

# Create a VPC

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[vpc-093fe267cb2e89185](#)

☒

Available

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172.31.0.0/16

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VPC

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Your VPCs

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Create VPC

Info

Create VPC

Info

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances. Mouse over a resource to highlight the related resources.

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 auto-generation

Info

Enter a value for the Name tag. This value will be used to auto-generate Name tags for all resources in the VPC.

☒ Auto-generate

IPv4 CIDR block

Info

Determine the starting IP and the size of your VPC using CIDR notation.

256 IPs

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

IPv6 CIDR block

Info

☒ No IPv6 CIDR block

☐ Amazon-provided IPv6 CIDR block

Tenancy

Info

Preview

VPC

Show details

Your AWS virtual network

Dhoni07vpc-vpc

Subnets (4)

Subnets within this VPC

ap-south-1a

☒ Dhoni07vpc-subnet-public1-ap-

☒ Dhoni07vpc-subnet-private1-ap-

ap-south-1b

☒ Dhoni07vpc-subnet-public2-ap-

☒ Dhoni07vpc-subnet-private2-ap-

Route tables (3)

Route network traffic to resources

Dhoni07vpc-rtb-public

Dhoni07vpc-rtb-private1-ap-south-1

Dhoni07vpc-rtb-private2-ap-south-1

CloudShell

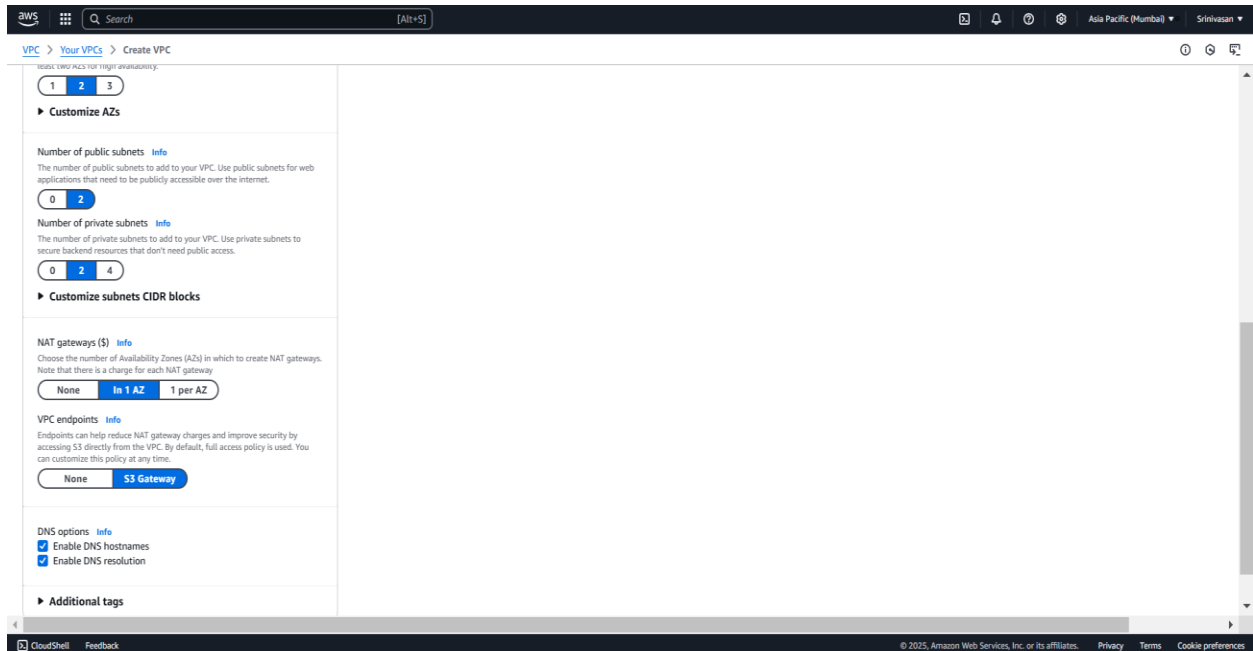
Feedback

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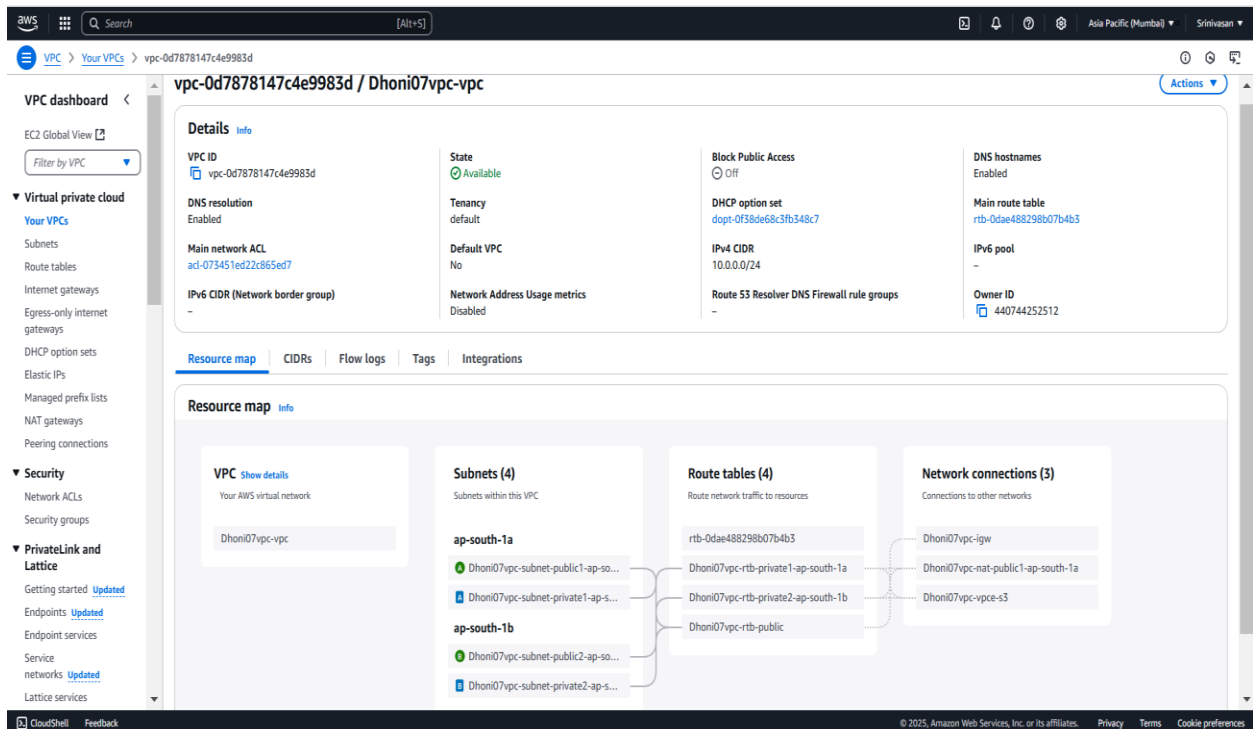
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## VPC Created



## Creation of instance

Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

**Name and tags**

Name: DhoniCSK

**Application and OS Images (Amazon Machine Image)**

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Recents Quick Start

Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux, Debian

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type

Description: Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical

**Summary**

Number of instances: 1

Software Image (AMI): Canonical, Ubuntu, 24.04, amd64

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet.

Cancel Launch instance Preview code

## Adding VPC to the instance

Launch an instance

**Network settings**

VPC - required: vpc-0d7878147c4e9983d (Dhoni07-vpc-vpc)

Subnet: subnet-0a88735adb3bcb366 Dhoni07-vpc-subnet-public1-ap-south-1a

Auto-assign public IP: Enable

Firewall (security groups): Create security group

Security group name - required: launch-wizard-5

Description - required: launch-wizard-5 created 2025-01-23T11:44:15.435Z

Inbound Security Group Rules

Security group rule 1 (TCP: 22, 0.0.0.0/0)

Type: ssh Protocol: TCP Port range: 22

**Summary**

Number of instances: 1

Software Image (AMI): Canonical, Ubuntu, 24.04, amd64

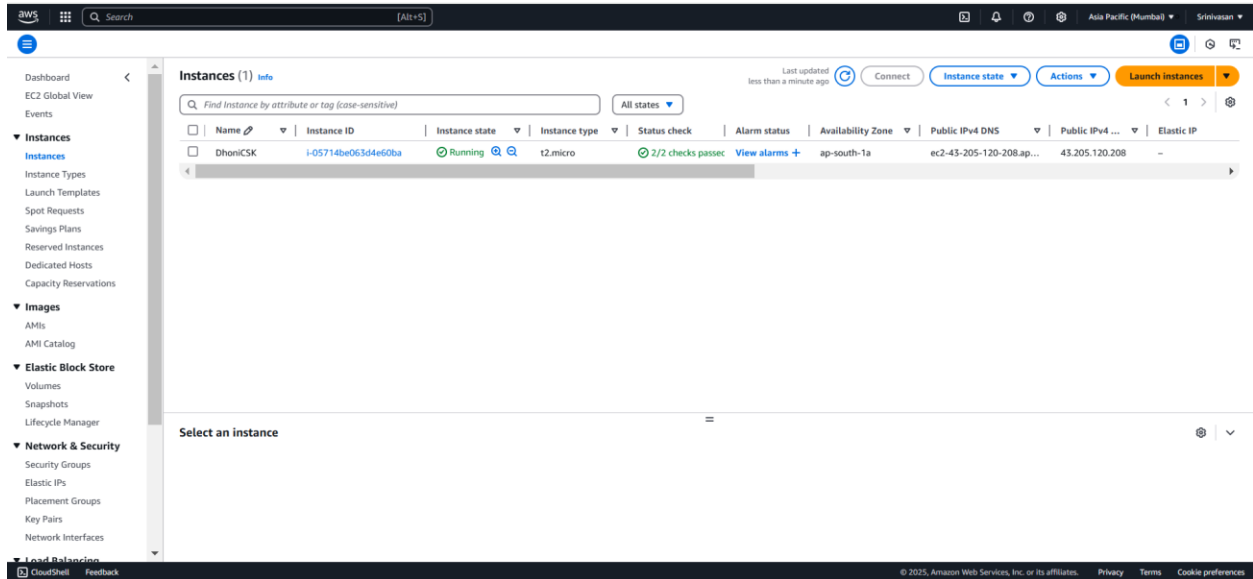
Virtual server type (instance type): t2.micro

Firewall (security group): New security group

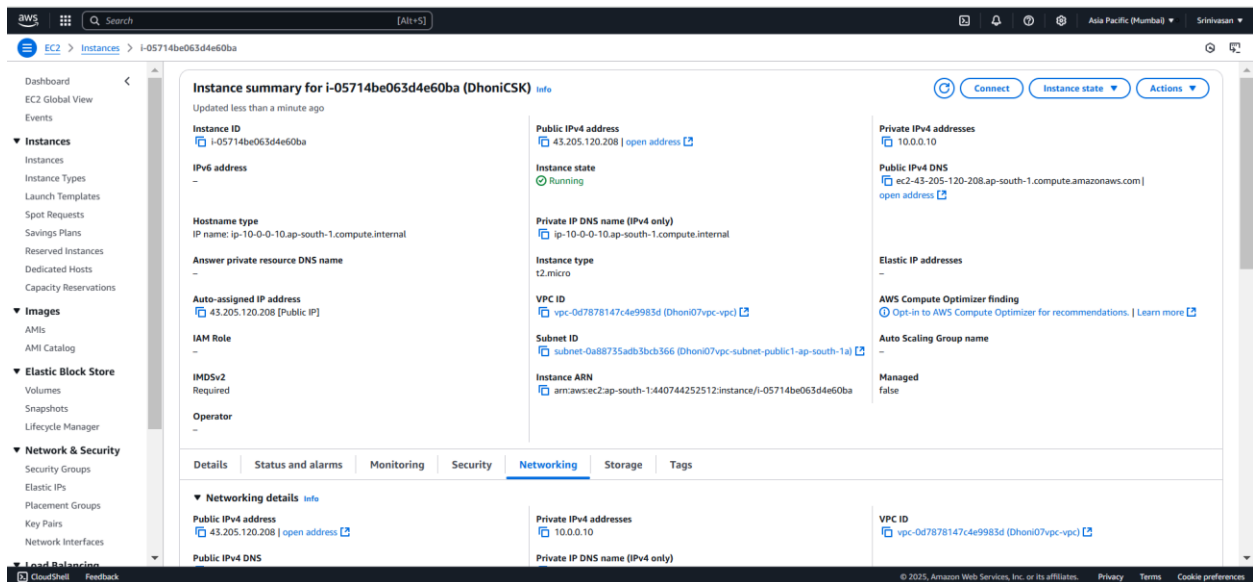
Storage (volumes): 1 volume(s) - 8 GiB

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Instance created



VPC attached to the instance