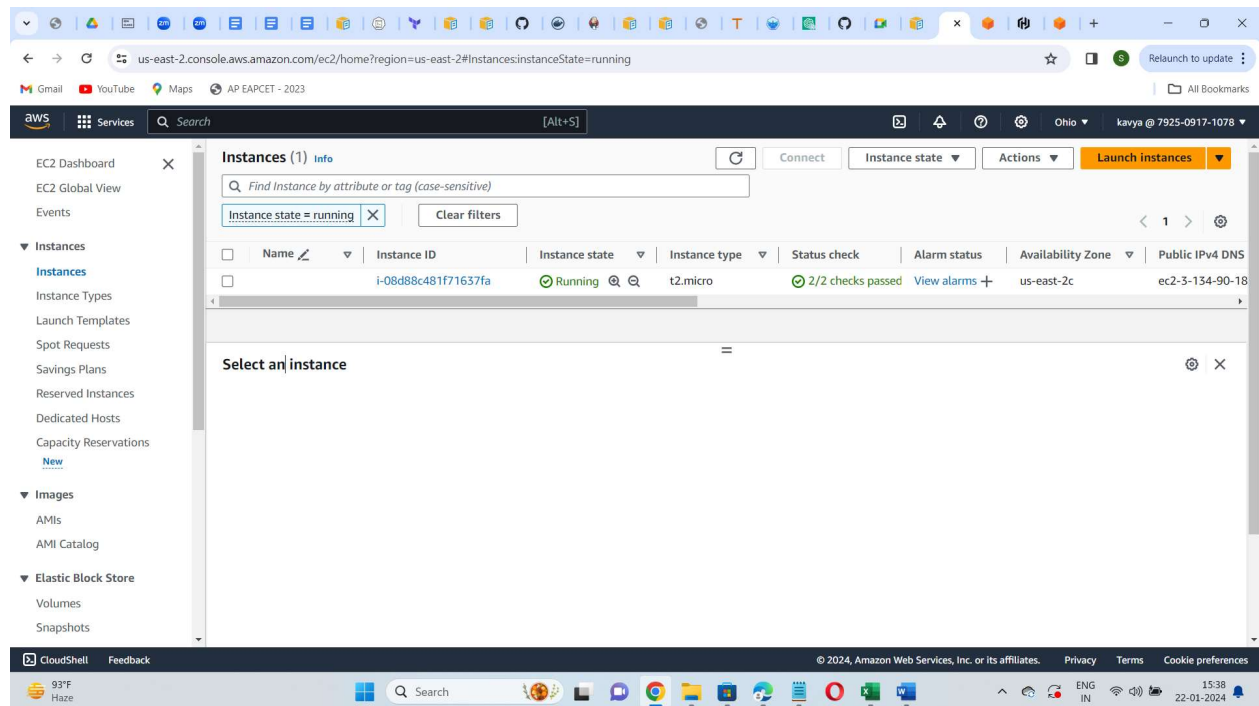
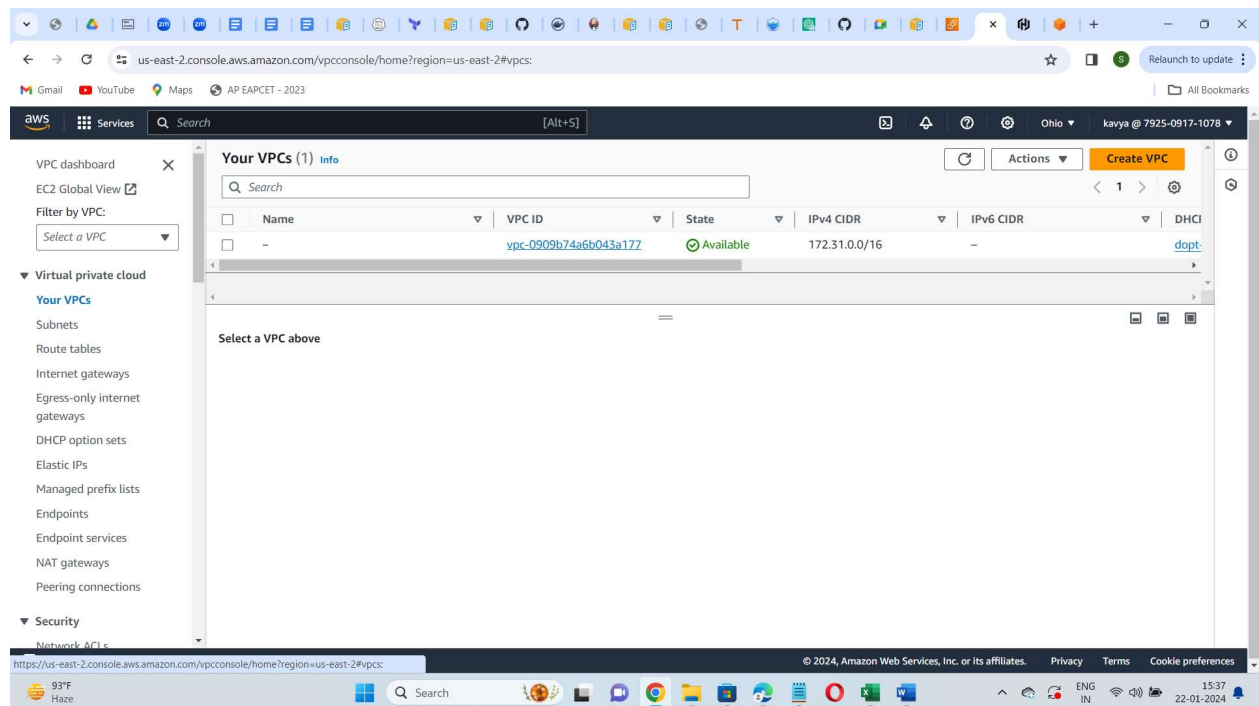


Launch an ec2 instance under a default subnet and VPC using terraform template

The ec2 instances



The default VPC assigned to the ec2



The default SUBNET assigned to the ec2

The screenshot shows the AWS VPC console for the us-east-2 region. The left sidebar lists various VPC services, with 'Subnets' selected under 'Virtual private cloud'. The main panel displays a table of subnets for the VPC 'vpc-0909b74a6b043a177'. The table shows three subnets, all in an 'Available' state. The first subnet, 'subnet-00874cfd2a79cc52', is highlighted, indicating it is the default subnet assigned to the EC2 instance.

| Name | Subnet ID | State | VPC | IPv4 CIDR |
|------|--------------------------|-----------|-----------------------|----------------|
| - | subnet-00874cfd2a79cc52 | Available | vpc-0909b74a6b043a177 | 172.31.32.0/20 |
| - | subnet-0ae7b3745a057c1ee | Available | vpc-0909b74a6b043a177 | 172.31.0.0/20 |
| - | subnet-021469c1c3f47a212 | Available | vpc-0909b74a6b043a177 | 172.31.16.0/20 |

The below picture shows that default VPC and SUBNET

The screenshot shows the AWS EC2 console for the us-east-2 region. The left sidebar lists various EC2 services, with 'Instances' selected. The main panel displays a table of instances for the state 'running'. The first instance, 'i-08d88c481f71637fa', is highlighted, indicating it is the default instance assigned to the EC2 instance. The instance details panel shows the instance is running on a 't2.micro' instance type, with an auto-assigned IP address of '3.134.90.184' and a public IPv4 DNS of 'ec2-3-134-90-18'. The instance is associated with the VPC 'vpc-0909b74a6b043a177' and the subnet 'subnet-00874cfd2a79cc52'.

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS |
|------|---------------------|----------------|---------------|-------------------|---------------|-------------------|-----------------|
| - | i-08d88c481f71637fa | Running | t2.micro | 2/2 checks passed | View alarms + | us-east-2c | ec2-3-134-90-18 |

Instance: i-08d88c481f71637fa

Auto-assigned IP address: 3.134.90.184 [Public IP]

IAM Role: -

IMDSv2: Optional

EC2 recommends setting IMDSv2 to required | Learn more

Instance type: t2.micro

VPC ID: vpc-0909b74a6b043a177

Subnet ID: subnet-00874cfd2a79cc52

AWS Compute Optimizer finding: Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Auto Scaling Group name: -