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Microsoft DP-300 exam is designed for professionals who want to demonstrate their expertise in administering relational databases on Microsoft Azure. Administering Relational Databases on Microsoft Azure certification validates the candidate's ability to perform tasks such as implementing security, managing backups and restoring databases, optimizing performance, and monitoring and troubleshooting databases. The DP-300 Exam measures the candidate's knowledge and skills in the latest technologies used in Azure, including Azure SQL Database, Azure SQL Managed Instance, and Azure Synapse Analytics.

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## **Pass Guaranteed Quiz Microsoft - DP-300 - Unparalleled Administering Relational Databases on Microsoft Azure Online Training Materials**

The DP-300 PDF is the most convenient format to go through all exam questions easily. It is a compilation of actual Microsoft DP-300 exam questions and answers. The PDF is also printable so you can conveniently have a hard copy of Microsoft DP-300 Dumps with you on occasions when you have spare time for quick revision.

The DP-300 exam measures the candidate's knowledge and skills in various areas such as implementing security and auditing, managing Azure SQL database instances, configuring data access and replication, and monitoring and optimizing database performance. To prepare for the exam, candidates should have experience with Azure SQL database administration, knowledge of T-SQL, and familiarity with Azure services such as Azure Storage and Azure Active Directory.

Microsoft DP-300 exam is a valuable certification for database administrators who want to enhance their skills in administering relational databases on Azure. Administering Relational Databases on Microsoft Azure certification provides a competitive edge in the job market and demonstrates your expertise in cloud-based database solutions. As the demand for cloud-based database solutions continues to grow, the Microsoft DP-300 Certification is becoming increasingly essential for professionals in the field of database administration.

## **Microsoft Administering Relational Databases on Microsoft Azure Sample Questions (Q335-Q340):**

### **NEW QUESTION # 335**

You have a burstable Azure virtual machine named VMI that hosts an instance of Microsoft SQL Server.

You need to attach an Azure ultra disk to VMI. The solution must minimize downtime on VMI.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Attach the ultra disk.	
Stop and deallocate VM1.	
Set Enable Ultra disk compatibility to <b>Yes</b> .	
Resize VM1.	
Start VM1.	

**Answer:**

**Explanation:**

Actions	Answer Area
Attach the ultra disk.	
Stop and deallocate VM1.	
Set Enable Ultra disk compatibility to <b>Yes</b> .	
Resize VM1.	
Start VM1.	

**Explanation:**

Answer Area	
1	Stop and deallocate VM1.
2	Attach the ultra disk.
3	Set Enable Ultra disk compatibility to <b>Yes</b> .
4	Resize VM1.
5	Start VM1.

### NEW QUESTION # 336

You have the following Azure Resource Manager template.

```

"version": "2019-06-01-preview",
"location": "[parameters('location')]",
"administratorLogin": "[parameters('administratorLogin')]",
"administratorLoginPassword": "[parameters('administratorLoginPassword')]",
"sku": {
  "name": "Standard",
  "tier": "Standard",
  "capacity": 10
},
"kind": "v12.0"
},
"properties": {
  "createMode": "Default",
  "serverName": "[concat(variables('serverName'), '/', parameters('databaseName'))]",
  "databaseName": "Microsoft.Sql/servers/databases",
  "version": "2020-08-01-preview",
  "location": "[parameters('location')]",
  "sku": {
    "name": "Standard",
    "tier": "Standard",
    "capacity": 10
  },
  "kind": "v12.0"
},
  "properties": {
    "createMode": "Default",
    "serverName": "[concat('Microsoft.Sql/servers/', variables('serverName'))]",
    "databaseName": "Microsoft.Sql/servers/databases",
    "version": "2020-08-01-preview",
    "location": "[parameters('location')]",
    "sku": {
      "name": "Standard",
      "tier": "Standard",
      "capacity": 10
    },
    "kind": "v12.0"
  }
}

```

Converts a database to an Azure SQL Database

deployment is based on DT

Explanation:

Statements	Yes	No
The template deploys a serverless Azure SQL database.	<input type="radio"/>	<input type="radio"/>
The template deploys a database to an Azure SQL Database managed instance.	<input type="radio"/>	<input type="radio"/>
The pricing tier of the database deployment is based on DTUs.	<input type="radio"/>	<input type="radio"/>

Explanation

A screenshot of a computer Description automatically generated with low confidence

Statements	Yes	No
The template deploys a serverless Azure SQL database.	<input type="radio"/>	<input type="radio"/>
The template deploys a database to an Azure SQL Database managed instance.	<input type="radio"/>	<input type="radio"/>
The pricing tier of the database deployment is based on DTUs.	<input type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/purchasing-models>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/single-database-create-arm-template-quickstart>

#### NEW QUESTION # 337

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Configuration
DB1	Azure SQL Database	Hyperscale service tier No secondary replicas
App1	Azure Web Apps	App1 has read-only access to DB1. There are multiple instances of App1.

You need to create a read-only replica of DB1 and configure the App1 instances to use the replica.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

To add read-only replicas of DB1:

- Create a replica on the same logical server.
- Create a new logical server and configure geo-replication.
- Create a new logical server and configure an auto-failover group.

To configure App1 instances to access the read-only replica:

- Add an ApplicationIntent entry to the connection string.
- Add a MultiSubnetFailover entry to the App1 connection string.
- Create a dedicated endpoint and configure the App1 connection string to point to the endpoint.

**Answer:**

Explanation:



## Answer Area

To add read-only replicas of DB1:

- Create a replica on the same logical server.
- Create a new logical server and configure geo-replication.
- Create a new logical server and configure an auto-failover group.

To configure App1 instances to access the read-only replica:

- Add an ApplicationIntent entry to the connection string.
- Add a MultiSubnetFailover entry to the App1 connection string.
- Create a dedicated endpoint and configure the App1 connection string to point to the endpoint.

Reference:

<https://sqlserverguides.com/read-only-replica-azure-sql/>

## NEW QUESTION # 338

You have an Azure Synapse Analytics dedicated SQL pool.

You run `PDW SHOWSPACEUSED('dbo.FactInternetSales');` and get the results shown in the following table.

694	2776	616	48	2112	1	1
407	2704	576	48	2080	1	2
53	2376	512	16	1848	1	3
58	2376	512	16	1848	1	4
168	2632	528	32	2072	1	5
195	2696	536	32	2128	1	6
5995	3464	1424	32	2008	1	7
0	2232	496	0	1736	1	8
264	2576	544	40	1992	1	9
3008	3016	960	32	2024	1	10
...	...	...	...	...	...	...
1550	2832	752	48	2032	1	50
1238	2832	696	40	2096	1	51
192	2632	528	32	2072	1	52
1127	2768	680	48	2040	1	53
1244	3032	704	64	2264	1	54
409	2632	568	32	2032	1	55
0	2232	496	0	1736	1	56
1437	2832	728	40	2064	1	57
0	2232	496	0	1736	1	58
384	2632	560	32	2040	1	59
225	2768	544	40	2184	1	60

Which statement accurately describes the `dbo.FactInternetSales` table?

- A. All distributions contain data.
- B. The table uses round-robin distribution
- C. The table contains less than 10,000 rows.
- D. The table is skewed.

**Answer: D**

Explanation:

Explanation

The rows per distribution can vary up to 10% without a noticeable impact on performance. Here the distribution varies more than 10%. It is skewed.

Note: `SHOWSPACEUSED` displays the number of rows, disk space reserved, and disk space used for a specific table, or for all tables in a Azure Synapse Analytics or Parallel Data Warehouse database.

This is a very quick and simple way to see the number of table rows that are stored in each of the 60 distributions of your database. Remember that for the most balanced performance, the rows in your distributed table should be spread evenly across all the distributions.

`ROUND_ROBIN` distributed tables should not be skewed. Data is distributed evenly across the nodes by design.

Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-tables-distrib>

<https://github.com/rgl/azure-content/blob/master/articles/sql-data-warehouse/sql-data-warehouse-manage-distrib>

## NEW QUESTION # 339

