

AWS TASK 2

Created a vpc

The screenshot shows the AWS VPC console for the 'us-east-1' region. A green notification banner at the top states: 'You successfully created vpc-0f6a2113ed93b7490 / Guvi-vpc'. The main heading is 'vpc-0f6a2113ed93b7490 / Guvi-vpc'. The 'Details' tab is active, displaying the following information:

Property	Value
VPC ID	vpc-0f6a2113ed93b7490
State	Available
Block Public Access	Off
DNS hostnames	Disabled
DNS resolution	Enabled
Tenancy	default
DHCP option set	dopt-0cc7f412947771f55
Main route table	rtb-0beed09a1d333ad02
Main network ACL	acl-068e3d690431e583c
Default VPC	No
IPv4 CIDR	192.0.0.0/22
IPv6 CIDR (Network border group)	-
Route 53 Resolver DNS Firewall rule groups	-
Network Address Usage metrics	Disabled
Owner ID	699475921801

Below the details, there are tabs for 'Resource map', 'CIDRs', 'Flow logs', 'Tags', and 'Integrations'. The left sidebar shows the 'VPC dashboard' with a filter by VPC and a list of VPC resources including Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, and NAT gateways.

Create a Internet gateway

The screenshot shows the AWS VPC console for the 'us-east-1' region. A green notification banner at the top states: 'The following internet gateway was created: igw-0f2bf60523281d11f - Guvi-IGW. You can now attach to a VPC to enable the VPC to communicate with the internet.' The main heading is 'igw-0f2bf60523281d11f / Guvi-IGW'. The 'Details' tab is active, displaying the following information:

Property	Value
Internet gateway ID	igw-0f2bf60523281d11f
State	Detached
VPC ID	-
Owner	699475921801

Below the details, there is a 'Tags' section with a search bar and a table showing the tag 'Name' with the value 'Guvi-IGW'. The left sidebar shows the 'VPC dashboard' with a filter by VPC and a list of VPC resources including Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, and NAT gateways.

Attached the Internet gateway to the vpc

The screenshot shows the AWS VPC console interface. A green notification banner at the top states: "Internet gateway igw-0f2bf60523281d11f successfully attached to vpc-0f6a2113ed93b7490". The main heading is "igw-0f2bf60523281d11f / Guvi-IGW".

Details

Internet gateway ID	State	VPC ID	Owner
igw-0f2bf60523281d11f	Attached	vpc-0f6a2113ed93b7490 Guvi-vpc	699475921801

Tags

Key	Value
Name	Guvi-IGW

The left sidebar shows the VPC dashboard with a filter by VPC. The "Virtual private cloud" section is expanded, showing "Your VPCs", "Subnets", "Route tables", "Internet gateways", "Egress-only internet gateways", "Carrier gateways", "DHCP option sets", "Elastic IPs", "Managed prefix lists", and "NAT gateways".

Create two subnets with 256 ip address capacity

The screenshot shows the AWS VPC console interface for subnet-02e828419cec94c66. The main heading is "subnet-02e828419cec94c66 / guvi subnet 1".

Details

Subnet ID	Subnet ARN	State	Block Public Access
subnet-02e828419cec94c66	arn:aws:ec2:us-east-1:699475921801:subnet/subnet-02e828419cec94c66	Available	Off

IPv4 CIDR
192.0.0.0/24

Availability Zone
us-east-1c

Route table
rtb-0beed09a1d535ad02

Auto-assign IPv6 address
No

IPv4 CIDR reservations
-

Resource name DNS A record
Disabled

Available IPv4 addresses
251

Availability Zone ID
use1-az1

Network ACL
acl-068e3d690431e583c

Auto-assign customer-owned IPv4 address
No

IPv6 CIDR reservations
-

Network border group
us-east-1

Default subnet
No

Customer-owned IPv4 pool
-

IPv6-only
No

DNS64
Disabled

VPC
vpc-0f6a2113ed93b7490 | Guvi-vpc

Auto-assign public IPv4 address
No

Outpost ID
-

Hostname type
IP name

Owner
-

The screenshot shows the AWS VPC console interface for subnet-08f0ae0b93cff42b9. The main heading is "subnet-08f0ae0b93cff42b9 / guvi subnet 2".

Details

Subnet ID	Subnet ARN	State	Block Public Access
subnet-08f0ae0b93cff42b9	arn:aws:ec2:us-east-1:699475921801:subnet/subnet-08f0ae0b93cff42b9	Available	Off

IPv4 CIDR
192.0.1.0/24

Availability Zone
us-east-1c

Route table
rtb-0beed09a1d535ad02

Auto-assign IPv6 address
No

IPv4 CIDR reservations
-

Resource name DNS A record
Disabled

Available IPv4 addresses
251

Availability Zone ID
use1-az1

Network ACL
acl-068e3d690431e583c

Auto-assign customer-owned IPv4 address
No

IPv6 CIDR reservations
-

Network border group
us-east-1

Default subnet
No

Customer-owned IPv4 pool
-

IPv6-only
No

DNS64
Disabled

VPC
vpc-0f6a2113ed93b7490 | Guvi-vpc

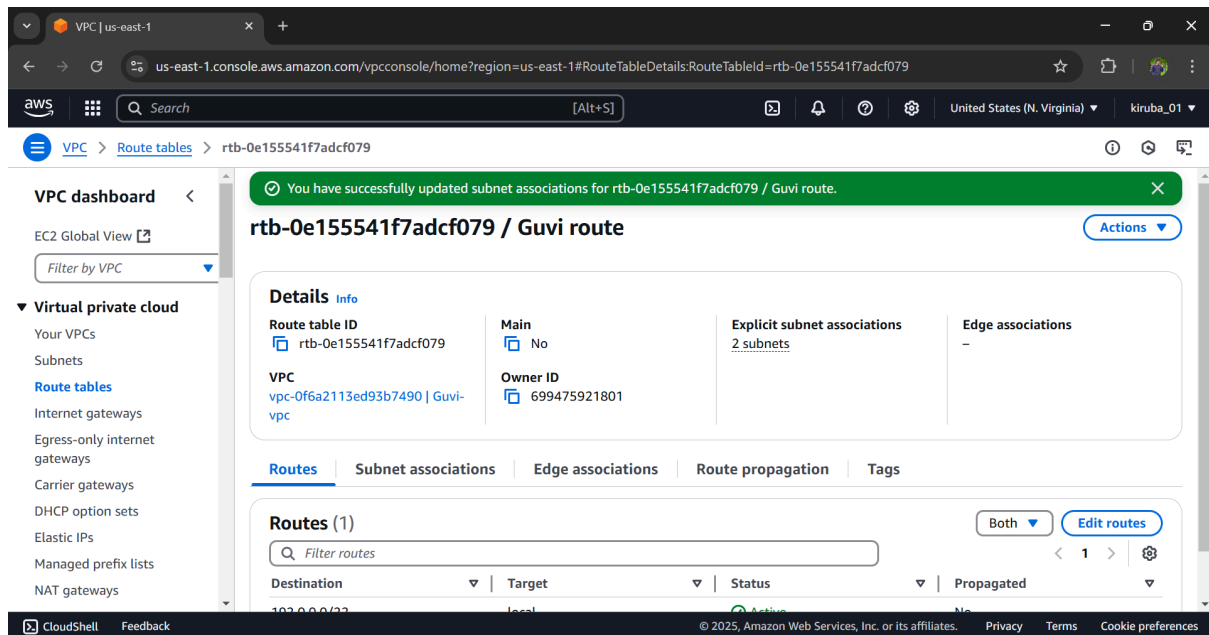
Auto-assign public IPv4 address
No

Outpost ID
-

Hostname type
IP name

Owner
-

And created routetable connecting with the internet and associated everything with the vpc



And finally created a ec2 instance with the vpc created already

