

# Creating Vpc

The screenshot shows the AWS Management Console interface for VPCs. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC services. The main content area displays a table of VPCs with columns: Name, Env, VPC ID, State, IPv4 CIDR, Main route table, Main network ACL, and Default endpoint. The VPC 'my01' is selected, and its details are shown below the table. The details include VPC ID, State, DNS hostnames, DNS resolution, Tenancy, DHCP option set, Main route table, Main network ACL, IPv4 CIDR, IPv6 pool, Network Address Usage metrics, Route 53 Resolver DNS Firewall rule groups, and Owner ID.

Name	Env	VPC ID	State	IPv4 CIDR	Main route table	Main network ACL	Default endpoint
my01	Dev	vpc-0ba9acbea6aab4ce8	Available	10.10.0.0/16	rtb-039464b728f254abd	acl-06a5cc52d5f25459f	No

**vpc-0ba9acbea6aab4ce8 / my01**

**Details**

VPC ID	State	DNS hostnames	DNS resolution
vpc-0ba9acbea6aab4ce8	Available	Disabled	Enabled
Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-0250b1731028f8333	rtb-039464b728f254abd	acl-06a5cc52d5f25459f
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR (Network border group)
No	10.10.0.0/16	-	-
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	-	537024443363	

# Creating Subnets

The screenshot shows the AWS Management Console interface for Subnets. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC services. The main content area displays a table of subnets with columns: Name, Subnet ID, State, VPC, IPv4 CIDR, and Available IPv4 addresses. The subnets listed are mysub01 through mysub06, all in an 'Available' state. Below the table, there is a section for 'Select a subnet'.

Name	Subnet ID	State	VPC	IPv4 CIDR	Available IPv4 addresses
mysub03	subnet-0c63c973270db923c	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.0.128/26	59
mysub02	subnet-0c1797a76eb13e699	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.0.64/26	59
mysub06	subnet-01768a188bcd302af	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.1.64/26	59
mysub05	subnet-0490a5b475531e95e	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.1.0/26	59
mysub04	subnet-0eb21c3786e65a514	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.0.192/26	59
mysub01	subnet-09432ddb3a7f02eab	Available	vpc-0ba9acbea6aab4ce8   my01	10.10.0.0/26	59

# Creating Route Table

Route tables (1/2) Info

Filter route tables

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Owner ID
-	rtb-039464b728f254abd	-	-	Yes	vpc-0ba9acbea6aab4ce8   my01	537024443...
rt-01	rtb-0fe88c38b3fc5f8f4	-	-	No	vpc-0ba9acbea6aab4ce8   my01	537024443...

rtb-0fe88c38b3fc5f8f4 / rt-01

Details

Route table ID: rtb-0fe88c38b3fc5f8f4

Main: No

Explicit subnet associations: -

Edge associations: -

VPC: vpc-0ba9acbea6aab4ce8 | my01

Owner ID: 537024443363

Route tables (1/2) Info

Filter route tables

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Owner ID
-	rtb-039464b728f254abd	-	-	Yes	vpc-0ba9acbea6aab4ce8   my01	537024443...
rt-01	rtb-0fe88c38b3fc5f8f4	-	-	No	vpc-0ba9acbea6aab4ce8   my01	537024443...

rtb-0fe88c38b3fc5f8f4 / rt-01

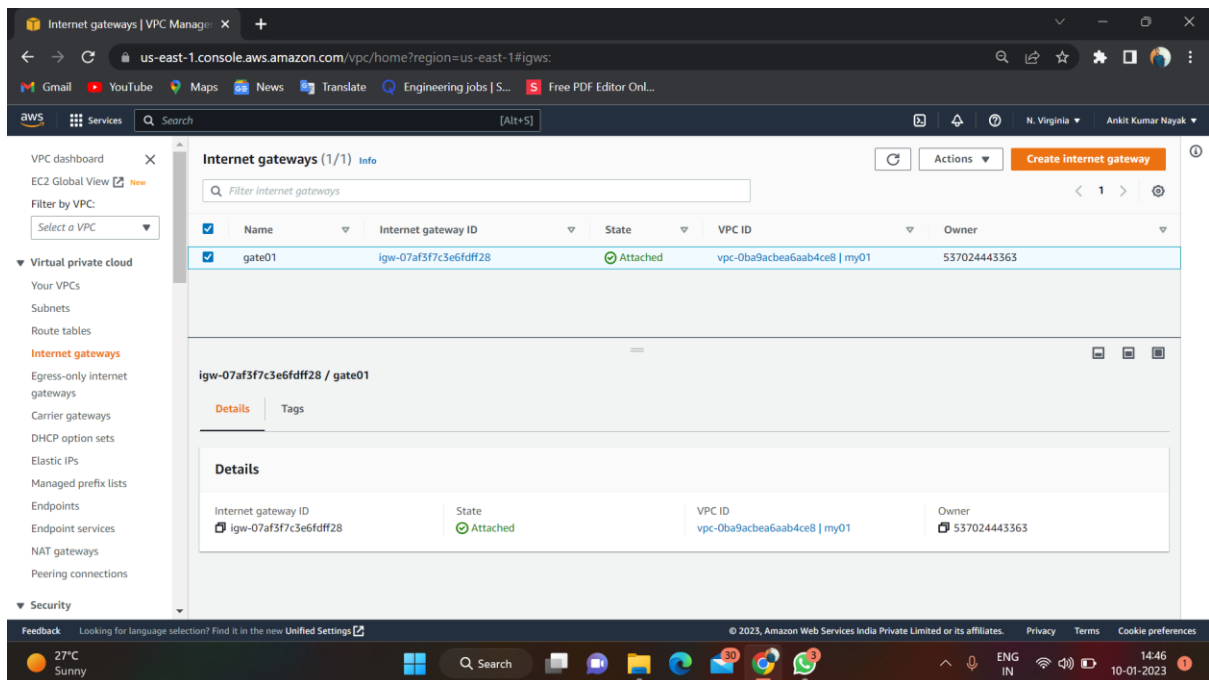
Details Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

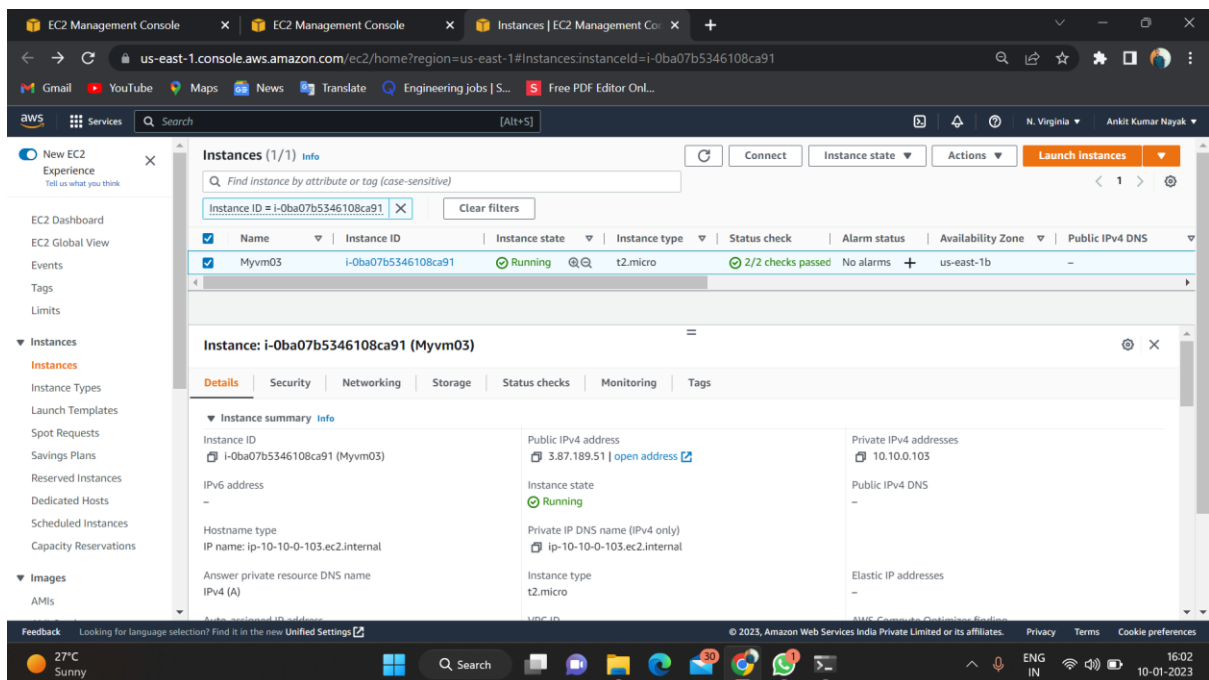
Filter routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-07af3f7c3e6f0ff28	Active	No
10.10.0.0/16	local	Active	No

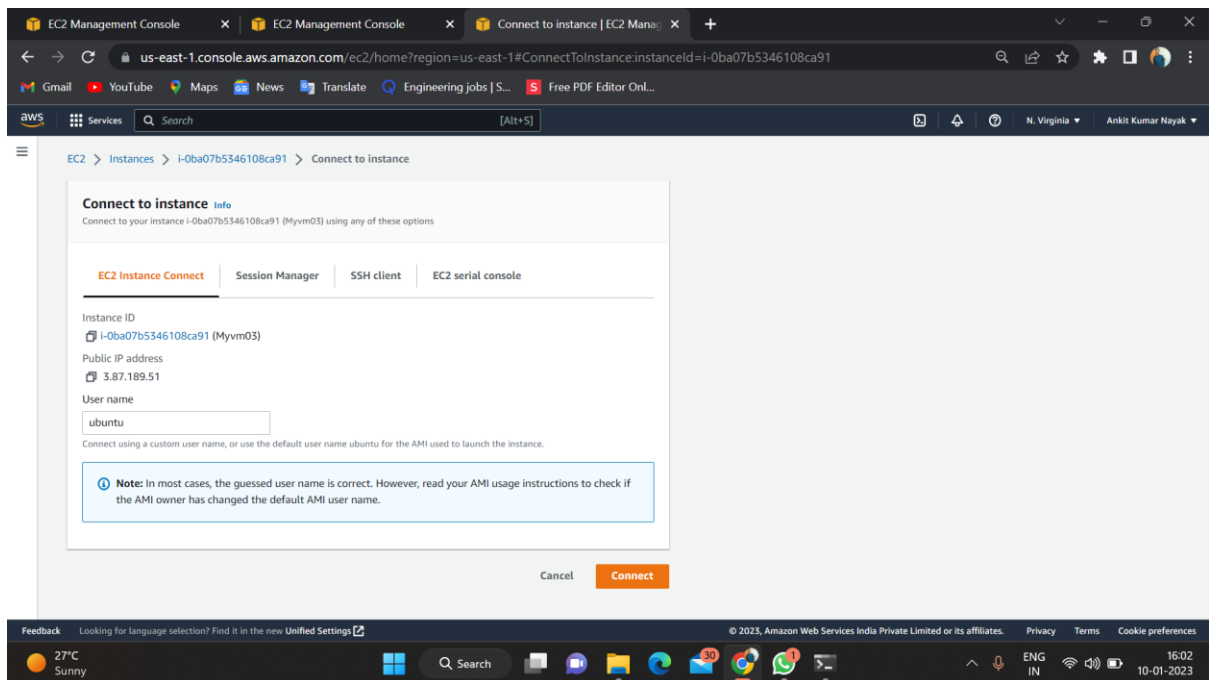
# Creating Gateway



# Instance



# Connect to Instance



# Output for Ubuntu

