

Microsoft.AZ-305.v2026-09-04.q154

Exam Code:	AZ-305
Exam Name:	Designing Microsoft Azure Infrastructure Solutions
Certification Provider:	Microsoft
Free Question Number:	154
Version:	v2026-09-04
# of views:	118
# of Questions views:	2390
https://www.freecram.net/torrent/Microsoft.AZ-305.v2026-09-04.q154.html	

NEW QUESTION: 1

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

You are designing a large Azure environment that will contain many subscriptions.

You plan to use Azure Policy as part of a governance solution.

To which three scopes can you assign Azure Policy definitions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. management groups
- B. subscriptions
- C. Azure Active Directory (Azure AD) tenants
- D. resource groups
- E. Azure Active Directory (Azure AD) administrative units
- F. compute resources

Answer: ([SHOW ANSWER](#))

Azure Policy evaluates resources in Azure by comparing the properties of those resources to business rules.

Once your business rules have been formed, the policy definition or initiative is assigned to any scope of resources that Azure supports, such as management groups, subscriptions, resource groups, or individual resources.

NEW QUESTION: 3

You plan to deploy a network-intensive application to several Azure virtual machines.

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

Minimizes the use of the virtual machine processors to transfer data

Minimizes network latency

Which virtual machine size and feature should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Virtual machine size:

▼

Compute optimized Standard_F8s

General purpose Standard_B8ms

High performance compute Standard_H16r

Memory optimized Standard_E16s_v3

Feature:

Microsoft ▼

Receive side scaling (RSS)

Remote Direct Memory Access (RDMA)

Single root I/O virtualization (SR-IOV)

Virtual Machine Multi-Queue (VMMQ)

Answer:

Virtual machine size:

▼

Compute optimized Standard_F8s

General purpose Standard_B8ms

High performance compute Standard_H16r

Memory optimized Standard_E16s_v3

Feature:

▼

Receive side scaling (RSS)

Remote Direct Memory Access (RDMA)

Single root I/O virtualization (SR-IOV)

Virtual Machine Multi-Queue (VMMQ)

Explanation:

Virtual machine size:

- Compute optimized Standard_F8s
- General purpose Standard_B8ms
- High performance compute Standard_H16r
- Memory optimized Standard_E16s_v3

Feature:

- Receive side scaling (RSS)
- Remote Direct Memory Access (RDMA)
- Single root I/O virtualization (SR-IOV)
- Virtual Machine Multi-Queue (VMMQ)

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sizes-hpc#h-series>

NEW QUESTION: 4

You are designing a microservices architecture that will be hosted in an Azure Kubernetes Service (AKS) cluster. Apps that will consume the microservices will be hosted on Azure virtual machines. The virtual machines and the AKS cluster will reside on the same virtual network.

You need to design a solution to expose the microservices to the consumer apps. The solution must meet the following requirements:

- * Ingress access to the microservices must be restricted to a single private IP address and protected by using mutual TLS authentication.
- * The number of incoming microservice calls must be rate-limited.
- * Costs must be minimized.

What should you include in the solution?

- A. Azure API Management Premium tier with virtual network connection
- B. Azure Front Door with Azure Web Application Firewall (WAF)
- C. Azure API Management Standard tier with a service endpoint
- D. Azure App Gateway with Azure Web Application Firewall (WAF)

Answer: (SHOW ANSWER)

One option is to deploy APIM (API Management) inside the cluster VNet.

The AKS cluster and the applications that consume the microservices might reside within the same VNet, hence there is no reason to expose the cluster publicly as all API traffic will remain within the VNet. For these scenarios, you can deploy API Management into the cluster VNet. API Management Premium tier supports VNet deployment.

Reference:

- B. an Azure Monitor Private Link Scope (AMPLS)
 - C. Service Connector
 - D. the linked storage account of Workspace1
- Answer: (SHOW ANSWER)

NEW QUESTION: 6

You need to configure an Azure policy to ensure that the Azure SQL databases have TDE enabled. The solution must meet the security and compliance requirements. 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

Create an Azure policy definition that uses the deployIfNotExists effect.

Create a user-assigned managed identity.

Invoke a remediation task.

Create an Azure policy assignment.

Create an Azure policy definition that uses the Modify effect.

Answer Area

⬅️

➡️

⬆️

⬆️

Answer:

Actions

Create an Azure policy definition that uses the deployIfNotExists effect.

Create a user-assigned managed identity.

Invoke a remediation task.

Create an Azure policy assignment.

Create an Azure policy definition that uses the Modify effect.

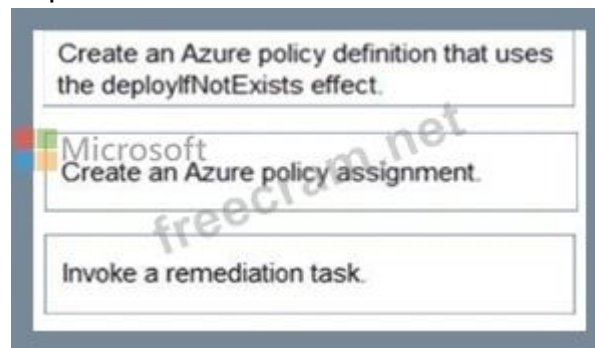
Answer Area

Create an Azure policy definition that uses the deployIfNotExists effect.

Create an Azure policy assignment.

Invoke a remediation task.

Explanation:



Scenario: All Azure SQL databases in the production environment must have Transparent Data Encryption (TDE) enabled.

Step 1: Create an Azure policy definition that uses the deployIfNotExists identity.

The first step is to define the roles that deployIfNotExists and modify needs in the policy definition to successfully deploy the content of your included template.

Step 2: Create an Azure policy assignment

When creating an assignment using the portal, Azure Policy both generates the managed identity and grants it the roles defined in roleDefinitionIds.

Step 3: Invoke a remediation task

Resources that are non-compliant to a deployIfNotExists or modify policy can be put into a compliant state through Remediation. Remediation is accomplished by instructing Azure Policy to run the deployIfNotExists effect or the modify operations of the assigned policy on your existing resources and subscriptions, whether that assignment is to a management group, a subscription, a resource group, or an individual resource.

During evaluation, the policy assignment with deployIfNotExists or modify effects determines if there are non-compliant resources or subscriptions. When non-compliant resources or subscriptions are found, the details are provided on the Remediation page.

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/how-to/remediate-resources>

NEW QUESTION: 7

Your company has an app named App1 that uses data from the on-premises Microsoft SQL Server databases shown in the following table.

Name	Size
DB1	450 GB
DB2	250 GB
DB3	300 GB
DB4	50 GB

App1 and the data are used on the first day of the month only. The data is not expected to grow more than 3% each year.

The company is rewriting App1 as an Azure web app and plans to migrate all the data to Azure.

You need to migrate the data to Azure SQL Database. The solution must minimize costs.

Which service tier should you use?

- A. vCore-based Business Critical
- B. vCore-based General Purpose
- C. DTU-based Standard
- D. DTU-based Basic

DTU-based Standard supports databases up to 1 TB in size.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/service-tiers-dtu>

NEW QUESTION: 8

You have an on-premises server named Server1 that runs Windows Server and contains a Microsoft SQL Server database named DB1.

You have an Azure subscription.

You plan to migrate DB1 to Azure.

You use the Azure Database Migration Service to assess DB1 and receive the assessment results shown in the following table.

Migration target	Number of issues that must be remediated before the migration
SQL Server on Azure Virtual Machines	3
Azure SQL Database	51
Azure SQL Managed Instance	27

You need to recommend a migration target for DB1. The migration target must meet the following requirements:

- * Eliminate the need for post-migration operating system maintenance.
- * Minimize administrative effort to prepare for the migration.

What should you recommend?

- A. Azure Cosmos DB for PostgreSQL
- B. Azure SQL Managed Instance
- C. Azure SQL Oatabase
- D. Azure Cosmos DB for NoSQL
- E. SQL Server on Azure Virtual Machines

Answer: (SHOW ANSWER)

NEW QUESTION: 9

You have an Azure subscription.

Your on-premises network contains a file server named Server1. Server 1 stores 5 TB of company files that are accessed rarely.

You plan to copy the files to Azure Storage.

You need to implement a storage solution for the files that meets the following requirements:

- * The files must be available within 24 hours of being requested.
- * Storage costs must be minimized.

Which two possible storage solutions achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

<https://docs.microsoft.com/en-us/azure/storage/blobs/manage-access-tier?tabs=portal>

NEW QUESTION: 10

You have a Microsoft Dataverse instance named dv1 and an Azure Cosmos DB database named dbl. You need to develop a solution to update dbl automatically when a record is updated in dv1. The solution must minimize development effort. What should you include in the solution?

- A. Azure Logic Apps
- B. Azure App Service
- C. Azure Functions
- D. Azure Event Grid

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

A company is planning on deploying an application onto Azure. The application will be based on the .Net core programming language. The application would be hosted using Azure Web apps. Below is part of the various requirements for the application Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data Give the ability to visualize the relationships between application components Give the ability to track requests and exceptions to specific lines of code from within the application Give the ability to actually analyse how users return to an application and see how often they only select a particular drop-down value Which of the following service would be best suited for fulfilling the requirement of

"Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data"

- A. Azure Activity Log
- B. Azure Application Insights
- C. Azure Service Map
- D. Azure Log Analytics

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

You plan to use Azure SQL as a database platform.

You need to recommend an Azure SQL product and service tier that meets the following requirements:

- * Automatically scales compute resources based on the workload demand
- * Provides per second billing

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

Answer Area Microsoft

Azure SQL product:

- An Azure SQL Database elastic pool
- A single Azure SQL database
- An Azure SQL Database elastic pool**
- Azure SQL Managed Instance

Service tier:

- Business Critical
- Basic
- Business Critical**
- General Purpose
- Hyperscale
- Standard

Answer:
Answer Area

Microsoft

Azure SQL product:

- An Azure SQL Database elastic pool
- A single Azure SQL database
- An Azure SQL Database elastic pool**
- Azure SQL Managed Instance

Service tier:

- Business Critical
- Basic
- Business Critical**
- General Purpose
- Hyperscale
- Standard

Explanation:

Answer Area

Azure SQL product:

- A single Azure SQL database**
- An Azure SQL Database elastic pool
- Azure SQL Managed Instance

Service tier:

- Basic
- Business Critical
- General Purpose**
- Hyperscale
- Standard

Microsoft

" Serverless is a compute tier for single databases in Azure SQL Database that automatically scales compute based on workload demand and bills for the amount of compute used per second. The serverless compute tier is available in the General Purpose service tier and currently in preview in the Hyperscale service tier. "

<https://learn.microsoft.com/en-us/azure/azure-sql/database/serverless-tier-overview>

NEW QUESTION: 13

You have 12 Azure subscriptions and three projects. Each project uses resources across multiple subscriptions.

You need to use Microsoft Cost Management to monitor costs on a per project basis. The solution must minimize administrative effort. Which two components should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. budgets
- B. management groups
- C. Azure boards
- D. resource tags
- E. custom role-based access control (RBAC) roles

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

- * Provide access to the full .NET framework.
- * Provide redundancy if an Azure region fails.
- * Grant administrators access to the operating system to install custom application dependencies.

Solution: You deploy an Azure virtual machine scale set that uses autoscaling.

Does this meet the goal?

- A. Yes
- B. No

Answer: ([SHOW ANSWER](#))

Instead, you should deploy two Azure virtual machines to two Azure regions, and you create a Traffic Manager profile.

* Implement NSGs to allow connectivity between App1 and App2.

* Fully isolate App3 from App1 and App2.

The apps have the following compute requirements:

* Implement dynamically allocated compute for App1.

* Implement up to 10 general purpose Dedicated-D16 instances for App2.

* Implement up to 10 memory optimized Dedicated-E16 instances for App3.

You need to recommend the minimum number of Container Apps environments and workload profiles required. What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Container Apps environments: 2

1
2
3

Workload profiles: 3

1
2
3



Answer:

Answer Area



Container Apps environments: 2

1
2
3

Workload profiles: 3

1
2
3



Explanation:

Answer Area

Container Apps environments: 2

Workload profiles: 3



- * 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. Kubernetes version 1.20.2 or newer
- C. cluster autoscaler
- D. Virtual nodes
- E. with Virtual Kubelet ACI

Answer: (SHOW ANSWER)

<https://docs.microsoft.com/en-us/azure/aks/cluster-autoscaler#about-the-cluster-autoscaler>

NEW QUESTION: 18

You have an on-premises datacenter named Site1 that contains multiple servers.

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains multiple virtual machines. VNet1 uses the default Azure DNS service. Site1 connects to VNet1 by using a Site-to-Site (S2S) VPN.

You need to recommend a DNS solution that will forward DNS queries from the virtual machines that target the on-premises DNS namespace to the on-premises DNS servers. The solution must minimize administrative effort and costs.

What should you include in the recommendation?

- A. Private DNS resolver
- B. Private DNS zone
- C. an Azure virtual machine that runs the DNS service
- D. Azure Firewall DNS Proxy

Answer: (SHOW ANSWER)

NEW QUESTION: 19

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

Name	Type	Performance
storage1	StorageV2	Standard
storage2	SrorageV2	Premium
storage3	BlobStorage	Standard
storage4	FileStorage	Premium

App1:

- Storage1 and storage2 only
- Storage1 and storage3 only
- Storage1, storage2, and storage3 only
- Storage1, storage2, storage3, and storage4

App2:

- Storage4 only
- Storage1 and storage4 only
- Storage1, storage2, and storage4 only
- Storage1, storage2, storage3, and storage4

Answer:

App1:

- Storage1 and storage2 only
- Storage1 and storage3 only
- Storage1, storage2, and storage3 only
- Storage1, storage2, storage3, and storage4

App2:

- Storage4 only
- Storage1 and storage4 only
- Storage1, storage2, and storage4 only
- Storage1, storage2, storage3, and storage4

Explanation:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

<https://www.edureka.co/community/40011/different-storage-accounts-there-major-difference-between>

<https://insidemstech.com/tag/general-purpose-v2/>

In conclusion the correct answers are:

Box1 -- > Storage1 and Storage3 only

Box2 -- > Storage1 and Storage

- C. an Azure virtual machine
- D. an App Service WebJob

Answer: (SHOW ANSWER)

<https://learn.microsoft.com/en-us/azure/azure-functions/functions-reference-powershell?tabs=portal>
<https://learn.microsoft.com/en-us/azure/azure-functions/functions-create-scheduled-function#create-a-timer-triggered-function>

NEW QUESTION: 21

You have several Azure App Service web apps that use Azure Key Vault to store data encryption keys.
Several departments have the following requests to support the web app:

Department	Request
Security	- Review the membership of administrative roles and require users to provide a justification for continued membership. - Get alerts about changes in administrator assignments. - See a history of administrator activation, including which changes administrators made to Azure resources.
Development	Enable the applications to access Key Vault and retrieve keys for use in code.

Which service should you recommend for each department ' s request? To answer, configure the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Security:

Azure AD Privileged Identity Management

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Development:

Azure Managed Identity

Azure AD Privileged Identity Management

Azure Managed Identity

Azure AD Connect

Azure AD Identity Protection

Quality Assurance:

Azure AD Privileged Identity Management

Azure AD

Answer Area

Security:

Development:

Quality Assurance:

Explanation:

Answer Area

Security:

Development:

Quality Assurance:

NEW QUESTION: 22

Your company plans to publish APIs for its services by using Azure API Management.

You discover that service responses include the ASP.NET-Version header.

You need to recommend a solution to remove ASP.NET-Version from the response of the published APIs.

What should you include in the recommendation?

- A. a new product
- B. a modification to the URL scheme
- C. a new policy
- D. a new revision

Answer: (SHOW ANSWER)

References:

<https://docs.microsoft.com/en-us/azure/api-management/transform-api>

NEW QUESTION:

You have an Azure subscription. The subscription contains an app that is hosted in the East US, Central Europe, and East Asia regions. You need to recommend a data-tier solution for the app. The solution must meet the following requirements:

- Support multiple consistency levels.
 - Be able to store at least 1 TB of data.
 - Be able to perform read and write operations in the Azure region that is local to the app instance.
- What should you include in the recommendation?

- A. an Azure Cosmos DB database
- B. a Microsoft SQL Server Always On availability group on Azure virtual machines
- C. an Azure SQL database in an elastic pool
- D. Azure Table storage that uses geo-redundant storage (GRS) replication

Answer: (SHOW ANSWER)

Azure Cosmos DB approaches data consistency as a spectrum of choices. This approach includes more options than the two extremes of strong and eventual consistency. You can choose from five well-defined levels on the consistency spectrum.

With Cosmos DB any write into any region must be replicated and committed to all configured regions within the account.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels-tradeoffs>

NEW QUESTION: 24

Your company deploys several Linux and Windows virtual machines (VMs) to Azure. The VMs are deployed with the Microsoft Dependency Agent and the Log Analytics Agent installed by using Azure VM extensions.

On-premises connectivity has been enabled by using Azure ExpressRoute.

You need to design a

What should you recommend to meet the monitoring requirements for App2?

- A. Microsoft Sentinel
- B. Azure Application Insights
- C. Container insights
- D. VM insights

Answer: (SHOW ANSWER)

NEW QUESTION: 26

You have the following projects:

- * Project 1: The development of an app hosted on multiple Azure virtual machines that are configured as a Windows Server failover cluster
- * Project2: The development of an app hosted on multiple Azure virtual machines that run Ubuntu
- * Project3: The development of an app hosted on a single Azure virtual machine that runs Windows Server The projects have the high availability requirements shown in the following table.

Project	Requirement
Project1	• Maintain availability if an Azure region fails. • Meet a recovery time objective (RTO) of 45 seconds.
Project2	• Maintain availability if an Azure datacenter fails. • Meet a recovery time objective (RTO) of five minutes.
Project3	• Maintain availability during datacenter maintenance events. • Meet a recovery time objective (RTO) of two hours. • Minimize costs.

You need to recommend a resiliency solution for the projects.

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

NOTE: Each correct selection is worth one point.

Answer Area

Project1:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager

Project2:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager

Project3:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager

Answer:
Answer Area

Project1:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager

Project2:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager

Project3:

- Availability sets
- Availability zones
- Azure Site Recovery
- Azure Traffic Manager



Explanation:



NEW QUESTION: 27

You are designing an Azure Cosmos DB solution that will host multiple writable replicas in multiple Azure regions.

You need to recommend the strongest database consistency level for the design. The solution must meet the following requirements:

Provide a latency-based Service Level Agreement (SLA) for writes.

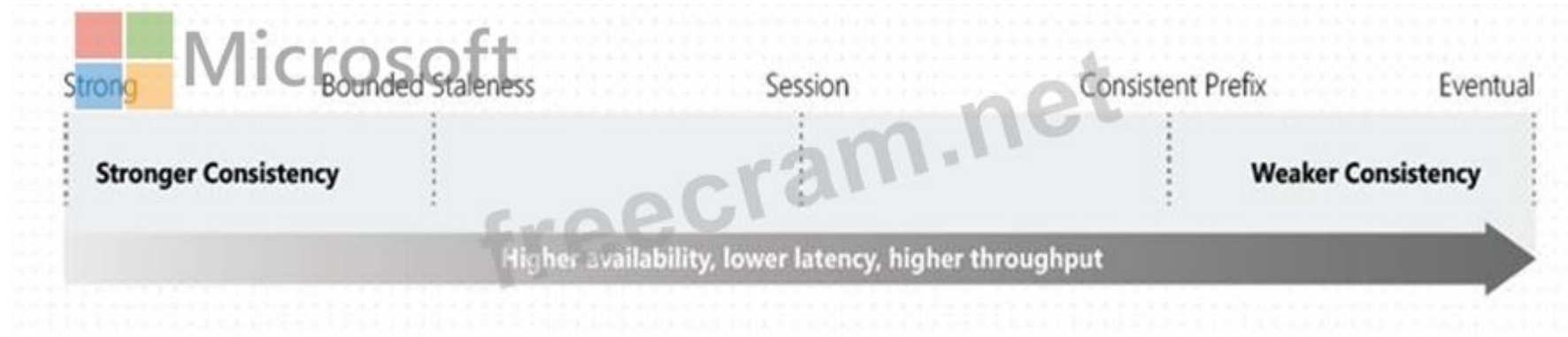
Support multiple regions.

Which consistency level should you recommend?

- A. bounded staleness
- B. strong
- C. session
- D. consistent prefix

Answer: ([SHOW ANSWER](#))

Each level provides availability and performance tradeoffs. The following image shows the different consistency levels as a spectrum.



Note: The service offers comprehensive 99.99% SLAs which covers the guarantees for throughput, consistency,

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NEW QUESTION: 32

You are designing a high-availability solution for a multi-tier containerized app that will be hosted in a multi- node Azure Kubernetes Service (AKS) cluster. The cluster nodes will be distributed across three availability zones. Each tier will contain three pods.

You need to ensure that active pods of the app are distributed across all the availability zones.

Which AKS feature should you use?

- A. scheduling anti-affinity
- B. Kubernetes controller type
- C. leader election
- D. startup probes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

You plan to deploy an Azure web app named App1 that will use Azure Active Directory (Azure AD) authentication.

App1 will be accessed from the internet by the users at your company. All the users have computers that run Windows 10 and are joined to Azure AD.

You need to recommend a solution to

"After consenting to use their Dataverse account with the ISV's application, end users can connect to Dataverse environment from external application. The consent form is not displayed again to other users after the first user who has already consented to use the ISV's app. Apps registered in Azure Active Directory are multi-tenant, which implies that other Dataverse users from other tenant can connect to their environment using the ISV's app."

NEW QUESTION: 34

You have an Azure subscription.
You are designing a deployment solution for the Azure App Service web apps shown in the following table.

Name	Description
App1	• Will batch process files as they arrive in a storage account • Will process short-lived tasks • Will scale automatically
App2	• Will be based on multiple microservices • Will process long-lived tasks • Will scale automatically
App3	• Will process large datasets overnight by using an existing custom runtime • Will process short-lived tasks

You need to recommend a compute solution for the apps.
What should you include in the recommendation for each app? To answer, drag the appropriate recommendations to the correct apps. Each recommendation 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.

Recommendations

Azure App Service

Azure Batch

Azure Container Instance

Azure Functions

Azure Kubernetes Service (AKS)

Azure virtual machines

Answer Area

App1:

App2:

App3:

Answer:

Name	Azure region
Hub1	US East
Hub2	US West

You have an ExpressRoute circuit in the US East region.

You need to create an ExpressRoute association to VirtualWAN1.

What should you do first?

- A. Upgrade VirtualWAN1 to Standard.
- B. Create a gateway on Hub1.
- C. Create a hub virtual network in US East.
- D. Enable the ExpressRoute premium add-on.

Answer: A ([LEAVE A REPLY](#))

US East and US West are in the same geopolitical region so there is no need for enabling ExpressRoute premium add-on <https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about#basicstandard> The current config of virtual WAN is only Basic as given, so it can connect to only site to site VPN, to connect to express route it needs to be upgraded from basic to standard.

<https://docs.microsoft.com/en-us/azure>

[/virtual-wan/virtual-wan-about](#)

<https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about>

NEW QUESTION: 41

