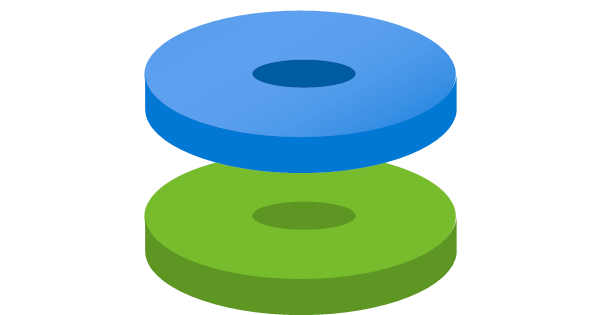
**Azure Disk Storage**



**Azure Disk Storage** is a high-performance, durable block storage service designed for use with Azure Virtual Machines. It provides persistent disks (like HDDs or SSDs) for storing operating systems, applications, and data.

**Features :**

1. **High Performance** – Offers different disk types (Premium SSD, Standard SSD, Standard HDD, Ultra Disk) to match performance needs.
2. **Durable & Persistent** – Provides high availability with up to 99.999% durability using triple data replication.
3. **Scalability** – Supports large disk sizes (up to 64 TB per disk) and multiple disks per VM for scalable storage.
4. **Secure** – Data is encrypted at rest by default with Azure-managed keys or customer-managed keys.
5. **Snapshot & Backup Support** – Enables point-in-time snapshots and seamless integration with Azure Backup for data protection.