



Microsoft

Exam Questions AZ-300

Microsoft Azure Architect Technologies

NEW QUESTION 1

- (Exam Topic 1)

You need to access user claims in the e-commerce web app. What should you do first?

- A. Write custom code to make a Microsoft Graph API call from the e-commerce web app.
- B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API
- C. Update the e-commerce web app to read the HTTP request header values.
- D. Using the Azure CU, enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web

Answer: A

NEW QUESTION 2

- (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 3

- (Exam Topic 4)

You need to implement App2 to meet the application requirements.

What should you include in the implementation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

App Service plan pricing tier:

	v
Isolated	
Shared	
Standard	

Enabled feature:

	v
Always On	
Auto Swap	
Web Sockets	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://azure.microsoft.com/en-us/pricing/details/app-service/plans/> <https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale>

NEW QUESTION 4

- (Exam Topic 4)

You need to configure the Azure ExpressRoute circuits.

How should you configure Azure ExpressRoute routing? To answer, drag the appropriate configurations to the correct locations. Each Configuration 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.

Configurations	Answer Area
Use BGP communities to configure BGP's Local Preference.	Routing from A.Datum to Azure: <div style="border: 1px solid #00a0e3; height: 40px; width: 100%; margin-top: 5px;"></div>
Use BGP to append the private AS numbers to the advertised prefixes.	Routing from Microsoft Online Services to A.Datum: <div style="border: 1px solid #00a0e3; height: 40px; width: 100%; margin-top: 5px;"></div>
Use BGP to append the public AS numbers to the advertised prefixes.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Configurations	Answer Area	
Use BGP communities to configure BGP's Local Preference.	Routing from A.Datum to Azure:	Use BGP to append the public AS numbers to the advertised prefixes.
Use BGP to append the private AS numbers to the advertised prefixes.	Routing from Microsoft Online Services to A.Datum:	Use BGP communities to configure BGP's Local Preference.
Use BGP to append the public AS numbers to the advertised prefixes.		

NEW QUESTION 5

- (Exam Topic 5)

You are developing a web app that uses a REST interface to connect to Azure Storage with HTTPS. This app uploads and streams video content that can be accessed from anywhere in the world.

You have different storage requirements for each part of the app. A hierarchical namespace must be created. Which storage services should you implement? To answer, select the appropriate services to the correct actions. Each service 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.

Storage services	Answer Area	
	Action	Storage service
Azure Blobs	Stream video content.	
Azure Table Storage	Perform random read/write operations.	
Azure HDInsight	Access application data from anywhere.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Storage services	Action	Storage service
Azure Blobs	Stream video content.	Azure Blobs
Azure Table Storage	Perform random read/write operations.	Azure Blobs
Azure HDInsight	Access application data from anywhere.	Azure Blobs

NEW QUESTION 6

- (Exam Topic 5)

You have an on-premises network that you plan to connect to Azure by using a site-to-site VPN.

In Azure, you have an Azure virtual network named VNet1 that uses an address space of 10.0.0.0/16. VNet1 contains a subnet named Subnet1 that uses an address space of 10.0.0.0/24.

You need to create a site-to-site VPN to Azure.

Which four 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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Create a gateway subnet.	
Create a custom DNS server.	
Create a local gateway.	
Create an Azure Content Delivery Network (CDN) profile.	
Create a VPN gateway.	
Create a VPN connection.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Create a gateway subnet.
- Create a custom DNS server.
- Create a local gateway.
- Create an Azure Content Delivery Network (CDN) profile.
- Create a VPN gateway.
- Create a VPN connection.

Answer Area

- Create a gateway subnet.
- Create a VPN gateway.
- Create a local gateway.
- Create a VPN connection.

NEW QUESTION 7

- (Exam Topic 5)

You are developing a SMS-based testing solution. The solution sends users a question by using SMS. Early responders may qualify for prizes. Users must respond with an answer choice within 90 seconds. You must be able to track how long it takes each user to respond. You create a durable Azure Function named SendSmsQuizQuestion that uses Twilio to send messages. You need to write the code for MessageQuiz. How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
[FunctionName("MessageQuiz")]
public static async Task<bool> Run([OrchestrationTrigger]
DurableOrchestrationContext context)
{
    string phoneNumber = context.GetInput<string>();
    int correctAnswerCode = await context.CallActivityAsync<int>
("SendSmsQuizQuestion", phoneNumber);
    using (var cts = new CancellationTokenSource())
    {
        DateTime expiration = DateTime.UtcNow;
        DateTime expiration = DateTime.UtcNow.AddSeconds(90);
        DateTime expiration = DateTime.Now();
        DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90);

        var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);
        var timeoutTask = context.CreateTimer(expiration, cts.Token);
        var timeoutTask = context.WaitForExternalEvent("timeout", 90000);
        var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration);

        bool isWinner = false;
        for (int retryCount = 0; retryCount <= 3; retryCount++)
        {
            Task<int> challengeResponseTask =
            context.WaitForExternalEvent<int>("SmsQuizResponse");
            Task winner = await Task.WhenAny(challengeResponseTask,
            timeoutTask);
            if (winner == challengeResponseTask)
            {
                if(challengeResponseTask.Result == correctAnswerCode)
                {
                    isWinner = true;
                    break;
                }
            }
            else
            {
                break;
            }
        }

        if (!timeoutTask.IsCompleted)
        if (!timeoutTask.IsCanceled)
        if (!context.IsReplaying)
        if (!cts.IsCancellationRequested)
        {
            cts.Cancel();
        }
        return isWinner;
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
[FunctionName("MessageQuiz")]
public static async Task<bool> Run([OrchestrationTrigger]
DurableOrchestrationContext context)
{
    string phoneNumber = context.GetInput<string>();
    int correctAnswerCode = await context.CallActivityAsync<int>
("SendSmsQuizQuestion", phoneNumber);
    using (var cts = new CancellationTokenSource())
    {
        DateTime expiration = DateTime.UtcNow;
        DateTime expiration = DateTime.UtcNow.AddSeconds(90);
        DateTime expiration = DateTime.Now();
        DateTime expiration = context.CurrentUtcDateTime.AddSeconds(90);

        var timeoutTask = context.CallActivityAsync<DateTime>("timeout", expiration);
        var timeoutTask = context.CreateTimer(expiration, cts.Token);
        var timeoutTask = context.WaitForExternalEvent("timeout", 90000);
        var timeoutTask = context.CallSubOrchestratorAsync("timeout", expiration);

        bool isWinner = false;
        for (int retryCount = 0; retryCount <= 3; retryCount++)
        {
            Task<int> challengeResponseTask =
            context.WaitForExternalEvent<int>("SmsQuizResponse");
            Task winner = await Task.WhenAny(challengeResponseTask,
            timeoutTask);
            if (winner == challengeResponseTask)
            {
                if(challengeResponseTask.Result == correctAnswerCode)
                {
                    isWinner = true;
                    break;
                }
            }
            else
            {
                break;
            }
        }

        if (!timeoutTask.IsCompleted)
        if (!timeoutTask.IsCanceled)
        if (!context.IsReplaying)
        if (!cts.IsCancellationRequested)
        {
            cts.Cancel();
        }
        return isWinner;
    }
}
```

NEW QUESTION 8

- (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 9

- (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 10

- (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 u 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: lot Hub

Answer: D

NEW QUESTION 10

- (Exam Topic 5)

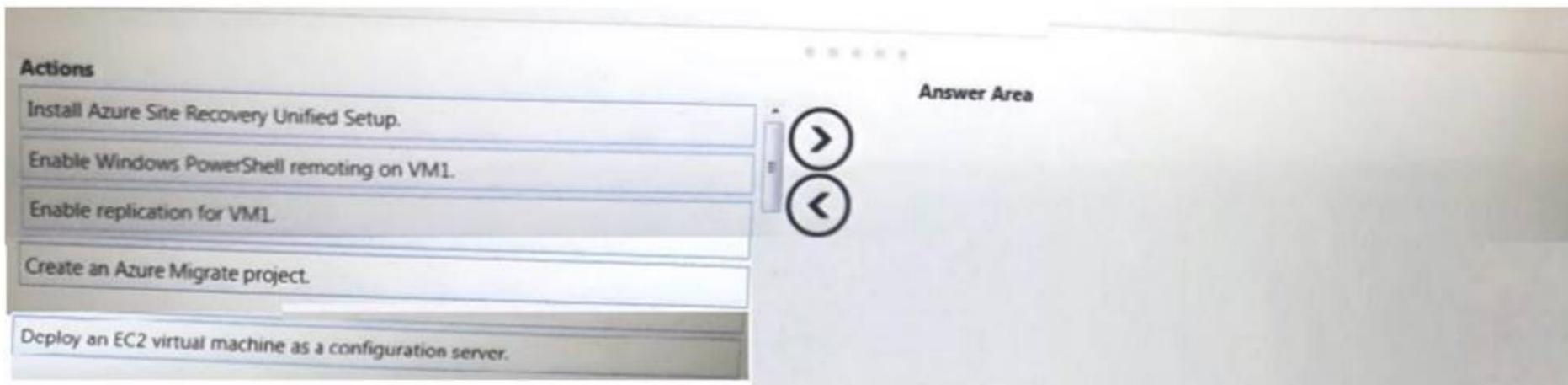
You have an Azure subscription that contains the following resources:

- 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.

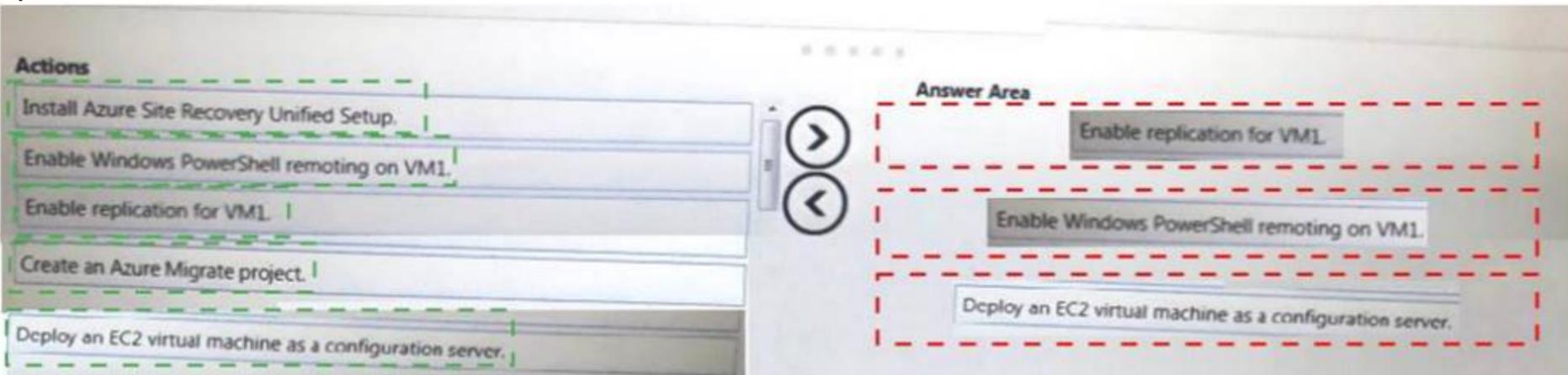
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 15

- (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 18

- (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.

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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 19

- (Exam Topic 5)

You are developing a back-end Azure App Service that scales based on the number of messages contained in a Service Bus queue.

A rule already exists to scale up the App Service when the average queue length of unprocessed and valid queue messages is greater than 1000.

You need to add a new rule that will continuously scale down the App Service as long as the scale up condition is not met.

How should you configure the Scale rule? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Scale Rule

X

Metric source

Storage queue
Service Bus queue
Current resource
Storage queue(classic)

Resource type

Service Bus Namespaces v

Resource

MessageQueue1103 v

*Queues

itemqueue v

Criteria

*Metric name

Message Count
Active Message Count

1 minute time grain

*Time grain statistic ⓘ

Total
Maximum
Average
Count

*Operator

Greater than
Greater than or equal to
Less than
Less than or equal to

*Threshold

1000

Action

*Operation

Increase count by
Increase count to
Decrease count by
Decrease count to

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scale Rule

X

Metric source

Storage queue
Service Bus queue
Current resource
Storage queue(classic)

Resource type

Service Bus Namespaces v

Resource

MessageQueue1103 v

*Queues

itemqueue v

Criteria

*Metric name

Message Count
Active Message Count

1 minute time grain

*Time grain statistic ⓘ

Total
Maximum
Average
Count

*Operator

Greater than
Greater than or equal to
Less than
Less than or equal to

*Threshold

1000

Action

*Operation

Increase count by
Increase count to
Decrease count by
Decrease count to

*Cool down (minutes) ⓘ

5

UPDATE

DELETE

NEW QUESTION 20

- (Exam Topic 5)

You have an Azure Active Directory (Azure AD) tenant that contains three global administrators named Admin1, Admin2, and Admin3. The tenant is associated to an Azure subscription. Access control for the subscription is configured as shown in the Access control exhibit. (Click the Exhibit tab.)

The screenshot shows the Azure Access Control interface with the following filters and settings:

- Name:** Search by name or email
- Type:** All
- Role:** 3 selected
- Scope:** All scopes
- Group by:** Role

Summary: 5 items (4 Users, 1 Service Principals)

<input type="checkbox"/>	NAME	TYPE	ROLE	SCOPE
<input type="checkbox"/>	OWNER			
<input type="checkbox"/>	AD Admin3 Admin3@contltd...	User	Owner	Service administr... This resource ...

You sign in to the Azure portal as Admin1 and configure the tenant as shown in the Tenant exhibit. (Click the Exhibit tab.)

The screenshot shows the Azure Tenant configuration form with the following fields:

- Name:** Contoso
- Country or region:** United States
- Location:** United States datacenters
- Notification language:** English
- Global admin can manage Azure Subscriptions and Management Groups:** YES
- Directory ID:** a8ccb916-31f3-4582-b9b7-854f413d7177
- Technical contact:** (Empty field)
- Global privacy contact:** (Empty field)
- Privacy statement URL:** (Empty field)

For each of the following statement, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Admin1 can add Admin2 as an owner of the subscription.	<input type="radio"/>	<input type="radio"/>
Admin2 can add Admin1 as an owner of the subscription.	<input type="radio"/>	<input type="radio"/>
Admin2 can create a resource group in the subscription.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Admin1 can add Admin2 as an owner of the subscription.	<input checked="" type="radio"/>	<input type="radio"/>
Admin2 can add Admin1 as an owner of the subscription.	<input type="radio"/>	<input checked="" type="radio"/>
Admin2 can create a resource group in the subscription.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 25

- (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 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 Active Directory (Azure AD) tenant named Adatum and an Azure Subscription1 named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the logic App Operator role to the Developers group. Does this meet the goal?

- A. Yes
- B. NO

Answer: B

NEW QUESTION 30

- (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-AdSyncSyncCycle -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 31

- (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 interface with a list of code segments on the left and an answer area on the right. The code segments 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;

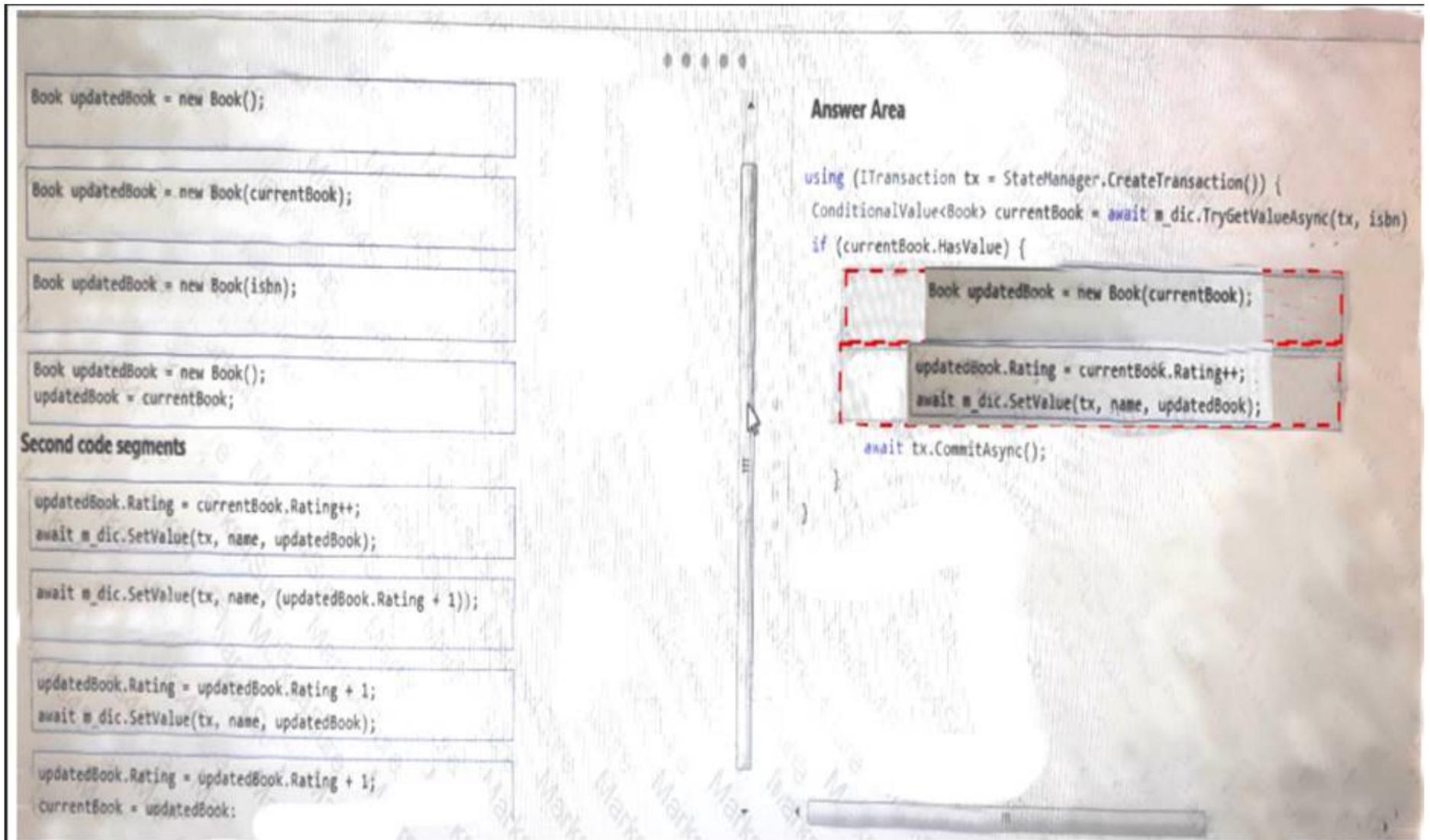
The answer area contains the following code structure:

```
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();
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 36

- (Exam Topic 5)

You are developing a solution that requires serverless code execution in Azure. The solution has two functions that must run in a specific order. You need to ensure that the second function can use the output from the first function.

How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```

public static async Task<object> Run (
    {
    try
    {
    var f1Result = await c.
    return await c.
    }
    catch (Exception e)
    {
    ...
    }
    }

```

C)

DurableOrchestrationContext
DurableActivityContext
DurableOrchestrationClient
DurableOrchestrationStatus

CallActivityAsync
CallSuborchestratorAsync
WaitForExternalEvent

CallActivityAsync
CallSubOrchestratorAsync
WaitForExternalEvent

A. Mastered

B. Not Mastered

Answer: A

Explanation:

```
public static async Task<object> Run(
    {
    try
    {
    var flResult = await c.
    }
    return await c.
    }
    catch (Exception e)
    {
    ...
    }
    }
```

DurableOrchestrationContext
 DurableActivityContext
 DurableOrchestrationClient
 DurableOrchestrationStatus

C)

CallActivityAsync
 CallSubOrchestratorAsync
 WaitForExternalEvent

<object>("AzureFunction01", null);

CallActivityAsync
 CallSubOrchestratorAsync
 WaitForExternalEvent

<object>("AzureFunction02", flResult);

NEW QUESTION 40

- (Exam Topic 5)

Fourth Coffee has an ASP.Net Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI commands from the list of commands to the answer area and arrange them in the correct order.

Azure CLI commands

Answer Area

```
az webapp config container set  
--docker-custom-image-name  
SdockerHubContainerPath  
--name SappName  
--resource-group  
fourthCoffeePublicWebResourceGroup
```

```
az webapp create  
--name SappName  
--plan AppServiceLinuxDockerPlan  
--resource-group  
fourthCoffeePublicWebResourceGroup
```

```
#!/bin/bash  
appName="FourthCofeePublicWebSrandom"  
location="WestUS"  
dockerHubContainerPath="FourthCofee/publicwe  
fqdn="http://fourthcofee.com">www.fourth
```

```
az webapp config hostname add  
--webapp-name SappName  
--resource-group  
fourthCoffeePublicWebResourceGroup \  
--hostname Sfqn
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Azure CLI commands

```
az webapp config container set
--docker-custom-image-name
SdockerHubContainerPath
--name SappName
--resource-group
fourthCoffeePublicWebResourceGroup
```

```
az webapp create
--name SappName
--plan AppServiceLinuxDockerPlan
--resource-group
fourthCoffeePublicWebResourceGroup
```

```
#/bin/bash
appName="FourthCofeePublicWebSrandom"
location="WestUS"
dockerHubContainerPath="FourthCofee/publicwe
fqdn="http://fourthcofee.com">www.fourth
```

```
az webapp config hostname add
--webapp-name SappName
--resource-group
fourthCoffeePublicWebResourceGroup \
--hostname Sfqn
```

Answer Area

```
#/bin/bash
appName="FourthCofeePublicWebSrandom"
location="WestUS"
dockerHubContainerPath="FourthCofee/publicwe
fqdn="http://fourthcofee.com">www.fourth
```

```
az webapp create
--name SappName
--plan AppServiceLinuxDockerPlan
--resource-group
fourthCoffeePublicWebResourceGroup
```

```
az webapp config container set
--docker-custom-image-name
SdockerHubContainerPath
--name SappName
--resource-group
fourthCoffeePublicWebResourceGroup
```

```
az webapp config hostname add
--webapp-name SappName
--resource-group
fourthCoffeePublicWebResourceGroup \
--hostname Sfqn
```

NEW QUESTION 41

- (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 44

- (Exam Topic 5)

You are developing an ASP.NET web application that you will deploy to Azure. The solution must meet the following requirements:

- Store user session state by using only serializable data types.
- Provide customizable caching of session data.
- Support scaling out the number of web hosts-
- Maximize performance.

Which solution meets these requirements?

- A. Clustered Azure Redis Cache
- B. ASP.NET Output Cache provider for Azure Redis Cache
- C. in-memory session state provider
- D. SQL Server session state provider

Answer: C

NEW QUESTION 47

- (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

Responses

Answer Area

Yes
No

Protection method

- Enable AlwaysOn encryption.
- Set the column encryption setting to disabled.
- Assign users to the Public fixed database role.
- Store column encryption keys in the system catalog view in the database.

Response

Response
Response
Response
Response

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 52

- (Exam Topic 5)

You have an Azure subscription that contains a virtual network named VNet1. VNet1 has two subnets named Subnet1 and Subnet2. VNet1 is in the West Europe Azure region. The subscription contains the virtual machines in the following table.

Name	Connected to
VM1	Subnet1
VM2	Subnet1
VM3	Subnet2

You need to deploy an application gateway named AppGW1 to VNet1. What should you do first?

- A. Add a load balancer.
- B. Add a virtual network.
- C. Add a subnet
- D. Create a network security group (NSG).

Answer: C

NEW QUESTION 57

- (Exam Topic 5)

You have an Azure Active Directory (Azure AD) tenant named contosodoud.onmicrosoft.com. Your company has a public DNS zone for contoso.com. You add contoso.com as a custom domain name to Azure AD. You need to ensure that Azure can verify the domain name. Which type of DNS record should you create?

- A. PTR
- B. TXT
- C. NSEC3
- D. DNSKEY

Answer: B

NEW QUESTION 59

- (Exam Topic 5)

You are the global administrator for an Azure Active Directory (Azure AD) tenant named adatum.com. You need to enable two-step verification for Azure users. What should you do?

- A. Create an Azure AD conditional access policy.
- B. Configure a playbook in Azure Security Center.
- C. Enable Azure AD Privileged Identity Management.
- D. Install an MFA Server.

Answer: D

NEW QUESTION 61

- (Exam Topic 5)

You plan to deploy five virtual machines to a virtual network subnet. Each virtual machine will have a public IP address and a private IP address. Each virtual machine requires the same inbound and outbound security rules. What is the minimum number of network interfaces and network security groups that you require? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Minimum number of network interfaces:

	v
5	
10	
15	
20	

Minimum number of network security groups:

	v
1	
2	
5	
10	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Minimum number of network interfaces:

	v
5	
10	
15	
20	

Minimum number of network security groups:

	v
1	
2	
5	
10	

NEW QUESTION 65

- (Exam Topic 5)

You are creating an IoT solution using Azure Time Series Insights. You configure the environment to ensure that all data for the current year is available. What should you do?

- A. Add a disaster recovery (DR) strategy.
- B. Set a value for the Data retention time setting.
- C. Change the pricing tier.
- D. Create a reference data set.

Answer: D

NEW QUESTION 69

- (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.	

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

Name	Address space	Subnet name	Subnet address range
VNet1	10.1.0.0/16	Subnet1	10.1.1.0/24
VNet2	10.10.0.0/16	Subnet2	10.10.1.0/24
VNet3	172.16.0.0/16	Subnet3	172.16.1.0/24

Subscription1 contains the virtual machines in the following table:

Name	Network	Subnet	IP address
VM1	VNet1	Subnet1	10.1.1.4
VM2	VNet2	Subnet2	10.10.1.4
VM3	VNet3	Subnet3	172.16.1.4

The firewalls on all the virtual machines are configured to allow all ICMP traffic. You add the peerings in the following table:

Virtual network	Peering network
VNet1	VNet3
VNet2	VNet3
VNet3	VNet1

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM1 can ping VM3.	<input type="radio"/>	<input type="radio"/>
VM2 can ping VM3.	<input type="radio"/>	<input type="radio"/>
VM2 can ping VM1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-connect-virtual-networks-portal>

NEW QUESTION 79

- (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 83

- (Exam Topic 5)

You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. VNet1 is in a resource group named RG1.

Subscription1 has a user named User1. User1 has the following roles:

- Reader
- Security Admin
- Security Reader

You need to ensure that User1 can assign the Reader role for VNet1 to other users. What should you do?

- A. Assign User1 the Owner role for VNet1.
- B. Assign User1 the Network Contributor role for VNet1.
- C. Remove User1 from the Security Reader and Reader roles for Subscription1. Assign User1 the Contributor role for Subscription1.
- D. Remove User1 from the Security Reader and Reader roles for Subscription1.

Answer: A

NEW QUESTION 85

- (Exam Topic 5)

You have an Azure subscription.

You have 100 Azure virtual machines.

You need to quickly identify underutilized virtual machines that can have their changed to a less expensive offering.

Which Wade should you use?

- A. Metrics
- B. Monitor
- C. Customer insights
- D. Advisor

Answer: B

NEW QUESTION 86

- (Exam Topic 5)

You set the multi-factor authentication status for a user named admin1@contoso.com to Enabled.

Admin1 accesses the Azure portal by using a web browser.

Which additional security verifications can Admin1 use when accessing the Azure portal?

- A. an app password, a text message that contains a verification code, and a verification code sent from the Microsoft Authenticator app
- B. a phone call, a text message that contains a verification code, and a notification or a verification code sent from the Microsoft Authenticator app
- C. a phone call, an email message that contains a verification code, and a text message that contains an app password
- D. an app password, a text message that contains a verification code, and a notification sent from the Microsoft Authenticator app

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

NEW QUESTION 89

- (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 Microsoft Office 365 SMTP server. 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 92

- (Exam Topic 6)

You need to resolve the language processing issue.

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 on the correct order.

Actions

Answer Area

Publish the LUIS app.

Add new utterances and entities.

Add new intents.

Create a new LUIS app.

Train the LUIS app.

Add names for Italian cuisine to Azure Search.

Add the Azure Search provider to the bot.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Publish the LUIS app.
- Add new utterances and entities.
- Add new intents.
- Create a new LUIS app.
- Train the LUIS app.
- Add names for Italian cuisine to Azure Search.
- Add the Azure Search provider to the bot.

Answer Area

- Create a new LUIS app.
- Train the LUIS app.
- Publish the LUIS app.

NEW QUESTION 96

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