

# DP-300 Study Guide | DP-300 Latest Exam Preparation



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Nowadays, using electronic materials to prepare for the exam has become more and more popular, so now, you really should not be restricted to paper materials any more, our electronic DP-300 exam torrent will surprise you with their effectiveness and usefulness, and the pass rate of DP-300 Practice Test is high as 98% to 100%. I can assure you that you will pass the exam as well as getting the related certification under the guidance of our training materials DP-300 as easy as pie.

The DP-300 exam covers a wide range of topics, including deploying and configuring SQL Server on Azure, managing databases and instances, implementing security, and designing for high availability and disaster recovery. DP-300 Exam is designed to test your knowledge and skills in these areas and ensure that you have the expertise needed to manage and administer databases on the Azure platform.

>> DP-300 Study Guide <<

## **New DP-300 Study Guide & 100% Pass-Rate DP-300 Latest Exam Preparation & Verified Microsoft Administering Relational Databases on Microsoft Azure**

With the aim of helping aspirants to achieve the Administering Relational Databases on Microsoft Azure (DP-300) certification, PassLeaderVCE is committed to providing the best quality and updated Microsoft DP-300 exam dumps. With their authentic and Real DP-300 Exam Questions, you can be confident of passing the Microsoft DP-300 certification exam on the first try.

### **Exam DP-300: Administering Relational Databases on Microsoft Azure**

Candidates for this exam are database administrators and data management specialists that manage on-premises and cloud relational databases built with Microsoft SQL Server and Microsoft Azure Data Services.

The Azure Database Administrator implements and manages the operational aspects of cloud-native and hybrid data platform solutions built on Azure Data Services and SQL Server. The Azure Database Administrator uses a variety of methods and tools to

perform day-to-day operations, including applying knowledge of using T-SQL for administrative management purposes.

This role is responsible for management, availability, security and performance monitoring and optimization of modern relational database solutions. This role works with the Azure Data Engineer role to manage operational aspects of data platform solutions.

Candidates for this role should understand all concepts covered in Exam DP-900: Microsoft Azure Data Fundamentals.

**Part of the requirements for:** Microsoft Certified: Azure Database Administrator Associate

Download exam skills outline

## Microsoft Administering Relational Databases on Microsoft Azure Sample Questions (Q180-Q185):

### NEW QUESTION # 180

You have an Azure subscription.

You plan to deploy a new Azure virtual machine that will host a Microsoft SQL Server instance.

You need to configure the disks on the virtual machine. The solution must meet the following requirements:

- \* Minimize latency for transaction logs.
- \* Minimize the impact on IO Of the virtual machine.

Which type of disk should you use for each workload? To answer, drag the appropriate disk types to the correct workloads. Each disk type may be used once, at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

□

**Answer:**

Explanation:

□

Explanation

□

Graphical user interface, text, application Description automatically generated

### NEW QUESTION # 181

You have an on-premises server that has Microsoft SQL Server 2022 installed. The server contains multiple databases.

You have an Azure subscription that contains multiple Azure SQL databases.

You configure daily backups for the databases.

You need to ensure that all the backups are stored in a central location.

What should you use to store the backups?

- A. Azure Blob Storage
- B. an Azure Files share
- C. a Recovery Services Vault
- D. Azure Table storage

**Answer: A**

Explanation:

SQL Server backup and restore with Azure Blob Storage

To store Microsoft SQL Server 2022 database backups centrally, you can utilize features like Azure Blob Storage, S3-compatible object storage, or shared network drives. Consider using SQL Server Management Studio (SSMS) or Maintenance Plans to automate backups to these central locations.

Azure Blob Storage:

SQL Server 2022 integrates with Azure Blob Storage for backups, allowing you to store them in the cloud.

You can use the BACKUP TO URL syntax with the s3:// or https:// protocol to specify the Azure Blob Storage location.

You'll need to create an Azure storage account and a container, and then create a SQL Server credential to authenticate with the storage.

Reference:

<https://learn.microsoft.com/en-us/sql/relational-databases/backup-restore/sql-server-backup-and-restore-with-microsoft-azure-blob-storage-service>

### NEW QUESTION # 182

#### SIMULATION

You plan to perform performance testing of db1.

You need prevent db1 from reverting to the last known good query plan.

To complete this task, sign in to the virtual machine. You may need to use SQL Server Management Studio and the Azure portal.

**Answer:**

Explanation:

### NEW QUESTION # 183

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure SQL database named Sales.

You need to implement disaster recovery for Sales to meet the following requirements:

- During normal operations, provide at least two readable copies of Sales.

- Ensure that Sales remains available if a datacenter fails.

Solution: You deploy an Azure SQL database that uses the Business Critical service tier and Availability Zones.

Does this meet the goal?

- A. No
- **B. Yes**

**Answer: B**

Explanation:

Premium and Business Critical service tiers leverage the Premium availability model, which integrates compute resources (sqlservr.exe process) and storage (locally attached SSD) on a single node. High availability is achieved by replicating both compute and storage to additional nodes creating a three to four-node cluster.

By default, the cluster of nodes for the premium availability model is created in the same datacenter. With the introduction of Azure Availability Zones, SQL Database can place different replicas of the Business Critical database to different availability zones in the same region. To eliminate a single point of failure, the control ring is also duplicated across multiple zones as three gateway rings (GW).

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/high-availability-sla>

### NEW QUESTION # 184

You have an Azure virtual machine named VM1 on a virtual network named VNet1. Outbound traffic from VM1 to the internet is blocked.

You have an Azure SQL database named SqlDb1 on a logical server named SqlSrv1.

You need to implement connectivity between VM1 and SqlDb1 to meet the following requirements:

- \* Ensure that VM1 cannot connect to any Azure SQL Server other than SqlSrv1.

- \* Restrict network connectivity to SqlSrv1.

What should you create on VNet1?

- **A. a private endpoint**
- B. a service endpoint
- C. a VPN gateway
- D. an ExpressRoute gateway

**Answer: A**

### NEW QUESTION # 185

