

Name _____

Understanding Cloud Data Storage and Management

Multiple Choice Questions

1. What is the primary purpose of replicating data across multiple servers in the cloud?
 - a) To reduce storage costs
 - b) To minimize the risk of data loss due to hardware failures
 - c) To increase data transfer speed
 - d) To make data easily searchable

2. Which type of cloud storage is ideal for storing unstructured data like images and videos?
 - a) Databases
 - b) Object storage
 - c) Big Data storage
 - d) File storage

3. How do cloud users organize their data for efficient retrieval and management?
 - a) In physical folders on their local devices
 - b) In virtual containers called buckets or databases
 - c) By storing all data in a single location
 - d) By using complex file naming conventions

4. What is the purpose of access control mechanisms in cloud data management?
 - a) To make data publicly accessible to anyone
 - b) To ensure data security and privacy by defining who has access and what actions they can perform
 - c) To maximize data redundancy
 - d) To increase data storage capacity

5. Why is data encryption important in cloud computing?
 - a) To slow down data transfer speed
 - b) To make data harder to organize
 - c) To protect data from unauthorized access, especially during transmission and storage
 - d) To increase data redundancy

