✓ 200 XP ▶

Knowledge check

3 minutes

Tailwind Traders is assessing their backup continuity and disaster recovery plan. You're responsible for selecting an appropriate backup solution for migrated workloads. As part of your plan, you also need to select an appropriate disaster recovery option for these workloads. Here are some specific requirements.

- **Regional outage option for Azure virtual machine backups.** The company has stringent recovery time objectives and recovery point objectives. The IT department is concerned about regional outages and has requested a solution.

- **Backup option for on-premises virtual machines.** The IT department needs a way to back up on-premises virtual machines. They want to define the frequency and only pay-as-they-go for storage.

- **Database backup option for Azure SQL databases.** The company has several Azure SQL databases in an elastic pool. The IT department needs a solution for when the primary database fails or needs to be offline.

- **Accidental deletion and recovery of video files.** Each product in the retail catalog has an associated video. This video is critical to the marketing of the product on the company website. The IT department wants to ensure they can recover snapshots of these files, if they're deleted.

Answer the following questions

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

1. What replication option would be best for the Azure virtual machine backups? *

- ( )   Azure Site Recovery

  ✓ **Correct. Azure Site Recovery is designed to provide continuous replication to a secondary region.**

- ( )   Azure Backup

- ( )   Active geo-replication

2. What backup solution is best for the on-premises virtual machines? *

- ( )   Azure Site Recovery

- ( )   Azure Backup

  ✓ **Correct. Azure Backup can protect on-premises virtual machines.**

- ( )   Active geo-replication

3. What solution would be best for the Azure SQL database requirement? *

- ( )   Azure Site Recovery

- ( )   Azure Backup

- ( )   Active geo-replication.

  ✓ **Correct. Active geo-replication can fail over to a secondary database if your primary database fails or needs to be taken offline.**

4. To address the company's concern with accidental data deletion, which of these solutions is best? *

- ( )   Enable disk caching

- ( )   Enable soft delete

✔ Correct. With soft delete you can specify a retention period. The data is retained during the retention period and can be recovered.

◯ Add a resource lock to the storage account

Next unit: Summary and resources

Continue >