

1. Created a VPC.

vpc-06766d94732092e7f / Guvi-VPC

Actions ▾

Details [Info](#)

VPC ID

 vpc-06766d94732092e7f

DNS resolution

Enabled

Main network ACL

[acl-07f1f2eb6e2ddfbaa](#)

IPv6 CIDR (Network border group)

–

State

 Available

Tenancy

default

Default VPC

No

Network Address Usage metrics

Disabled

Block Public Access

 Off

DHCP option set

[dopt-0d0ca69835d7ef215](#)

IPv4 CIDR

10.0.0.0/16

Route 53 Resolver DNS Firewall rule groups

–

DNS hostnames

Disabled


Main route table

[rtb-0a6cedfa1b41fa28b](#)

IPv6 pool

–

Owner ID

 682033483157

2. Created Public subnet with 256 IP's.

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.

Public-Subnet

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.

US East (N. Virginia) / us-east-1a ▾

IPv4 VPC CIDR block [Info](#)

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

10.0.0.0/16 ▾

IPv4 subnet CIDR block

10.0.0.0/24

256 IPs

▼ Tags - optional

Key

Q Name X

Value - optional

Q Public-Subnet X

Remove

[Add another](#)

3. Created a Private subnet with 256 IP's

VPC > Subnets > Create subnet

① ② ⓘ

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.

Private-Subnet

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.

US East (N. Virginia) / us-east-1a ▾

IPv4 VPC CIDR block [Info](#)

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

10.0.0.0/16 ▾

IPv4 subnet CIDR block

10.0.1.0/24

256 IPs

▼ Tags - optional

Key

Q Name X

Value - optional

Q Private-Subnet X

Remove

[Add another](#)

4. Created a Internet Gateway and attached it to VPC.

Internet gateway igw-0c14bef4bb97aea92 successfully attached to vpc-06766d94732092e7f

igw-0c14bef4bb97aea92 / Guvi-Igw

Actions

Details Info

Internet gateway ID

igw-0c14bef4bb97aea92

State

Attached

VPC ID

vpc-06766d94732092e7f | Guvi-VPC

Owner

682033483157

5. Associated Public subnet with public-RT

You have successfully updated subnet associations for rtb-015d5b788e8a42ebd / Public-RT.

rtb-015d5b788e8a42ebd / Public-RT

Actions

Details Info

Route table ID

rtb-015d5b788e8a42ebd

VPC

vpc-06766d94732092e7f | Guvi-VPC

Main

No

Owner ID

682033483157

Explicit subnet associations

subnet-0cc869f044deb6a49 / Public-Subnet

Edge associations

-

6. Associated Private subnet with private-RT

You have successfully updated subnet associations for rtb-0db9fcf1e4eb4b695 / Private-RT.

Route tables (4) Info

Last updated less than a minute ago

Actions

Create route table

Find resources by attribute or tag

	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-0b660561b77f5bac5	-	-	Yes	vpc-0fa93b86ed94960e3
<input type="checkbox"/>	-	rtb-0a6cedfa1b41fa28b	-	-	Yes	vpc-06766d94732092e7f G
<input type="checkbox"/>	Public-RT	rtb-015d5b788e8a42ebd	subnet-0cc869f044deb6a...	-	No	vpc-06766d94732092e7f G
<input type="checkbox"/>	Private-RT	rtb-0db9fcf1e4eb4b695	subnet-09f27c81c78e9c...	-	No	vpc-06766d94732092e7f G

7. Created a EC2 Instance with the created VPC and configured with Public subnet.

▼ Network settings Info

VPC - required Info

vpc-06766d94732092e7f (Guvi-VPC)

Subnet Info

subnet-0cc869f044deb6a49 Public-Subnet

Auto-assign public IP Info

Disable

Firewall (security groups) Info

Create security group

Select existing security group

Security group name - required

launch-wizard-6

Description - required Info

launch-wizard-6 created 2024-12-29T07:08:59.588Z

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...read more

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 IP add...












Cancel


Launch instance

8. Instance is Up and Running.

Instance summary for i-01a15666104133937 (Guvi-VPC-Task) Info

Updated less than a minute ago

Instance ID  i-01a15666104133937	Public IPv4 address -	Private IPv4 addresses  10.0.0.183
IPv6 address -	Instance state  Running	Public IPv4 DNS -
Hostname type IP name: ip-10-0-0-183.ec2.internal	Private IP DNS name (IPv4 only)  ip-10-0-0-183.ec2.internal	Elastic IP addresses -
Answer private resource DNS name -	Instance type t2.micro	AWS Compute Optimizer finding  Opt-in to AWS Compute Optimizer for recommendations. Learn more 
Auto-assigned IP address -	VPC ID  vpc-06766d94732092e7f (Guvi-VPC) 	Auto Scaling Group name -
IAM Role -	Subnet ID  subnet-0cc869f044deb6a49 (Public-Subnet) 	Managed false
IMDSv2 Required	Instance ARN  arn:aws:ec2:us-east-1:682033483157:instance/i-01a15666104133937	
Operator -		

 Connect Instance state ▼ Actions ▼