

# Cloud Computing Assignment-1

Page

Date

Q1] EC2 → Amazon Elastic Compute Cloud is a web service that provides secure resizable compute capacity in cloud.

It is designed to make web scale cloud computing easier for developers. Amazon EC2 Single web Service Interface allows you to configure Capacity

Q2] Elastic Beanstalk → AWS Elastic Beanstalk is an easy to use service for deploying and scaling web applications and services developed with Java, .NET, PHP, Node.js, Python, Ruby, Go and Docker on familiar server

Q3] IAM - AWS Identity and Access Management enables you to manage access to AWS Services and resources securely using IAM

Q4] ELB → Elastic Load Balancing automatically distributes incoming application traffic across multiple targets. Such as a Amazon EC2, Instance and Virtual apps.



- Q5] S3 → Amazon Simple Storage Service is an object storage service that offers industry-leading scalability, security. Customers of all size and industries can use it to store and protect any amount of data.
- Q6] EBS: Amazon Elastic Block Store is an easy to use high performance, block storage service designed for use with Amazon Elastic Compute Cloud for both throughput and transaction intensive workloads at any scale.
- Q7] FSx for Lustre → Amazon FSx for Lustre is a fully managed service that provides cost effective high performance, scalable storage for compute workloads. It provides multiple deployment configurations and storage types to optimize cost.
- Q8] Glacier → Amazon S3 Glacier is a secure, durable and extremely low cost Amazon S3 storage class for data archiving and long term backup with S3 Glacier customers can store their data effectively for months.



Q1) Sage maker → Amazon SageMaker is a fully managed machine learning service with Sage maker scientists and developer can quickly add easily built and train ML models and then directly deploy them into production ready hosted environments

Q2) Recognition → Amazon Rekognition is easy to add image and video analysis to your application using proven highly scalable, DL technology that requires no ML expertise to use with Amazon Rekognition

Q3) SNS → Amazon Simple Notification Service is a fully managed messaging service for both app-to-app and App to person communication

Q4) SES → Amazon Simple Email Service is a cost effective flexible and scalable email service that enables developers to send email from within any application. With SES you can send email securely globally and at scale



Q13] Lambda - AWS Lambda is a Serverless Compute Service that lets you run code without provisioning or managing servers, creating workload aware cluster scaling logic manually with Lambda.

Q14] RDS - Amazon Relational Database Service (RDS) makes it easy to setup, operate and scale a relational database in the cloud. It provides cost-efficient and resizable capacity which automates time consuming administration tasks such as hardware provisioning, database setup, patching and backups.

Q15] Cloud9 - AWS Cloud9 is a cloud based integrated development environment (IDE) that lets you write, run and debug your code with just a browser. It includes a code editor, debugger and terminal. Cloud9 comes prepackaged with essential tools for popular programming languages including JS, Python etc.



16) Cognito - Amazon Cognito lets you add user Signup, sign in and access control to your web and mobile app quickly & easily.

17) VPC → A Amazon Virtual Private Cloud is a service that lets you launch AWS resources into a logically isolated virtual network.

18) Route 53 → Amazon Route 53 is a highly available and scalable cloud domain name system web service. It is designed to give development and business an extremely reliable and cost effective way to route end user to internet application by translating names like www.g.com