

Here is an overview of some of the major Azure services, including pricing information and typical use cases:

1. **Azure Compute Services :**

- **Virtual Machines (VMs)** : Allows you to create and manage Windows or Linux-based virtual machines. Pricing varies based on VM size, operating system, and region.
- **Azure App Service** : A platform for building, deploying, and scaling web apps, mobile apps, and API apps. Pricing is based on the App Service plan selected.
- **Azure Functions** : A serverless computing service that allows you to run small pieces of code (functions) without managing the underlying infrastructure. Pricing is based on the number of executions and memory usage.

2. **Azure Storage Services :**

- **Blob Storage** : Provides object storage for unstructured data like files, images, and videos. Pricing is based on the amount of data stored, data transfer, and the number of transactions.
- **Azure Files** : Offers fully managed file shares that are accessible via the SMB protocol. Pricing is similar to Blob Storage.
- **Azure Disk Storage** : Provides durable and highly available block-level storage for Azure VMs. Pricing varies based on the disk type and size.

3. **Azure Networking Services :**

- **Virtual Network (VNet)** : Allows you to create and manage private networks in Azure. Pricing is based on the number of VNet peerings and VNet gateway connections.
- **Azure Load Balancer** : Distributes incoming traffic across multiple instances of your application. Pricing is based on the number of Load Balancer rules and data processed.
- **Azure DNS** : Provides a globally distributed Domain Name System (DNS) service for managing and resolving domain names. Pricing is based on the number of DNS zones and queries.

4. **Azure Database Services :**

- **Azure SQL Database** : A fully managed database service based on the Microsoft SQL Server engine. Pricing is based on the selected service tier and compute resources.
- **Azure Cosmos DB** : A globally distributed, multi-model database service that supports various data models. Pricing is based on the provisioned throughput, storage, and data transfer.
- **Azure Database for MySQL/PostgreSQL/MariaDB** : Fully managed database services for open-source relational databases. Pricing is based on the selected compute and storage options.

5. **Azure Analytics and AI Services :**

- **Azure Synapse Analytics** : A comprehensive analytics service that combines enterprise data warehousing and big data analytics. Pricing is based on the selected compute and storage options.
- **Azure Machine Learning** : A cloud-based platform for building, deploying, and managing machine learning models. Pricing is based on the compute resources used and the number of API calls.
- **Azure Cognitive Services** : A collection of AI-powered APIs for tasks like text analysis, computer vision, and speech recognition. Pricing is based on the type of service and the number of transactions.

6. **Azure Identity and Access Services :**

- **Azure Active Directory (Azure AD)** : Provides identity and access management services for your applications and resources. Pricing is based on the selected Azure AD plan and the number of users.
- **Azure Key Vault** : A secure cloud-based service for storing and accessing sensitive information like secrets, keys, and certificates. Pricing is based on the number of operations and the amount of data stored.