

## Module 9: Manage Workloads in Azure

### Review Question

#### Review Question 1

Your organization needs a way to create application aware snapshots, and backup Linux virtual machines and VMware virtual machines. You have files, folders, volumes, and workloads to protect.

You recommend which of the following solutions?

Select one.

- A. Azure Backup (MARS) agent
- B. Azure Backup Server
- C. Enable disk snapshots
- D. Enable backup for individual Azure VMs

**Correct Answer: B**

#### Explanation

Azure backup server provides app aware snapshots, support for Linux virtual machines and VMware virtual machines. Backup server can protect files, folders, volumes, and workloads.

#### Review Question 2

You plan to use Azure Backup to protect your virtual machines and data and are ready to create a backup.

What is the first thing you need to do?

Select one.

- A. Define recovery points.
- B. Create a Recovery Services vault.
- C. Create a Backup policy.
- D. Install the Azure VM Agent.

**Correct Answer: B**

#### Explanation

When performing a virtual machine backup, you must first create a Recovery Services vault in the region where you want to store the data. Recovery points are stored in the Recovery Services vault. While creating a backup policy is a good practice, it is not a dependency to creating a backup. The Azure VM agent is required on an Azure virtual machine for the Backup extension to work. However, if the VM was created from the Azure gallery, then the VM Agent is already present on the virtual machine.

### Review Question 3

You have several Azure VMs that are currently running production workloads. You have a mix of Windows Server and Linux servers and you need to implement a backup strategy for your production workloads.

Which feature should you use in this case? Select one.

- A. Managed snapshots.
- B. Azure Backup.
- C. Azure Site Recovery.
- D. Azure Migrate.

**Correct Answer: B**

#### Explanation

For backing up Azure virtual machines running production workloads, use Azure Backup. Azure Backup supports application-consistent backups for both Windows and Linux virtual machines. Azure Site Recovery coordinates virtual-machine and physical-server replication, failover, and failback, but Azure Backup will protect and restore data at a more granular level. Managed snapshots provide a read-only full copy of a managed disk, and is an ideal solution in development and test environments, but Azure Backup is the better option for your production workloads.

### Review Question 4

You deploy several virtual machines (VMs) to Azure. You are responsible for backing up all data processed by the VMs. In the event of a failure, you need to restore the data as quickly as possible. Which of these options would you recommend to restore a database used for development on a data disk?

Select one.

- A. Virtual machine backup
- B. Azure Site Recovery
- C. Disk image backup
- D. Disk snapshot

**Correct Answer: D**

#### Explanation

You can use snapshots to quickly restore the database data disks