

Module : 24 Cloud Computing System Management And Public Cloud

- 1) 3 Different type of cloud storage
 - Public Cloud Storage
 - Private Cloud Storage
 - Hybrid Cloud Storage

- 2) RBAC is a system used to manage permissions within an organization. The main idea is to assign access rights based on the roles that individual users have within an organization.
 - IAM is a framework of policies and technologies for ensuring that the right individuals have access to the right resources at the right times for the right reasons.
 - MFA is an additional layer of security used to ensure that users are who they say they are.

- 3) Physical host allocation refers to the process of assigning physical machines (servers) to run workloads in data centers. It deals with bare metal servers that are allocated to perform computing tasks.
 - Virtual host allocation involves assigning virtual machines (VMs) to run on physical servers. This process is managed through virtualization platforms like VMware, Hyper-V, or KVM.

4) Steps to Access Cloud Resources

- Select a Cloud Service Provider (CSP)
- Create an Account
- Set Up a Billing Account
- Secure Your Account
- Access the Management Console
- Provision Resources
- Use Command Line Interfaces (CLI) or APIs
- Manage and Monitor
- Implement Security Best Practices

5) 7 Type of backup in cloud

- Full Backup
- Incremental Backup
- Differential Backup
- Mirror Backup
- Snapshot Backup
- Cloud-to-Cloud Backup
- Disaster Recovery as a Service (DRaaS)

6) Disaster Recovery (DR) is a set of policies, tools, and procedures that enable the recovery or continuation of vital technology infrastructure and systems following a natural or human-induced disaster.