

**QUESTION 280**

**HOTSPOT**

Your company has offices in New York City, Sydney, Paris, and Johannesburg.

The company has an Azure subscription.

You plan to deploy a new Azure networking solution that meets the following requirements:

Connects to ExpressRoute circuits in the Azure regions of East US, Southeast Asia, North Europe, and South Africa

Minimizes latency by supporting connections in three regions

Supports Site-to-Site VPN connections

Minimizes costs

You need to identify the minimum number of Azure Virtual WAN hubs that you must deploy, and which virtual WAN SKU to use. What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Number of Virtual WAN hubs:

3	▼
1	
2	
3	
4	

Virtual WAN SKU:

Standard	▼
Basic	
Standard	

Answer:

## Answer Area

Number of Virtual WAN hubs:  ▼

Virtual WAN SKU:  ▼

Explanation:

---

### QUESTION 281

You have a .NET web service named Service1 that performs the following tasks:

Reads and writes temporary files to the local file system.

Writes to the Application event log.

You need to recommend a solution to host Service1 in Azure. The solution must meet the following requirements:

Minimize maintenance overhead.

Minimize costs.

What should you include in the recommendation?

- A. an Azure Functions app
- B. an App Service Environment (ASE)
- C. an Azure virtual machine scale set
- D. an Azure App Service web app

Answer: C

Explanation:

---

### QUESTION 282

#### HOTSPOT

You have an Azure subscription.

You plan to deploy five storage accounts that will store block blobs and five storage accounts that will host file shares. The file shares will be accessed by using the SMB protocol.

You need to recommend an access authorization solution for the storage accounts. The solution must meet the following requirements:

Maximize security.

Prevent the use of shared keys.

Whenever possible, support time-limited access.

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

NOTE: Each correct selection is worth one point.

Answer Area

For the blobs:

For the file shares:

Answer:

Answer Area

For the blobs:

For the file shares:

Explanation:

## QUESTION 283

### HOTSPOT

You are designing a data analytics solution that will use Azure Synapse and Azure Data Lake Storage Gen2. You need to recommend Azure Synapse pools to meet the following requirements:

Ingest data from Data Lake Storage into hash-distributed tables.

Implement, query, and update data in Delta Lake.

What should you recommend for each requirement? To answer, select the appropriate options in the answer area

a. NOTE: Each correct selection is worth one point.

#### Answer Area

Ingest data from Data Lake Storage into hash-distributed tables:

Implement, query, and update data in Delta Lake:

Answer:

#### Answer Area

Ingest data from Data Lake Storage into hash-distributed tables:

Implement, query, and update data in Delta Lake:

Explanation:

#### QUESTION 284

You have 100 devices that write performance data to Azure Blob Storage.

You plan to store and analyze the performance data in an Azure SQL database.

You need to recommend a solution to continually copy the performance data to the Azure SQL database.

What should you include in the recommendation?

- A. Azure Database Migration Service
- B. Azure Data Box
- C. Data Migration Assistant (DMA)
- D. Azure Data Factory

Answer: D

Explanation:

#### QUESTION 285

You need to recommend a data storage solution that meets the following requirements:

Ensures that applications can access the data by using a REST connection

Hosts 20 independent tables of varying sizes and usage patterns

Automatically replicates the data to a second Azure region

Minimizes costs

What should you recommend?

- A. an Azure SQL Database elastic pool that uses active geo-replication
- B. tables in an Azure Storage account that use read-access geo-redundant storage (RA-GRS)
- C. an Azure SQL database that uses active geo-replication
- D. tables in an Azure Storage account that use geo-redundant storage (GRS)

Answer: D

Explanation:

---

### **QUESTION 286**

You are designing a solution that calculates 3D geometry from height-map data.

a. You need to recommend a solution that meets the following requirements:

Performs calculations in Azure.

Ensures that each node can communicate data to every other node.

Maximizes the number of nodes to calculate multiple scenes as fast as possible.

Minimizes the amount of effort to implement the solution.

Which two actions should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a render farm that uses virtual machine scale sets.
- B. Enable parallel file systems on Azure.
- C. Create a render farm that uses virtual machines.
- D. Enable parallel task execution on compute nodes.
- E. Create a render farm that uses Azure Batch.

Answer: D, E

Explanation:

---

### **QUESTION 287**

DRAG DROP

You have an Azure subscription. The subscription contains Azure virtual machines that run Windows Server 2022 and Linux.

You need to use Azure Monitor to design an alerting strategy for security-related events. Which Azure Monitor Logs tables should you query? To answer, drag the appropriate tables to the correct log types. Each table 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.

Tables	Answer Area
<div>AzureActivity</div>	Events from Windows event logs: <div></div>
<div>AzureDiagnostics</div>	Events from Linux system logging: <div></div>
<div>Event</div>	
<div>Syslog</div>	

Answer:

Tables	Answer Area
<div>AzureActivity</div>	Events from Windows event logs: <div>Event</div>
<div>AzureDiagnostics</div>	Events from Linux system logging: <div>Syslog</div>
<div>Event</div>	
<div>Syslog</div>	

Explanation:

---

### QUESTION 288

#### DRAG DROP

You have an on-premises datacenter named Site1. Site1 contains a VMware vSphere cluster named Cluster1 that hosts 100 virtual machines. Cluster1 is managed by using VMware vCenter.

You have an Azure subscription named Sub1.

You plan to migrate the virtual machines from Cluster1 to Sub1.

You need to identify which resources are required to run the virtual machines in Azure. The solution must minimize administrative effort.

What should you configure? To answer, drag the appropriate resources to the correct targets. Each resource 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.

**Resources****Answer Area**Sub1: Cluster1: 

Answer:

**Resources****Answer Area**Sub1: Cluster1: 

Explanation:

**QUESTION 289****HOTSPOT**

You have an Azure subscription that contains an Azure key vault named KV1 and a virtual machine named VM1. VM1 runs Windows Server 2022: Azure Edition.

You plan to deploy an ASP.NET Core-based application named App1 to VM1.

You need to configure App1 to use a system-assigned managed identity to retrieve secrets from KV1.

The solution must minimize development effort.

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

NOTE: Each correct selection is worth one point.

**Answer Area**

Configure App1 to use OAuth 2.0:

  
  
  

Configure App1 to use a REST API call to retrieve an authentication token from the:

  
  
  

Answer:

#### Answer Area

Configure App1 to use OAuth 2.0: Client credentials grant flows

Configure App1 to use a REST API call to retrieve an authentication token from the: OAuth 2.0 access token endpoint of Azure AD

Explanation:

#### QUESTION 290

You have 12 on-premises data sources that contain customer information and consist of Microsoft SQL Server, MySQL, and Oracle databases.

You have an Azure subscription.

You plan to create an Azure Data Lake Storage account that will consolidate the customer information for analysis and reporting.

You need to recommend a solution to automatically copy new information from the data sources to the Data Lake Storage account by using extract, transform and load (ETL). The solution must minimize administrative effort.

What should you include in the recommendation?

- A. Azure Data Factory
- B. Azure Data Explorer
- C. Azure Data Share
- D. Azure Data Studio

Answer: A

Explanation:

#### QUESTION 291

##### DRAG DROP

You plan to use Azure Storage to store data assets.

You need to identify the procedure to fail over a general-purpose v2 account as part of a disaster recovery plan. The solution must meet the following requirements:

Apps must be able to access the storage account after a failover.

You must be able to fail back the storage account to the original location.

Downtime must be minimized.

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**

After a failover, configure zone-redundant storage (ZRS) replication for the storage account.
Before a failover, configure geo-redundant storage (GRS) replication for the storage account.
Before a failover, configure zone-redundant storage (ZRS) replication for the storage account.
Initiate a failover.
After a failover, configure geo-redundant storage (GRS) replication for the storage account.

>

<

**Answer Area**

↑

↓

Answer:

**Actions**

After a failover, configure zone-redundant storage (ZRS) replication for the storage account.
Before a failover, configure geo-redundant storage (GRS) replication for the storage account.

>

<

**Answer Area**

1

Before a failover, configure zone-redundant storage (ZRS) replication for the storage account.

↑

2

Initiate a failover.

↓

3

After a failover, configure geo-redundant storage (GRS) replication for the storage account.

↓

Explanation:

**QUESTION 292**  
You plan to use an Azure Storage account to store data assets.  
You need to recommend a solution that meets the following requirements:  
Supports immutable storage  
Disables anonymous access to the storage account  
Supports access control list (ACL)-based Azure AD permissions  
What should you include in the recommendation?

- A. Azure Blob Storage
- B. Azure Data Lake Storage
- C. Azure NetApp Files
- D. Azure Files

Answer: C

Explanation:

**QUESTION 293**  
You have an Azure subscription that contains 1,000 resources.  
You need to generate compliance reports for the subscription. The solution must ensure that the resources can be grouped by department.  
What should you use to organize the resources?

- A. application groups and quotas
- B. resource groups and role assignments
- C. Azure Policy and tags
- D. administrative units and Azure Lighthouse

Answer: C

Explanation:

---

**QUESTION 294**

You have an Azure subscription that contains an Azure Cosmos DB for NoSQL account named account1 and an Azure Synapse Analytics workspace named Workspace1. The account1 account contains a container named Container1 that has the analytical store enabled.

You need to recommend a solution that will process the data stored in Container1 in near-real-time (NRT) and output the results to a data warehouse in Workspace1 by using a runtime engine in the workspace. The solution must minimize data movement.

Which pool in Workspace1 should you use?

- A. serverless SQL
- B. Data Explorer
- C. dedicated SQL
- D. Apache Spark

Answer: A

Explanation:

---

**QUESTION 295**

**HOTSPOT**

You have 100 Azure Storage accounts.

Access to the accounts is restricted by using Azure role-based access control (Azure RBAC) assignments.

You need to recommend a solution that uses role assignment conditions based on the tags assigned to individual resources within the storage accounts.

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