➢ **Vendor: Microsoft**

➢ **Exam Code: AZ-305**

➢ **Exam Name: Designing Microsoft Azure Infrastructure Solutions**

➢ **New Updated Questions from Braindump2go (Updated in May/2025)**

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QUESTION 356
You plan to deploy an Azure BareMetal Infrastructure instance that will host the data tier of a business-critical workload. The application tier of the workload will be hosted on Azure virtual machines.
You need to configure the virtual machines to minimize network latency between the application tier and the data tier.
What should you use?

A. an availability zone
B. ExpressRoute FastPath
C. an availability set
D. a proximity placement group

Answer: D

QUESTION 357
Your company has IT, security, and finance departments.
You need to implement a new Azure deployment that will include multiple Azure subscriptions and management groups. The solution must meet the following requirements:
- Ensure that all policies are assigned at the management group level.
- Ensure that all the finance department resources have specific encryption policies applied.
- Ensure that only users in the IT department can create virtual machines in any Azure region.
- Ensure that users in the finance department can create virtual machines in only the East US Azure region.
What is the minimum number of management groups you can create for the planned deployment?

A. 1
B. 2
C. 3
D. 4

Answer: B

QUESTION 358
You have multiple on-premises locations. The locations host IoT endpoints that generate real-time telemetry data.
You have an Azure subscription.
You need to process the telemetry data and provide real-time insights. The solution must minimize development effort.
What should you use?

A. Azure Data Factory
B. Azure Data Lake Analytics
C. Log Analytics
D. Azure Stream Analytics

Answer: D

QUESTION 359
You have an Azure subscription.
You need to implement a policy to ensure that all new resource groups include a value for a tag named Department.
The solution must ensure that if a value is NOT entered for the Department tag, a resource group is created.
Which effect should you use?

A. deny
B. modify
C. manual
D. deploylfNotExists

Answer: B

QUESTION 360
You have a Microsoft Entra tenant named contoso.com.
You have a partner organization that has a Microsoft Entra tenant named fabrikam.com.
You plan to provide the users in fabrikam.com with access to the resources in contoso.com by using access packages.
You need to ensure that contoso.com users assigned the Access package assignment manager role can only assign access packages to the fabrikam.com users.
What should you do first in the Microsoft Entra admin center?

A. From the Entitlement management settings in Identity Governance, create a new connected organization.
B. From the Cross-tenant access settings in External Identities, create a new organization.
C. From the Cross-tenant synchronization settings, create a new configuration.
D. From the All identity providers settings in External Identities, create a new SAML/WS Fed IdP identity provider.

Answer: A

QUESTION 361
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. Kubernetes controller type
B. leader election
C. startup probes
D. scheduling anti-affinity

Answer: D

QUESTION 362
You have an Azure subscription that contains an Azure App Service app named App1 in a Standard App Service plan. App1 is accessed directly from the internet by using the following URL: https://app1.contoso.com.
The Azure region that hosts App1 supports availability zones for App Service apps.
You need to recommend a redundancy solution for App1. The solution must meet the following requirements:
- Ensure that App1 is available if two availability zones fail.
- Minimize administrative effort.
- Minimize costs.
What should you recommend?

A. Create an App Service Environment v3. Redeploy App1.
B. Scale out the existing App1 App Service instance to three instances.
C. Create a new Premium v3 App Service plan. Redeploy App1.
D. Scale up the existing App Service plan for App1 to the Premium v3 tier.

Answer: A

QUESTION 363
Hotspot Question
You have an Azure subscription.
You plan to deploy two 100-virtual machine deployments as shown in the following table.

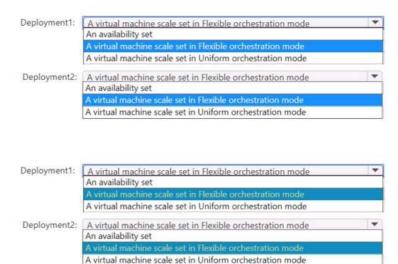| Name	Description
Deployment1	Includes 50 virtual machines that run Windows Server 2022 Includes 50 virtual machines that run Ubuntu Server 22.04 Supports ultra disks Supports deployment to availability zones
Deployment2	Includes 50 virtual machines that run Windows Server 2022 Includes 50 virtual machines that run Windows Server 2019 Supports up to 20 update domains Supports proximity placement groups

You need to recommend a virtual machine grouping solution for the deployments.
What should you include in the recommendation for each deployment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Deployment1: [A virtual machine scale set in Flexible orchestration mode ▼]
- An availability set
- **A virtual machine scale set in Flexible orchestration mode**
- A virtual machine scale set in Uniform orchestration mode

Deployment2: [A virtual machine scale set in Flexible orchestration mode ▼]
- An availability set
- **A virtual machine scale set in Flexible orchestration mode**
- A virtual machine scale set in Uniform orchestration mode

Answer:

Answer Area

Deployment1: [A virtual machine scale set in Flexible orchestration mode ▼]
- An availability set
- **A virtual machine scale set in Flexible orchestration mode**
- A virtual machine scale set in Uniform orchestration mode

Deployment2: [A virtual machine scale set in Flexible orchestration mode ▼]
- An availability set
- **A virtual machine scale set in Flexible orchestration mode**
- A virtual machine scale set in Uniform orchestration mode

QUESTION 364
Hotspot Question
You have a Microsoft Entra tenant named contoso.com that contains multiple enterprise apps.
Your company has a business partner that has a Microsoft Entra tenant named fabrikam.com.
You need to recommend an identity governance solution that will provide users in fabrikam.com with access to the enterprise apps in contoso.com. The solution must meet the following requirements:
– Ensure that administrators in fabrikam.com can provide the fabrikam.com users with access to the contoso.com enterprise apps.
– Automatically provision identities for the fabrikam.com users to enable access to the contoso.com enterprise apps.
– Provide policy-based management of access assignments, approvals, and expirations.
– Minimize administrative effort.
What should you include in the recommendation? To answer, select the appropriate options in the answer area.
NOTE: Each correct collection is worth one point.

Answer Area

For identity provisioning:

B2B collaboration	▼
B2B collaboration	
B2B direct connect	
Cross-tenant synchronization	

For access management:

Privileged Identity Management (PIM)	▼
Entitlement management	
Permissions Management	
Privileged Identity Management (PIM)	

Answer:

Answer Area

For identity provisioning:

B2B collaboration	▼
B2B collaboration	
B2B direct connect	
Cross-tenant synchronization	

For access management:

Privileged Identity Management (PIM)	▼
Entitlement management	
Permissions Management	
Privileged Identity Management (PIM)	

QUESTION 365
Hotspot Question
You plan to deploy multiple containerized microservice-based apps to Azure Kubernetes Service (AKS).
You need to recommend a solution that implements the following functions:
- State management
- Pub/sub messaging
- Traffic routing and splitting
The solution must minimize administrative effort.
What should you include in the recommendation for each function? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

State management:

Dapr	▼
Dapr	
Flux	
Istio	

Pub/sub messaging:

Dapr	▼
Dapr	
Flux	
Istio	

Traffic routing and splitting:

Istio	▼
Dapr	
Flux	
Istio	

Answer:

Answer Area

State management: Dapr ▼
- Dapr
- Flux
- Istio

Pub/sub messaging: Dapr ▼
- Dapr
- Flux
- Istio

Traffic routing and splitting: Istio ▼
- Dapr
- Flux
- Istio

QUESTION 366
Hotspot Question
You have the Azure resources shown in the following table.

Name	Description
contoso.com	Microsoft Entra tenant
fabrikam.com	Microsoft Entra tenant
mg01	Management group in the contoso.com tenant that contains two Azure subscriptions
mg02	Management group in the contoso.com tenant that contains one Azure subscription
mg03	Management group in the fabrikam.com tenant that contains three Azure subscriptions

You need to recommend a virtual network management solution that uses Azure Virtual Network Manager. The solution must meet the following requirements:
- Minimize the number of network managers.
- Minimize administrative effort when assigning the network group membership.
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

Minimum number of required network managers: 2 ▼
- 1
- 2
- 3

Assign the network group membership by using: Azure Policy ▼
- Azure Automanage
- Azure Automation
- Azure Policy

Answer:

Answer Area

Minimum number of required network managers: 2 ▼
- 1
- 2
- 3

Assign the network group membership by using: Azure Policy ▼
- Azure Automanage
- Azure Automation
- Azure Policy