

Storage In The Cloud

1-Different type of cloud storage

Ans- **1. Types of Cloud Storage:**

- **Object Storage** – Stores files as objects (e.g., Amazon S3).
- **File Storage** – Shared folder system (e.g., Amazon EFS).
- **Block Storage** – Acts like a hard drive (e.g., Amazon EBS).
- **Archive Storage** – Low-cost for rarely used data (e.g., Glacier).

2-What is role base access control and identity and access management and MFA

Ans- **RBAC, IAM, MFA:**

- **RBAC** – Gives access based on user roles.
- **IAM** – Manages user identities and permissions.
- **MFA** – Adds extra security (password + OTP).

3-What is physical and virtual host allocation?

Ans- **Physical vs Virtual Host Allocation:**

- **Physical** – Direct use of hardware.
- **Virtual** – Uses virtual machines on shared hardware.

4-How to access resource of cloud computing?

Ans- **4. Accessing Cloud Resources:**

- Via **web portal, CLI, APIs, or remote tools** like SSH/RDP.

5-Type of backup in cloud? 6-What is disaster recovery?

Ans- **Types of Cloud Backup:**

- **Full** – All data.
- **Incremental** – Only new changes.
- **Differential** – Changes since last full backup.
- **Snapshot** – Image of system.
- **Continuous** – Real-time backup.

6-What is disaster recovery?

Ans- **Disaster Recovery:**

- **Plan to restore systems/data** after a failure or disaster.