

Knowledge check

5 minutes

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

Check your knowledge

1. Which security object is required in order to enable transparent data encryption?

☐ Credential

☒ Master Key



That's correct. A master key is required in order to encrypt databases.

☐ Login

2. Which feature prevents members of the sysadmin role from viewing the values of data in a table?

☒ Always Encrypted



That's correct. Always Encrypted only stores encrypted data in the SQL Server so the data is never visible to a user of the database without the column key, held by the application.

☐ Dynamic Data Masking

☐ Transparent Data Encryption

3. Which is a valid location for Always Encrypted keys?

☒ Azure Key Vault



That's correct. Azure Key Vault allows for the storage of both Always Encrypted and TDE keys.

☐ Azure Automation

☐ Azure Blob Storage

4. Which feature provides a private IP address for an Azure SQL Database?

☐ Network Endpoints

☒ Private Link



That's correct. Private link provides a private IP address in an Azure vNet for an Azure SQL Database.

☐ Database Firewall

5. Which technique can be used to create database firewall rules in Azure SQL Database?

☐ Running a PowerShell script

☐ Running a Azure CLI script

☒ Executing a T-SQL statement



That's correct. This is the only way to create a database firewall rule.

Next unit: Summary

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