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VPC Management Console

ArjunNagar/EdYoda-Pytho

ap-south-1.console.aws.amazon.com/vpc/home

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awsServices

Search for services, features, marketplace products, and docs[Alt+S]

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New VPC Experience  
Tell us what you think

VPC Dashboard New

Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs New

Subnets New

Route Tables

Internet Gateways New

Egress Only Internet Gateways New

DHCP Options Sets New

Elastic IPs New

Managed Prefix Lists New

Endpoints

Endpoint Services

NAT Gateways New

Peering Connections

SECURITY

VPC > Your VPCs > vpc-0826f96a52f89ffcd

vpc-0826f96a52f89ffcd / edyodavpc-1

Actions

Details Info

VPC ID vpc-0826f96a52f89ffcd	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP options set dopt-b3f753d8	Main route table rtb-04591a4f1809eab9f / RT1	Main network ACL acl-02f0b879abe8d3ab2
Default VPC No	IPv4 CIDR 192.168.0.0/16	IPv6 pool -	IPv6 CIDR -
Owner ID 077168216583			

CIDRs

Flow logs

Tags

VPC with ip 192.168.0.0/16

IPv4 CIDRs Info

FeedbackEnglish (US)

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Route Tables

**Internet Gateways **New****

Egress Only Internet Gateways **New**

DHCP Options Sets **New**

Elastic IPs **New**

Managed Prefix Lists **New**

Endpoints

Endpoint Services

NAT Gateways **New**

Peering Connections

VPC > Internet gateways > igw-002abb750e6b81f45

igw-002abb750e6b81f45 / my-internet-gateway

Actions

DetailsInfo

Internet gateway ID	State	VPC ID	Owner
igw-002abb750e6b81f45	Attached	vpc-0826f96a52f89ffcd   edyodavpc-1	077168216583

Tags

Search tags

Manage tags

< 1 > ⚙

Key	Value
Name	my-internet-gateway

Made New internet gateway

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Subnets | VPC Management

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NAT Gateways New

Peering Connections

SECURITY

Subnets (2/5) Info

Filter subnets

default1

subnet-4d1ff826

Available

vpc-73b34a18

172.31.32.0/20

-

default2

subnet-8699cdca

Available

vpc-73b34a18

172.31.0.0/20

-

my-public-subnet

subnet-0c87746206d0e7ea4

Available

vpc-0826f96a52f89ffcd | edyo...

192.168.0.0/24

-

my-private-subnet

subnet-0b8d1981ea30a51a6

Available

vpc-0826f96a52f89ffcd | edyo...

192.168.4.0/23

-

default3

subnet-82ce50f9

Available

vpc-73b34a18

172.31.16.0/20

-

Subnets: subnet-0b8d1981ea30a51a6, subnet-0c87746206d0e7ea4

2 Subnets, Public and Private

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Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs New

**Subnets New**

Route Tables

Internet Gateways New

Egress Only Internet Gateways New

DHCP Options Sets New

Elastic IPs New

Managed Prefix Lists New

Endpoints

Endpoint Services

NAT Gateways New

Peering Connections

SECURITY

VPC > Subnets > subnet-0c87746206d0e7ea4

subnet-0c87746206d0e7ea4 / my-public-subnet

Actions

Details

Subnet ID subnet-0c87746206d0e7ea4	State Available	VPC vpc-0826f96a52f89ffcd   edyodavpc-1	IPv4 CIDR 192.168.0.0/24
Available IPv4 addresses 250	IPv6 CIDR -	Availability Zone ap-south-1a	Availability Zone ID aps1-az1
Route table rtb-04591a4f1809eab9f   RT1	Network ACL acl-02f0b879abe8d3ab2	Default subnet No	Auto-assign public IPv4 address No
Auto-assign IPv6 address No	Auto-assign customer-owned IPv4 address No	Customer-owned IPv4 pool -	Outpost ID -
Owner 077168216583	Subnet ARN arn:aws:ec2:ap-south-1:077168216583:subnet/subnet-0c87746206d0e7ea4		

Public Subnet connected to the internet Gateway

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VPC Dashboard New

Filter by VPC:  
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs New

**Subnets New**

Route Tables

Internet Gateways New

Egress Only Internet Gateways New

DHCP Options Sets New

Elastic IPs New

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Endpoint Services

NAT Gateways New

Peering Connections

SECURITY

VPC > Subnets > subnet-0b8d1981ea30a51a6

subnet-0b8d1981ea30a51a6 / my-private-subnet

Actions

Details

Subnet ID subnet-0b8d1981ea30a51a6	State Available	VPC vpc-0826f96a52f89ffcd   edyodavpc-1	IPv4 CIDR 192.168.4.0/23
Available IPv4 addresses 507	IPv6 CIDR -	Availability Zone ap-south-1a	Availability Zone ID aps1-az1
Route table rtb-0bcad02c5abef92ab   RT2	Network ACL acl-02f0b879abe8d3ab2	Default subnet No	Auto-assign public IPv4 address No
Auto-assign IPv6 address No	Auto-assign customer-owned IPv4 address No	Customer-owned IPv4 pool -	Outpost ID -
Owner 077168216583	Subnet ARN arn:aws:ec2:ap-south-1:077168216583:subnet/subnet-0b8d1981ea30a51a6		

Private subnet not connected to the internet gateway

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Instance details | EC2 Man

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New EC2 ExperienceTell us what you think

EC2 Dashboard **New**

Events

Tags

Limits

Instances

Instances **New**

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Welcome to the new instances experience!

We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.

EC2 > Instances > i-0823cd1a0b38c6e20

Instance summary for i-0823cd1a0b38c6e20 (my-instance-with-public-subnet) Info

Updated less than a minute ago

Instance ID

i-0823cd1a0b38c6e20 (my-instance-with-public-subnet)

Public IPv4 address

65.0.204.11 | [open address](#)

Private IPv4 addresses

192.168.0.151

Instance state

Running

Public IPv4 DNS

—

Private IPv4 DNS

ip-192-168-0-151.ap-south-1.compute.internal

Instance type

t2.micro

Elastic IP addresses

—

VPC ID

vpc-0826f96a52f89ffcd (edyodavpc-1)

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. | [Learn more](#)

IAM Role

—

Subnet ID

subnet-0c87746206d0e7ea4 (my-public-subnet)

Finally, instance creation with own vpc, connected to public subnet with public ipv4.

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

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1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | 6. Configure Security Group | 7. Review

### Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances

1

Launch into Auto Scaling Group

Purchasing option

☐ Request Spot instances

Network

vpc-73b34a18 (default)

Create new VPC

Subnet

No preference (default subnet in any Availability Zone)

Create new subnet

Auto-assign Public IP

Use subnet setting (Enable)

Placement group

☐ Add instance to placement group

Capacity Reservation

Open

Domain join directory

No directory

Create new directory

IAM role

None

Create new IAM role

CPU options

☐ Specify CPU options

Shutdown behavior

Stop

// (BONUS) The step which automatically creates public ip is marking the highlighted check box.

Cancel

Previous

Review and Launch

Next: Add Storage

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