

70-473 Dumps

Designing and Implementing Cloud Data Platform Solutions

<https://www.certleader.com/70-473-dumps.html>



NEW QUESTION 1

You need to identify which methods to use to migrate MovieReviewDB and CWDB.

Which method should you identify for each database? To answer, select the appropriate options in the answer area.

Answer Area

CWDB:

	▼
Azure Import and Export Service	
Azure ExpressRoute	
the bcp utility	

MovieReviewDB:

	▼
Azure ExpressRoute	
the BACKUP and RESTORE statements	
the Deploy Database to Microsoft Azure Database task	

Answer:

Explanation: References:

<https://azure.microsoft.com/en-gb/documentation/articles/sql-database-cloud-migrate-compatible-using-ssms-mi>

NEW QUESTION 2

You are evaluating moving the data from WebData1 to an Azure SQL database.

You need to recommend a solution to generate the consolidated report for billing. The solution must meet the business requirements.

What should you include in the recommendation?

- A. SQL Server Integration Services (SSIS)
- B. SQL Server Analysis Services (SSAS)
- C. an elastic database job
- D. an elastic query

Answer: D

NEW QUESTION 3

A marketing department manager reports that the marketing department database contains incorrect data. The manager reports that the data was correct yesterday.

You need to recommend a method to recover the data.

Which three actions should you recommend be performed in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Perform a point-in-time restore.	
Modify the firewall rules.	
Rename the database.	
Enable Change Tracking.	
Create a new Azure SQL database server.	
Delete the database.	
Migrate the database to an on-premises instance.	

Answer:

Explanation:

Actions	Answer Area
Perform a point-in-time restore.	
Modify the firewall rules.	
Rename the database.	
Enable Change Tracking.	
Create a new Azure SQL database server.	
Delete the database.	
Migrate the database to an on-premises instance.	

NEW QUESTION 4

You plan to implement row-level security for the CWDB database. You create the fn_limitusers function under the restriction schema. You need to create the policy.

How should you complete the policy? To answer, drag the appropriate elements to the correct locations. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Code elements

ADD BLOCK PREDICATE restriction.fn_limitusers (CRS)

ADD FILTER PREDICATE restriction.fn_limitusers (CRS)

ON CWDB

ON PersonalInfo

WITH (STATE = ON)

WITH SCHEMABINDING

Answer area

CREATE SECURITY POLICY CSRFILTER

Code element

Code element

Code element

Answer:

Explanation: References:
<https://msdn.microsoft.com/en-us/library/dn765131.aspx>

NEW QUESTION 5

You need to recommend a disaster recovery solution for the CRM application that meets the business requirements. What should you recommend?

- A. backup and restore by using Windows Azure Storage
- B. log shipping
- C. AlwaysOn Availability Groups
- D. database mirroring

Answer: A

NEW QUESTION 6

You are evaluating the migration of the databases from Host1 and WebData1 to Azure. You need to recommend the most cost-effective solution for storing the database in Azure. The solution must meet the business requirements. In the table below, recommend the most cost-effective storage solution for Host1 and WebData1. NOTE: Make only one selection in each column.

Answer Area		
Solutions	Host1	WebData1
SQL Server 2014 Standard edition installed on an Azure virtual machine	<input type="radio"/>	<input type="radio"/>
SQL Server 2014 Enterprise edition installed on an Azure virtual machine	<input type="radio"/>	<input type="radio"/>
a single Azure SQL database on the Basic service tier	<input type="radio"/>	<input type="radio"/>
an Azure SQL Database elastic database pool on the Basic service tier	<input type="radio"/>	<input type="radio"/>
a single Azure SQL database on the Standard service tier	<input type="radio"/>	<input type="radio"/>
an Azure SQL Database elastic database pool on the Standard service tier	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Solutions	Host1	WebData1
SQL Server 2014 Standard edition installed on an Azure virtual machine	<input type="radio"/>	<input type="radio"/>
SQL Server 2014 Enterprise edition installed on an Azure virtual machine	<input checked="" type="radio"/>	<input type="radio"/>
a single Azure SQL database on the Basic service tier	<input type="radio"/>	<input type="radio"/>
an Azure SQL Database elastic database pool on the Basic service tier	<input type="radio"/>	<input type="radio"/>
a single Azure SQL database on the Standard service tier	<input type="radio"/>	<input type="radio"/>
an Azure SQL Database elastic database pool on the Standard service tier	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 7

You are planning the consolidation of the databases from Host1.

You need to identify which methods to use to back up the data after the consolidation completes. What are two possible methods that achieve this goal? Each correct answer presents a complete solution.

- A. BACKUP TO URL
- B. AlwaysOn failover clustering
- C. a maintenance plan
- D. AlwaysOn Availability Groups

Answer: AC

Explanation: Topic 2, ADatumCorporationOverview

General Overview

ADatumCorporation is a real estate firm that has offices throughout North America.

ADatumhas a main office and four branch offices. The main office is located in Seattle. The branch offices are located in New York, Montreal, Denver, and Vancouver.

Existing Environment

Network Infrastructure

The network contains one Active Directory domain namedADatum.com. Each office contains one domain controller.

Each office has a 100-Mbps connection to the Internet that is 20 percent saturated on average. The offices connect to each other through the Internet by using VPN appliances.

ADatumuses the public IP addresses shown in the following table.

Office	Public IP address
Seattle	131.107.1.6
New York	131.107.2.6
Montreal	131.107.3.6
Denver	131.107.4.6
Vancouver	131.107.5.6

SQL Server Infrastructure

In the main office,ADatumhosts a Microsoft SQL Server instance on a server named SQL1. SQL1 has a 400- GB database named Listings. Log-shipped copies of Listings are present in each branch office. The copies are used for reporting. Currently, all of the SQL Server instances run SQL Server 2014 Enterprise edition.

Each branch office has an application server that hosts an application named App1. App1 is configured to connect to the Listings database on each local SQL Server instance for reporting and to connect to the SQL Server instance in the main office for any updates to property listings.

The main office also has an application server that hosts App1. The application server connects to the local Listings database for reporting and for any updates to the property listings.

Historic activity of the Listings database shows a maximum of 475 concurrent requests from as many as 200 concurrent connections.

User Issues

Users report that, frequently, they are disconnected from the Listings database when they run reports. Users also report that there is an unacceptable delay between when a property listing is updated and when the updated listing appears in the listings reports.

Developers report concerns about the lack of a testing environment in which code changes can be validated before being deployed to the production Listings database.

Requirements

Business Requirements

ADatumidentifies the following business requirements:

- Minimize costs, whenever possible.
- Ensure that confidential data is encrypted at all times.
- Ensure that the primary database is hosted in Microsoft Azure.
- Ensure that all production databases maintain 99.9 percent availability.
- Ensure that all of the data between the offices and Azure is encrypted.

Planned changes

ADatum plans to implement the following changes:

- Move the primary database to Azure.
- Implement a data warehouse for reporting to offload reporting from the transactional Listings database.

Technical Requirements

ADatum identifies the following technical requirements:

- A test environment that has a 200-GB subset of data from the Listings database must be implemented. The new database will be named ListTest. The new test environment will have a maximum of 10 concurrent connections.
- The migration of the Listings database must be completed in less than 60 minutes. During the migration, data must be prevented from being modified.
- The firewall settings of the Azure SQL databases must be configured to provide access to the main office only.
- Changes to the settings and the properties of the Listings database must be audited at all times.
- Access to the Clients table must be audited and data from the audit must be queryable.
- The query performance of the ListTest database must be monitored at all times.
- Reporting must be offloaded from the transactional Listings database.

High-Availability and Recovery Requirements

ADatum identifies the following high-availability and recovery requirements:

- All production databases must support automatic failover.
- Backups for the Listings database must be stored in Azure.
- The database must be recoverable if a major data loss occurs.
- A weekly backup of the ListTest database must be maintained on-premises.
- SQL1 must be integrated into the high-availability solution as a reporting server.

NEW QUESTION 8

You need to implement the monitoring solution for the Listings database.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Use the **sys.fn_get_audit_file()** function to review and report on the trapped events.

Execute the following statement.

```
CREATE EVENT SESSION
ListingsDBChange ON DATABASE
ADD EVENT
sqlserver.object_altered ( SET
collect_database_name = (1)
ACTION ( sqlserver.sql_text
,sqlserver.nt_username
,sqlserver.server_principal_name
,sqlserver.client_hostname )
WHERE object_type =
'DATABASE'
AND
sqlserver.database_name =
'Listings'
)
ADD TARGET package0.event_file
( SET filename =
N'C:\Database\XE\ListingsDBChange
WITH (STARTUP_STATE = ON);
```

Execute the following statement.

```
ALTER EVENT SESSION
ListingsDBChange
ON SERVER
STATE = START;
GO
```

Use the

sys.fn_xe_file_target_read_file() function to review and report on the trapped events.

Execute the following statement.

```
CREATE EVENT SESSION
ListingsDBChange ON SERVER
ADD EVENT
sqlserver.object_altered ( SET
collect_database_name = (1)
ACTION ( sqlserver.sql_text
,sqlserver.nt_username
,sqlserver.server_principal_name
,sqlserver.client_hostname )
WHERE object_type =
'DATABASE'
AND
sqlserver.database_name =
'Listings'
)
ADD TARGET package0.event_file
( SET filename =
N'C:\Database\XE\ListingsDBChange
WITH (STARTUP_STATE = ON);
```

Answer Area



Answer:

Explanation:

Actions

Use the **sys.fn_get_audit_file()** function to review and report on the trapped events.

Execute the following statement.

```
CREATE EVENT SESSION
ListingsDBChange ON DATABASE
ADD EVENT
sqlserver.object_altered ( SET
collect_database_name = (1)
ACTION ( sqlserver.sql_text
,sqlserver.nt_username
,sqlserver.server_principal_name
,sqlserver.client_hostname )
WHERE object_type =
'DATABASE'
AND
sqlserver.database_name =
'Listings'
)
ADD TARGET package0.event_file
( SET filename =
N'C:\Database\XE\ListingsDBChange
WITH (STARTUP_STATE = ON);
```

Execute the following statement.

```
ALTER EVENT SESSION
ListingsDBChange
ON SERVER
STATE = START;
GO
```

Use the **sys.fn_xe_file_target_read_file()** function to review and report on the trapped events.

Execute the following statement.

```
CREATE EVENT SESSION
ListingsDBChange ON SERVER
ADD EVENT
sqlserver.object_altered ( SET
collect_database_name = (1)
ACTION ( sqlserver.sql_text
,sqlserver.nt_username
,sqlserver.server_principal_name
,sqlserver.client_hostname )
WHERE object_type =
'DATABASE'
AND
sqlserver.database_name =
'Listings'
)
ADD TARGET package0.event_file
( SET filename =
N'C:\Database\XE\ListingsDBChange
WITH (STARTUP_STATE = ON);
```

```
ADD EVENT
sqlserver.object_altered ( SET
collect_database_name = (1)
ACTION ( sqlserver.sql_text
,sqlserver.nt_username
,sqlserver.server_principal_name
,sqlserver.client_hostname )
WHERE object_type =
```

Execute the following statement.

```
ALTER EVENT SESSION
ListingsDBChange
ON SERVER
STATE = START;
GO
```

Use the **sys.fn_xe_file_target_read_file()** function to review and report on the trapped events.

NEW QUESTION 9

You need to configure server-level access to the ListTest database. adatum

What statement should you use? To answer, drag the appropriate elements to the correct locations. Each element may be used once, or not 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.

Code Elements	Answer Area
EXECUTE sp_set_firewall_rule	<input type="text"/> @name = N'ADatumDBAFirewallRule',
EXEC sp_set_database_firewall_rule	@start_ip_address = <input type="text"/>
'131.107.1.6'	@end_ip_address = <input type="text"/>
'131.107.5.6'	
'127.0.0.1'	
'255.255.255.0'	
'0.0.0.0'	

Answer:

Explanation:

Code Elements	Answer Area
EXECUTE sp_set_firewall_rule	EXECUTE sp_set_firewall_rule @name = N'ADatumDBAFirewallRule',
EXEC sp_set_database_firewall_rule	@start_ip_address = <input type="text"/>
'131.107.1.6'	<input type="text"/>
'131.107.5.6'	@end_ip_address = <input type="text"/>
'127.0.0.1'	<input type="text"/>
'255.255.255.0'	
'0.0.0.0'	

NEW QUESTION 10

Which three components are required to meet the encryption requirements for the ListTest database? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. a Column Master Key
- B. a certificate
- C. an Always Encrypted enabled driver
- D. a Column Encryption Key
- E. a service master key
- F. a database master key

Answer: ACD

Explanation: References:

<https://docs.microsoft.com/en-us/sql/relational-databases/security/encryption/create-and-store-column-masterke>

NEW QUESTION 10

You need to implement monitoring for the ListTest database.

Which three statements should you use in sequence? To answer, move the appropriate statements from the list of statements to the answer area and arrange them in the correct order.

Statements	Answer Area
<pre>ALTER EVENT SESSION XE_azuresqlldbListing ON DATABASE STATE=START; GO</pre>	
<pre>CREATE EVENT SESSION XE_azuresqlldbListing ON DATABASE ADD EVENT sqlserver.sql_statement_starting (ACTION(sqlserver.sql_text) WHERE statement LIKE '%UPDATE Client%') ADD TARGET package0.ring_buffer (SET max_memory = 500 --Units of KB); GO</pre>	
<pre>SELECT * FROM sys.fn_xe_file_target_read_file ('XE_azuresqlldbListing',NULL, NULL, NULL)</pre>	
<pre>SELECT CAST ([target_data] AS XML) AS target_data FROM sys.dm_xe_sessions AS xt INNER JOIN sys.dm_xe_sessions AS xs ON xs.address = xt.event_session_address WHERE xs.name = N'XE_azuresqlldbListing' AND xt.target_name = N'ring_buffer' ;</pre>	

Answer:

Explanation:

Statements	Answer Area
<pre>ALTER EVENT SESSION XE_azuresqlldbListing ON DATABASE STATE=START; GO</pre>	<pre>CREATE EVENT SESSION XE_azuresqlldbListing ON DATABASE ADD EVENT sqlserver.sql_statement_starting (ACTION(sqlserver.sql_text) WHERE statement LIKE '%UPDATE Client%') ADD TARGET package0.ring_buffer (SET max_memory = 500 --Units of KB); GO</pre>
<pre>CREATE EVENT SESSION XE_azuresqlldbListing ON DATABASE ADD EVENT sqlserver.sql_statement_starting (ACTION(sqlserver.sql_text) WHERE statement LIKE '%UPDATE Client%') ADD TARGET package0.ring_buffer (SET max_memory = 500 --Units of KB); GO</pre>	<pre>ALTER EVENT SESSION XE_azuresqlldbListing ON DATABASE STATE=START; GO</pre>
<pre>SELECT * FROM sys.fn_xe_file_target_read_file ('XE_azuresqlldbListing',NULL, NULL, NULL)</pre>	
<pre>SELECT CAST ([target_data] AS XML) AS target_data FROM sys.dm_xe_sessions AS xt INNER JOIN sys.dm_xe_sessions AS xs ON xs.address = xt.event_session_address WHERE xs.name = N'XE_azuresqlldbListing' AND xt.target_name = N'ring_buffer' ;</pre>	<pre>SELECT CAST ([target_data] AS XML) AS target_data FROM sys.dm_xe_sessions AS xt INNER JOIN sys.dm_xe_sessions AS xs ON xs.address = xt.event_session_address WHERE xs.name = N'XE_azuresqlldbListing' AND xt.target_name = N'ring_buffer' ;</pre>

NEW QUESTION 12

You need to recommend a solution to migrate the Listings database to the cloud. What should you recommend?

- A. Stage the Listings database on an Azure virtual machine prior to the outag
- B. During the outage, perform a data import from the main office by using SQL Server Management Studio.
- C. Enable mirroring between the main office and the Azure virtual machin
- D. During the planned outage, change the mirroring roles on the Azure virtual machine to become the primary server, and then break the mirror.
- E. Run a full backup during the outage and restore the backup to the Azure virtual machine.
- F. Implement merge replication between the main office and the Azure virtual machine.

Answer: B

Explanation: <https://blogs.msdn.microsoft.com/buckwoody/2013/01/08/microsoft-windows-azure-disaster-recovery-options-f>

NEW QUESTION 14

You are evaluating whether an Azure SQL Database elastic database pool suits your workload and usage patterns. What are two possible ways to identify the elastic database transaction units (eDTUs)? Each correct answer presents a complete solution.

- A. Aggregate data from sys.dm_os_wait_stats.
- B. Run the Database Engine Tuning Advisor.
- C. Run the Service Tier Advisor.
- D. Aggregate data from sys.dm_db_resource_stats.
- E. Aggregate data from sys.dm_os_performance_counters.

Answer: DE

Explanation: Topic 3, Contoso, Ltd.Overview

Contoso, Ltd. is a national scientific research company that has sales, marketing, and research departments. Contoso has a main office in Dallas and more than

20 satellite offices across the United States. Some employees work off-site at customer locations. Contoso is expected to double in size during the next two years.

Existing Environment

The Microsoft SQL Server environment contains the servers configured as shown in the following table.

Server name	Role	Application name
SQL01	Online Transaction Processing (OLTP) primary database	One Sale
SQL02	A mirror of SQL01 and used for ad hoc reporting	One Report
SQL03	A data warehouse	One Data
Research01	A database server used by the research department	Research Gen II

Contoso currently uses SQL Server 2008 R2 on all of the database servers. SQL01 currently requires six cores and 50 GB of memory. Once a day, database snapshots are taken on the mirror to provide ad hoc reporting and to load the data warehouse. One report is used for ad hoc reporting by using the mirrored copy of the OLTP database. Research Gen II is a Windows application that users currently access by using Remote Desktop.

Requirements

Business Goals

Contoso identifies the following business goals:

- Minimize the costs associated with purchasing hardware and software.
- Prevent any negative impact on performance when moving database platforms to the cloud.
- Audit user access to and query execution on all of the databases in the research department.

Planned changes

Contoso plans to implement the following changes:

- Upgrade SQL03 from SQL Server 2008 R2 to SQL Server 2014 on Windows Server 2012 R2.
- Migrate SQL01 and SQL02 to Infrastructure as a Service (IaaS) on SQL Server 2014.
- Leverage cloud services for a disaster recovery location and for high availability.
- Replace Research Gen II with a cloud-based application named One Research. The database for this application will be migrated to a cloud service.

Departmental Requirements

Senior research project leaders must be able to upload databases to the cloud. Initially, the databases will be less than 3 GB. Some databases may grow to 50 GB. The databases must be recoverable to any point during the past two weeks.

The research project leaders must monitor the performance of their databases. They must view statistics, such as query performance and overall database performance.

The marketing department plans to use cloud services to host web applications for marketing campaigns. The databases for the web applications have the requirements shown in the following table.

Marketing campaign	Database size	Number of users	Recovery point objective (RPO)	High-availability requirement
Campaign 1	1 GB	10	2 weeks	Failover
Campaign 2	200 GB	100	2 weeks	Failover and read-only
Campaign 3	200 GB	100	3 weeks	Failover

Technical Requirements

Contoso identifies the following technical requirements:

- OLTP will be offloaded to Microsoft Azure virtual machines.
- The data for One Report must not be more than 15 minutes old.
- All of the databases for the OLTP system must be implemented on solid state drives (SSDs).
- A solution for the OLTP system must be created to provide disaster recovery and reporting between SQL01 and SQL02.
- All databases, except for the research and marketing databases, must be recoverable to any point during the last 30 days.
- A solution for the data warehouse system must be created to provide disaster recovery between SQL03 and an Azure virtual machine named SQL04.

You establish a site-to-site VPN to Microsoft Azure.

You need to implement a high-availability solution for the data warehouse. The solution must meet the business goals and the technical requirements.

Which two actions should you perform? Each correct answer presents part of the solution.

- A. Configure the databases to be in Full recovery model.
- B. Create an AlwaysOn availability group between SQL03 and SQL04.
- C. Implement iSCSI storage.
- D. Migrate SQL03 to an Azure virtual machine and configure an AlwaysOn availability group

Answer: AB

NEW QUESTION 23

A solution for the data warehouse system must be created to provide disaster recovery between SQL03 and an Azure virtual machine named SQL04.

You need to ensure that the performance statistics for the research department are collected. What should you enable?

- A. Query Performance Insight
- B. Scale and Configuration
- C. Dynamic Data Masking
- D. Index advisor

Answer: A

Explanation: References:

<https://azure.microsoft.com/en-gb/documentation/articles/sql-database-query-performance/>

NEW QUESTION 26

You are planning the migration of SQL01 to an Azure virtual machine.

You need to identify which service tier to use for the virtual machine. The solution must meet the business goals and the technical requirements.

Which virtual machine service tier should you identify?

- A. Standard D3
- B. Standard A7
- C. Standard G2
- D. Standard DS13

Answer: D

NEW QUESTION 27

You need to identify which service tier to use for the research department databases. The solution must meet the business goals and the department requirements.

What should you identify?

- A. an Azure virtual machine on the Basic service tier
- B. an Azure SQL database on the Basic service tier
- C. an Azure virtual machine on the Standard service tier
- D. an Azure SQL database on the Standard service tier
- E. an Azure SQL database on the Premium service tier

Answer: D

NEW QUESTION 30

A solution for the data warehouse system must be created to provide disaster recovery between SQL03 and an Azure virtual machine named SQL04.

You need to tell the research project leaders how to migrate their databases.

Which task should you instruct the leaders to use from SQL Server Management Studio?

- A. Extract Data-tier Application
- B. Deploy Database to a Microsoft Azure VM
- C. Deploy Database to a Microsoft Azure SQL Database
- D. Copy Database

Answer: C

Explanation: References:

<https://azure.microsoft.com/en-gb/documentation/articles/sql-database-cloud-migrate-compatible-using-ssms-mi>

NEW QUESTION 33

A solution for the data warehouse system must be created to provide disaster recovery between SQL03 and an Azure virtual machine named SQL04.

You are evaluating the use of active geo-replication for one of the research department databases. You need to identify which service tier to use for the database.

The solution must meet the department requirements and the business requirements.

What should you identify?

- A. Premium 1
- B. Premium 14
- C. Standard S0
- D. Basic

Answer: C

Explanation: References:

<https://azure.microsoft.com/en-gb/documentation/articles/sql-database-service-tiers/>

Topic 4, Relecloud

Overview

General overview

Relecloud is an international data services company that has 3,000 users. The company has a sale department a marketing department a research department and a human resources department.

Physical location

Relecloud has one office in Seattle. The company has customers through cut North America and Europe. Relecloud has most of its computing infrastructure located in a datacenter in Los Angeles. The company also

has a few servers that are configured as Microsoft Azure virtual machines.

Existing Environment

Active Directory

The network contains an active Directory forest named relecloud.com. The forest contains two domains named relecloud.com and relecloud local. The functional level of the domain is Window Server 2008 R2.

Each office contains five domain controllers. Each office is configured as an Active Directory site. Current business model

Relecloud maintains a single Microsoft SQL Server database named Database 1. Database 1 hosts all of the data for the customers of Relecloud. Database 1 has a total of 600 GB of data.

Relecloud provides data for its customers by using several method of delivery. such as comma-separated value (CSV) files and fixed-width text files. All of the files are delivered by using file Transfer protocol (FTP) or Secure FTP (SFTP).

The SQL Server environment contains two on-premises servers and one server in the Azure region of US West. The Azure of US West, The Azure infrastructure contains an ExpressRoute connection.

The network contains the SQL server configured as shown in the following table.

Server name	Location	CPU count	RAM
ServerDB1	On-premises	16	512 GB
ServerDB2	On-premises	16	512 GB
AzDB01	US West region	16	112 GB

ServerDB1 and Server DB2 are members of an availability group. Problem statements

Relecloud identifies several issues with its current data storage model. Multiple customers report that they have issues loading files into relational databases.

Additionally, Relecloud administrators often fail to

communicate with the FTP servers of the Relecloud customers.

Currently, the memory and the CPU of ServerDB1 and ServerDB2 are nearly fully utilized.

Requirements

Business goals

Relecloud plans to take a leadership role in its industry and modernize its delivery method. The company also plans to offer its customers easier access to its data.

Planned changes

Relecloud plans to move all of its customers to a delivery model that uses Azure SQL Database and plans to maintain a single database for each customer.

Relecloud plans to automate the process of creating the required infrastructure for each new customers is approximately 10 GB and has a static size. The new

customers require a rapid response time to database queries and each customer has five to concurrent logins.

Security requirements

Relecloud identifies the following security requirements: Customers must be able to read data only.

Customers must be able to create custom views.

Customers must be able to use two-factor authentication when accessing Azure SQL databases. Technical requirements

Relecloud identifies the following technical requirements:

Database administrators must be notified when the CPU pressure of AzD801 must be able to respond to customer requests for data.

Auditing requirements:

All of the requests from the stored procedures that are run against the Azure SQL databases must be logged. All auditing information must be viewable in Microsoft Excel in Real-time.

NEW QUESTION 34

You plan to prepare the environment for the planned new customers. You need to deploy a base copy of DB1 for each customer in Azure.

Which cmdlets should you use in the Azure PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not 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.

Get-AzureRmRecoveryServices
Backup

Get-AzureRmSqlDatabase

New-AzureRmSqlDatabase

Restore-AzureRmSqlDatabase

Set-AzureRmSiteRecovery
Protection

Answer Area

\$CustomerData = Value =ResourceGroupName "RG1"

-ServerName "server1" =DatabaseName "DG1"

Value -fromPointInTimeBackup -PointInTime UTCDateTime

-ResourceGroupName \$CustomerData.ResourceGroupName -ServerName \$CustomerData.ServerName

-TargetDatabaseName "CustomerDatabase" -ResourceId \$CustomerData.ResourceId

-ElasticPoolName "EP1"

Answer:

Explanation: Box 1: Get-AzureRmSqlDatabase

The Get-AzureRmSqlDatabase cmdlet gets one or more Azure SQL databases from an Azure SQL Database Server.

Partial syntax:

Get-AzureRmSqlDatabase [[-DatabaseName] <String>] [-ServerName] <String>

[-ResourceGroupName] <String> Box 2: Restore-AzureRmSqlDatabase

The Restore-AzureRmSqlDatabase cmdlet restores a SQL database from a geo-redundant backup, a backup of a deleted database, a long term retention backup, or a point in time in a live database. The restored database is created as a new database.

Partial syntax:

Restore-AzureRmSqlDatabase

[-FromLongTermRetentionBackup]

-ResourceId <String>

-ServerName <String>

-TargetDatabaseName <String> [-Edition <String>]

[-ServiceObjectiveName <String>] [-ElasticPoolName <String>]

[-AsJob]

[-LicenseType <String>]

[-ResourceGroupName] <String>

[-DefaultProfile <IAzureContextContainer>] [<CommonParameters>]

e:

<https://docs.microsoft.com/en-us/powershell/module/azurermsql/get-azurermsqldatabase?view=azurermps-6.7.0> <https://docs.microsoft.com/en-us/powershell/module/azurermsql/restore-azurermsqldatabase?view=azurermps-6>

NEW QUESTION 37

Users at Relecloud report slow performance when viewing reports from AzD801. You need to identify the cause of the performance issue as quickly as possible.

Which dynamic management view and performance monitor counter should you use? To answer, select the appropriate options in the answers area.

NOTE: Each correct selection is worth one point.

Dynamic management view:

▼

Sys.dm_io_cluster_shared_drives
Sys.dm_io_virtual_file_stats
Sys.dm_os_schedulers

Performance Monitor counter:

▼

Page Life Expectancy
Page Reads/sec
Processor Queue Length

Answer:

Explanation: Box 1: Sys.dm_io_virtual_file_stats

Sys.dm_io_virtual_file_stats returns I/O statistics for data and log files. Box 2:

Page reads/sec indicates the number of physical database page reads that are issued per second. This statistic displays the total number of physical page reads across all databases. Because physical I/O is expensive, you may be able to minimize the cost, either by using a larger data cache, intelligent indexes, and more efficient queries, or by changing the database design.

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/system-dynamic-management-views/sys-dm-io-virtual> <https://docs.microsoft.com/en-us/sql/relational-databases/performance-monitor/monitor-cpu-usage?view=sql-ser>

NEW QUESTION 38

You need to recommend a solution to meet the reporting requirements of App3. What should you include in the recommendation?

- A. SQL Server replication
- B. database mirroring
- C. AlwaysOn Availability Groups
- D. Azure Data Sync

Answer: D

NEW QUESTION 39

You need to migrate DB2 to Azure.

Which utility should you use for each task? To answer, drag the appropriate utilities to the correct tasks. Each utility may be used once, more than once, or not at all. You made need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Utilities

azcopy

bcp

mysql

mysqldump

Answer Area

Export from on-premises DB2:

Utility

Import to DB2 in Azure:

Utility

Answer:

Explanation: Box 1: mysqldump

Use common utilities and tools such as MySQL Workbench, mysqldump, Toad, or Navicat to remotely connect and restore data into Azure Database for MySQL.

Box 2: azcopy

AzCopy is a command-line tool for copying data to or from Azure Blob storage, Azure Files, and Azure Table storage, by using simple commands. The commands are designed for optimal performance. You can copy data between a file system and a storage account, or between storage accounts.

App2 is developed by using third-party open source code that is updated frequently. The database for App2 is named DB2. App2 only supports MySQL.

Reference:

<https://docs.microsoft.com/en-us/azure/mysql/concepts-migrate-import-export>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-migrate-on-premises-data?tabs=win>

NEW QUESTION 41

You need to prepare the Azure environment for the planned migration of DB1. The solution must meet the requirements of the finance department.

Which two tasks should you perform in Azure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure a Filtered replication publication
- B. Create an Azure virtual machine that runs SQL Server
- C. Configure multiple active replicas.
- D. Create an Azure SQL database.

Answer: AD

Explanation: References:

<https://docs.microsoft.com/en-us/sql/relational-databases/replication/publish/filter-published-data?view=sql-serv>

NEW QUESTION 43

You have a Microsoft Azure SQL database.

You need to provide a copy of the database to an auditor. What should you do?

- A. Run the CREATE DATABASE statement and use the AS COPY OF clause.
- B. Run the CREATE DATABASE statement and use the AS SNAPSHOT OF clause.
- C. Run the sp_detach_db stored procedure and the sp_attach_db stored procedure.
- D. Run the BACKUP DATABASE statement and the RESTORE DATABASE statement.

Answer: A

Explanation: Azure SQL Database does not support the BACKUP DATABASE statement. References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-copy#copy-a-database-by-using-transact-sql>

NEW QUESTION 48

You have a Microsoft SQL Server instance on a Microsoft Azure virtual machine.

The members of an Active Directory group named HelpDesk can log in to the SQL Server instance. You need to ensure that the members of HelpDesk can query dynamic management views and gather performance metrics from the SQL Server instance.

Which three actions should you perform? Each correct answer presents part of the solution.

- A. Add HelpDesk to the db_owner role for all of the databases.
- B. Add HelpDesk to the new role.
- C. Grant VIEW ANY DATABASE to the new role.
- D. Grant VIEW SERVER STATE to the new role.
- E. Create a database role.
- F. Create a server role.

Answer: BDF

Explanation: References:

<https://msdn.microsoft.com/en-us/library/ms188754.aspx>

NEW QUESTION 52

You have a Microsoft Azure SQL database. You need to configure the database to issue an alert when DTU consumption reaches 80 percent.

What should you create?

- A. a SQL Serve Extended Events session
- B. an Azure Automation job
- C. a Query Performance Insight chart
- D. an alert rule in Azure

Answer: D

Explanation: References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-insights-alerts-portal>

NEW QUESTION 57

You have Microsoft SQL Server installed on a Microsoft Azure virtual machine named VM1. VM1 is provisioned by using the classic deployment model and is on the Standard GS5 service tier.
The virtual machine is used for testing purposes only.
You need to minimize the costs associated with VM1 when the virtual machine is unused. Which command should you use?

- A. Update-AzureVM
- B. Stop-AzureVM
- C. Suspend-VM
- D. Stop-VM

Answer: B

Explanation: References:
<https://msdn.microsoft.com/en-us/library/azure/dn495269.aspx>

NEW QUESTION 62

You have a Microsoft Azure virtual machine that has Microsoft SQL Server installed. The virtual machine contains five databases. You need to identify whether the performance of queries to the databases has degraded during the last two weeks. Which SQL Server feature should you use?

- A. server-side tracing
- B. Extended Events
- C. Query Store
- D. Policy-Based Management

Answer: B

NEW QUESTION 66

You plan to implement a Microsoft Azure SQL database.
You need to create and manage the new database on a new server.
Which three cmdlets should you use? Each correct answer presents part of the solution.

- A. New-AzureSqlDatabaseServer
- B. New AzureSqlDatabaseServerFirewallRule
- C. New-AzureSqlDatabaseServerContext
- D. New-AzureVM
- E. New-AzureSqlDatabase

Answer: ACE

Explanation: References:
<https://msdn.microsoft.com/en-us/library/dn546722.aspx>

NEW QUESTION 67

You need to export a Microsoft Azure SQL database named DB1 from a server named Server1. The credentials to connect to Server1 are stored in a variable named Credential.
The backup of the database must be stored in a storage account named Storage1 in a container named container1.
Which commands should you run in an Azure PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth are point.

Values

Get-AzureSqlDatabaseServer

Get-AzureStorageContainer

New-AzureRmSqlDatabaseExport

New-AzureSqlDatabaseServerContext

New-AzureStorageContext

Start-AzureSqlDatabaseExport

Answer Area

\$SqlCtx = Value -ServerName Server1 -Credentials \$credential

\$StorageCtx = Value -StorageAccountName Storage1 -StorageAccountKey \$StorageKey

\$Container = Value -Name \$ContainerName -Context Container1

Value -SqlConnectionContext \$SqlCtx -StorageContainer \$Container -DatabaseName db1 -BlobName db1.bacpac

Answer:

Explanation:

Values

Get-AzureSqlDatabaseServer

Get-AzureStorageContainer

New-AzureRmSqlDatabaseExport

New-AzureSqlDatabaseServerContext

New-AzureStorageContext

Start-AzureSqlDatabaseExport

Answer Area

\$SqlCtx = Get-AzureStorageContainer -ServerName Server1 -Credentials \$credential

\$StorageCtx = Start-AzureSqlDatabaseExport -StorageAccountName Storage1 -StorageAccountKey \$StorageKey

\$Container = Get-AzureSqlDatabaseServer -Name \$ContainerName -Context Container1

New-AzureStorageContext -SqlConnectionContext \$SqlCtx -StorageContainer \$Container -DatabaseName db1 -BlobName db1.bacpac

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NEW QUESTION 69

You have four Microsoft Azure SQL databases. You need to configure cross-database queries.

Which four statements should you use in sequence? To answer, move the appropriate statements from the list of statements to the answer area and arrange them in the correct order.

Statements

Answer Area

CREATE EXTERNAL DATABASE

CREATE MASTER KEY

CREATE EXTERNAL TABLE

CREATE EXTERNAL DATA SOURCE

CREATE DATABASE SCOPED CREDENTIAL

CREATE SHARD MAP



Answer:

Explanation: References:

<https://azure.microsoft.com/en-gb/documentation/articles/sql-database-elastic-query-overview/>

NEW QUESTION 72

Your company has two offices. The offices are located in London and New York.

The London office has a public IP of 131.107.1.1 and a private IP subnet of 192.168.4.0/24. The New York office has a public IP of 131.107.15.1 and a private IP subnet of 192.168.8.0/24.

You have a Microsoft SQL Server database that is hosted on a Microsoft Azure virtual machine. Currently, only the users in the London office use the database.

You need to create a new firewall rule to provide the users in the New York office with access to the database. The solution must protect the database from being accessed by users on the public Internet.

What should you do?

- A. Modify the endpoint from the Azure portal.
- B. Use the `sp_set_database_firewall_rule` stored procedure.
- C. Disable the Windows Firewall on the Azure virtual machine.
- D. Run the `New-AzureSqlDatabaseServerFirewallRule` Azure PowerShell cmdlet.
- E. Use the Set Firewall Rule REST API.

Answer: A

Explanation: This Microsoft SQL Server database is hosted on a Microsoft Azure virtual machine. Therefore, remote access will be provided via the endpoint rather than a database level firewall rule.

NEW QUESTION 74

You have Microsoft SQL Server installed on a Microsoft on a Microsoft Azure virtual machine.

One of the databases on the virtual machine supports a highly active Online Transaction Processing (OLTP) application.

Users report abnormally long wait times when they submit data in the application.

Which two tools can you use to identify the longest running queries? Each correct answer presents a complete solution.

- A. dynamic management views
- B. SQL Server Extended Events
- C. Database Engine Tuning Advisor
- D. the job Activity Monitor
- E. SQL metrics in Azure Diagnostics for the virtual machine

Answer: AB

NEW QUESTION 79

You need to create a Microsoft Azure Resource manager template. Which file format should you use?

- A. XML
- B. text
- C. JSON
- D. binary

Answer: C

NEW QUESTION 83

You plan to migrate a 150-GB on-premises database to a Microsoft Azure virtual machine.

The domains in your network are untrusted. The network has 1.5 Mbps of available bandwidth. You need to migrate the data to the Azure virtual machine as quickly as possible.

What should you use?

- A. a database snapshot
- B. Copy Database Wizard
- C. the Azure Import/Export service
- D. Microsoft SQL Server replication

Answer: C

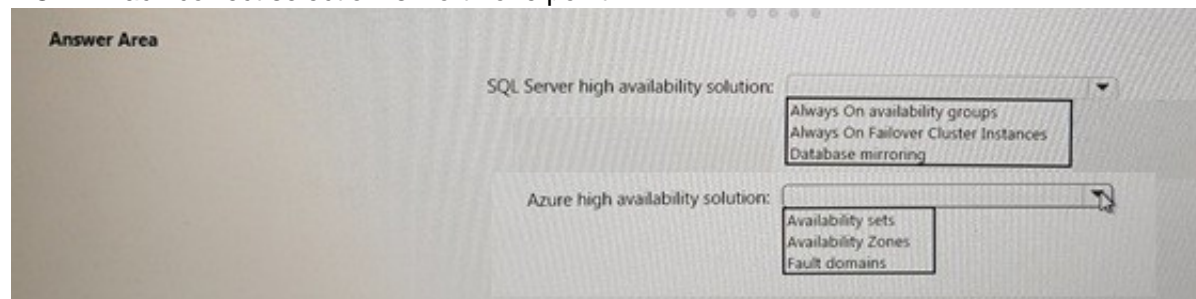
NEW QUESTION 87

You need to design a highly available Microsoft SQL Server environment in Microsoft Azure that meets the following requirements.

- * Prevents data loss if an Azure data center becomes unavailable
- * Fails over to another Azure region without causing data loss if an Azure region becomes unavailable

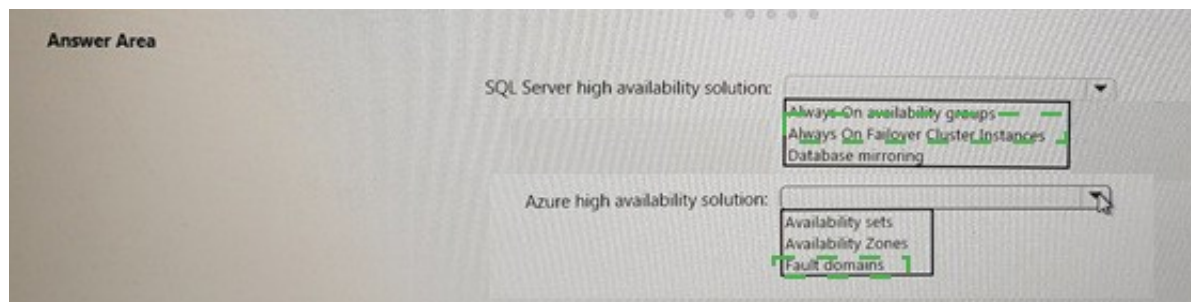
Which solution should you include in the environment? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 90

You recently implemented a Microsoft Azure SQL data warehouse.

You discover that during peak hours, the data warehouse takes longer than expected to generate reports. You need to reduce the amount of time it takes to generate the reports.

What should you do from the Azure portal?

- A. Increase the number of Database Throughput Units (DTUs).
- B. Add storage to the data warehouse.
- C. Increase the number of Data Warehouse Units (DWUs).

Answer: A

NEW QUESTION 94

You have Microsoft SQL Server installed on a Microsoft Azure virtual machine. The virtual machine is on the Standard D3 service tier. All of the data files for the databases on the virtual machine are located on a single volume that is mounted as drive E.

The virtual machine experiences performance issues.

You view the wait statistics and discover a high number of GEIOLATCH_SH waits associated to the tempdb data files.

You need to resolve the performance issues. What should you do?

- A. Move the tempdb data files to drive D.
- B. Move the tempdb data files to drive C.
- C. Change the service tier of the virtual machine to Standard D12.
- D. Change the service tier of the virtual machine to Standard DS3.

Answer: A

NEW QUESTION 95

You have a Microsoft Azure SQL database named DB1 and a copy of DB1 named DB1Test. You use DB1Test to test the deployment of major updates to the database.

You discover that DB1Test contains outdated data.

You need to ensure that DB1Test contains recent data from DB1.

Which two statements should you execute? Each correct answer presents part of the solution. Not: Each correct selection is worth one point.

- A. CREATE DATABASE DB1Test AS Snapshot OF DB1;
- B. CREATE DATABASE DB1Test AS COPY OF DB1;
- C. SELECT d.name AS DBName, d.state_desc FROM sys.databases d WHERE name = DB1Test';
- D. DROP DATABASE DB1Test;

E. ALTER DATABASE DB1Test SET ONLINE;

Answer: AB

NEW QUESTION 99

You have a Microsoft Azure SQL database.

Users report that queries to the database take longer than expected to complete.

You need to identify the amount of CPU resources that the database used during the last week. What should you do?

- A. Use the Azure portal to view the monitoring details of the Azure SQL database.
- B. Query the sys.dm_os_performance_counters dynamic management view.
- C. Review the performance metrics by using Microsoft System Center.
- D. Use Performance Monitor to connect to the Azure SQL database.

Answer: A

NEW QUESTION 102

Your company has a Microsoft Azure SQL database that is hosted in the West US region and uses the S1 performance level.

You need to ensure that the database is available as quickly as possible if the database is deleted accidentally. The solution must minimize data loss.

What should you implement for the database?

- A. Active Geo-Replication
- B. database mirroring
- C. BACPAC exports
- D. log shipping

Answer: A

NEW QUESTION 103

You manage a large Microsoft Azure SQL database. The database contains data that changes several thousand times each day.

You need to ensure that the performance of the database stays consistent when the data changes. What should you do?

- A. Update the statistics of all the tables in the database.
- B. Clear the procedure cache of the database.
- C. Run a consistency check on the tables in the database.
- D. Enable Extended Events for the server that contains the database.

Answer: C

NEW QUESTION 105

You have a Microsoft Azure Infrastructure as a Service (IaaS) environment that contains a 3-TB data warehouse.

You need to recommend a solution to improve the read performance of the database. The solution must maintain data integrity.

Which task should you include in the recommendation?

- A. Enable read caching.
- B. Move the transaction logs to the temporary drive.
- C. Enable read/write caching.
- D. Set the interleave size to 64 KB.

Answer: A

NEW QUESTION 106

You have 10 Microsoft Azure SQL databases. One of the databases is named DB1.

You need to ensure that only a specific IP address can be used to access DB1. The solution must affect only DB1.

What should you use?

- A. the sp_set_database_firewall_rule statement
- B. the New-AzureSqlDatabaseServerFirewallRule cmdlet
- C. the Azure portal to add an endpoint
- D. the Set-AzureSqlDatabaseServerFirewallRule cmdlet

Answer: B

NEW QUESTION 109

You have a Microsoft Azure SQL database named DB1 on a logical server named Server148923034.database.windows.net. You need to restore DB1 to another database named DB2 on the same server.

Which Azure PowerShell command should you run first? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 111

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 plan to configure auditing for a Microsoft SQL Server instance that contains 17 databases.

You need to audit all of the SELECT statements that are executed against all of the databases. The solution must ensure that all gathered information is written to the application log.

Solution: You create a Database Audit Specification in each database. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 116

Your company has an application that uses several Microsoft Azure SQL databases. New databases are added regularly as customers sign up for new services. Databases are removed regularly as customers cancel the services.

You create an auditing policy.

You plan to configure auditing for all of the databases.

You need to ensure that all of the databases are audited constantly. Which cmdlet should you use?

- A. Set-AzureRmSqlDatabaseAuditingPolicy
- B. Use-AzureRmSqlServerAuditingPolicy
- C. Set-AzureRmSqlServerAuditingPolicy
- D. New-AzureRmOperationalInsightsAzureAuditDataSource

Answer: C

NEW QUESTION 118

Your Microsoft Azure environment contains an elastic pool that has 2,000 eDTUs. The current available storage for the pool is 500 GB. At 10:00 each morning, the databases in the pool are slow to respond to queries. You need to improve the response time of the databases. What should you do?

- A. From the properties of the pool, increase the value of the eDTUs for the pool.
- B. From the properties of each database in the pool, increase the value of the maximum eDTUs.
- C. From the properties of the pool, increase the size of the storage.
- D. From the properties of each database in the pool, increase the value of the minimum eDTUs.

Answer: A

NEW QUESTION 123

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 a Microsoft Azure tenant. You need to provision a new Azure Database for MySQL server database in the tenant. Solution: You run the CREATE DB command from the mysql command prompt. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: References:
<https://docs.microsoft.com/en-us/azure/mysql/quickstart-create-mysql-server-database-using-azure-portal>

NEW QUESTION 124

You plan to deploy a highly available Microsoft SQL Server solution in Microsoft Azure to two virtual machines. Each virtual machine contains an OS disk and four data disks. You plan to configure both virtual machines to share a single public IP address. You need to recommend a highly availability solution to ensure that all the databases are available if a single server fails. What should you recommend including in the solution?

- A. log shipping
- B. Always On Failover Cluster Instances
- C. Always On availability groups
- D. database mirroring

Answer: B

NEW QUESTION 129

You have a hybrid Microsoft SQL Server environment that has multiple servers and services that run in both Microsoft Azure and on-premises. If the network fails, you need to ensure that users can authenticate and connect to the resources available in Azure. Which two server roles should you deploy to Azure? Each correct answer presents part of the solution.

- A. Active Directory Federation Services
- B. Active Directory Certificate Services
- C. DHCP Server
- D. Active Directory Domain Services
- E. DNS Server

Answer: AD

NEW QUESTION 133

You have a Microsoft Azure SQL database named Database1. You need to implement the Always Encrypted feature for Database1. In which sequence should you execute the code blocks? To answer, move all the code blocks from the list of code blocks to the answer area and arrange them in the correct order.

Code Blocks

```
ALGORITHM = 'RSA_OAEP',
ENCRYPTED_VALUE = 0x1
```

```
)
GO
```

```
CREATE COLUMN MASTER KEY [MasterKey]
WITH
(
```

```
KEY_STORE_PROVIDER_NAME = N'MSSQL_CERTIFICATE_STORE',
KEY_PATH = N'CurrentUser/My/58780D6438796E91A85F0850B71C75468CF91D83'
)
GO
```

```
CREATE COLUMN ENCRYPTION KEY [ColumnKey]
WITH VALUES
(
COLUMN_MASTER_KEY = [MasterKey],
```

119

120

Answer Area

119

120

Answer:

Explanation:

Code Blocks

```

CREATE COLUMN MASTER KEY [MasterKey]
WITH
(
KEY_STORE_PROVIDER_NAME = N'MSSQL_CERTIFICATE_STORE',
KEY_PATH = N'CurrentUser/My/58780D6438796E91A85F0850871C75468CF91DB3'
)
GO

```

Answer Area

1

```

CREATE COLUMN ENCRYPTION KEY [ColumnKey]
WITH VALUES
(
COLUMN_MASTER_KEY = [MasterKey],

```

2

```

ALGORITHM = 'RSA_OAEP',
ENCRYPTED_VALUE = 0x1

```

3

```

)
GO

```

NEW QUESTION 137

You have a Microsoft Azure SQL database. The database is hosted in the West US region and uses the Premium service tier. Users of the database are located in Los Angeles, New York, and Singapore.

The users in Singapore report that when they run reports against the database, the reports take a long time to complete. The reports contain thousands of rows. You need to recommend a solution to resolve the performance issue. The solution must maintain the performance for the other users. What should you include in the recommendation?

- A. Move the Azure SQL database from the West US region to the East Asia region.
- B. Implement Azure ExpressRoute for the subscription.
- C. Configure a readable geo-replica in the East Asia region.
- D. Configure pagination for the report.

Answer: C

NEW QUESTION 140

NO: 157 DRAG DROP

You are monitoring a Microsoft Azure SQL database. You need to view which queries users are running against the database currently.

Which statement should you use? To answer, drag the appropriate elements to the correct locations. Each element may be used once, more than once, or not 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.

Code Elements

sys.dm_exec_connections
sys.dm_exec_cursors
sys.dm_exec_distributed_sql_requests
sys.dm_exec_query_plan
sys.dm_exec_requests
sys.dm_exec_sql_text

Answer Area

```

SELECT session_id, USER_NAME(user_id), text
FROM
CROSS APPLY (sql_handle)

```

Answer:

Explanation: **Answer Area**

```

SELECT session_id, USER_NAME(user_id), text
FROM sys.dm_exec_requests
CROSS APPLY sys.dm_exec_sql_text (sql_handle)

```

NEW QUESTION 144

You have a Microsoft Azure SQL database.

You discover that the workload grows over time.

You are evaluating whether to switch to a higher service tier for the database. You need to examine the system utilization trends over time.

Which dynamic management view should you query?

- A. sys.dm_exec_query_stats
- B. sys.events
- C. sys.resource_stats
- D. sys.dm_db_missing_index_details

Answer: C

NEW QUESTION 145

DRAG DROP

Your company has a Microsoft Azure subscription that contains 20 Azure SQL databases on a single Microsoft SQL Server.

You need to ensure that you can aggregate results from the databases in a single query.

Which five components should you create in sequence? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Components	Answer Area
a shard map manager	
a central database	
external data sources	
external tables	
a master key and credentials	

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-query-horizontal-partitioning>

NEW QUESTION 146

You have a Microsoft Azure SQL database named Database1.

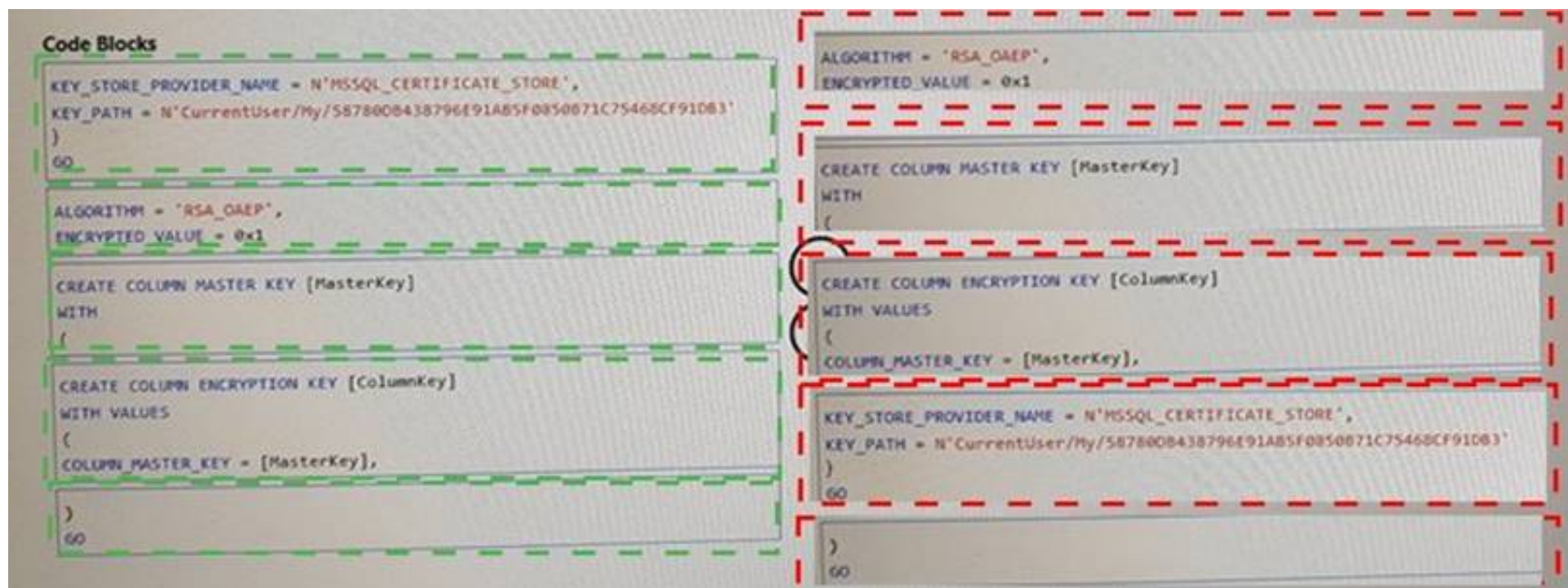
You need to implement the Always Encrypted feature for Database1.

In which sequence should you execute the code blocks? To answer, move all the code blocks from the list of code blocks to the answer area and arrange them in the correct order.

Code Blocks	Answer Area
<pre>KEY_STORE_PROVIDER_NAME = N'MSSQL_CERTIFICATE_STORE', KEY_PATH = N'CurrentUser/My/587800B438796E91A85F0850071C75468CF910B3' } GO</pre>	<div>></div> <div><</div>
<pre>ALGORITHM = 'RSA_OAEP', ENCRYPTED_VALUE = 0x1</pre>	
<pre>CREATE COLUMN MASTER KEY [MasterKey] WITH (</pre>	
<pre>CREATE COLUMN ENCRYPTION KEY [ColumnKey] WITH VALUES (COLUMN_MASTER_KEY = [MasterKey],</pre>	
<pre>) GO</pre>	

Answer:

Explanation:



NEW QUESTION 150

You need to recommend a high-availability solution in Microsoft Azure that meets the following requirements:

- Must host a distribution database.
- Must be stored in the East US region.
- Must be available if a single node fails.
- Must be able to replicate data to Microsoft SQL Servers. What should you include in the recommendation?

- A. an Always On availability group
- B. a database mirror
- C. Always On Failover Clustering
- D. Active SQL Data Sync

Answer: A

Explanation: References:

<https://docs.microsoft.com/en-us/sql/relational-databases/replication/configure-distribution-availability-group?vi>

NEW QUESTION 155

You are designing the database for a new application. The application will have 7,500 users located in New York and 2,500 users located in Paris. Users of the application will load large amounts of data into a database in their region.

You need to recommend an architecture that will minimize latency while data is loaded.

What are two possible architectures that achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

- A. Microsoft Azure virtual machines that use Peer to Peer Replication and have one instance in the East US region and one instance in the West Europe region.
- B. Microsoft Azure SQL databases that have a primary database in the East US region and an active secondary database in the West Europe region.
- C. Microsoft Azure virtual machines that use AlwaysOn Availability Groups and have one replica in the East US region and one replica in the West Europe region.
- D. Microsoft Azure virtual machines that use Merge Replication and have one instance in the East US region and one instance in the West Europe region.
- E. Microsoft Azure SQL databases that have a primary database in the West Europe region and an active secondary database in the East US region.

Answer: AD

NEW QUESTION 160

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 a Microsoft Azure tenant.

You need to provision a new Azure Database for MySQL server database in the tenant. Solution: You run the `az sql db create` command from Azure Cloud Shell. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 164

Your network contains a primary site that has an AlwaysOn Availability Group.

You plan to create a new Microsoft Azure subscription that will use AlwaysOn Availability Groups on Microsoft Azure virtual machines.

You need to ensure that you can activate AlwaysOn Availability Groups on the Azure virtual machines if the primary site fails.

Which four actions should you perform in sequence in the Azure infrastructure? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Deploy the Microsoft SQL Server AlwaysOn Azure virtual machine template.	
Manually configure an AlwaysOn availability group on Azure virtual machines.	
Set up a site-to-site VPN.	
Deploy domain controllers on Azure virtual machines.	
Configure the Azure DHCP settings.	
Implement Azure Active Directory (Azure AD).	

Answer:

Explanation:

Answer Area
Set up a site-to-site VPN.
Configure the Azure DHCP settings.
Deploy domain controllers on Azure virtual machines.
Manually configure an AlwaysOn availability group on Azure virtual machines.

NEW QUESTION 167

You need to provision a new Microsoft Azure Database for PostgreSQL server database.
Which two actions should you perform to create the database? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. From Azure Cloud Shell, run the az sql db create command.
- B. From the PostgreSQL command prompt run the create database command.
- C. From PowerShell run the New-object cmdlet.
- D. From the PostgreSQL command prompt, run the CREATEdb command.
- E. From PowerShell, run the New-AzureRmSqlDatabase cmdlet

Answer: BD

NEW QUESTION 172

You have a failover cluster deployed to Microsoft Azure virtual machines.
You plan to deploy a new Microsoft SQL instance to the cluster. The instance will host one database that has 10 file groups.
You provision 10 disks for the instance.
You need to recommend a storage solution that always provides the fastest possible reads for the database. What should you include in the recommendation?

- A. dynamic disks that use striping
- B. one file group per disk
- C. a storage space
- D. dynamic disks that use mirroring

Answer: C

NEW QUESTION 173

You plan to create a data warehouse in Microsoft Azure for development purposes.
The data warehouse must not exceed 10 terabytes (TB) in size. You must minimize costs for the environment. You need to create the data warehouse.
Which Transact-SQL statement should you run?



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 178

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