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✓ 200 XP ▶

Knowledge check

2 minutes

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

1. Which deployment requires the fewest changes when migrating an existing SQL Server on-premises solution?

○ Azure SQL Database Managed Instance

⦿ SQL Server running on a virtual machine ✓

    That's correct. SQL Server running on a virtual machine supports anything an on-premises solution has.

○ Azure SQL Database Single Database

2. Which of the following statements is true about SQL Server running on a virtual machine?

○ You must install and maintain the software for the database management system yourself, but backups are automated

○ Software installation and maintenance are automated, but you must do your own backups

⦿ You're responsible for all software installation and maintenance, and performing back ups ✓

    That's correct. With SQL Server running on a virtual machine, you're responsible for patching and backing up.

3. Which of the following statement is true about Azure SQL Database?

○ Scaling up doesn't take effect until you restart the database

○ Scaling out doesn't take effect until you restart the database

⦿ Scaling up or out will take effect without restarting the SQL database ✓

    That's correct. You can scale up or out without interrupting the usage of the DB.

4. When using an Azure SQL Database managed instance, what is the simplest way to implement backups?

○   Manual Configuration of the SQL server

○   Create a scheduled task to back up

◉   Backups are automatically handled   ✓

That's correct. A managed instance comes with the benefit of
automatic backups and the ability to restore to a point in time.

5. What is the best way to transfer the data in a PostgreSQL database running on-premises
into a database running Azure Database for PostgreSQL service?

○   Export the data from the on-premises database and import it
     manually into the database running in Azure

○   Upload a PostgreSQL database backup file to the database running
     in Azure

◉   Use the Azure Database Migration Services   ✓

That's correct. The Database Migration Service offers the safest way
to push your on-premises PostgreSQL database into Azure.

Next unit: Summary

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