



Knowledge check

5 minutes

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

Check your knowledge

1. You need to migrate a set of databases that use distributed transactions from on-premises SQL Server. Which of the following options should you choose?

- ☐ Azure SQL Database
- ☐ Azure SQL Database Hyperscale

☒ Azure SQL managed instance



That's correct. Azure SQL managed instance is the only offering here that supports cross-database transactions.

2. You are building a new cloud database that you expect to grow to 50 TB. Which is the best option for your database?

- ☐ Azure SQL Database managed instance
- ☐ Azure SQL Database Serverless

☒ Azure SQL Database Hyperscale



That's correct. Azure SQL Database Hyperscale is the only option that supports 50 TB of data.

3. You are building a database for testing purposes that will be used less than 8 hours a day. It is expected to be 20 GB in size. What is your most cost-effective option?

☒ Azure SQL Database Serverless



That's correct. Serverless will reduce the cost significantly for a database that is only used during business hours.

- ☐ Azure SQL Database Elastic Pools
- ☐ Azure SQL Database managed instance

4. How often do differential backups occur with Azure SQL managed instance?

☐ Every 1 hour

☒ Every 12 hours



That's correct. With Azure SQL managed instance, differential backups occur every 12 hours.

☐ Every 24 hours

Next unit: Summary

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