

AZ-300 Dumps

Microsoft Azure Architect Technologies

<https://www.certleader.com/AZ-300-dumps.html>



NEW QUESTION 1

- (Exam Topic 2)

You need to resolve a notification latency issue.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Ensure that the Azure Function is set to use a consumption plan.
- B. Set Always On to false
- C. Set Always On to true
- D. Ensure that the Azure Function is using an App Service plan.

Answer: AC

NEW QUESTION 2

- (Exam Topic 3)

You need to meet the technical requirement for VM4. What should you create and configure?

- A. an Azure Event Hub
- B. an Azure Notification Hub
- C. an Azure Logic App
- D. an Azure Service Bus

Answer: C

NEW QUESTION 3

- (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 4

- (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 5

- (Exam Topic 5)

You have an Azure Storage accounts as shown in the following exhibit.

Storage accounts

Contoso

+ Add Edit columns Refresh Assign Tags Delete

Subscriptions: All 2 selected = Don't see a subscription? [Switch directories](#)

*Filter by name All subscriptions v All resource groups v All types v All locations v No grouping v

3 items

NAME	TYPE	KIND	RESOURCE...	LOCATION	SYBSRIPTI..	ACCESS T...	REPLICAT..
storageaccount1	Storage account	Storage	ContosoRG1	East US	Subscription 1	.	Read-access ge..
storageaccount2	Storage account	StorageV2	ContosoRG1	Central US	Subscription 1	Hot	Geo-redundant
storageaccount3	Storage account	BlobStorage	ContosoRG1	East US	Subscription 1	Hot	Locally-redund

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.

You can use [answer choice] for Azure Table Storage.

- storageaccount1 only
- storageaccount2 only
- storageaccount3 only
- storageaccount1 and storageaccount2 only
- storageaccount2 and storageaccount3 only

You can use [answer choice] for Azure Blob Storage.

- storageaccount3 only
- storageaccount2 and storageaccount3 only
- storageaccount1 and storageaccount3 only
- all the storage accounts

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 6

- (Exam Topic 5)

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.

A company backs up data to on-premises servers at their main facility. The company currently has 30 TB of archived data that infrequently used. The facility has download speeds of 100 Mbps and upload speeds of 20 Mbps.

You need to securely transfer all backups to Azure Blob Storage for long-term archival. All backup data must be sent within seven days.

Solution: Create a file share in Azure Files. Mount the file share to the server and upload the files to the file share. Transfer the files to Azure Blob Storage.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 7

- (Exam Topic 5)

You create an Azure Time Series Insights event handler. You need to send data over the network as efficiently as possible and optimize query performance.

What should you do?

- A. Create a query plan
- B. Send all properties
- C. Use a Tag ID
- D. Use reference data

Answer: D

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/time-series-insights/how-to-shape-query-json>

NEW QUESTION 8

- (Exam Topic 5)

You download an Azure Resource Manager template based on an existing virtual machine. The template will be used to deploy 100 virtual machines. You need to modify the template to reference an administrative password. You must prevent the password from being stored in plain text. What should you create to store the password?

- A. an Azure Key Vault and an access policy.
- B. an Azure Storage account and an access policy.
- C. Azure Active Directory (AD) Identity Protection and an Azure policy.
- D. a Recovery Services vault and a backup policy.

Answer: A

NEW QUESTION 9

- (Exam Topic 5)

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.

A company backs up data to on-premises servers at their main facility. The company currently has 30 TB of archived data that infrequently used. The facility has download speeds of 100 Mbps and upload speeds of 20 Mbps.

You need to securely transfer all backups to Azure Blob Storage for long-term archival. All backup data must be sent within seven days.

Solution: Use the Set-AzureStorageBlobContent Azure PowerShell command to copy all backups asynchronously to Azure Blob Storage.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 10

- (Exam Topic 5)

You are developing an app that references data which is sharded across multiple Azure SQL databases. The app must guarantee transactional consistency for changes across several different sharding key values. You need to manage the transactions.

What should you implement?

- A. Elastic database transactions with horizontal partitioning.
- B. Distributed transactions coordinated by Microsoft Distributed Transaction Coordinator (MSDTC).
- C. Server-coordinated transactions from .NET application.
- D. Elastic database transactions with vertical partitioning.

Answer: A

Explanation:

References:
<https://docs.microsoft.com/mt-mt/azure/sql-database/sql-database-elastic-transactions-overview?view=azurermp>

NEW QUESTION 10

- (Exam Topic 5)

You are developing a rating service for books that runs on Azure Service Fabric. One of the services uses reliable collections that update the ratings of a book. Testers report that the ratings are not updated when the code is run.

You need to implement the code to ensure that ratings are updated in the collection. You have the following class:

```
class Book
{
    string Name;
    string Rating;

    public Book(Book refBook)
    {
        Name = refBook.Name;
        Rating = refBook.Rating;
    }
}
```

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment 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

The screenshot shows an exam question interface. On the left, there are several code segments to be dragged. The first four are under the heading "Book updatedBook = new Book(...)"; the last three are under the heading "Second code segments". On the right, there is an "Answer Area" with a code editor containing a partial C# code snippet. The code in the answer area is:

```
using (ITransaction tx = StateManager.CreateTransaction()) {
    ConditionalValue<Book> currentBook = await m_dic.TryGetValueAsync(tx, isbn)
    if (currentBook.HasValue) {
        first code segment
        second code segment
        await tx.CommitAsync();
    }
}
```

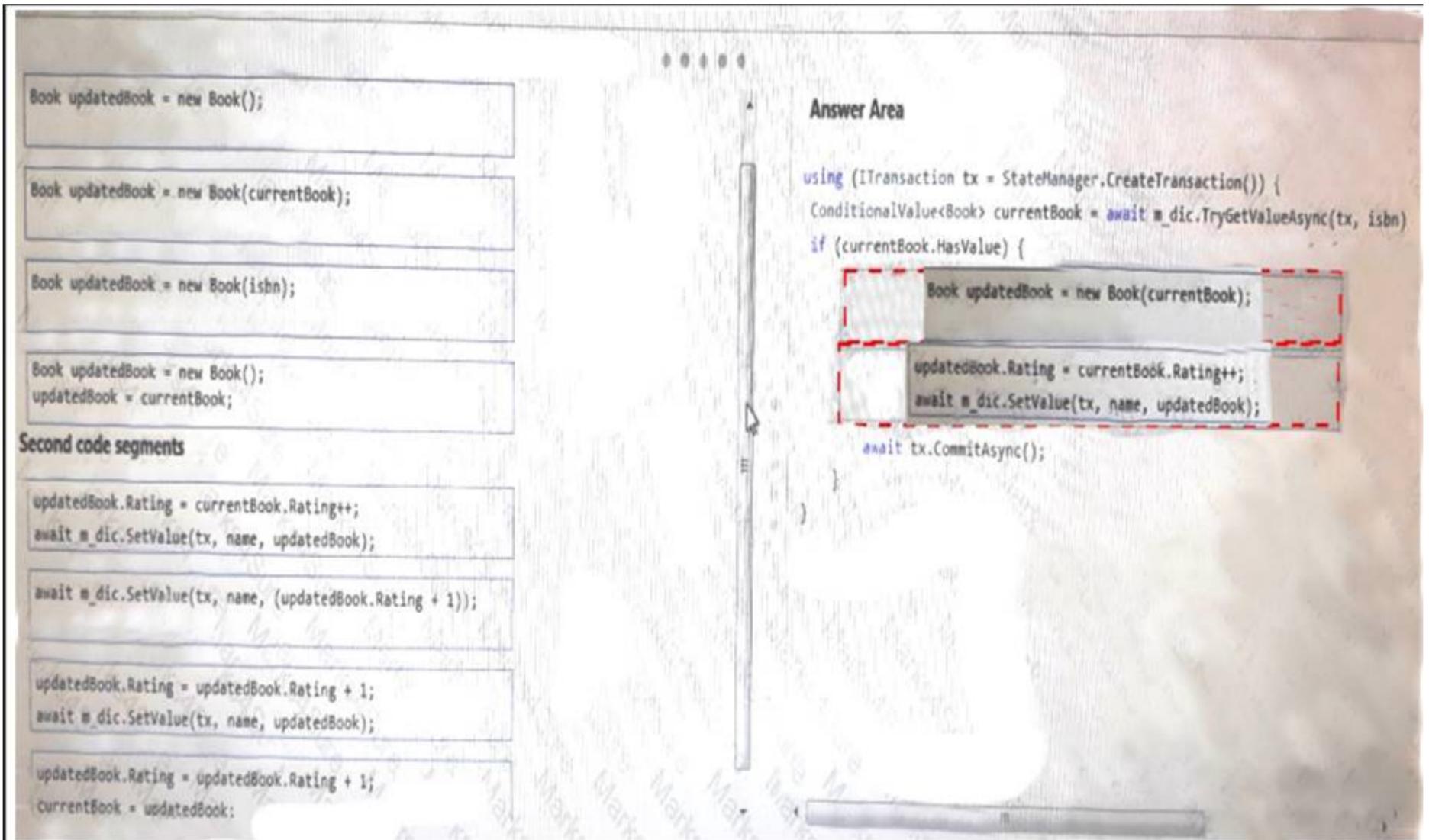
The segments to be dragged are:

- Book updatedBook = new Book();
- Book updatedBook = new Book(currentBook);
- Book updatedBook = new Book(isbn);
- Book updatedBook = new Book();
updatedBook = currentBook;
- Second code segments
- updatedBook.Rating = currentBook.Rating++;
await m_dic.SetValue(tx, name, updatedBook);
- await m_dic.SetValue(tx, name, (updatedBook.Rating + 1));
- updatedBook.Rating = updatedBook.Rating + 1;
await m_dic.SetValue(tx, name, updatedBook);
- updatedBook.Rating = updatedBook.Rating + 1;
currentBook = updatedBook;

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 14

- (Exam Topic 5)

Your company has offices in New York and Los Angeles.

You have an Azure subscription that contains an Azure virtual network named VNet1. Each office has a site-to-site VPN connection to VNet1.

Each network uses the address spaces shown in the following table:

Location	IP address space
VNet1	192.168.0.0/20
New York	10.0.0.0/16
Los Angeles	10.10.0.0/16

You need to ensure that all Internet-bound traffic from VNet1 is routed through 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.

In Azure, run:

<input type="checkbox"/>	V
<input type="checkbox"/>	New-AzureRmLocalNetworkGateway
<input type="checkbox"/>	New-AzureRmVirtualNetworkGatewayConnection
<input type="checkbox"/>	Set-AzureRmVirtualNetworkGatewayDefaultSite

On a VPN device in the New York office, set the traffic selectors to:

<input type="checkbox"/>	V
<input type="checkbox"/>	0.0.0.0/0
<input type="checkbox"/>	10.0.0.0/16
<input type="checkbox"/>	192.168.0.0/20

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In Azure, run:

```

New-AzureRmLocalNetworkGateway
New-AzureRmVirtualNetworkGatewayConnection
Set-AzureRmVirtualNetworkGatewayDefaultSite
    
```

On a VPN device in the New York office, set the traffic selectors to:

```

0.0.0.0/0
10.0.0.0/16
192.168.0.0/20
    
```

NEW QUESTION 17

- (Exam Topic 5)

You plan to migrate an on-premises Hyper-V environment to Azure by using Azure Site Recovery. The Hyper-V environment is managed by using Microsoft System Center Virtual Machine Manager (VMM).

The Hyper-V environment contains the virtual machines in the following table:

Name	Operating system (OS)	OS disk size	BitLocker Drive Encryption (BitLocker) enabled on OS disks.	Generation
DC1	Windows Server 2016	500 GB	No	2
FS1	Ubuntu 16.04 LTS	200 GB	No	2
CA1	Windows Server 2012 R2	1 TB	Yes	1
SQL1	Windows Server 2016	200 GB	No	1

Which virtual machine can be migrated by using Azure Site Recovery? Which virtual machine can be migrated by using Azure Site Recovery?

- A. FS1
- B. CA1
- C. DC1
- D. SQL1

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-support-matrix#azure-vm-requirements>

NEW QUESTION 20

- (Exam Topic 5)

You have an Azure subscription named Subscription1. Subscription1 contains the resources in the following table:

Name	Type
RG1	Resource group
RG2	Resource group
VNet1	Virtual network
VNet2	Virtual network

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.

First action:

	v
Create a network interface in RG2.	
Detach a network interface.	
Delete VM1.	
Move a network interface to RG2.	

Second action:

	v
Attach a network interface.	
Create a network interface in RG2.	
Create a new virtual machine.	
Move VM1 to RG2.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

First action:

	v
Create a network interface in RG2.	
Detach a network interface.	
Delete VM1.	
Move a network interface to RG2.	

Second action:

	v
Attach a network interface.	
Create a network interface in RG2.	
Create a new virtual machine.	
Move VM1 to RG2.	

NEW QUESTION 21

- (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 23

- (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.

Commands

Answer Area

```
RUN powershell ./setupScript.ps1  
CMD ["dotnet", "ContosoApp.dll"]
```

```
FROM microsoft/aspnetcore:2.0
```

```
CMD powershell ./setupScript.ps1  
ENTRYPOINT ["dotnet",  
"ContosoApp.dll"]
```

```
WORKDIR /apps/ContosoApp
```

```
EXPOSE ./ContosoApp/ /apps/ContosoApp
```

```
COPY ./.
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Commands

```
RUN powershell ./setupScript.ps1
CMD ["dotnet", "ContosoApp.dll"]
```

```
FROM microsoft/aspnetcore:2.0
```

```
CMD powershell ./setupScript.ps1
ENTRYPOINT ["dotnet",
"ContosoApp.dll"]
```

```
WORKDIR /apps/ContosoApp
```

```
EXPOSE ./ContosoApp/ /apps/ContosoApp
```

```
COPY ./
```

Answer Area

```
FROM microsoft/aspnetcore:2.0
```

```
WORKDIR /apps/ContosoApp
```

```
COPY ./
```

```
RUN powershell ./setupScript.ps1
CMD ["dotnet", "ContosoApp.dll"]
```

NEW QUESTION 28

- (Exam Topic 5)

You are developing an internal website for employee to view sensitive data. The website uses Azure Directory (AAD) for authentication.

You need to implement multifactor authentication for the website. What should you do? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Upgrade to Azure AD premium.
- B. In Azure ACL enable application pages.
- C. Configuration the website to user Azure AD BDC.
- D. In Azure AD conditional access enable the baseline policy.
- E. In Azure AD create a new conditional access policy.

Answer: CE

NEW QUESTION 33

- (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:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-configure-notifications>

NEW QUESTION 37

- (Exam Topic 6)

You need to meet the vendor notification requirement.

Solution: Create and apply a custom outbound Azure API Management policy. Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-configure-notifications>

NEW QUESTION 38

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