

Knowledge check

3 minutes

Your organization has diverse requirements for their cloud-hosted data. You're responsible for designing a plan to configure secure access.

- The admin team has requested your help with implementing a storage replication strategy. They have questions about how to configure storage accounts.
- The manufacturing division has sensors that record time-relative data. Only the most recent data is useful. The company wants the lowest cost storage solution for this data.

Answer the following questions

Choose the best response for each of the questions below. Then select **Check your answers**.

1. Which storage solution replicates data to a secondary region, and maintains six copies of the data? *

☐ Locally redundant storage

☒ Read-access geo-redundant storage

✓ **Correct. Read-access geo-redundant storage is the default replication option. Geo-redundant storage (GRS) copies the data synchronously three times within a single physical location in the primary region by using LRS. The data is then copied asynchronously to a single physical location in the secondary region.**

☐ Zone-redundant storage

2. The admin team needs to know the requirements for storage account names. To what extent does a storage account name need to be unique? *

☐ The name must be unique within the containing resource group.

☐ The name must be unique within the organization's subscription.

☐ The name must be globally unique.

✓ **Correct.** The storage account name is used as part of the URI for API access, so it must be globally unique.

3. What's the best storage account solution to support the requirements of the manufacturing division? *

☐ Locally redundant storage

✓ **Correct.** Locally redundant storage is the best choice. It's the lowest cost solution, the data is being continuously created, and data loss isn't an issue.

☐ Geo-redundant storage

☐ Zone-redundant storage

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