**What is EC2?**

ELASTIC COMPUTE CLOUD

1. It is a service and it belongs to the compute domain of AWS.

2. Provide secure and resizable compute capacity in cloud (developers ease).

3. As per requirement we resize it.

Features of EC2

• Reliable - Amazon EC2 offers a highly reliable environment where replacement of instances is rapidly possible. Service Level Agreement commitment is 99.9% availability for each Amazon EC2 region.

• Designed for Amazon Web Services - Amazon EC2 works fine with Amazon services like Amazon S3, Amazon RDS, Amazon DynamoDB, and Amazon SQS. It provides a complete solution for computing, query processing, and storage across a wide range of applications.

• Secure - Amazon EC2 works in Amazon Virtual Private Cloud to provide a secure and robust network to resources.

• Flexible Tools - Amazon EC2 provides the tools for developers and system administrators to build failure applications and isolate themselves from common failure situations.

• Inexpensive - Amazon EC2 wants us to pay only for the resources that we use. It includes multiple purchase plans such as On-Demand Instances, Reserved Instances, Spot Instances, etc. which we can choose as per our requirement.