

VPC and subnet creation.

1.create VPC (87.70.0.0/16)

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 [Info](#)
Creates a tag with a key of 'Name' and a value that you specify.

demovpc

IPv4 CIDR block [Info](#)

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

IPv4 CIDR
87.70.0.0/16

CIDR block size must be between /16 and /28.

CIDR block size must be between /16 and /28.

IPv6 CIDR block [Info](#)

☒ No IPv6 CIDR block
☐ IPAM-allocated IPv6 CIDR block
☐ Amazon-provided IPv6 CIDR block
☐ IPv6 CIDR owned by me

Tenancy [Info](#)
Default

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	Value - optional	
Name	demovpc	Remove tag
webserver	webserver	Remove tag

[Add tag](#) [Use webserver](#)

You can add 48 more tags

[Cancel](#) [Preview code](#) [Create VPC](#)

VPC dashboard [EC2 Global View](#)

[Filter by VPC](#)

Virtual private cloud

- [Your VPCs](#)
- [Subnets](#)
- [Route tables](#)
- [Internet gateways](#)
- [Egress-only internet gateways](#)
- [DHCP option sets](#)
- [Elastic IPs](#)
- [Managed prefix lists](#)
- [NAT gateways](#)
- [Peering connections](#)

Security

- [Network ACLs](#)
- [Security groups](#)

You successfully created vpc-0455c8a023bbc20b3 / demovpc

vpc-0455c8a023bbc20b3 / demovpc [Actions](#)

Details [Info](#)

VPC ID vpc-0455c8a023bbc20b3	State Available	Block Public Access Off	DNS hostnames Disabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-0509027cdabd70912	Main route table rtb-042a26f3e4fa4d3e3
Main network ACL acl-0226d61634271f39e	Default VPC No	IPv4 CIDR 87.70.0.0/16	IPv6 pool -
IPv6 CIDR (Network border group) -	Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 555786028785

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

Resource map [Info](#)

VPC [View details](#)

Subnets (0)

Route tables (1)

Network connections

aws [Search] [Alt+S] Mumbai Rohan Borate

EC2 IAM EC2

VPC dashboard < EC2 Global View Filter by VPC

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

Security Network ACLs

Your VPCs (1/2) Info Last updated 1 minute ago Actions Create VPC

Name	VPC ID	State	Block Public...	IPv4 CIDR	IPv6 CIDR
-	vpc-074321e9b52b24a31	Available	Off	172.31.0.0/16	-
demovpc	vpc-0455c8a023bbc20b3	Available	Off	87.70.0.0/16	-

vpc-0455c8a023bbc20b3 / demovpc

Details Resource map CIDRs Flow logs Tags Integrations

Details

VPC ID vpc-0455c8a023bbc20b3

State Available

Block Public Access Off

DNS hostnames Disabled

DNS resolution

Tenancy

DHCP option set

Main route table

2. create subnet for this VPC , subnet A (87.70.0.0/18) and SubnetB (87.70.64.0/18)

aws [Search] [Alt+S] Mumbai Rohan Borate

EC2 IAM EC2

VPC Subnets Create subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

vpc-0455c8a023bbc20b3 (demovpc)

Associated VPC CIDRs

IPv4 CIDRs

87.70.0.0/16

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.

subnetA

aws [Search] [Alt+S] Mumbai Rohan Borate

EC2 IAM EC2

VPC Subnets Create subnet

subnetA

The name can be up to 256 characters long.

Availability Zone

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

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

IPv4 VPC CIDR block

Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

87.70.0.0/16

IPv4 subnet CIDR block

87.70.0.0/18 16,384 IPs

Tags - optional

Key Value - optional

Name subnetA Remove

webserver webserver Remove

Add new tag

You can add 48 more tags.

VPC dashboard

EC2 Global View

Filter by VPC

Virtual private cloud

Your VPCs

[Subnets](#)

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

NAT gateways

Peering connections

Security

Network ACLs

Security groups

Subnets (2) [Info](#)

Last updated less than a minute ago [Actions](#) [Create subnet](#)

Find resources by attribute or tag

Subnet ID : subnet-004fe470e57bddda0 X Subnet ID : subnet-09e9151cb1eb34ff6 X [Clear filters](#)

<input type="checkbox"/>	Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
<input type="checkbox"/>	subnetA	subnet-004fe470e57bddda0	Available	vpc-0455c8a023bbc20b3 dem...	Off	87.70.0.0/18
<input type="checkbox"/>	subnetB	subnet-09e9151cb1eb34ff6	Available	vpc-0455c8a023bbc20b3 dem...	Off	87.70.64.0/18

Select a subnet

Search

subnet-004fe470e57bddda0 subnet-09e9151cb1eb34ff6