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Question #67

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

A. Azure SQL Database Hyperscale

B. Azure SQL Database Premium Most Voted

C. Azure SQL Database Basic

D. Azure SQL Database Standard

Correct Answer: B

Community vote distribution

B (88%)

12%

Question #68

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Service Bus **Most Voted**

B. Azure Data Lake

C. Azure Traffic Manager

D. Azure Blob Storage

Correct Answer: A

Community vote distribution

A (100%)

Question #69

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

A. Azure SQL Database Basic

B. Azure SQL Managed Instance General Purpose **Most Voted**

C. Azure SQL Database Business Critical **Most Voted**

D. Azure SQL Managed Instance Business Critical

Correct Answer: C

Community vote distribution

C (77%)

B (21%)

Question #70

Topic 4

You have an Azure subscription.

You need to deploy an Azure Kubernetes Service (AKS) solution that will use Windows Server 2019 nodes. The solution must meet the following requirements:

- Minimize the time it takes to provision compute resources during scale-out operations.
- Support autoscaling of Windows Server containers.

Which scaling option should you recommend?

- A. horizontal pod autoscaler
- B. Virtual nodes
- C. Kubernetes version 1.20.2 or newer

D. cluster autoscaler **Most Voted**

Correct Answer: D

Community vote distribution
D (100%)

Question #71

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Fabric
- B. Azure Data Lake

C. Azure Service Bus **Most Voted**

D. Azure Application Gateway

Correct Answer: C

Community vote distribution
C (100%)

Question #72

Topic 4

Your company has offices in North America and Europe.

You plan to migrate to Azure.

You need to recommend a networking solution for the new Azure infrastructure. The solution must meet the following requirements:

- The Point-to-Site (P2S) VPN connections of mobile users must connect automatically to the closest Azure region.
- The offices in each region must connect to their local Azure region by using an ExpressRoute circuit.
- Transitive routing between virtual networks and on-premises networks must be supported.
- The network traffic between virtual networks must be filtered by using FQDNs.

What should you include in the recommendation?

- A. Azure Virtual WAN with a secured virtual hub Most Voted
- B. virtual network peering and application security groups
- C. virtual network gateways and network security groups (NSGs)
- D. Azure Route Server and Azure Network Function Manager

Correct Answer: C

Community vote distribution

A (93%)

5%

Question #73

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Business Critical Most Voted
- B. Azure SQL Managed Instance Business Critical
- C. Azure SQL Database Standard
- D. Azure SQL Managed Instance General Purpose

Correct Answer: A

Community vote distribution

A (88%)

12%

Question #74

Topic 4

You are designing a point of sale (POS) solution that will be deployed across multiple locations and will use an Azure Databricks workspace in the Standard tier. The solution will include multiple apps deployed to the on-premises network of each location.

You need to configure the authentication method that will be used by the app to access the workspace. The solution must minimize the administrative effort associated with staff turnover and credential management.

What should you configure?

A. a managed identity Most Voted

B. a service principal Most Voted

C. a personal access token

Correct Answer: B

Community vote distribution

B (87%)

13%

Question #75

Topic 4

HOTSPOT

-

You have two Azure AD tenants named contoso.com and fabrikam.com. Each tenant is linked to 50 Azure subscriptions. Contoso.com contains two users named User1 and User2.

You need to meet the following requirements:

- Ensure that User1 can change the Azure AD tenant linked to specific Azure subscriptions.
- If an Azure subscription is linked to a new Azure AD tenant, and no available Azure AD accounts have full subscription-level permissions to the subscription, elevate the access of User2 to the subscription.

The solution must use the principle of least privilege.

Which role should you assign to each user? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

User1: ▼

Co-administrator
Owner
Service administrator

User2: ▼

Co-administrator
Owner
Service administrator

Answer Area

Correct Answer:

User1: ▼

Co-administrator
Owner
Service administrator

User2: ▼

Co-administrator
Owner
Service administrator

Question #76

Topic 4

Your company has the divisions shown in the following table.

Division	Azure subscription	Azure AD tenant
East	Sub1	Contoso.com
West	Sub2	Fabrikam.com

Sub1 contains an Azure App Service web app named App1. App1 uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1.

You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1.

What should you recommend?

- A. Configure a Conditional Access policy.
- B. Use Azure AD entitlement management to govern external users. Most Voted
- C. Configure the Azure AD provisioning service.
- D. Configure Azure AD Identity Protection.

Correct Answer: C

Community vote distribution

B (100%)

Question #77

Topic 4

You have a multi-tier app named App1 and an Azure SQL database named SQL1. The backend service of App1 writes data to SQL1. Users use the App1 client to read the data from SQL1.

During periods of high utilization, the users experience delays retrieving the data.

You need to minimize how long it takes for data requests.

What should you include in the solution?

- A. Azure Cache for Redis Most Voted
- B. Azure Content Delivery Network (CDN)
- C. Azure Data Factory
- D. Azure Synapse Analytics

Correct Answer: A

Community vote distribution

A (100%)

Question #78

Topic 4

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

Name	Type	Description
VM1	Virtual machine	Frontend component in the Central US Azure region
VM2	Virtual machine	Backend component in the East US Azure region
VM3	Virtual machine	Backend component in the West US 2 Azure region
VNet1	Virtual network	Hosts VM1
VNet2	Virtual network	Hosts VM2
VNet3	Virtual network	Hosts VM3

You create peering between VNet1 and VNet2 and between VNet1 and VNet3.

The virtual machines host an HTTPS-based client/server application and are accessible only via the private IP address of each virtual machine.

You need to implement a load balancing solution for VM2 and VM3. The solution must ensure that if VM2 fails, requests will be routed automatically to VM3, and if VM3 fails, requests will be routed automatically to VM2.

What should you include in the solution?

- A. Azure Firewall Premium
- B. Azure Application Gateway v2
- C. a cross-region load balancer

D. Azure Front Door Premium Most Voted

Correct Answer: D

Community vote distribution

D (94%)

6%

Question #79

Topic 4

You are designing an app that will include two components. The components will communicate by sending messages via a queue.

You need to recommend a solution to process the messages by using a First in, First out (FIFO) pattern.

What should you include in the recommendation?

- A. storage queues with a custom metadata setting
- B. Azure Service Bus queues with partitioning enabled
- C. Azure Service Bus queues with sessions enabled Most Voted
- D. storage queues with a stored access policy

Correct Answer: C

Community vote distribution

C (100%)

Question #80

Topic 4

HOTSPOT

-

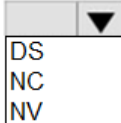
You need to deploy an instance of SQL Server on Azure Virtual Machines. The solution must meet the following requirements:

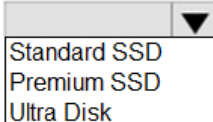
- Support 15,000 disk IOPS.
- Support SR-IOV.
- Minimize costs.

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.

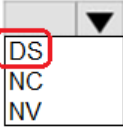
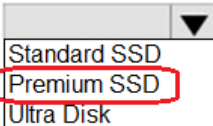
Answer Area

Virtual machine series: 

Disk type: 

Answer Area

Correct Answer:

Virtual machine series: 
Disk type: 

Question #81

Topic 4

You are developing an app that will use Azure Functions to process Azure Event Hubs events. Request processing is estimated to take between five and 20 minutes.

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

- Supports estimates of request processing runtimes
- Supports event-driven autoscaling for the app

Which hosting plan should you recommend?

- A. Dedicated
- B. Consumption
- C. App Service

D. Premium **Most Voted**

Correct Answer: D

Community vote distribution
D (100%)

Question #82

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Notification Hubs
- B. Azure Application Gateway

C. Azure Service Bus **Most Voted**

D. Azure Traffic Manager

Correct Answer: C

Community vote distribution
C (100%)

Question #83

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Notification Hubs
- B. Azure Application Gateway
- C. Azure Queue Storage Most Voted
- D. Azure Traffic Manager

Correct Answer: C

Community vote distribution
C (100%)

Question #84

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Basic
- B. Azure SQL Database Business Critical Most Voted
- C. Azure SQL Database Standard
- D. Azure SQL Managed Instance General Purpose

Correct Answer: B

Community vote distribution
B (74%) D (21%) 5%

Question #85

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Hyperscale
- B. Azure SQL Database Premium Most Voted
- C. Azure SQL Database Standard
- D. Azure SQL Managed Instance General Purpose

Correct Answer: B

Community vote distribution

B (100%)

Question #86

Topic 4

HOTSPOT

-

You 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 connection 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:

▼
1
2
3
4

Virtual WAN SKU:

▼
Basic
Standard

Answer Area

Correct Answer:

Number of Virtual WAN hubs:

▼
1
2
3
4

Virtual WAN SKU:

▼
Basic
Standard

Question #87

Topic 4

You have an Azure Functions microservice app named App1 that is hosted in the Consumption plan. App1 uses an Azure Queue Storage trigger.

You plan to migrate App1 to an Azure Kubernetes Service (AKS) cluster.

You need to prepare the AKS cluster to support App1. The solution must meet the following requirements:

- Use the same scaling mechanism as the current deployment.
- Support kubernetes and Azure Container Networking Interface (CNI) networking.

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

NOTE: Each correct answer is worth one point.

A. Configure the horizontal pod autoscaler. Most Voted

B. Install Virtual Kubelet.

C. Configure the AKS cluster autoscaler.

D. Configure the virtual node add-on.

E. Install Kubernetes-based Event Driven Autoscaling (KEDA). Most Voted

Correct Answer: AE

Community vote distribution

AE (98%)

Question #88

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Application Gateway

B. Azure Queue Storage Most Voted

C. Azure Data Lake

D. Azure Traffic Manager

Correct Answer: B

Community vote distribution

B (100%)

Question #89

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Managed Instance General Purpose
- B. Azure SQL Database Hyperscale
- C. Azure SQL Database Premium Most Voted
- D. Azure SQL Managed Instance Business Critical

Correct Answer: C

Community vote distribution

C (100%)

Question #90

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Hyperscale
- B. Azure SQL Database Premium Most Voted
- C. Azure SQL Database Basic
- D. Azure SQL Database Serverless

Correct Answer: B

Community vote distribution

B (100%)

Question #91

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Notification Hubs

B. Azure Service Bus

C. Azure Blob Storage

D. Azure Service Fabric

Correct Answer: B

Community vote distribution

B (100%)

Question #92

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Service Fabric

B. Azure Traffic Manager

C. Azure Queue Storage

D. Azure Notification Hubs

Correct Answer: C

Community vote distribution

C (100%)

Question #93

Topic 4

You have an on-premises Microsoft SQL Server 2008 instance that hosts a 50-GB database.

You need to migrate the database to an Azure SQL managed instance. The solution must minimize downtime.

What should you use?

A. Azure Migrate Most Voted

B. Azure Data Studio Most Voted

C. WANdisco LiveData Platform for Azure

D. SQL Server Management Studio (SSMS)

Correct Answer: B

Community vote distribution

B (60%)

A (36%)

Question #94

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

A. Azure SQL Managed Instance Business Critical

B. Azure SQL Managed Instance General Purpose

C. Azure SQL Database Standard

D. Azure SQL Database Premium Most Voted

Correct Answer: D

Community vote distribution

D (100%)

Question #95

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Business Critical Most Voted
- B. Azure SQL Database Basic
- C. Azure SQL Managed Instance General Purpose
- D. Azure SQL Database Hyperscale

Correct Answer: A

Community vote distribution

A (100%)

Question #96

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Fabric
- B. Azure Queue Storage
- C. Azure Traffic Manager
- D. Azure Application Gateway

Correct Answer: B

Community vote distribution

B (100%)

Question #97

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Application Gateway
- B. Azure Data Lake
- C. Azure Queue Storage **Most Voted**
- D. Azure Blob Storage

Correct Answer: C

Community vote distribution
C (100%)

Question #98

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Blob Storage
- B. Azure Data Lake
- C. Azure Queue Storage
- D. Azure Service Fabric

Correct Answer: C

Community vote distribution
C (100%)

Question #99

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Serverless **Most Voted**
- B. Azure SQL Managed Instance General Purpose
- C. Azure SQL Database Basic
- D. Azure SQL Database Business Critical **Most Voted**

Correct Answer: A

Community vote distribution

A (50%)

D (50%)

Question #100

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Standard
- B. Azure SQL Managed Instance General Purpose
- C. Azure SQL Database Serverless
- D. Azure SQL Database Premium **Most Voted**

Correct Answer: D

Community vote distribution

D (78%)

C (22%)

Question #101

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Notification Hubs

B. Azure Queue Storage **Most Voted**

C. Azure Blob Storage

D. Azure Application Gateway

Correct Answer: B

Community vote distribution

B (100%)

Question #102

Topic 4

HOTSPOT

-

You are developing a multi-tier app named App1 that will be hosted on Azure virtual machines. The peak utilization periods for App1 will be from 8 AM to 9 AM and 4 PM to 5 PM on weekdays.

You need to deploy the infrastructure for App1. The solution must meet the following requirements:

- Support virtual machines deployed to four availability zones across two Azure regions.
- Minimize costs by accumulating CPU credits during periods of low utilization.

What is the minimum number of virtual networks you should deploy, and which virtual machine size should you use? To answer, select the appropriate options in the answer area.

Answer Area

Number of virtual networks:

1

2

3

4

Virtual machine size:

A-Series

B-Series

D-Series

M-Series

Answer Area**Correct Answer:**

Number of virtual networks:

1

2

3

4

Virtual machine size:

A-Series

B-Series

D-Series

M-Series

Question #103

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

A. Azure Service Bus **Most Voted**

B. Azure Blob Storage

C. Azure Notification Hubs

D. Azure Application Gateway

Correct Answer: A

Community vote distribution

A (100%)

Question #104

Topic 4

You have an on-premises Microsoft SQL server named SQL1 that hosts 50 databases.

You plan to migrate SQL1 to Azure SQL Managed Instance.

You need to perform an offline migration of SQL1. The solution must minimize administrative effort.

What should you include in the solution?

A. Azure Migrate

B. Azure Database Migration Service **Most Voted**

C. SQL Server Migration Assistant (SSMA)

D. Data Migration Assistant (DMA)

Correct Answer: B

Community vote distribution

B (96%)

Question #105

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Bus
- B. Azure Data Lake
- C. Azure Traffic Manager
- D. Azure Notification Hubs

Correct Answer: A

Community vote distribution
A (100%)

Question #106

Topic 4

You are developing a sales application that will contain several Azure cloud services and handle different components of a transaction. Different cloud services will process customer orders, billing, payment, inventory, and shipping.

You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using XML messages.

What should you include in the recommendation?

- A. Azure Service Bus
- B. Azure Data Lake
- C. Azure Application Gateway
- D. Azure Notification Hubs

Correct Answer: A

Community vote distribution
A (100%)

Question #107

Topic 4

You need to design a highly available Azure SQL database that meets the following requirements:

- Failover between replicas of the database must occur without any data loss.
- The database must remain available in the event of a zone outage.
- Costs must be minimized.

Which deployment option should you use?

- A. Azure SQL Database Business Critical
- B. Azure SQL Database Hyperscale
- C. Azure SQL Managed Instance Business Critical
- D. Azure SQL Database Standard

Correct Answer: A

Community vote distribution

A (100%)

Question #108

Topic 4

DRAG DROP

You plan to deploy an infrastructure solution that will contain the following configurations:

- External users will access the infrastructure by using Azure Front Door.
- External user access to the backend APIs hosted in Azure Kubernetes Service (AKS) will be controlled by using Azure API Management.
- External users will be authenticated by an Azure AD B2C tenant that uses OpenID Connect-based federation with a third-party identity provider.

Which function does each service provide? To answer, drag the appropriate functions to the correct services. Each function 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.

Functions**Answer Area**

Protection against Open Web Application Security Project (OWASP) vulnerabilities

Front Door:

IP filtering on a per-API level

API Management:

Validation of Azure B2C JSON Web Tokens (JWTs)

Answer Area

Correct Answer: Front Door:

Validation of Azure B2C JSON Web Tokens (JWTs)

API Management:

IP filtering on a per-API level

Question #109

Topic 4

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.

Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend using an Azure Policy initiative to enforce the location of resource groups.

Does this meet the goal?

A. Yes

B. No Most Voted

Correct Answer: A

Community vote distribution

B (97%)

Question #110

Topic 4

Your on-premises datacenter contains a server that runs Linux and hosts a Java app named App1. App1 has the following characteristics:

- App1 is an interactive app that users access by using HTTPS connections.
- The number of connections to App1 changes significantly throughout the day.
- App1 runs multiple concurrent instances.
- App1 requires major changes to run in a container.

You plan to migrate App1 to Azure.

You need to recommend a compute solution for App1. The solution must meet the following requirements:

- The solution must run multiple instances of App1.
- The number of instances must be managed automatically depending on the load.
- Administrative effort must be minimized.

What should you include in the recommendation?

- A. Azure Batch
- B. Azure App Service Most Voted
- C. Azure Kubernetes Service (AKS)
- D. Azure Virtual Machine Scale Sets

Correct Answer: D

Community vote distribution

B (80%)

D (18%)

Question #111

Topic 4

HOTSPOT

-

You have an Azure App Service web app named Webapp1 that connects to an Azure SQL database named DB1. Webapp1 and DB1 are deployed to the East US Azure region.

You need to ensure that all the traffic between Webapp1 and DB1 is sent via a private connection.

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

NOTE: Each correct selection is worth one point.

Answer Area

Create a virtual network that contains at least:

- 1 subnet
- 2 subnets
- 3 subnets

From the virtual network, configure name resolution to use:

- A private DNS zone
- A public DNS zone
- The Azure DNS Private Resolver

Answer Area

Create a virtual network that contains at least:

- 1 subnet
- 2 subnets
- 3 subnets

Correct Answer:

From the virtual network, configure name resolution to use:

- A private DNS zone
- A public DNS zone
- The Azure DNS Private Resolver

Question #112

Topic 4

HOTSPOT

Your on-premises network contains an Active Directory Domain Services (AD DS) domain. The domain contains a server named Server1. Server1 contains an app named App1 that uses AD DS authentication. Remote users access App1 by using a VPN connection to the on-premises network.

You have an Azure AD tenant that syncs with the AD DS domain by using Azure AD Connect.

You need to ensure that the remote users can access App1 without using a VPN. The solution must meet the following requirements:

- Ensure that the users authenticate by using Azure Multi-Factor Authentication (MFA).
- Minimize administrative effort.

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

In Azure AD:

- A managed identity
- An access package
- An app registration
- An enterprise application

On-premises:

- A server that runs Windows Server and has the Azure AD Application Proxy connector installed
- A server that runs Windows Server and has the on-premises data gateway (standard mode) installed
- A server that runs Windows Server and has the Web Application Proxy role service installed

Answer Area

In Azure AD:

- A managed identity
- An access package
- An app registration
- An enterprise application**

Correct Answer:

On-premises:

- A server that runs Windows Server and has the Azure AD Application Proxy connector installed**
- A server that runs Windows Server and has the on-premises data gateway (standard mode) installed
- A server that runs Windows Server and has the Web Application Proxy role service installed

Question #113

Topic 4

You have an Azure subscription that contains an Azure Kubernetes Service (AKS) instance named AKS1. AKS1 hosts microservice-based APIs that are configured to listen on non-default HTTP ports.

You plan to deploy a Standard tier Azure API Management instance named APIM1 that will make the APIs available to external users.

You need to ensure that the AKS1 APIs are accessible to APIM1. The solution must meet the following requirements:

- Implement MTLS authentication between APIM1 and AKS1.
- Minimize development effort.
- Minimize costs.

What should you do?

- A. Implement an external load balancer on AKS1.
- B. Redeploy APIM1 to the virtual network that contains AKS1.
- C. Implement an ExternalName service on AKS1.
- D. Deploy an ingress controller to AKS1. Most Voted

Correct Answer: D

Community vote distribution

D (100%)

Question #114

Topic 4

HOTSPOT

You need to recommend a solution to integrate Azure Cosmos DB and Azure Synapse. The solution must meet the following requirements:

- Traffic from an Azure Synapse workspace to the Azure Cosmos DB account must be sent via the Microsoft backbone network.
- Traffic from the Azure Synapse workspace to the Azure Cosmos DB account must NOT be routed over the internet.
- Implementation effort must be minimized.

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

NOTE: Each correct selection is worth one point.

Answer Area

When provisioning the Azure Synapse workspace:

Configure a dedicated managed virtual network.
Disable public network access to the workspace endpoints.
Enable the use of the Azure AD authentication.

When configuring the Azure Cosmos DB account, enable:

Managed private endpoints
Server-level firewall rules
Service endpoint policies

Answer Area

When provisioning the Azure Synapse workspace:

Configure a dedicated managed virtual network.
Disable public network access to the workspace endpoints.
Enable the use of the Azure AD authentication.

Correct Answer:

When configuring the Azure Cosmos DB account, enable:

Managed private endpoints
Server-level firewall rules
Service endpoint policies

Question #115

Topic 4

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 Contained that has the analytical store enabled.

You need to recommend a solution that will process the data stored in Contained 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. Apache Spark **Most Voted**

B. serverless SQL

C. dedicated SQL

D. Data Explorer

Correct Answer: B

Community vote distribution

A (76%)

D (18%) 6%

Question #116

Topic 4

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 Area

Correct Answer:

Sub1: Cluster1: [← Previous Questions](#)[Next Questions →](#)

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