Exam Questions AZ-301
Microsoft Azure Architect Design
NEW QUESTION 1
What should you include in the identity management strategy to support the planned changes?

A. Move all the domain controllers from corp.fabrikam.com to virtual networks in Azure.
B. Deploy domain controllers for corp.fabrikam.com to virtual networks in Azure.
C. Deploy a new Azure AD tenant for the authentication of new R&D projects.
D. Deploy domain controllers for the rd.fabrikam.com forest to virtual networks in Azure.

Answer: B

Explanation: Directory synchronization between Azure Active Directory (Azure AD) and corp.fabrikam.com must not be affected by a link failure between Azure and the on-premises network. (This requires domain controllers in Azure)
Users on the on-premises network must be able to authenticate to corp.fabrikam.com if an Internet link fails. (This requires domain controllers on-premises)

NEW QUESTION 2
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.

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 to two Azure regions, and you create a Traffic Manager profile.

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 3
You have the application architecture shown in the following exhibit.

Use the drop-down menus to select choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.
To change the front end to an active/active architecture in which both regions process incoming connections, you must [answer choice].

To control the threshold for failing over the front end to the standby region, you must configure the [answer choice].

NEW QUESTION 4
Note: This question is part of 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 an Azure subscription named RG1.

You create an Azure Active Directory (Azure AD) group named ResearchUsers that contains the user accounts of all researchers.

You need to recommend a solution that meets the following requirements:
- The researchers must be allowed to create Azure virtual machines.
- The researchers must only be able to create Azure virtual machines by using specific Azure Resource Manager templates.

Solution: Create an Azure DevOps Project. Configure the DevOps Project settings. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 5
You have an Azure subscription. The subscription contains Azure virtual machines that run Windows Server 2016 and Linux.

You need to use Azure Log Analytics design an alerting strategy for security-related events.

Which Log Analytics tables should you query? To answer, drag the appropriate tables to the correct log types. 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.

Answer:

Explanation:
NEW QUESTION 6

Note: This question is part of 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 an Azure subscription named Project1. Only a group named Project1admins is assigned roles in the Project1 subscription. The Project1 subscription contains all the resources for an application named Application1.

Your company is developing a new application named Application2. The members of the Application2 development team belong to an Azure Active Directory (Azure AD) group named App2Dev.

You identify the following requirements for Application2:

- The members of App2Dev must be prevented from changing the role assignments in Azure.
- The members of App2Dev must be able to create new Azure resources required by Application2.
- All the required role assignments for Application2 will be performed by the members of Project1admins.

You need to recommend a solution for the role assignments of Application2.

Solution: In Project1, create a resource group named Application2RG. Assign Project1admins the Owner role for Application2RG. Assign App2Dev the Contributor role for Application2RG.

Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 7

You plan to deploy the backup policy shown in the following exhibit.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.
NEW QUESTION 8
You have 20 Azure virtual machines that run Windows Server 2016 based on a custom virtual machine image. Each virtual machine an instance of a VSS-capable app that was developed in-house. Each instance is accessed by public endpoint. Each instance separate database. The average database size is 200 GB. You need to design a disaster recovery solution for individual instances.
- Provide a recovery objective time object (RTO) of six hours.
- Provide a recovery point objective (RPO) at eight hours.
- Support recovery to a different Azure region.
- Support VSS-based backups.
- Minimize VSS-based backups.

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:

Explanation:

NEW QUESTION 9
You configure the Diagnostics settings for an Azure SQL database as shown in the following exhibit.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each coned selection is worth one point.

Answer:

Explanation:
You need to recommend a high-availability solution for the middle tier of the payment processing system. What should you include in the recommendation?

A. availability zones  
B. an availability set  
C. the Premium App Service plan  
D. the Isolated App Server plan

**Answer:** A

**NEW QUESTION 11**

You need to recommend a backup solution for the data store of the payment processing. What should you include in the recommendation?

A. long-term retention  
B. a Recovery Services vault  
C. Azure Backup Server

**Answer:** B

**Explanation:**

**References:**

**NEW QUESTION 12**

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