

Program ment

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mca-3

Assignment-2

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 allows 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 source code developed with Java, .NET, PHP, Node.js, Python, Ruby, Go and Docker on familiar servers such as Apache, Nginx, Passenger and IIS.

3) IAM → AWS Identity and Access Management (IAM) enables you to manage access to AWS services and resources securely using IAM.

You can create and manage AWS users and groups and use permission to allow or deny their access to AWS resource.

4) ELB → Elastic Load Balancing automatically distributes incoming application traffic across multiple targets.

Such as Amazon EC2, instances, containers, IP address, Lambda functions and virtual applications.

5) S3 → Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry leading scalability, data availability, security and performance.

Customer of all size and industries can use it to store and protect any amount of data.

6) EBS → Amazon Elastic Block Store (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.

eg. Big data analytic engines deployed on Amazon EBS.



- 4) FSx for Lustre → Amazon FSx for Lustre is a fully managed service that provides cost effective, high performance, scalable storage for compute workloads.

If provide multiple deployment options and storage types to optimise cost and performance of your workload requirement.

- 8) Glacier → Amazon S3 Glacier is a secure, scalable, durable and extremely low cost Amazon S3 storage class offer for data archiving and long term backup with S3 Glacier, customers can store their data cost effectively for months, years or decades.

- 9) Sage maker → Amazon SageMaker is a fully managed machine learning service with Sage maker, data Scientists and developers can quickly and easily build and train machine learning models 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 proper, highly scalable, deep learning technology that requires no machine learning expertise to use with Amazon Rekognition.

you can identify objects, people, scenes, activities Image and video

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

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

with SES you can send email securely globally and at scale.

13) Lambda → AWS Lambda is serverless compute service that lets you run code without provisioning or managing servers.



creating workload, queue, cluster  
scaling logic, maintaining event,  
integrations with lambda.

14) RDS → Amazon relational database  
service (RDS) makes it easy to  
setup, operate and scale a  
relational database in the cloud.

It provides a cost effective and  
resizable capacity with automating  
time consuming administration  
tasks such as hardware provision,  
database setup, patching and  
backups.

15) 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  
JavaScript, Python, PHP etc.

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

17) VPC → Amazon Virtual Private Cloud is a tool 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 businesses an extremely reliable and cost effective way to route end users to Internet application by translating names like WWW.Example.Corn.