Name :- Brijen G. Lad

RollNo :- 12

class :- MCA-3

Subject :- 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 by to make web-scale cloud computing easier for developers. Amazon EC2 simple web service Interface allows you to Configure cPacing with minimum function.

2. Elastic Beanstalk :-

→ - Aws elastic Beanstalk is an and slicing web applications & sources developed with Java, .NET, PhP, Node JS, Python, Ruby, Go & Pocker on familiar servers such as Apache, Ngio J, Passanger & IIS.

3. IAM :-

- Aws identity & access management (IAM) enables you to manage access to aws services & resources security using IAM.

- You can create & manage us Aws users & groups & use Permission to aollow & deny their access to aws resoure

4. ELB :-

→ - Elastic land Balancing automatically distributes incoming applications traffic access multiple targets

- Such as a amazon Ec2, Instances, Containers, IP address, Lambda function & virtual appicauces.

5 **S3 :-**

→ - Amazon simple storage service (Amazon S3) is an object storage service that offers industry leading scalability, data availability, security & Performance.

- customer of all size & industris can use it to store & Protect any amount of data.

6. **EBS :-**

→ - Amazon elustic block store is an easy to use high Performance, block storage service designed for use with amazon elustic compute cloud (EC2) for both through put & transaction intensive workloads at any Scale.

eg:-
Big data analytic ongins deployed on amazon EBS

7. **FSx for lustre :-**

→ - Amazon Fsx for lustre is a fully managed service that provides cost effective, high Performance, Scalable storage for compute workloads.

- It provide multiple deployment options & storage type to optimise cost & Performance for your work load requirement.

8. Glacier :-

→ -Amazon S3 glacier is a secure, durable & extremely low cost. Amazon S3 storage close for data archiving & long term backup with S3 glacier, customers, can store their data cost effectively for months, years or wen decades.

9. Suye maker :-

→ -Amazon suye maker is a fully managed machine learning service with suye matier data scientists & developer can Quickly & easily built & train machine learnigs modules & the directly deploy them into production ready hosted environment.

10. Rekognition :-

→ - Amazon Rekognition make it easy to add image & video analysis to your applications using proven highly scalable deep learning technology that requires no machine learning expertise to use with amazon rekognition.

11. -you can identify objects, People, sequences, activities in image & video.

11. SNS :-

- Amazon simple notification service is a fully managed messaging service for both application-to application (A2A) & Application to Person (A2P) communication.

12. SES :-

→ - Amazon simple Emailsservice (SES) is a cost effective flexible & scalable email service that enables developers to send mail from within any application.

- with SES you can send Emails securly, globally & it scale.

13. Lambda :-

→ - Aws lambda is a serverless compute service that lets you run code without provisioning or managing services, creating workload, aware clustor scaling, logic, maintaining event, iterations with lambda.

14. RDS :-

→ - Amazon Relational Database service makes it easy to setup, operate & scale a relational data buse in the cloud.

- It provide cost-effecient & resizable capacity which automatically time consuming administration tasks such as hardware provision database setup Patching & backups.

15. cloud 9 :-

→ - Aws cloud9 is a cloud bused integrated develop ment environment IDE that lets you write, run & debug your code with just a browser

- It include a code editor, debugger & terminal.

- cloud comes Prepackaged with essential tools for Popular Programming language including Javascript, Python, PhP etc...

16. Cognite :-

-> - Amazon Cognite lets you add user signup, sign In & access Control to your web & mobile app quickly & 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 & scalable cloud domain name system CDNF web service. It is designed to give development & business an extremly reliable & rcost effectitive way to route end users to internet application by translating names like www. example, com.