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MCA - 3

CLOUD COMPUTING

Assignment - 1

(Q-1) a) EC₂ :- Amazon elastic compute cloud 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.

b) Elastic Beanstalk:- AWS elastic Beanstalk is an easy-to-use service for developer scaling web application services. Developed w/ Java, .NET, PHP, Node.js, Python, Ruby, Go & Docker.

c) IAM :- AWS Identity & Access Management enables you to manage access to AWS services & resources securely. Using IAM, you can create & manage AWS users to allow & deny their access to AWS resources.

d) ELB :- Elastic Load Balancing automatically distributes incoming application traffic such as EC2 instances, containers,

(c) ELB :- Elastic Load Balancing automatically distributes incoming application traffic.

(d) S3 :- Amazon Simple Storage Service is an object storage service that offers industry leading scalability.

(e) EBS :- Amazon Elastic Store is an easy to use high performance block storage service.

(f) Glacier :- Amazon S3 Glacier is a secure durable & extremely low cost Amazon S3 storage class for data archiving & long term backup.

(g) Sage Maker :- It is a fully managed machine learning service with sage maker data scientist & developer can quickly & easily build & train machine learning models & then directly deploy them to production.

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c) Rekognition :- make it easy to add image & video analysis to your application using proven highly scalable deep learning tech.

(k) SNS :- Simple Notification service is a fully managed messaging service for both Application to application (A2A) & Application to Person (A2P) communication

(l) SES :- Simple Email Service is a cost effective flexible & scalable email service that enables developers to send email from within their application

(m) Lambda :- is a Serverless complete service that lets you run code without provisioning or managing service, creating workload on clusters, scaling logic

(n) RDS :- Relational Database Service makes it easy to setup, operate & scale a relational database in the cloud

(e) Cloud 9! :- is a cloud based IDE that lets you write & run & debug your code with just a browser.

(f) Cognito :- Lets you & user sign up, sign in & access control to your web & mobile app & quickly & easily.

(g) VPC :- Virtual private cloud is a service that lets you launch AWS resources in a logically isolated virtual network that you define.

(h) Route 53 :- is a highly available & scalable cloud domain name system. Web services.