Interacting with AWS

AWS Console	Web User Interface
AWS CLI	Command Line Interface
AWS SDK	Software Development Kit

EC2 Configuration

Instance Type	CPU, Memory, and Storage
Root Device Type	Instance Store, or Elastic Block Storage
Amazon Machine Image (AMI)	Software Image
Purchase Option	On Demand, Reserved or Spot

EC2 Reserved Options

All Up Front

Partial Up Front

No Up Front

AWS SDK Language Support

C++

Go

Java

JavaScript

.NET

Node.js

PHP

Python

Ruby

AWS Cloud Formation Templates

YAML

JSON

AWS OpsWorks Options

Chef

Puppet

Elastic Beanstalk Platforms

Docker

Go

Java

.NET

Node.js

PHP

Python

Ruby

Elastic Load Balancing Types

Application Load Balancer (ALB)

Network Load Balancer (NLB)

Classic Load Balancer

Amazon S3 File Storage Classes

S3 Standard	Frequently accessed data.
S3 Intelligent Tiering	Moves data based on usage.
S3 Standard Infrequent Access	Infrequent data saved stored in multiple availability zones.
S3 One Zone Infrequent Access	Infrequent data saved in one availability zone

Amazon Relational Database Service (RDS)

Amazon Aurora

MariaDB

MySQL

Oracle

PostgrSQL

SQL Server

Compute Services

Amazon EC2

AWS Elastic Beanstalk

AWS Lamda

Content and Network Services

Amazon Route 53

Amazon VPC

AWS Direct Connect

Amazon API Gateway

Amazon CloudFront

AWS Global Accelerator

Elastic Load Balancing

File Storage

Amazon S3

S3 Glacier and S3 Glacier Deep Archive

Amazon Elastic Block Store (EBS)

Amazon Elastic File System (EFS)

AWS Snowball

AWS Snowmobile

Messaging and Workflow

Amazon Simple Notification Service (SNS)

Amazon Simple Queue Service (SQS)

AWS Step Functions

Management

AWS CloudTrail

AWS CloudFormation

AWS OpsWorks

Amazon CloudWatch

AWS Config

AWS Systems Manager

AWS Control Tower

Database

Amazon Relational Database Service (RDS)

Amazon Aurora and Aurora Serverless for RDS

Amazon DynamoDB

Amazon Redshift

Amazon Redshift Spectrum

Amazon Elasticache

AWS Database Migration Service (DMS)