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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 minimum function.

2) **Elastic Bean stalk :-**

AWS elastic bean stalk is an easy-to-use service for deploying and scaling web application and sources developed with Java, .NET, PHP, Node JS, Python, Ruby and Docker on familiar server such as Apache, Nginx, Passenger and IIS.

3) **IAM :-**

AWS identify and Access Management (IAM) enables you to manage access to AWS services and resources securely using IAM. You can create & manage us AWS users and group and use Permission to allow & deny their access to AWS resources.

4) **ELB :-**

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

Such as a Amazon EC2, Instances, Containers, IP address, Lambda function and virtual appliances.

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 and Industries can use it to store & 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 ped and transaction intensive workload at any scalabe.
Ex. Big data analytic engines deployed on Amazon EBS.

7) **FSx for lustre :-**

Amazon Fsx fful lustre is a fully managed service that provids cost offective, high performance, scalable storage for compute workloads.
It provide multiple deployment options and storage type to optimize cost & performance for your workload requirement.

8) **Glacier :-**

Amazon S3 glacier is a secure durable and extremly low cost Amazon S3 storage class for data archiving and long term backups with S3 glacier Customer can store their data cost effectively for months, years or even decodes.

9) Sage maker :-

Amazon Sagemaker is a fully managed machine learning services with sage maker, data scientist and developers can quickly and easily built 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 expertise to use with amazon Rekognition.

You can Identify objects, people, Scenes, activities in Image & video.

11) SNS :-

Amazon simple Notification services is a fully managed messaging services for both application to-application (A2A) & application-to-person (A2P) communication.

12) SES :-

Amazon simple email services is a cost effective flexible & scalable email services that enables developers to send mail from with any Application with SES you can send email securely globally and at scale.

13) Lambda :-

AWS Lambda is a serverless computer service that lets you run code without provisioning or managing servers, Greedy workload aware Cluster scaling logic maintaining event integration with Lambda.

14) RDS :-

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

It Provide cost-effecient and resizable capacity which automaticly fine Consuming administration task such as hardware provision database setup, Patching and backups.

15) Cloud9 :-

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

It Include a code editer debugger and terminal.

cloud9 comes pre packaged with essential tool for popular Programming language including Java Script, python, PHP, etc.

16) Cognite :-

Amazon Cognite 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 server. It is designed to give development and business an extremely reliable and cost effective way to route end users 18 internet applications by translating names like www.example.com.

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