Cloud Ice Task: Discuss Azure Storage Account

1. Blob Storage

2. Table Storage

3. Queue Storage

4. File Storage

5. Disk Storage

Discuss Each Component

Blob Storage

Blob Storage is Microsoft’s object storage solution for the cloud. It is optimized for storing massive amounts of unstructured information, such as images, large file backups, and data logs (Microsoft, 2022).

Table Storage

Table Storage stores data in a table format, providing structured NoSQL storage in the cloud. It achieves this by offering a key/attribute model with a schemeless design (Tamram, n.d.).

Queue Storage

Queue Storage enables communication between application components by sending messages. These components can run on the cloud, on desktops, or on mobile devices (Queue Storage | Microsoft Azure, 2024).

File Storage

File Storage provides massively scalable, durable, and highly available storage for data on the cloud. It also serves as a reliable data storage solution (Miriver, n.d.).

Disk Storage

Disk Storage is managed by Azure and offers block-level storage that integrates seamlessly with Azure Virtual Machines (VMs).

# Reffrences : **Reference list**

Microsoft 2022, *Introduction to Blob (object) storage - Azure Storage*, learn.microsoft.com.

miriver n.d., *Azure File Storage - Connectors*, learn.microsoft.com, viewed 13 August 2024, <https://learn.microsoft.com/en-us/connectors/azurefile/>.

*Queue Storage | Microsoft Azure* 2024, Microsoft.com, viewed 13 August 2024, <https://azure.microsoft.com/en-us/products/storage/queues#:~:text=Queue%20storage%20gives%20you%20asynchronous>.

tamram n.d., *Azure Table storage documentation*, learn.microsoft.com, viewed 13 August 2024, <https://learn.microsoft.com/en-us/azure/storage/tables/>.