

NAME : AMAN DEVIKANDAM

Roll = 07

MCA 3

CLOUD COMPUTING ASSIGNMENT 1

1) EC2 - Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud.

It is designed to make web scale cloud computing easier for developers. Amazon EC2 simple web service interface allow you to configure capacity with minimal function.

2) 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 services such as Apache, Nginx, Passenger and IIS.

3) IAM

Aws Identity and Access Management (IAM) enable you to Manage access to Aws Service and resource Security using IAM.

You Can Create and Manage it. As Users and groups and uses Permission to allow and deny their access to Aws resource.

4) ELB

Elastic Load Balancing automatically distributes incoming application traffic across multiple targets,

Such as Amazon EC2, Instances, Container, IP address, Lambda function and Virtual appliance

5) S3

Amazon Simple Storage Service (Amazon S3) is an object Storage service that offers industry leading Scalability, data availability, Security and performance.

6) EBS

Amazon Elastic Block Storage (EBS) is an easy to use high performance, block storage service designed for use with Amazon Elastic Compute Cloud (EC2) for both throughput and transaction intensive workloads at any scale.

7) FSx for Lustre

Amazon FSx for Lustre is a fully managed service that provides cost effective, high performance, scalable storage for compute workload.

8) 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 cost effectively for years or even decades.

7) Sage Maker

Amazon SageMaker is a fully managed machine learning service with Sage maker, data Scientist and developer can quickly and easily build and train machine learning Modules and then directly deploy them into production ready hosted environment.

10) Rekognition

Amazon Rekognition makes it easy to add image and video analysis to your application using Proven, highly scalable, deep learning technology that requires no machine learning technology to use with Amazon Rekognition.

11) SNS

Amazon Simple Notification Service (SNS) is a fully managed messaging service for both application to application (A2A) and application to person (A2P) communication.

2) SES

Amazon Simple Email Service (SES) is a cost effective flexible and scalable email service that enables developers to send mail from within any application.

13) Lambda

AWS Lambda is a serverless compute service that lets you run code without provisioning or managing servers, creating workload aware clusters, scaling logic, maintaining event with Lambda.

14) RDS

Amazon Relational Database Service (RDS) makes it easy to setup, operate and scale a relational database in the cloud.

15) Cloud9

AWS Cloud9 is a cloud based integrated development environment IDE that lets you write, run & debug your code with just a browser.

It includes a Code editor, debugger and terminal.

16) Cognito

Amazon Cognito lets you add user Signup, Sign In and access Control to your web & mobile app quickly and easily.

17) VPC

Amazon Virtual Private cloud is a service that lets you launch AWS resources into logically isolated Virtual Network.

18) Route 53

Amazon Route 53 is a highly available and Scalable cloud domain name system (DNS) web service. It is designed to give development and business an extremely reliable and cost effective.