Exam Questions AZ-300
Microsoft Azure Architect Technologies
NEW QUESTION 1
- (Exam Topic 1)
You need to deploy a new version of the Label Maker application. 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Create an alias of the image with fully qualified path to the registry
Log in to the registry and push image
Restart the cluster.

NEW QUESTION 2
- (Exam Topic 2)
You need to ensure that the solution can meet the scaling requirements for Policy Service. Which Azure Application Insights data model should you use?

A. an Application Insights trace
B. an Application Insights metric
C. an Application Insights dependency
D. an Application Insights event

Answer: B

NEW QUESTION 3
- (Exam Topic 3)
You need to implement Role1.
Which command should you run before you create Role1? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection = worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 4
- (Exam Topic 3)
You need to meet the connection requirements for the New York office.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5
- (Exam Topic 5)
You have two subscriptions named Subscription1 and Subscription2. Each subscription is associated to a different Azure AD tenant.
Subscription1 contains a virtual network named VNet1. VNet1 contains an Azure virtual machine named VM1 and has an IP address space of 10.0.0.0/16. Subscription2 contains a virtual network named VNet2. VNet2 contains an Azure virtual machine named VM2 and has an IP address space of 10.10.0.0/24.
You need to connect VNet1 to VNet2. What should you do first?

A. Modify the IP address space of VNet2
B. Move VM1 to Subscription.
C. Provision virtual network gateways.
D. Move VNet1 to Subscription2.

Answer: C

NEW QUESTION 6
- (Exam Topic 5)
You configure Azure AD Connect for Azure Active Directory Seamless Single Sign-On (Azure AD Seamless SSO) for an on-premises network.
Users report that when they attempt to access myapps.microsoft.com, they are prompted multiple times to sign in and are forced to use an account name that ends with onmicrosoft.com.
You discover that there is a UPN mismatch between Azure AD and the on-premises Active Directory. You need to ensure that the users can use single-sign on (SSO) to access Azure resources. What should you do first?

A. From the on-premises network, deploy Active Directory Federation Services (AD FS).
B. From the server that runs Azure AD Connect, modify the filtering options.
C. From the on-premises network, request a new certificate that contains the Active Directory domain name.
D. From Azure AD, add and verify a custom domain name.

Answer: D

NEW QUESTION 7
- (Exam Topic 5)
You have an Azure Active Directory (Azure AD) tenant.
All administrators must enter a verification code to access the Azure portal.
You need to ensure that the administrators can access the Azure portal only from your on-premises network. What should you configure?
A. the default for all the roles in Azure AD Privileged Identity Management
B. an Azure AD Identity Protection user risk policy
C. an Azure AD Identity Protection sign-in risk policy
D. the multi-factor authentication service settings

Answer: D

Explanation:
References:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-mfasettings

NEW QUESTION 8
- (Exam Topic 5)
You plan to develop an Azure Stream Analytics job that ingests streaming data from legacy, SaaS, and cloud applications. The data will be used for data analysis.
You need to select Azure resources to handle the data input and output for the solution. Which resources should you use?
A. Input Event Hub, output: Event Hub
B. Input Blobs, output: IoT Hub
C. Input IoT Hub, output: Service Bus
D. Input Service Bus, output: IoT Hub

Answer: D

NEW QUESTION 9
- (Exam Topic 5)
You have an Azure subscription that contains the following resources:
- a virtual network named VNet1
- a replication policy named ReplPoHcy1
- a Recovery Services vault named Vault1
- an Azure Storage account named Storage1
You have an Amazon Web Services (AWS) EC2 virtual machine named VM1 that runs Windows Server 2016.
You need to migrate VM1 to VNet1 by using Azure Site Recovery.
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 10
- (Exam Topic 5)
You have an Active Directory forest named contoso.com.
You install and configure AD Connect to use password hash synchronization as the single sign-on(SSO) method. Staging mode is enabled.
You review the synchronization results and discover that the Synchronization Service Manager does not display any sync jobs.
You need to ensure that the synchronization completes successfully.
What should you do?

A. From Azure PowerShell, run Start-AdSynchronizationCycle –PolicyType Initial.
B. Run Azure AD Connect and set the SSO method to Pass-through Authentication.
C. From Synchronization Service Manager, run a full import.
D. Run Azure AD Connect and disable staging mode.

Answer: D

Explanation:
References:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-operations

NEW QUESTION 11
- (Exam Topic 5)
You are creating an app that uses Event Grid to connect with other services. Your app’s event data will be sent to a serverless function that checks compliance. This function is maintained by your company.
You write a new event subscription at the scope of your resource. The event must be invalidated after a specific period of time.
You need to configure Event Grid to ensure security.
What should you implement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Authentication
- Type
  - WebHook event delivery
    - SAS tokens
    - Key authentication
    - JWT token
  - Topic publishing
    - ValidationCode handshake
    - ValidationURL handshake
    - Management Access Control

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/azure/event-grid/security-authentication

NEW QUESTION 12
- (Exam Topic 5)
You are developing a stateful service to deploy in Azure Service Fabric. You plan to implement the RunAsync method.
You need to implement the methods to interface with an instance of the IReliable dictionary interface to increment a count each time the service is called. The first time the service is called, you must initialize the count to 1 if it does not yet exist and then update it by one each time it is called.
Which three methods should you run in sequence? To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.
NEW QUESTION 13
- (Exam Topic 5)
You maintain an existing Azure SQL Database instance. Management of the database is performed by an external party. All cryptographic keys are stored in an Azure Key Vault.
You must ensure that the external party cannot access the data in the SSN column of the Person table.
Will each protection method meet the requirement? To answer, drag the appropriate responses to the correct protection methods. Each response 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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:

NEW QUESTION 14
- (Exam Topic 5)
You have an Azure Service Bus.
You need to implement a Service Bus queue that guarantees first-in-first-out (FIFO) delivery of messages. What should you do?

A. Enable partitioning
B. Enable duplicate detection
C. Set the Lock Duration setting to 10 seconds
D. Enable sessions
E. Set the Max Size setting of the queue to 5 GB

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 15
- (Exam Topic 5)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. You have the following resource groups:

<table>
<thead>
<tr>
<th>Resource group</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>DevServer_WestCentralUS</td>
<td>This resource group is located in the West Central US region and contains a single virtual machine named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.</td>
</tr>
<tr>
<td>Workstation_EastUS</td>
<td>This resource group is located in the East US region and contains a virtual machine named DevWorkstation. DevWorkstation is connected to a subnet in a Virtual Network and is configured with a public IP address. A network security group has been configured to allow public incoming remote desktop protocol (RDP) connections to the DevWorkstation.</td>
</tr>
</tbody>
</table>

Developers must connect to DevServer only through DevWorkstation. To maintain security, DevServer must not accept connections from the internet. You need to create a private connection between the DevWorkstation and DevServer.

Solution: Configure a public IP address on DevServer_WestCentral. Configure the Network Security Group to allow all incoming ports.

Does the solution meet the goal?

A. Yes
B. NO

Answer: A

NEW QUESTION 16
- (Exam Topic 5)
You have an Azure subscription named Subscription1. Subscription1 contains the resources in the following table:

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG1</td>
<td>Resource group</td>
</tr>
<tr>
<td>RG2</td>
<td>Resource group</td>
</tr>
<tr>
<td>VNet1</td>
<td>Virtual network</td>
</tr>
<tr>
<td>VNet2</td>
<td>Virtual network</td>
</tr>
</tbody>
</table>

VNet1 is in RG1. VNet2 is in RG2. There is no connectivity between VNet1 and VNet2. An administrator named Admin1 creates an Azure virtual machine VM1 in RG1. VM1 uses a disk named Disk1 and connects to VNet1. Admin1 then installs a custom application in VM1. You need to move the custom application to VNet2. The solution must minimize administrative effort. Which two actions should you perform? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.
NEW QUESTION 17
- (Exam Topic 5)
You are developing an Azure web application to store and archive patient medical records in Azure. You need to configure data storage to meet the following policies:
• Ensure that you can configure a retention period for patient records.
• Archived data must be readable.
• Archived data must not be modified or deleted. Which Azure storage service should you use?

A. Azure Tables
B. Azure Blobs
C. Azure Queues
D. Azure Files

Answer: A

NEW QUESTION 18
(Exam Topic 5)
You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

You need to create a Dockerfile document that meets the following requirements:
Call setupScript.ps1 when the container is built.
Run ContosoApp.dll when the container starts.
The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.

Which four commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

A. RUN powershell .\setupScript.ps1
B. CMD ['dotnet', 'ContosoApp.dll']
C. FROM microsoft/aspnetcore:2.0
D. CMD powershell .\setupScript.ps1
E. ENTRYPOINT ['dotnet', 'ContosoApp.dll']
F. WORKDIR /apps/ContosoApp
G. EXPOSE /ContosoApp/:/apps/ContosoApp
H. COPY ./

Answer: A

Explanation:
NEW QUESTION 19

- (Exam Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.

You need to meet the vendor notification requirement.

Solution: Update the Delivery API to send emails by using a cloud-based email service. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:

References:

NEW QUESTION 20

- (Exam Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.

You need to meet the vendor notification requirement.

Solution: Configure notifications in the Azure API Management instance. Does the solution meet the goal?

A. Yes
B. No

Answer: A
NEW QUESTION 21

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Explanation:
References:
https://docs.microsoft.com/en-us/azure/api-management/api-management-how-to-configure-notifications
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