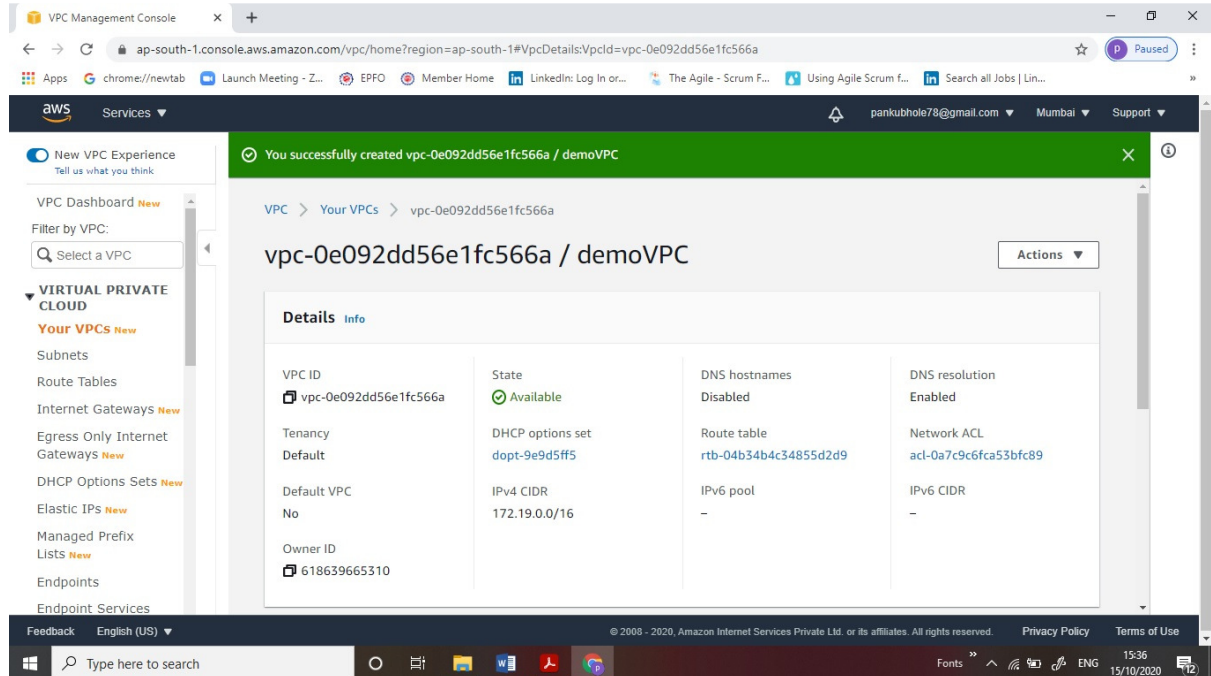
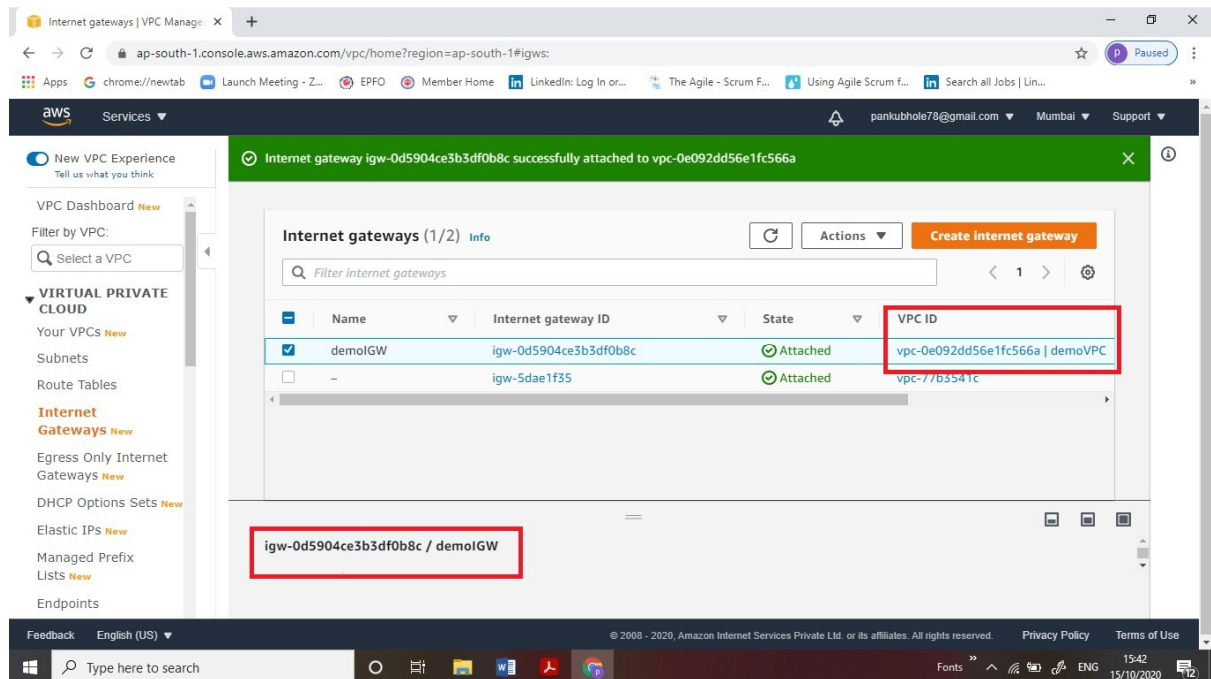


PROJECT 2: Creating an EC2 instance in custom VPC

Task1: Create a VPC



Task 2: Create an Internet gateway



Task3: Create a route table

The screenshot shows the AWS Management Console for the 'Route Tables' page. The left sidebar has 'Route Tables' highlighted. The main area shows a list of route tables, with 'Route Table: rtb-0baba5fb392c4fd33' selected. The 'Routes' tab is active, showing a table of routes. The route for destination '0.0.0.0/0' is highlighted.

Destination	Target	Status	Propagated
172.19.0.0/16	local	active	No
0.0.0.0/0	igw-0d5904ce3b3df0b8c	active	No

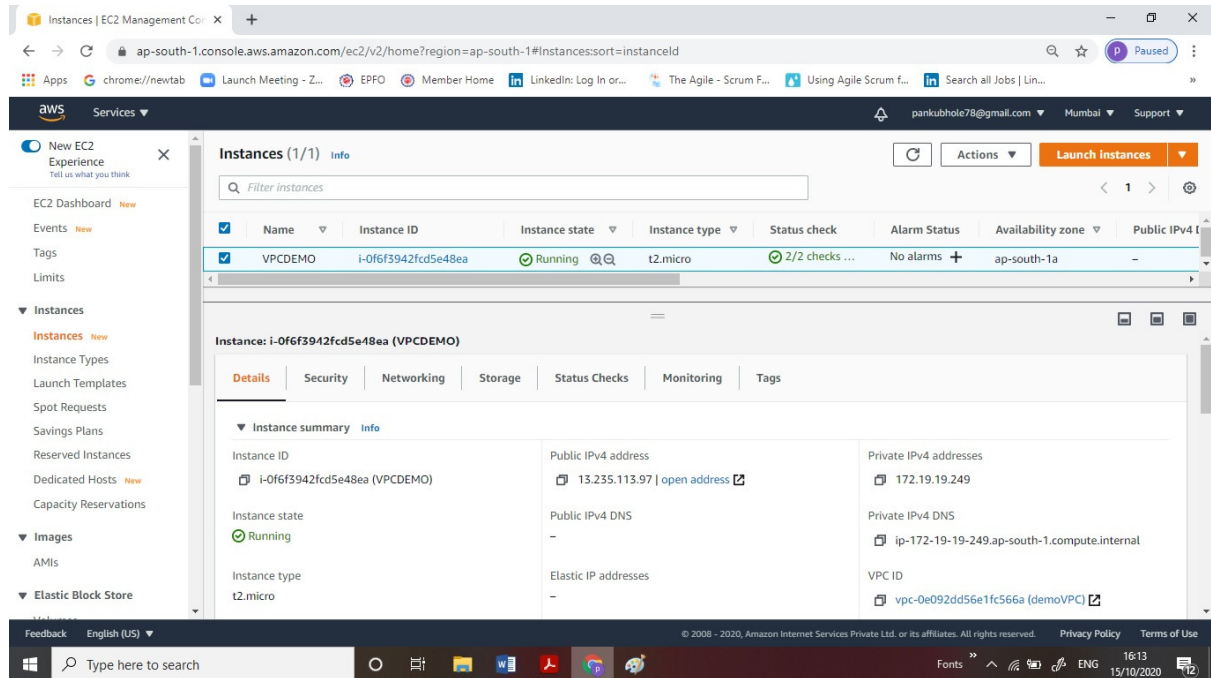
Task4: Create a subnet

The screenshot shows the AWS Management Console for the 'Subnets' page. The left sidebar has 'Subnets' highlighted. The main area shows a list of subnets, with 'demosubnet1' selected. The 'Description' tab is active, showing details for 'subnet-09427074db0897556'.

Name	Subnet ID	State	VPC	IPv4 CIDR	Available IPv4	IPv6 CIDR
demosubnet1	subnet-09427074db0897556	available	vpc-0e092dd56e1fc566a demoVPC	172.19.19.0/24	251	-
	subnet-468d093d	available	vpc-77b3541c	172.31.16.0/20	4091	-
	subnet-9c4c3ed0	available	vpc-77b3541c	172.31.0.0/20	4091	-
	subnet-ce9b96a6	available	vpc-77b3541c	172.31.32.0/20	4091	-

Property	Value
Subnet ID	subnet-09427074db0897556
VPC	vpc-0e092dd56e1fc566a demoVPC
State	available
Available IPv4 Addresses	251
Availability Zone	ap-south-1a (aps1-az1)
Network ACL	acl-0a7c9c6fca53bfc89
Auto-assign public IPv4 address	Yes
Customer-owned IPv4 pool	-
IPv4 CIDR	172.19.19.0/24
IPv6 CIDR	-
Route Table	rtb-0baba5fb392c4fd33 demoroute
Default subnet	No
Auto-assign customer-owned IPv4 address	No
Auto-assign IPv6 address	No

Task5: Create an EC2 in custom vpc



Task 6: Check ipconfig in VM command prompt.

