

Assignment. 11]. EC2

→ Amazon Elastic Compute cloud (Amazon EC2) is a web service that provide secure, resizable compute capacity in the cloud.

As it is designed to make web scale cloud computing easier for developers, Amazon EC2 simple web service Interface allows you to configure computing minimize functions.

2] Elastic Beanstalk :-

→ AWS elastic Beanstalk is an easy to use service for deploying and scaling web application and services developed with two java, .Net, PHP, Node.js, Python, Ruby, & Docker on familiar services 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 security 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 a Amazon EC2 instances, containers, IP address, Lambda Functions and virtual.

5] S3 :-

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

Customers of all size and industries can use 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.

ex. Big data analytic depends on Amazon EBS.

7] FSx For Lustre :-

→ Amazon FSx For Lustre is a cost effective high performance, scalable storage for compute workloads.

It provide multiple deployment options like storage types to optimise cost & performance for your workload requirement.

8] Glacier :-

→ Amazon S3 Glacier is a secure, durable storage class for data archiving and long term backup. with S3 Glacier customers can store their data cost effectively for months years or even decades.

9] Sage Maker :-

→ Amazon sagemaker is a fully managed, to the Scientists and developers can quickly and easily build and train machine learning models and then directly deploy them into production ready hosted environment.

10] Recognition :-

→ Amazon Recognition makes it easy to add

image and video analysis to your application using more highly scalable deep learning technology that requires no machine learning expertise to use with Amazon recognition.

You can identify object people scenes activities in image & video.

11] SES :-

→ Amazon Simple Notification Service (SNS) 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 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 with Lambda.

14] RDS :-

Amazon Relational database service (RDS) makes it easy to ~~ste~~ setup, operate and relational database in the cloud.

It provide cost-efficient and resizable which automating time consuming administration tasks such as hardware provision database setup, patching and backups.

15] cloud :-

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

It include a code editors, debugger and terminal.

cloud comes prepackaged with essentially tools for popular programming language including JavaScript, Python, PHP, etc.

16] Cognito :-

Amazon Cognito lets you add user signup, login 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 web service. It is designed to give development and business an extremely reliable and cost effective way to route users to Internet applications by translating names like www.example.com.