<a href="#">View details</a>	<a href="#">Attach to VPC</a>
<input checked="" type="checkbox"/>	C-IGW-D-VPC	igw-094a27e45f5faaff3	Detached	-	<a href="#">Detach from VPC</a>	<a href="#">Manage tags</a>

**Successfully deleted IGW**

Internet gateway successfully deleted - igw-094a27e45f5faaff3

Internet gateways (1/1) <a href="#">Info</a>							<a href="#">Actions</a>	<a href="#">Create internet gateway</a>
	Name	Internet gateway ID	State	VPC ID	Owner	<a href="#">Actions</a>	<a href="#">Create internet gateway</a>	
<input checked="" type="checkbox"/>	D-GTW-D-VPC	igw-08ea8de664ea441d9	Detached	-	659202326636			

## Virtual Private Cloud (Amazon VPC)

### Delete NACLs

Select custom NACLs and delete					
Network ACLs (1/2) <a href="#">Info</a>				Actions ▾	<a href="#">Create network ACL</a>
<input type="text"/> Filter network ACLs					
Name	Network ACL ID	Associated with	Default	Actions	
D-NACL-D-VPC	acl-0d4426d236fb742df	3 Subnets	Yes	<a href="#">View details</a> <a href="#">Edit inbound rules</a> <a href="#">Edit outbound rules</a> <a href="#">Edit subnet associations</a> <a href="#">Manage tags</a>	<a href="#">Delete network ACLs</a>
C-NACLs-D-VPC	acl-051dc69e0317d6695	-	No		

### Type delete

Delete network ACLs

The following network ACLs will be deleted permanently and cannot be recovered later.

Name	Network ACL ID	VPC ID
C-NACLs-D-VPC	acl-051dc69e0317d6695	vpc-00d5087c078051c0e

To confirm deletion, type *delete* in the field:

[Cancel](#) [Delete](#)

### Successfully deleted NACLs

You have successfully deleted acl-051dc69e0317d6695 / C-NACLs-D-VPC

Network ACLs (1/1) <a href="#">Info</a>					
<input type="text"/> Filter network ACLs					
Name	Network ACL ID	Associated with	Default	VPC ID	Actions ▾
D-NACL-D-VPC	acl-0d4426d236fb742df	3 Subnets	Yes	vpc-00d5087c078051c0e / D-VPC	<a href="#">View details</a> <a href="#">Edit inbound rules</a> <a href="#">Edit outbound rules</a> <a href="#">Edit subnet associations</a> <a href="#">Manage tags</a>

## Virtual Private Cloud (Amazon VPC)

### Delete Security Group

#### Select custom Security Group and delete

Security Groups (1/2) <a href="#">Info</a>				<a href="#">C</a>	Actions ▲	Export security groups to CSV ▾
				<input type="text"/> Filter security groups		
■	Name	Security group ID	Security group name		Description	
<input type="checkbox"/>	D-SG-D-VPC	sg-007a83561e3024323	default		default VPC secu	
<input checked="" type="checkbox"/>	C-SG-D-VPC	sg-0d434d5e0d95c5316	C-SG-D-VPC	vpc-00d5087c078051c0e	SSH	

#### Click to delete

Delete security groups X

Are you sure that you want to delete this security group?

- sg-0d434d5e0d95c5316 - C-SG-D-VPC

[Cancel](#) [Delete](#)

#### Successfully deleted Security Group

✓ Security group (sg-0d434d5e0d95c5316 | C-SG-D-VPC) successfully deleted X

Security Groups (1/1) <a href="#">Info</a>							<a href="#">C</a>	Actions ▾	Export security groups to CSV ▾	<a href="#">Create security group</a>
							<input type="text"/> Filter security groups			
✓	Name	Security group ID	Security group name	VPC ID	Description	Owner				
<input checked="" type="checkbox"/>	D-SG-D-VPC	sg-007a83561e3024323	default	vpc-00d5087c078051c0e	default VPC security gr...	659202326636				

## Virtual Private Cloud (Amazon VPC)

### Create Direct Connect (It's chargeable)

Networking & Content Delivery

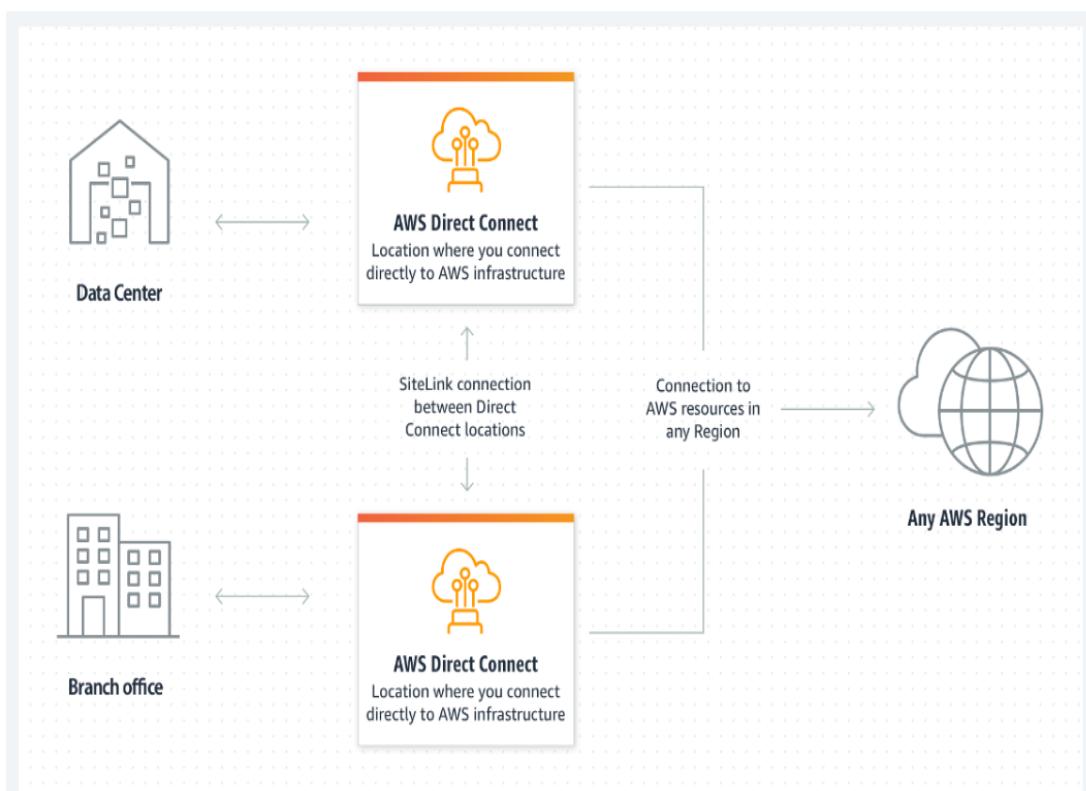
## AWS Direct Connect

### Lets you establish a dedicated network connection to AWS

AWS Direct Connect makes it easy to establish a dedicated network connection from your premises to AWS. Using AWS Direct Connect, you can establish private connectivity between AWS and your datacenter, office, or colocation environment.

#### How it works

The AWS Direct Connect cloud service is the shortest path to your AWS resources. While in transit, your network traffic remains on the AWS global network and never touches the public internet. This reduces the chance of hitting bottlenecks or unexpected increases in latency. When creating a new connection, you can choose a hosted connection provided by an AWS Direct Connect Delivery Partner, or choose a dedicated connection from AWS—and deploy at over 100 AWS Direct Connect locations around the globe. With AWS Direct Connect SiteLink, you can send data between AWS Direct Connect locations to create private network connections between the offices and data centers in your global network.



#### Use cases

##### Build hybrid networks

Link your AWS and on-premises networks to build applications that span environments without compromising performance.

##### Extend your existing network

Once you link your network to AWS Direct Connect, you can use SiteLink to send data between your locations. When using SiteLink, data travels over the shortest path between locations.

##### Manage large datasets

Ensure smooth and reliable data transfers at massive scale for real-time analysis, rapid data backup, or broadcast media processing.

# Virtual Private Cloud (Amazon VPC)

## Search Direct Connect

Q direct Connect X

Search results for 'direct'

Services 8      See all 8 results ▾

Features 16  
Blogs 1,130  
Documentation 21,977  
Knowledge Articles 30

Services

 Direct Connect ★  
Dedicated Network Connection to AWS

 Directory Service ☆

## Click to create a connection

Networking & Content Delivery

### AWS Direct Connect

Lets you establish a dedicated network connection to AWS

AWS Direct Connect makes it easy to establish a dedicated network connection from your premises to AWS. Using AWS Direct Connect, you can establish private connectivity between AWS and your datacenter, office, or colocation environment.

Get started

Connect directly to an AWS device from your router at an AWS Direct Connect location.

Create a connection

## Select ordering type

### Create connection

AWS Direct Connect enables you to establish a dedicated network connection between your network and one of the AWS Direct Connect locations. Choose the AWS Direct Connect location where you would like to connect and the port speed you are requesting. [Learn more](#)

#### Connection ordering type

Connection ordering type

**Classic**  
Create connections one-at-a-time. Best for augmenting an existing setup.

**Connection wizard**  
Create connections using our resiliency recommendations. Recommended for new setups.

## Enter location and datacentre location

### Connection settings

Name  
A name to help you identify the connection.

Name must contain no more than 100 characters. Valid characters are a-z, 0-9, and hyphens (-).

Location  
The location in which your connection is located.

## Virtual Private Cloud (Amazon VPC)

### Enter port data transfer speed

#### Port speed

Desired bandwidth for the new connection.

- 1Gbps
- 10Gbps

### Enter service provider and other as you requirements

#### On-premises

- Connect through an AWS Direct Connect partner.

#### Service provider

Service provider providing connectivity for your connection at this location.

My service provider

#### ▼ Additional settings

##### MACsec support

MACsec support requires you use a compatible router or switch on your end of the dedicated connection.

- Request a MACsec capable port

##### Existing LAGs - optional

The existing LAG to associate with the newly created connection.

My LAGs

#### Tags

Specified tags to help identify a AWS Direct Connect resource.

No tags associated with the resource

Add tag

Cancel

Create connection

### Check health in AZ

### Click vpc and check right side service health click on view option

Create VPC

Launch EC2 Instances

Note: Your Instances will launch in the Asia Pacific region.

Resources by Region Refresh Resources

You are using the following Amazon VPC resources

#### Service Health

##### Current Status

##### Details

Amazon EC2 - Asia Pacific

Service is operating normally

[View complete service health details](#)

### If any issue found show here

#### Never miss a beat

You can send AWS Health events to Slack, ServiceNow, JIRA, and more. Live webinars available now at no charge. [Learn more](#)

AWS Health Dashboard

Updated less than 1 min ago

## Your account health

Stay informed of important events affecting your AWS resources.

#### Configure Amazon EventBridge rule

Get notifications for events that might affect your services and resources.

[Go to EventBridge](#)

Open and recent issues (0)

Scheduled changes (0)

Other notifications (0)

Event log

No recent issues

Updated less than 1 minute ago

# Virtual Private Cloud (Amazon VPC)

How many VPC create in ONE region?

5 VPC create in one region						
Your VPCs (1/5) <a href="#">Info</a>				Actions ▾		<a href="#">Create VPC</a>
		Filter VPCs		< 1 >		
<input type="checkbox"/>	3	vpc-02350192352e56377	<span>Available</span>	172.135.0.0/16	-	dopt
<input type="checkbox"/>	4	vpc-0c0e3fbf7275dd15a	<span>Available</span>	172.137.0.0/16	-	dopt
<input type="checkbox"/>	2	vpc-0c8423101daa076fa	<span>Available</span>	172.33.0.0/16	-	dopt
<input type="checkbox"/>	1	vpc-058b76191d152e7fd	<span>Available</span>	172.32.0.0/16	-	dopt
<input checked="" type="checkbox"/>	5	vpc-0802cbddf1bcd5ca8	<span>Available</span>	172.31.0.0/16	-	dopt

If create one more VPC they can't create

 There was an error creating your VPC  
The maximum number of VPCs has been reached.

VPC > Your VPCs > Create VPC

## Create VPC [Info](#)

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

### VPC settings

#### Resources to create [Info](#)

Create only the VPC resource or the VPC and other networking resources.

VPC only

VPC and more

#### Name tag - optional

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

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