**Puzzle Quiz**

In a puzzle quiz, I'll provide statements with missing words, and you need to fill in the blanks with the correct words or phrases related to the topics. Let's get started:

**Azure Storage Puzzle Quiz:**

1. Azure Storage provides scalable, \_**durable**\_\_\_, and highly available cloud storage solutions for a variety of data types.
2. An \_**azure \_storage account**\_\_\_\_\_\_\_\_\_\_ is a globally unique namespace used to access data within Azure Storage. It provides a way to organize and manage storage resources.
3. Azure Storage offers several services, including Azure \_**Blob**\_\_\_\_\_\_\_\_\_\_\_, Azure File Storage, Azure Queue Storage, and Azure Table Storage.
4. Azure Storage redundancy options include \_**Locally redundant storage**\_\_\_\_\_\_\_ (LRS), \_**Geo Redundant storage**\_\_\_\_\_\_\_\_\_\_\_ (GRS), and \_\_**Zone redundant storage**\_\_\_\_\_ (ZRS), each providing different levels of data durability and availability.
5. Azure Storage offers different storage \_\_**tiers**\_\_\_\_\_\_\_\_\_\_, including Hot, Cool, and Archive tiers, allowing users to choose the right option based on data access frequency and cost considerations.
6. Data Lake Storage Gen2 combines the capabilities of \_\_\_**data lake**\_\_\_\_\_\_\_\_\_ with the massive scale and cost-effectiveness of Azure Blob Storage.
7. One of the key advantages of Data Lake Storage Gen2 over Azure Blob Storage is its support for \_ **Hierarchical namespace\_\_\_\_\_\_\_\_** which allows defining a hierarchical structure for data and organizing it more effectively.
8. When creating a Data Lake Storage Gen2 account, you can leverage \_**azure ad** \_\_\_\_\_\_\_\_\_\_\_ to control access to the data and manage permissions at various levels.
9. Azure Blob Storage is suitable for a wide range of data types, while Data Lake Storage Gen2 is optimized for \_**big data analytics workload**\_\_\_\_\_\_\_\_\_\_\_ data analytics scenarios.
10. In summary, while both Azure Blob Storage and Data Lake Storage Gen2 provide storage capabilities, the latter offers additional features that cater specifically to \_\_**big data**\_\_\_\_\_\_\_\_\_\_-intensive workloads and scenarios.

Feel free to rearrange the statements or adjust the puzzle format as you see fit!Top of Form