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## Lab\_3, Cloud computing

- 1. Describe the use cases each of EBS, S3, EFS Storage Services.
- AWS Elastic Block Store (EBS) is Amazon's block-level storage solution used with the EC2 cloud service to store persistent data. This means that the data is kept on the AWS EBS servers even when the EC2 instances are shut down.
- Amazon S3 provides object (file) storage through a web interface. It's
  built to store, protect and retrieve data from "buckets" at any time from
  anywhere on any device. As AWS describes it, an S3 environment is a flat
  structure. A user creates a bucket, and the bucket stores objects in the
  cloud.
- Amazon S3 has many use cases, including:

Storage for Internet. ...

Backup and Disaster Recovery. ...

Analytics. ...

Data Archiving. ...

Static Website Hosting. ...

Security and Compliance. ...

 Amazon S3 is object storage built to store and retrieve any amount of data from anywhere. It's a simple storage service that offers industry leading durability, availability, performance, security, and virtually unlimited scalability at very low costs

- Amazon Elastic File System (Amazon EFS) provides a simple, scalable, fully managed, elastic NFS file system for use with AWS Cloud services and on-premises resources. Amazon EFS is easy to use and offers a simple interface that allows you to create and configure file systems quickly and easily.
- 2. Create an EFS storage service and host a static web application in the webserver which can be access by multiple instances located in different Availability zone.















