



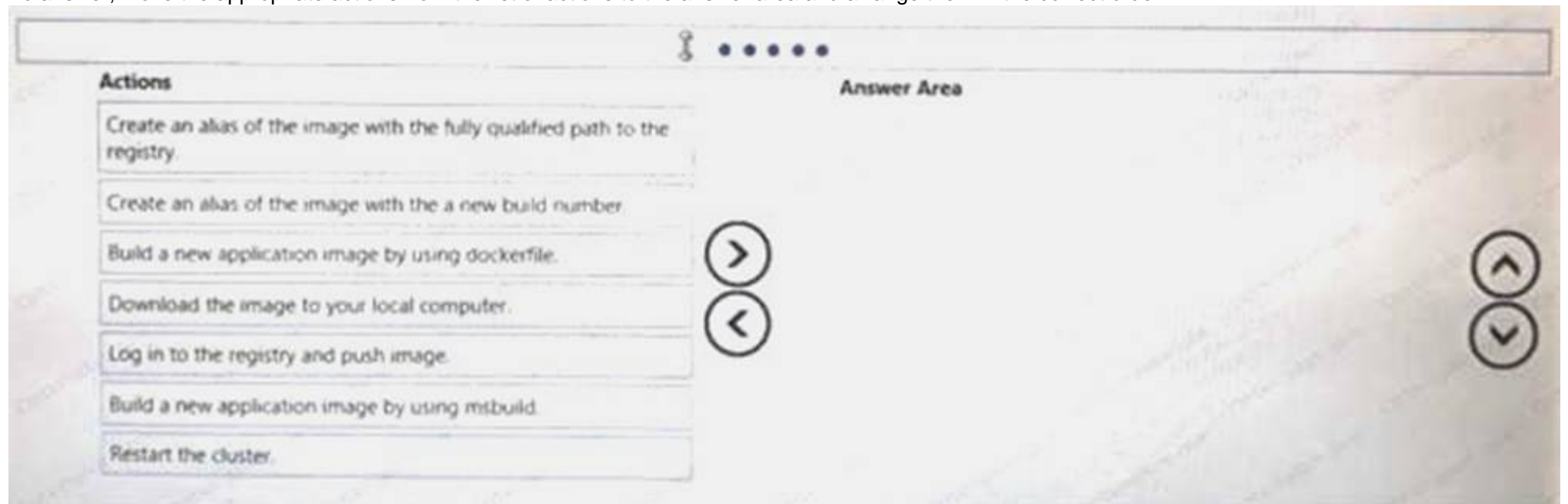
Microsoft

Exam Questions AZ-300

Microsoft Azure Architect Technologies

NEW QUESTION 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.



Answer:

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

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

Explanation: Topic 2, Case Study: 2

Background Requirements

You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's internal services, external services, and applications. The application will also provide a shared Horary for common functionality.

Policy service

You develop and deploy a stateful ASP.NET Core 21 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.

The application must include the Event Grid Event ID field in all Application Insights telemetry.

Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.

Policies Log policy

All Azure App Service Wet) Apps must write logs to Azure Blob storage. All tog files should be saved to a container named logdrop. Logs must remain in the container for 15 days.

Authentication events

Authentication events are used to monitor users signing in and signing out All authentication events must be processed by PoScy service Sign outs must be processed as quickly as possible

Policy Lib

You have a shared library named Policy Lib that contains functionality common to all ASP.NET Core web services and applications. The Policy Lib library must:

- Exclude non-user actions from Application Insights telemetry.
- Provide methods that allow a web service to scale itself.
- Ensure that scaling actions do not disrupt application usage.

Other

Anomaly detection service

You have an anomaly detection service that analyzes log information for anomalies. It is implemented as an Azure Machine learning model. The model is deployed as a web service.

If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook.

Hearth monitoring

All web applications and services have health monitoring at the /health service endpoint

Issues Policy loss

When you deploy Policy service, policies may not be applied if they were m the process of being applied during the deployment.

Performance issue

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency

Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.

App code EventGridController.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

EventGridController.es

```

EG01 public class EventGridController : Controller
EG02 {
EG03     public static AsyncLocal<string> EventId = new AsyncLocal<string>();
EG04     public IActionResult Process([FromBody] string eventsJson)
EG05     {
EG06         var events = JObject.Parse(eventsJson);
EG07
EG08         foreach (var @event in events)
EG09         {
EG10             EventId.Value = @event["id"].ToString();
EG11             if (@event["topic"].ToString().Contains("providers/Microsoft.Storage"))
EG12             {
EG13                 SendToAnomalyDetectionService(@event["data"]["url"].ToString());
EG14             }
EG15
EG16             {
EG17                 EnsureLogging(@event["subject"].ToString());
EG18             }
EG19         }
EG20         return null;
EG21     }
EG22     private void EnsureLogging(string resource)
EG23     {
EG24         ...
EG25     }
EG26     private async Task SendToAnomalyDetectionService(string url)
EG27     {
EG28         var content = GetLogData(url);
EG29         var scoreRequest = new
EG30         {
EG31             Inputs = new Dictionary<string, List<Dictionary<string, string>>>()
EG32             {
EG33                 {
EG34                     "input1",
EG35                     new List<Dictionary<string, string>>()
EG36                     {
EG37                         new Dictionary<string, string>()
EG38                         {
EG39                             {
EG40                                 "logcontent", content
EG41                             }
EG42                         }
EG43                     },
EG44                 },
EG45             },
EG46             GlobalParameters = new Dictionary<string, string>() {}
EG47         };
EG48         var result = await (new HttpClient()).PostAsJsonAsync("...", scoreRequest);
EG49         var rawModelResult = await result.Content.ReadAsStringAsync();
EG50         var modelresult = JObject.Parse(rawModelResult);
EG51         if (modelresult["notify"].HasValues)
EG52         {
EG53             ...
EG54         }
EG55     }
EG56     private (string name, string resourceGroup) ParseResourceId(string resourceId)
EG57     {
EG58         ...
EG59     }
EG60     private string getLogData(string url)
EG61     {
EG62         ...
EG63     }
EG64     static string BlobStoreAccountSAS(string containerName)
EG65     {
EG66         ...
EG67     }
EG68 }

```

LoginEvent.cs

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

```
LoginEvent.cs
LE01 public class LoginEvent
LE02 {
LE03
LE04     public string subject { get; set; }
LE05     public DateTime eventTime { get; set; }
LE06     public Dictionary<string, string> data { get; set; }
LE07     public string Serialize()
LE08     {
LE09         return JsonConvert.SerializeObject(this);
LE10     }
LE11 }
```

NEW QUESTION 3

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 4

You need to meet the scaling requirements for Policy Service. What should you store in Azure Redis Cache?

- A. ViewState
B. HttpContext.Items
C. Session state
D. TempData

Answer: B

NEW QUESTION 5

You need to add code at line EG15 in EventGndControllel.es to ensure that the tag policy applies to all services.

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.

Code segments

topic

status

eventType

Succeeded

operationName

resourceProvider

Answer Area

```

if (
    @event["data"] != "code segment" || @event["data"] != "code segment"
    ||
    @event["data"] != "code segment" || @event["data"] != "Microsoft.Web/sites/write"
)
            
```

Answer:

Explanation:

Code segments

topic

status

eventType

Succeeded

operationName

resourceProvider

Answer Area

```
if (  
    @event[ "data" ][ "eventType" ].ToString() == "resourceProvider"  
    &&  
    @event[ "data" ][ "topic" ].ToString() == "Microsoft.Web/sites/write"  
)
```

NEW QUESTION 6

You need to ensure that the Policy service can implement the policy actions. Which code segment should you insert at line EG07 in EventGridController.cs?

- A.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- B.

```
if (events[0]["eventType"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- C.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```
- D.

```
if (events[0]["subject"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```

- A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 7

You need to configure AG1. What should you create?

- A. a basic routing rule
B. a multi-site listener
C. a basic listener
D. a URL path-based routing rule

Answer: D

Explanation: References:

<https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway-create-url-route-portal>

NEW QUESTION 8

You need to prepare the New York office infrastructure for the migration of the on-premises virtual machines 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.

Actions

Answer Area

- From VM1, deploy a virtual machine.
- From the ASRV1 blade in the Azure portal, select a protection goal.
- From an Azure portal, download the OVF file.
- From VM1, register the configuration server.
- From VM1, connect to the collector virtual machine.

Answer:

Explanation: References:
<https://docs.microsoft.com/en-us/azure/site-recovery/vmware-azure-tutorial>

NEW QUESTION 9

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	

Answer:

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 10

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></div>
Use BGP to append the private AS numbers to the advertised prefixes.	Routing from Microsoft Online Services to A.Datum: <div></div>
Use BGP to append the public AS numbers to the advertised prefixes.	

Answer:

Explanation:

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

Topic 5, Mix Questions

NEW QUESTION 10

You are developing a workflow solution using Azure technologies.
What should you implement to meet each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Requirement	Tool
Debug the solution by using Visual Studio.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>
Use a collection of ready-made actions.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>
Deploy the component by using Visual Studio Team Services.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>

Answer:

Explanation:

Requirement	Tool
Debug the solution by using Visual Studio.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>
Use a collection of ready-made actions.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>
Deploy the component by using Visual Studio Team Services.	<div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> Durable functions only <input type="checkbox"/> Logic Apps only <input type="checkbox"/> Durable functions and Logic Apps </div>

NEW QUESTION 11

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

Azure Blobs

Azure Table Storage

Azure HDInsight

Answer Area

Action

Stream video content.

Perform random read/write operations.

Access application data from anywhere.

Storage service

Answer:

Explanation:

Storage services

Azure Blobs

Azure Table Storage

Azure HDInsight

Answer Area

Action

Stream video content.

Perform random read/write operations.

Access application data from anywhere.

Storage service

Azure Blobs

Azure Blobs

Azure Blobs

NEW QUESTION 12

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

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

Answer:

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 16

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;
}
```

Answer:

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;
            }
        }

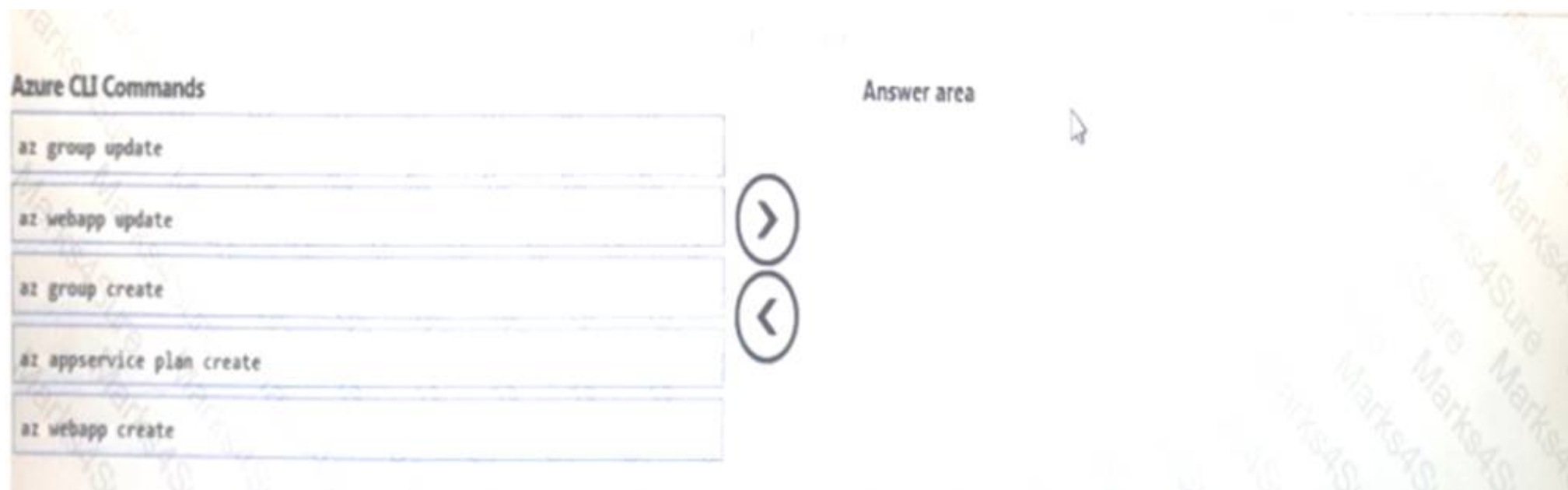
        if (!timeoutTask.IsCompleted)
        if (!timeoutTask.IsCanceled)
        if (!context.IsReplaying)
        if (!cts.IsCancellationRequested)
        {
            cts.Cancel();
        }
        return isWinner;
    }
}
```

NEW QUESTION 19

You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.

None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups. You need to create the application and perform an initial deployment required.

Which three Azure CLI 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.



Answer:

Explanation: az group create
az appservice plan create az webapp create

NEW QUESTION 22

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 24

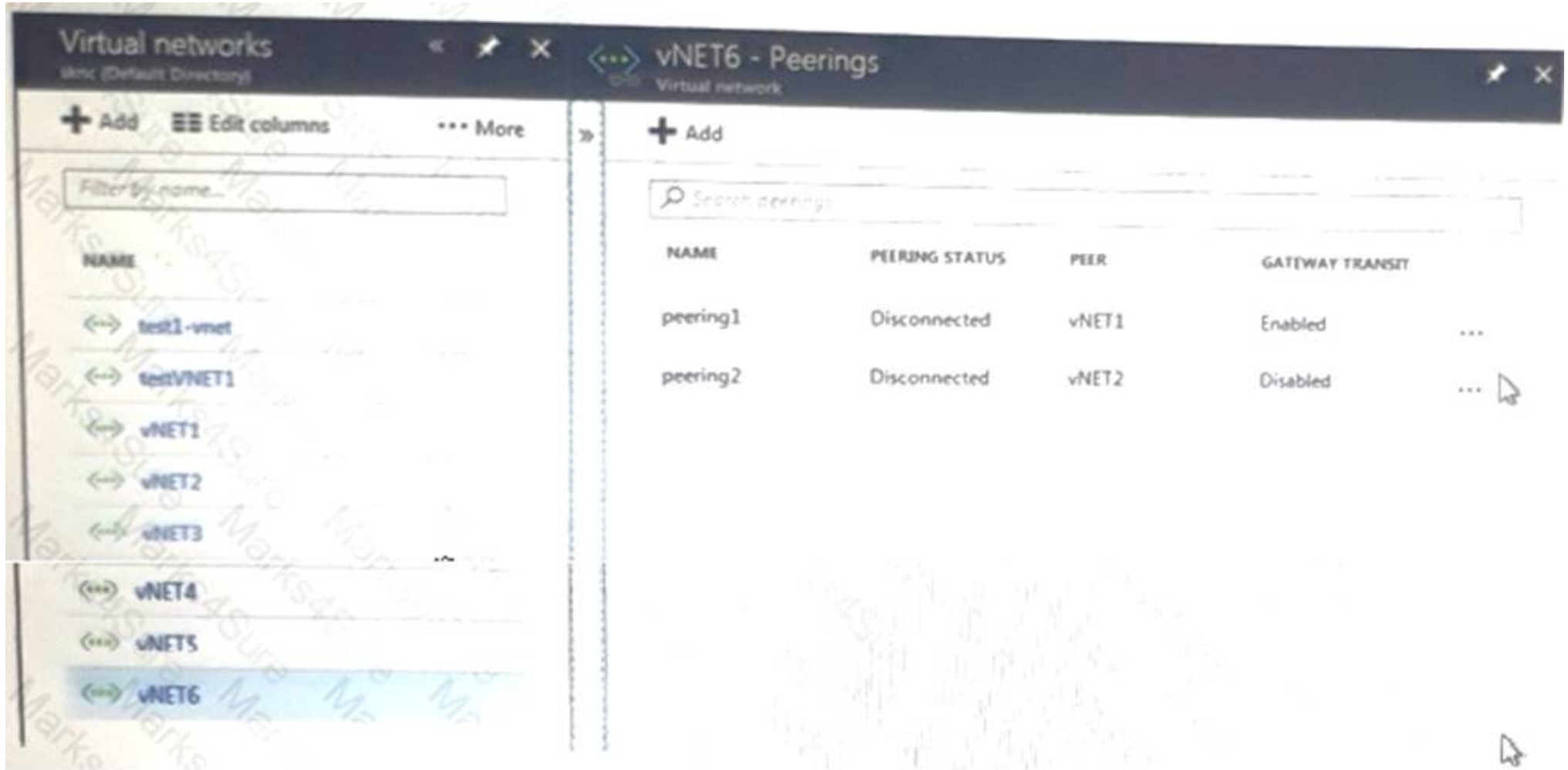
You have an Azure App Service API that allows users to upload documents to the cloud with a mobile device. A mobile app connects to the service by using REST API calls.
When a new document is uploaded to the service, the service extracts the document metadata. Usage statistics for the app show significant increases in app usage.
The extraction process is CPU-intensive. You plan to modify the API to use a queue.
You need to ensure that the solution scales, handles request spikes, and reduces costs between request spikes. What should you do?

- A. Configure a CPU Optimized virtual machine (VM) and install the Web App service on the new instance.
- B. Configure a series of CPU Optimized virtual machine (VM) instances and install extraction logic to process a queue.
- C. Move the extraction logic into an Azure Function
- D. Create a queue triggered function to process the queue.
- E. Configure Azure Container Service to retrieve items from a queue and run across a pool of virtual machine (VM) nodes using the extraction logic.

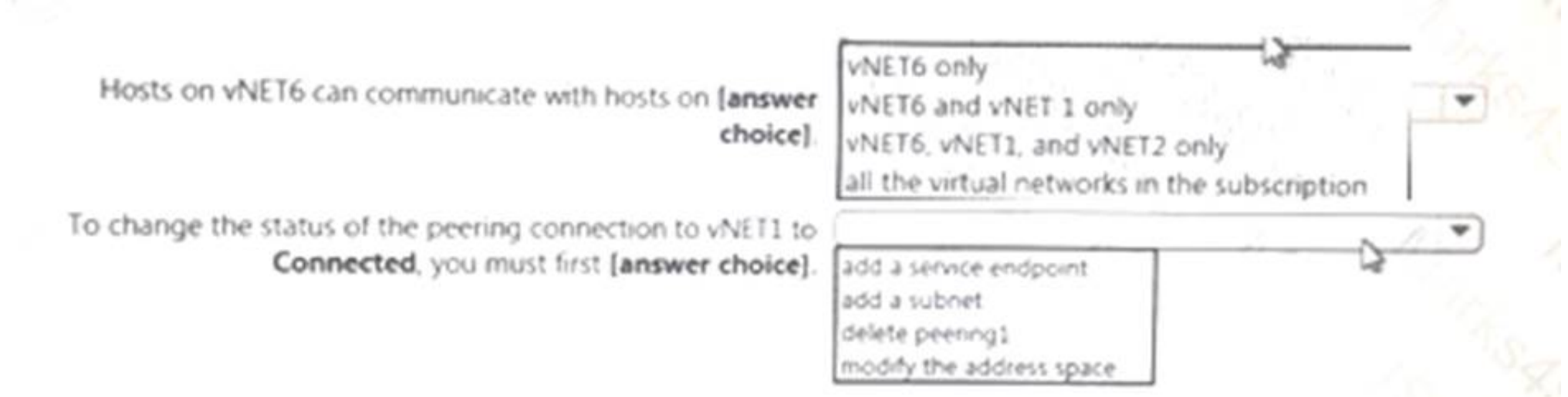
Answer: C

NEW QUESTION 26

You have peering configured as shown in the following exhibit

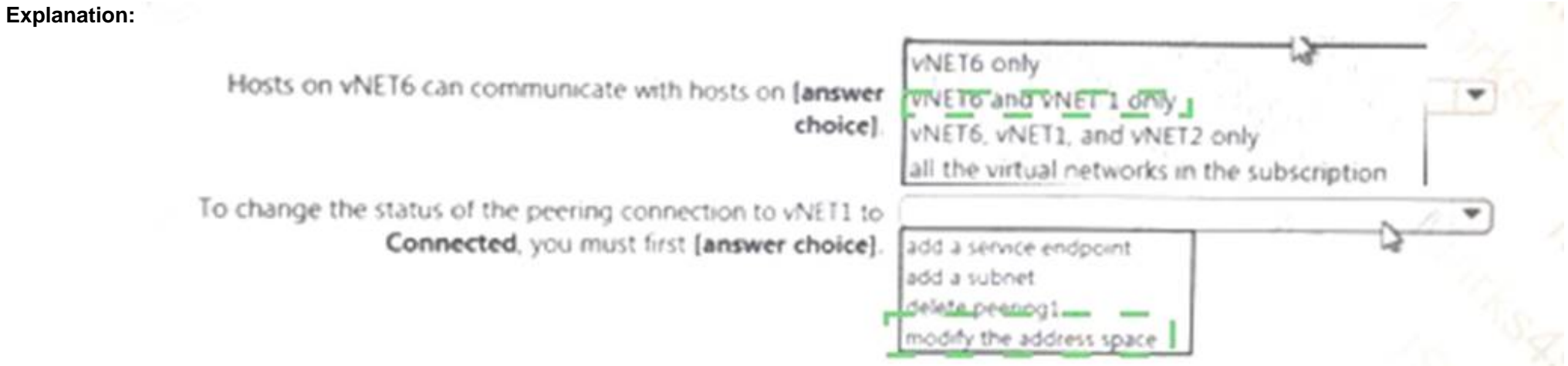


Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 28

You have an Azure subscription named Subscription1 that contains an Azure virtual machine named VM1. VM1 is in a resource group named RG1. VM1 runs services that will be used to deploy resources to RG1. You need to ensure that a service running on VM1 can manage the resources in RG1 by using the identity of VM1. What should you do first?

- A. From the Azure portal, modify the Access control (IAM) settings of RG1.
- B. From the Azure portal, modify the Policies settings of RG1.
- C. From the Azure portal, modify the Access control (IAM) settings of VM1.
- D. From the Azure portal, modify the value of the Managed Service Identity option for VM1.

Answer: D

Explanation: References:
<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview>

NEW QUESTION 32

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 ▾




All resource groups ▾

All types ▾

All locations ▾

No grouping ▾

3 items

<input type="checkbox"/>	NAME ↑	TYPE	KIND	RESOURCE...	LOCATION	SYBSCRIPTL..	ACCESS T...	REPLICAT..
<input type="checkbox"/>	 storageaccount1	Storage account	Storage	ContosoRG1	East US	Subscription 1	-	Read-access ge..
<input type="checkbox"/>	 storageaccount2	Storage account	StorageV2	ContosoRG1	Central US	Subscription 1	Hot	Geo-redundant
<input type="checkbox"/>	 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

Answer:

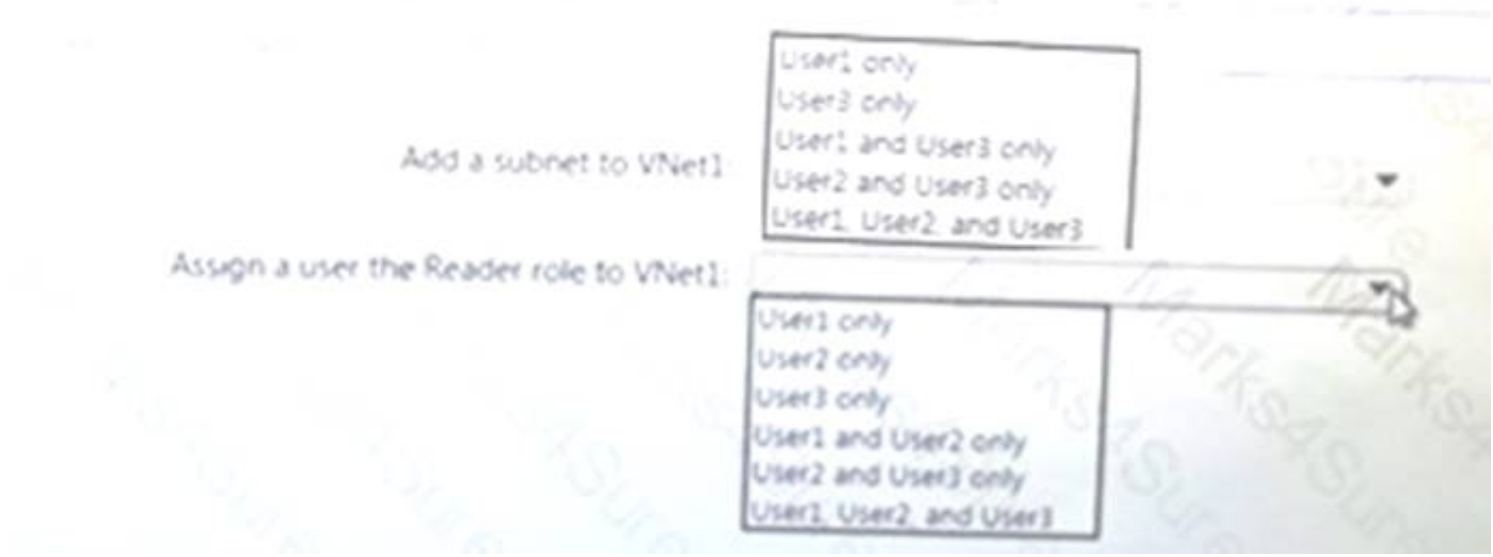
Explanation: References:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview

NEW QUESTION 36

You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. You add the users in the following table.

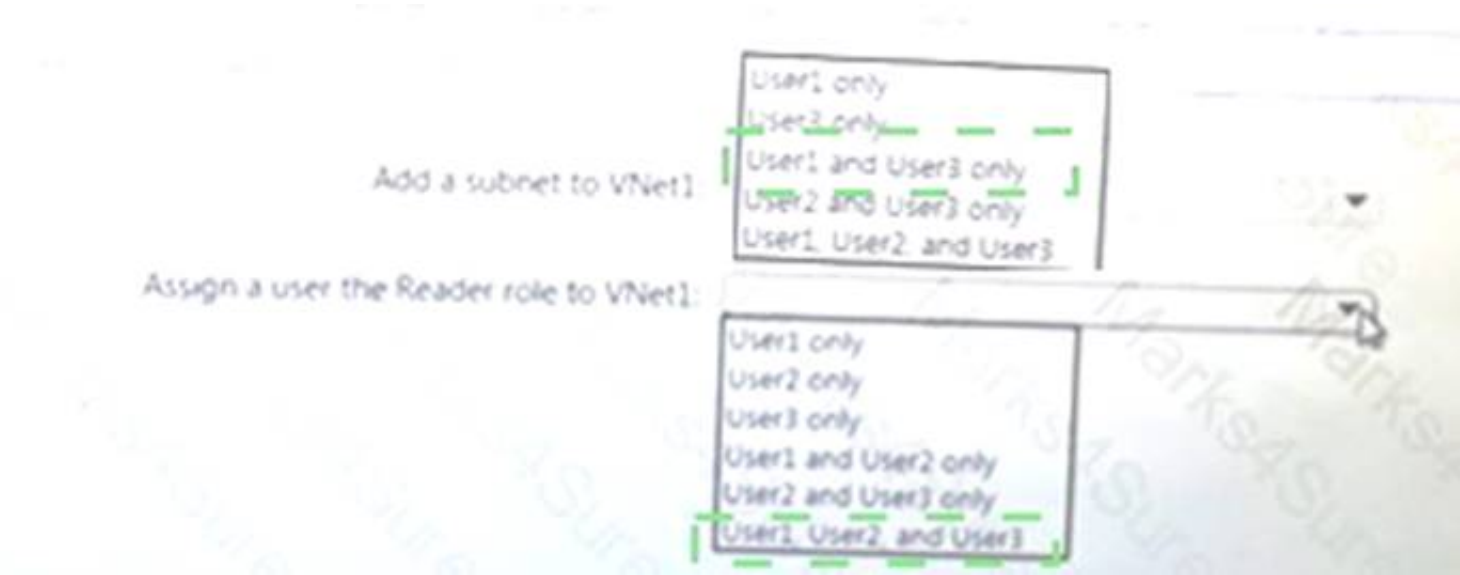
User	Role
User1	Owner
User2	Security Admin
User3	Network Contributor

Which user can perform each configuration? To answer, select the appropriate options m me answer area. NOTE: Each correct selection e worth one port.



Answer:

Explanation:



NEW QUESTION 41

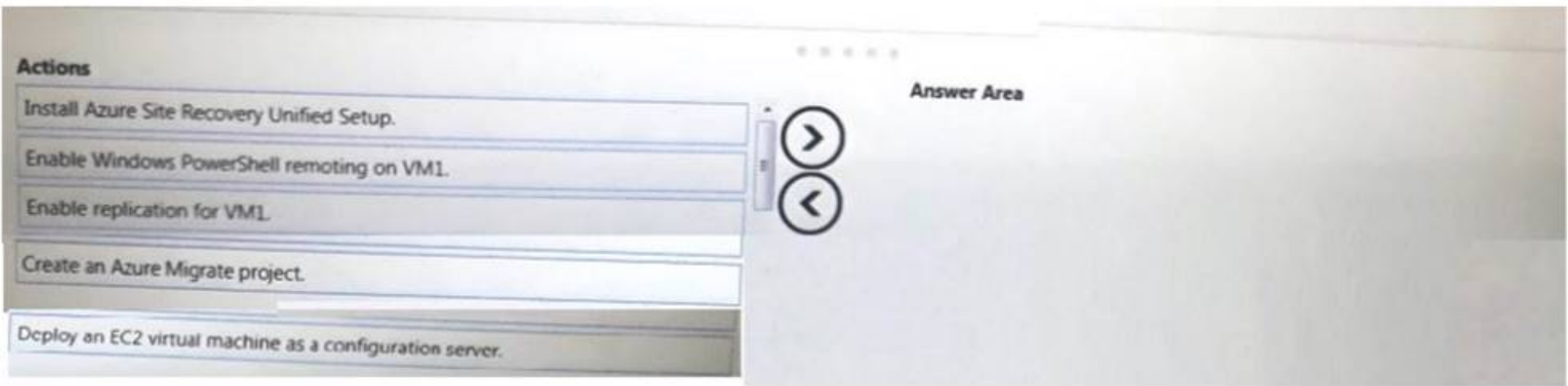
You have an Azure subscription that contains the following resources:

- a virtual network named VNet1
- a replication policy named RepIPoHcy1
- 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.

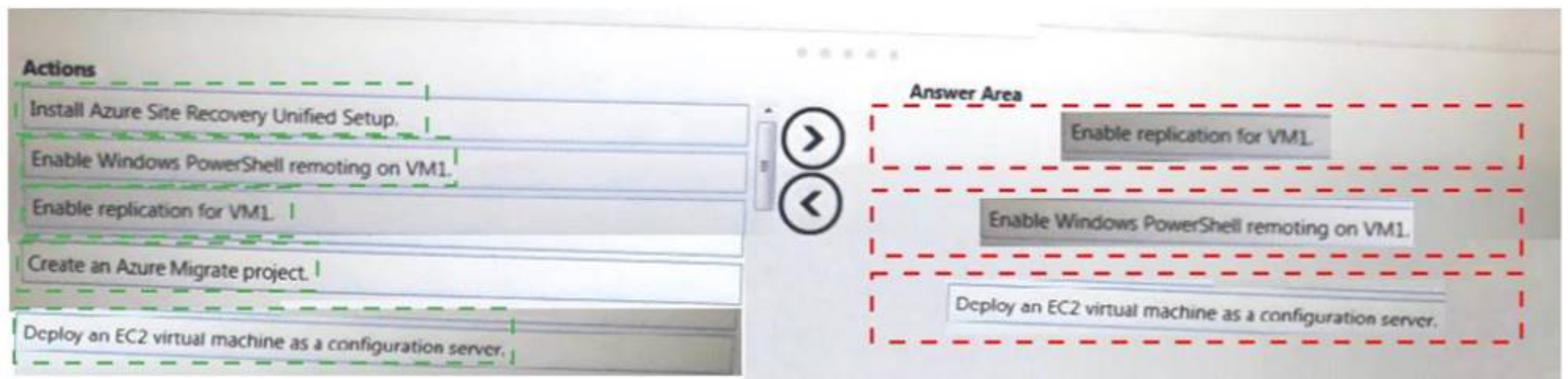
You need to migrate VM1 to VNet1 by using Azure Site Recovery.

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



Answer:

Explanation:



NEW QUESTION 43

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: Backup data to local disks and use the Azure Import/Export service to send backups to Azure Blob Storage.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 47

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 49

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 53

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

Answer:

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 56

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 Subscription named Subscription. Adatum contains a group named Developers. Subscription 1 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 Dev, you assign the Logic App Contributor role to the Developers group. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 58

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=azuremp>

NEW QUESTION 59

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 60

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

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;

Answer Area

```
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();
    }
}
```

Answer:

Explanation:

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;

Answer Area

```
using (ITransaction tx = StateManager.CreateTransaction()) {
    ConditionalValue<Book> currentBook = await m_dic.TryGetValueAsync(tx, isbn)
    if (currentBook.HasValue) {
        Book updatedBook = new Book(currentBook);
        updatedBook.Rating = currentBook.Rating++;
        await m_dic.SetValue(tx, name, updatedBook);
        await tx.CommitAsync();
    }
}
```

NEW QUESTION 62

Contoso. Ltd. hosts the following ASP.NET workloads in Azure:

Workload	Server	Database
Sales	db_srv_sales_contoso	db_sales_contoso
Inventory	db_inventory_contoso	db_inventory_contoso

Users of the Sales software report mismatches between shown inventory at the time of sale and actual availability. Transactions across the two systems result in inconsistent reads and writes. You encapsulate Sales order creation and Inventory status updates in elastic transactions.

You need to recommend changes to code and the databases to support transactions.
Which actions should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Step

Configure Database

Transactions

Action

Use the New-AzureRmSqlServerCommunicationsLink PowerShell cmdlet.

Use the Set-AzureRmSqlElasticPool PowerShell cmdlet.

Use the Set-AzureRmSqlElasticPoolRecommendedActionState PowerShell cmdlet.

Use the New-AzureRmSqlSyncGroup PowerShell cmdlet.

Use BEGIN-DISTRIBUTED-TRANSACTION in T-SQL

Use TransactionScope in System.Transactions

Use BEGIN-TRANSACTION in T-SQL

Use BEGIN-DISTRIBUTED-TRANSACTION in T-SQL

Use COMMIT TRANSACTION in T-SQL

Answer:

Explanation:

Step

Configure Database

Transactions

Action

Use the New-AzureRmSqlServerCommunicationsLink PowerShell cmdlet.

Use the Set-AzureRmSqlElasticPool PowerShell cmdlet.

Use the Set-AzureRmSqlElasticPoolRecommendedActionState PowerShell cmdlet.

Use the New-AzureRmSqlSyncGroup PowerShell cmdlet.

Use BEGIN-DISTRIBUTED-TRANSACTION in T-SQL

Use TransactionScope in System.Transactions

Use BEGIN-TRANSACTION in T-SQL

Use BEGIN-DISTRIBUTED-TRANSACTION in T-SQL

Use COMMIT TRANSACTION in T-SQL

NEW QUESTION 65

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

Name	IP address
VM1	10.0.1.4
VM2	10.0.2.4
VM3	10.0.3.4

Subscription1 contains a virtual network VNet1 that has the subnets in the following table.

Name	Address space	Connected virtual machine
Subnet1	10.0.1.0/24	VM1
Subnet2	10.0.2.0/24	VM2
Subnet3	10.0.3.0/24	VM3

VM3 has multiple network adapters, including a network adapter named N1C3. IP forwarding is enabled on NIC3. Routing is enabled on VM3. You create a route table named RT1. RT1 is associated to Subnet1 and Subnet2 and contains the routes in the following table.

Address prefix	Next hop type	Next hop address
10.0.1.0/24	Virtual appliance	10.0.3.4
10.0.2.0/24	Virtual appliance	10.0.3.4

You apply RT1 to Subnet1
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

Network traffic from VM3 can reach VM1.

☐

☐

If VM3 is turned off, network traffic from VM2 can reach VM1.

☐

☐

Network traffic from VM1 can reach VM2.

☐

☐

Answer:

Explanation:

Statements

Yes

No

Network traffic from VM3 can reach VM1.

☒

☐

If VM3 is turned off, network traffic from VM2 can reach VM1.

☐

☒

Network traffic from VM1 can reach VM2.

☐

☒

NEW QUESTION 69

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

<object>("AzureFunction01", null);

CallActivityAsync
CallSuborchestratorAsync
WaitForExternalEvent

<object>("AzureFunction02", f1Result);

CallActivityAsync
CallSubOrchestratorAsync
WaitForExternalEvent

Answer:

Explanation:

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

C)

DurableOrchestrationContext
DurableActivityContext
DurableOrchestrationClient
DurableOrchestrationStatus

<object>("AzureFunction01", null);

CallActivityAsync
CallSuborchestratorAsync
WaitForExternalEvent

<object>("AzureFunction02", f1Result);

CallActivityAsync
CallSubOrchestratorAsync
WaitForExternalEvent

NEW QUESTION 73

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	

Answer:

Explanation: References:

<https://docs.microsoft.com/en-us/azure/event-grid/security-authentication>

NEW QUESTION 74

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 75

You are developing an Azure Durable Function instance. You need to add a delay by using a durable timer. What type of function should you use?

- A. Orchestrator
- B. web hook
- C. Client
- D. Activity

Answer: D

NEW QUESTION 79

You have a cloud solution that uses an Azure Functions consumption plan to scale hundreds of processes. A portion of the code is shown below. (Line numbers are included for reference only.)

```
01 [FunctionName("StartFunction")]
02 public static async Task<HttpResponseMessage> RunSingle(
03     [HttpTrigger(AuthorizationLevel.Function, methods:
04         "post", Route = "orchestrators/contoso_function01/{instance_id}")]
05     HttpRequestMessage req,
06     [OrchestrationClient] DurableOrchestrationClient starter,
07     string functionName, string instanceId, TraceWriter log)
08 {
09     var existingInstance = await starter.GetStatusAsync(instanceId);
10     if (existingInstance == null)
11     {
12         dynamic eventData = await req.Content.ReadAsAsync<object>();
13         await starter.StartNewAsync(functionName, instanceId, eventData);
14         log.Info($"Created");
15         return starter.CreateCheckStatusResponse(req, instanceId);
16     }
17     else
18     {
19         return req.CreateErrorResponse(HttpStatusCode.Conflict, $"Cannot create");
20     }
21 }
```

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

Answer Area

	Yes	No
The code intends to create an Azure Function singleton instance.	<input type="radio"/>	<input type="radio"/>
If no instanceID is passed into StartNewAsync, a random id is generated for the function.	<input type="radio"/>	<input type="radio"/>
The code ensures that there will never be two instances of the same function running.	<input type="radio"/>	<input type="radio"/>

Answer:

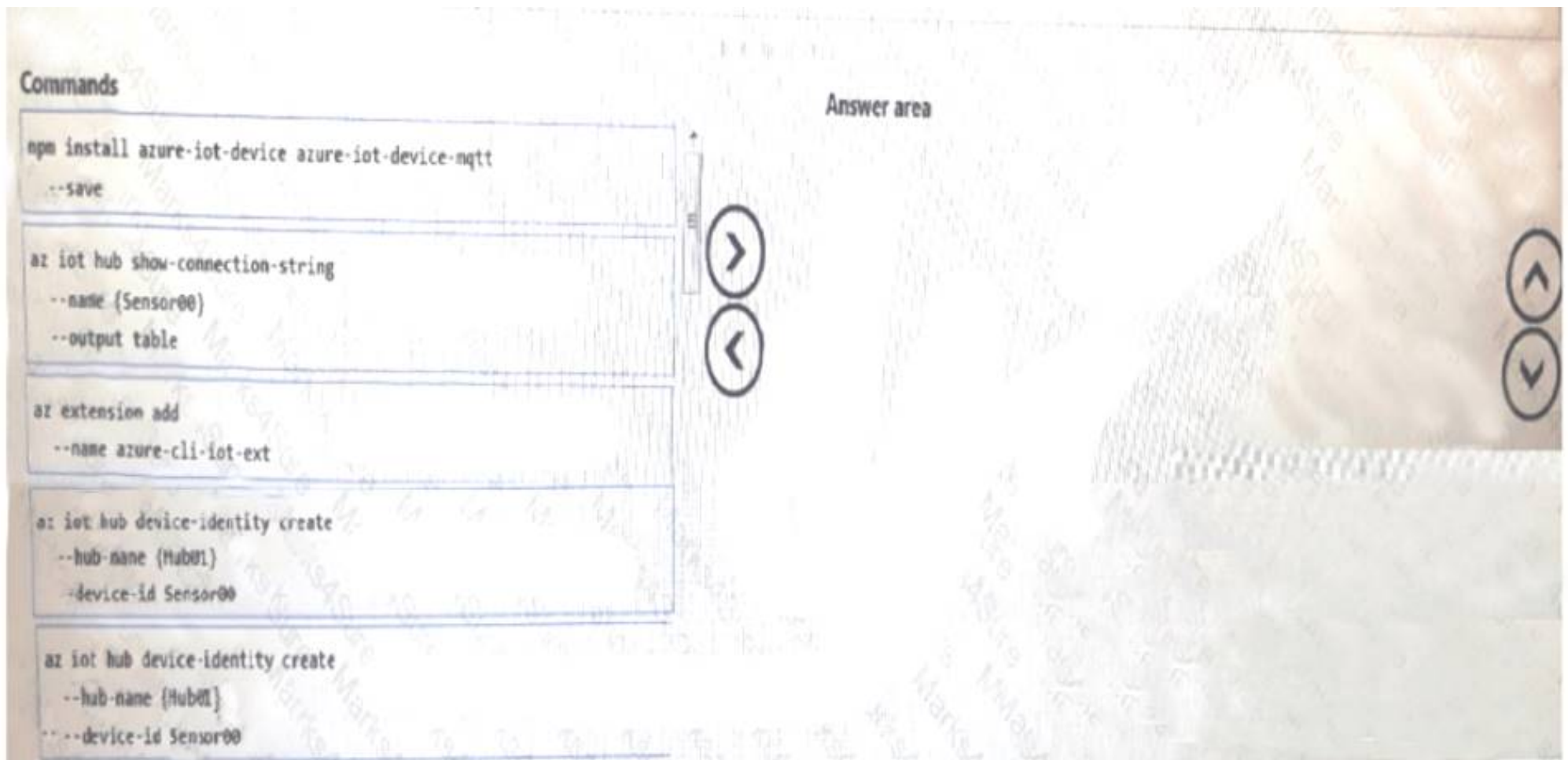
Explanation:

Answer Area

	Yes	No
The code intends to create an Azure Function singleton instance.	<input type="radio"/>	<input checked="" type="radio"/>
If no instanceID is passed into StartNewAsync, a random id is generated for the function.	<input checked="" type="radio"/>	<input type="radio"/>
The code ensures that there will never be two instances of the same function running.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 80

You develop an IoT solution by using Nodejs. The solution is ready to deploy to the production environment. You must implement the device twin capabilities of Azure IoT Hub. You must register a sensor named Sensor00. The IoT Hub name is Hub01. You need to register the endpoint with ContosoHub01 so that you can configure them from your solution. 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.



Answer:

Explanation: az extension add --name azure-cli-iot-ext

NEW QUESTION 84

You are developing a stateful service to deploy to 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.



Answer:



Explanation:





NEW QUESTION 88

You have an Azure Service Bus.


You create a queue named Queue1. Queue1 is configured as shown in the following exhibit.

Name  Queue1 


Max queue size 1 GB 


Message time to live 


Days	Hours	Minutes	Seconds
0	2	0	0


Lock duration 

Days	Hours	Minutes	Seconds
0	0	5	0

☐ Enable duplicate detection 

☒ Enable dead lettering on message expiration 

☐ Enable sessions 

☒ Enable partitioning 

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

If a message that has a TTL of four hours is written to Queue1 and is never read, the message will be [answer choice]

If a message that has a TTL of two hours is written to Queue1, and then read after one hour, the message will be [answer choice]

deleted after two hours

deleted after four hours

deleted after two hours and five minutes

retained until manually deleted

deleted immediately

deleted in five minutes

deleted in one hour

retained until manually deleted

Answer:

Explanation:

If a message that has a TTL of four hours is written to Queue1 and is never read, the message will be [answer choice]

If a message that has a TTL of two hours is written to Queue1, and then read after one hour, the message will be [answer choice]

deleted after two hours

deleted after four hours

deleted after two hours and five minutes

retained until manually deleted

deleted immediately

deleted in five minutes

deleted in one hour

retained until manually deleted

NEW QUESTION 91

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	
<input type="button" value="Yes"/> <input type="button" value="No"/>	Protection method <input type="text" value="Enable AlwaysOn encryption."/> <input type="text" value="Set the column encryption setting to disabled."/> <input type="text" value="Assign users to the Public fixed database role."/> <input type="text" value="Store column encryption keys in the system catalog view in the database."/>	Response <input type="text" value="Response"/> <input type="text" value="Response"/> <input type="text" value="Response"/> <input type="text" value="Response"/>

Answer:

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

NEW QUESTION 94
 You are developing a speech-enabled home automation control bot. The bot interprets some spoken words incorrectly. You need to improve the spoken word recognition for the bot. What should you implement?

A. The Skype for Business Channel and use scorable dialogs for improving conversation flow.
 B. The Web Chat Channel and Speech priming using a Bing Speech Service and LUIS app.
 C. The Skype Channel and use scorable dialogs for improving conversation flow.
 D. The Cortana Channel and use scorable dialogs for improving conversation flow.

Answer: B

NEW QUESTION 98
 Your network contains an Active Directory domain named adatum.com and an Azure Active Directory (Azure AD) tenant named adatum.onmicrosoft.com. Adatum.com contains the user accounts in the following table.

Name	Member of
User1	Domain Admins
User2	Schema Admins
User3	Incoming Forest Trust Builders
User4	Replicator
User5	Enterprise Admins

Adatum.onmiaosoft.com contains the user accounts in the following table.

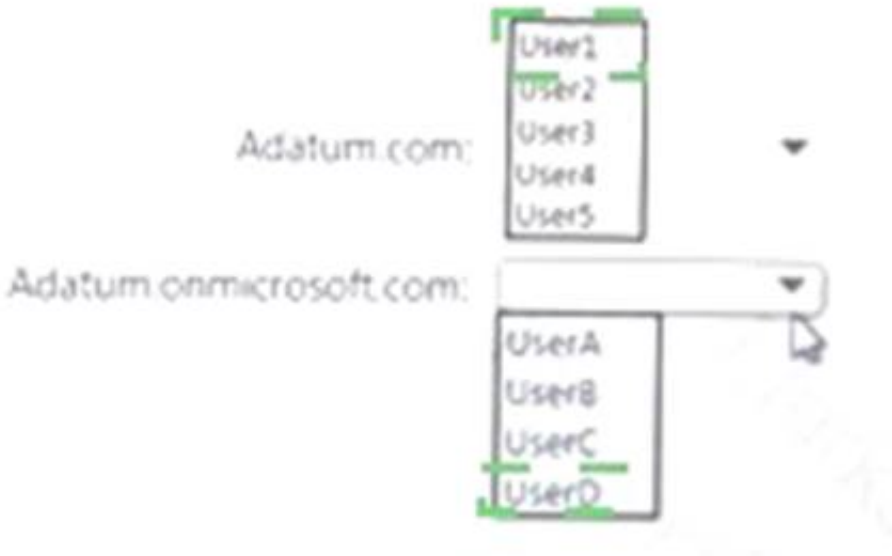
Name	Role
UserA	Global administrator
UserB	User administrator
UserC	Security administrator
UserD	Service administrator

You need to implement Azure AD Connect. The solution must follow the principle of least privilege. Which user accounts should you use? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 102

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 103

You have an Azure Active Directory (Azure AD) tenant.
You have an existing Azure AD conditional access policy named Policy1. Policy1 enforces the use of Azure AD-joined devices when members of the Global Administrators group authenticate to Azure AD from untrusted locations.
You need to ensure that members of the Global Administrators group will also be forced to use multi-factor authentication when authenticating from untrusted locations.
What should you do?

- A. From the Azure portal, modify session control of Policy1.

B. From multi-factor authentication page, modify the user settings.

C. From multi-factor authentication page, modify the service settings.

D. From the Azure portal, modify grant control of Policy1.

Answer: D

NEW QUESTION 108

You are building a custom Azure function app to connect to Azure Event Grid.
You need to ensure that resources are allocated dynamically to the function app. Billing must be based on the executions of the app.
What should you configure when you create the function app?

- A. the Windows operating system and the App Service plan hosting plan

- B. the Docker container and an App Service plan that uses the B1 pricing tier
- C. the Windows operating system and the Consumption plan hosting plan
- D. the Docker container and an App Service plan that uses the S1 pricing tier

Answer: C

Explanation: References:
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale>

NEW QUESTION 113

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 117

You have an Azure subscription named Subscription1 that is used by several departments at your company. Subscription1 contains the resources in the following table.

Name	Type
Storage1	Storage account
RG1	Resource group
Container1	Blob container
Share1	File share

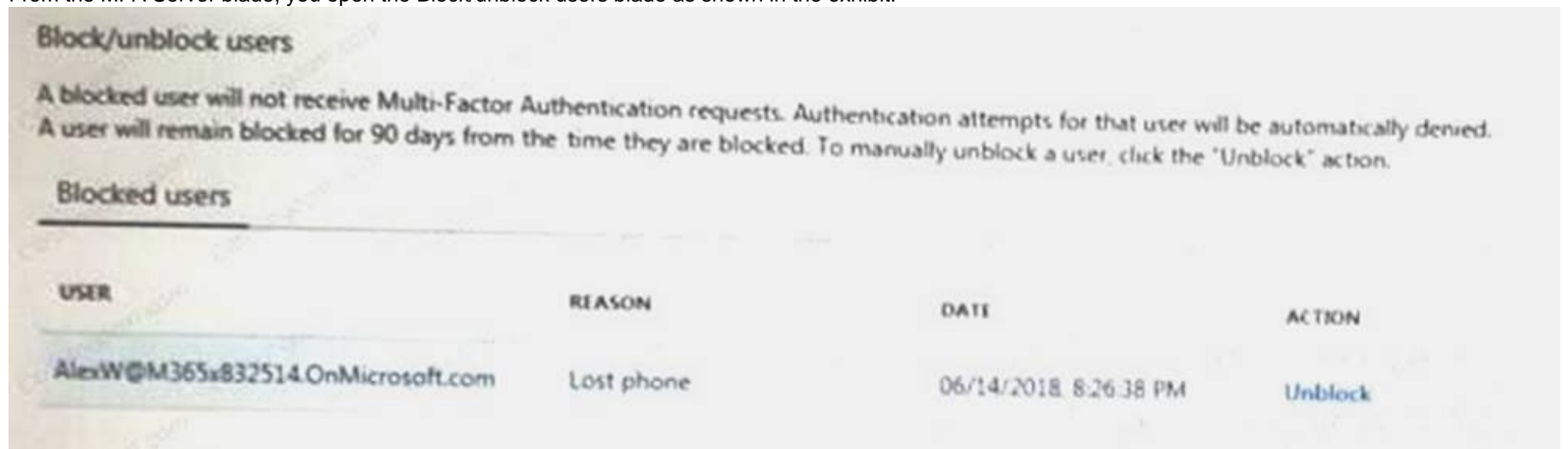
Another administrator deploys a virtual machine named VM1 and an Azure Storage account named Storage2 by using a single Azure Resource Manager template. You need to view the template used for the deployment. From which blade can you view the template that was used for the deployment?

- A. Contained
- B. VM1
- C. Storage2
- D. RG1

Answer: D

NEW QUESTION 121

From the MFA Server blade, you open the Block/unblock users blade as shown in the exhibit.



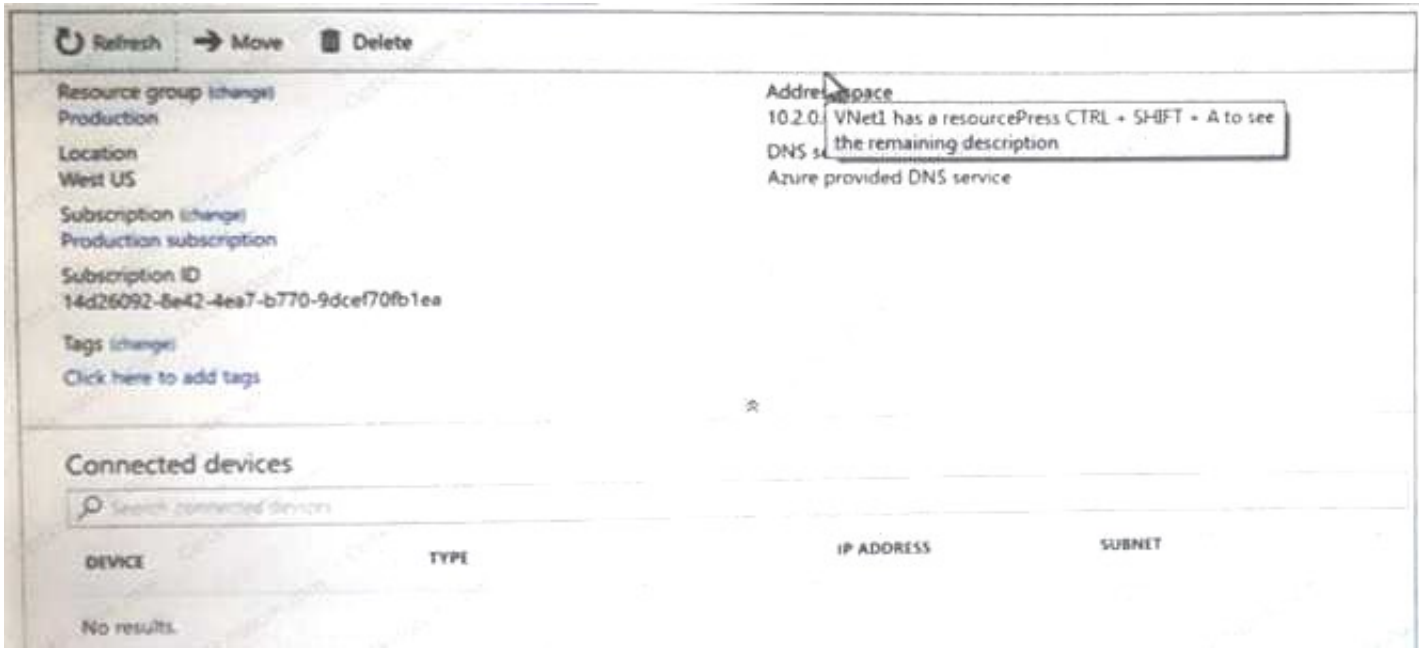
What caused AlexW to be blocked?

- A. The user account password expired.
- B. The user reported a fraud alert when prompted for additional authentication.
- C. An administrator manually blocked the user.
- D. The user entered an incorrect PIN four times within 10 minutes.

Answer: C

NEW QUESTION 126

You have a virtual network named VNet1 as shown in the exhibit. (Click the Exhibit tab,)



No devices are connected to VNet1,
 You plan to peer VNet1 to another virtual network named VNet2 in the same region. VNet2 has an address space of 10.2.0.0/16.
 You need to create the peering. What should you do first?

- A. Create a subnet on VNet1 and VNet2.
- B. Add a gateway subnet to VNet1.
- C. Configure a service endpoint on VNet2
- D. Modify the address space of VNet1.

Answer: A

NEW QUESTION 127

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

Answer: D

Explanation: References:
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queuescompar>

NEW QUESTION 130

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 131

You have the following resource groups:

Resource group	Comments
DevServer_WestCentralUS	This resource group is located in the West Central US region and contains a single virtual machine (VM) named DevServer. DevServer is connected to a private subnet in an Azure Virtual Network that has no internet access.
Workstation_EastUS	This resource group is located in the East US region and contains a VM 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.

Developers must connect to Dev Server only through Dev Workstation. To maintain security, DevS erver must not accept connections from the internet. You need to create a private connection between the Dev Workstation and Dev St Solution: Configure an IP address on each subnet within the same address space. Does the solution meet the goal?

- A. Yes
- B. NO

Answer: B

NEW QUESTION 136

You have a task that includes a WebJob that should run continuously. The WebJob Log exhibit shows the text that is displayed when the WebJob runs. (Click the WebJob Log tab.)

Continuous WebJob Details

WebJob1

Pending restart

Run commans: WebJob1.exe

Toggle Output

Refreshed a moment ago, [refresh](#) or [download](#)

[08/18/2018 17:28:24 > e013ed:SYS INFO] Run script 'WebJob1.exe' with script host - 'WindowsScriptHost'

[08/18/2018 17:28:24 > e013ed:SYS INFO]Status changed to Running

[08/18/2018 17:28:25 > e013ed:INFO] WebJob Started

[08/18/2018 17:28:25 > e013ed:SYS INFO] Status changed to Success

[08/18/2018 17:28:25 > e013ed:SYS INFO] Process went down waiting for 60 seconds

[08/18/2018 17:28:25 > e013ed:SYS INFO] Status changed to PendingRestart

The WebJob is configured as shown in the WebJob Configuration exhibit. (Click the WebJob Configuration tab.)

WebApp0909 - WebJobs

App Service

Search (Ctrl+*/*)

SETTINGS

Authentication / Authorization

Application Insights

Managed service identity

Backups

Custom domains

SSL certificates

Networking

Scale up (App Service plan)

Scale out (App Service plan)

WebJobs

+ Add

Refresh

Logs

Delete

Properties

WebJobs

WebJobs provide an easy way to run scripts or programs as background processes in the context of your app.

NAME	TYPE	STATUS	SCHEDULE
WebJob1	Continuous	Pending Restart	n/a

The WebJob is not functioning as expected. The WebJob Code exhibit has a comment that shows where code should be added. (Click the WebJob Code tab.)


```

0 references
8 class Program
9 {
10 private static Timer workTimer = new Timer();
11
12 0 references
12 static void Main()
13 {
14     Trace.WriteLine("WebJob Setup Starting");
15     var config = new JobHostConfiguration();
16
17     if (config.IsDevelopment)
18     {
19         config.UseDevelopmentSettings();
20     }
21
22     workTimer.Interval = TimeSpan.FromSeconds(10).TotalMilliseconds;
23     workTimer.Elapsed += WorkTimer_Elapsed;
24     workTimer.AutoReset = true;
25     workTimer.Enabled = true;
26
27     Console.WriteLine("WebJob Started");
28 }
28
1 reference
30 private static void WorkTimer_Elapsed(object sender, ElapsedEventArgs e)
31 {
32     Console.WriteLine("Workload Processing ");
33     //ToDo-Implement code
34     Trace.WriteLine("Workload Complete");
35 }
36 }
37

```

You need to identify any issues with the WebJob. For each of the following statements, select Yes if the statement is true. Otherwise, select No.
 NOTE: Each correct selection is worth one point.

	Yes	No
The WebJob will run continuously as the code is written.	<input type="radio"/>	<input type="radio"/>
The text WebJob Setup Srrting will output to the WebJob Logs.	<input type="radio"/>	<input type="radio"/>
The timer-elapsed code will be invoked and run at least once.	<input type="radio"/>	<input type="radio"/>
The WebJob settings are properly configured in the Azure portal.	<input type="radio"/>	<input type="radio"/>

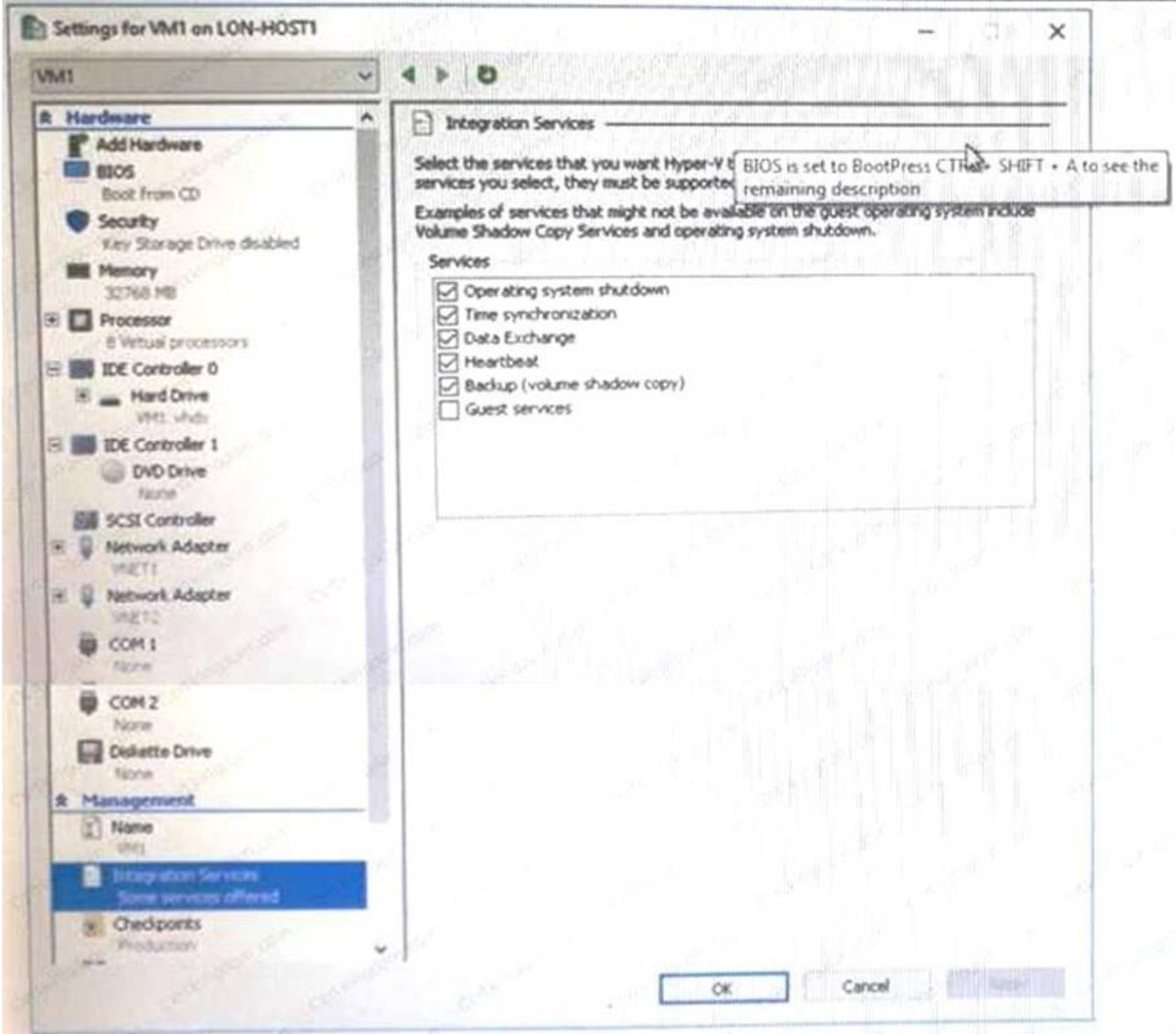
Answer:

Explanation:

	Yes	No
The WebJob will run continuously as the code is written.	<input type="radio"/>	<input checked="" type="radio"/>
The text WebJob Setup Srarting will output to the WebJob Logs.	<input type="radio"/>	<input checked="" type="radio"/>
The timer-elapsed code will be invoked and run at least once.	<input checked="" type="radio"/>	<input type="radio"/>
The WebJob settings are properly configured in the Azure portal.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 138

You have an Azure subscription.
You have an on-premises virtual machine named VM1. The settings for VM1 are shown in the exhibit. (Click the Exhibit tab.)



You need to ensure that you can use the disks attached to VM1 as a template for Azure virtual machines. What should you modify on VM1?

- A. the hard drive
- B. Integration Services
- C. the memory
- D. the network adapters
- E. the processor

Answer: C

NEW QUESTION 142

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:

Resource group	Comments
DevServer_WestCentralUS	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.
Workstation_EastUs	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.

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 DevWokstation 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 143

You are creating a collaborative image hosting platform as an ASP.NET MVC web application. Users add, update, and modify images on the platform. Images are stored in Azure Blob storage.

More than one user at a time must be able to modify the same image. You need to implement optimistic concurrency for uploading images.

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.

Answer:

Explanation:

NEW QUESTION 145

Your company develops a bot that uses QnA Maker knowledge bases and Language Understanding Intelligence Services (LUIS). You create the QnA Maker service, knowledge bases, and the LUIS app.

The bot application must use LUIS to determine which QnA Maker knowledge base to use.

You need to integrate LUIS with the QnA Maker knowledge bases and maximize the effectiveness for selecting the QnA Maker knowledge bases before testing the bot.

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.

Actions

Configure the bot app to link LUIS app intents to the knowledge bases.

Create utterances for the LUIS app that correspond to the knowledge bases.

Create intents for the LUIS app that correspond to knowledge bases.

Publish the LUIS application.

Configure the bot app to link LUIS app entities to the knowledge bases.

Create entities for the LUIS app that correspond to the knowledge bases.

Train the LUIS application.

Answer Area

Answer:

Explanation:

Actions	Answer Area
Configure the bot app to link LUIS app intents to the knowledge bases.	Create intents for the LUIS app that correspond to knowledge bases.
Create utterances for the LUIS app that correspond to the knowledge bases.	
Create intents for the LUIS app that correspond to knowledge bases.	Train the LUIS application.
Publish the LUIS application.	Publish the LUIS application.
Configure the bot app to link LUIS app entities to the knowledge bases.	
Create entities for the LUIS app that correspond to the knowledge bases.	Configure the bot app to link LUIS app intents to the knowledge bases.
Train the LUIS application.	

NEW QUESTION 150

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 151

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

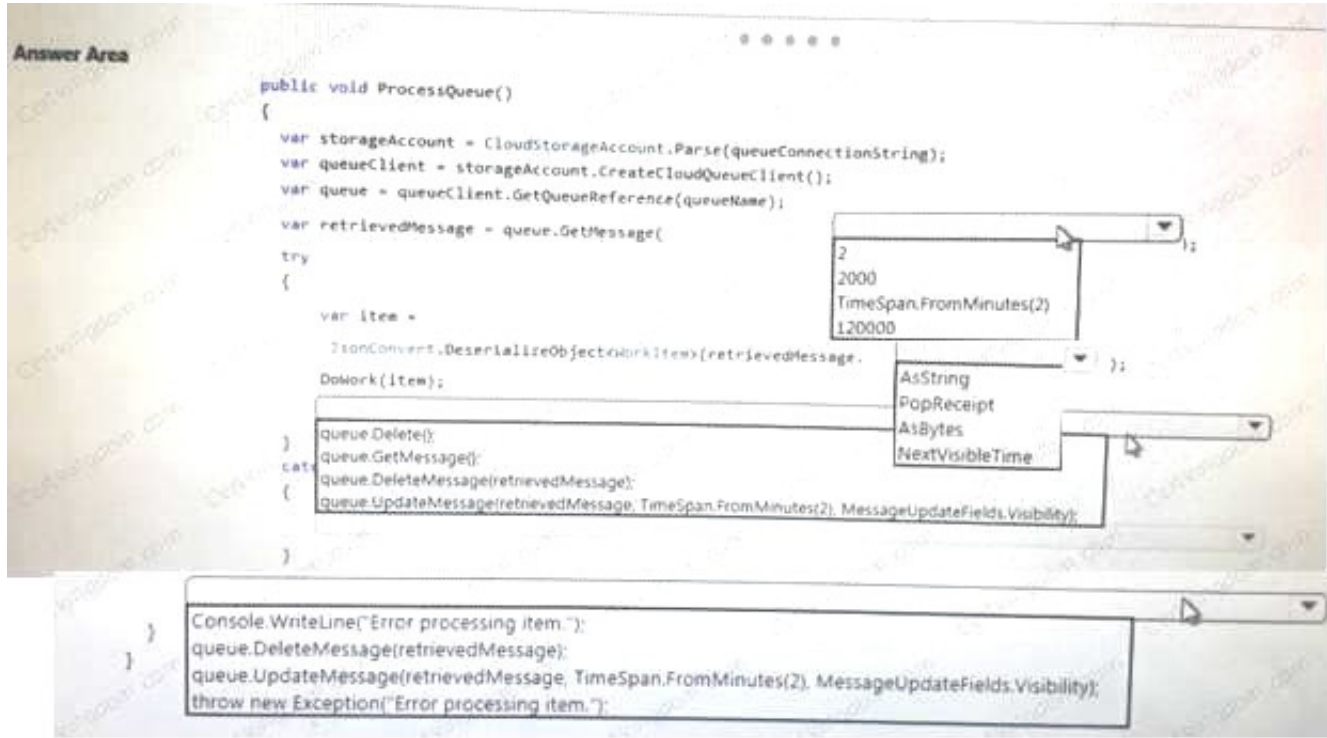
NEW QUESTION 156

An application that you manage has several web front-end instances. Each web front end communicates with a set of back-end worker processes by using an Azure queue. You are developing code for the worker processes. You have a function named DoWork0 that handles d3ta processing tasks.

You need to develop code for the worker processes that meets the following requirements:

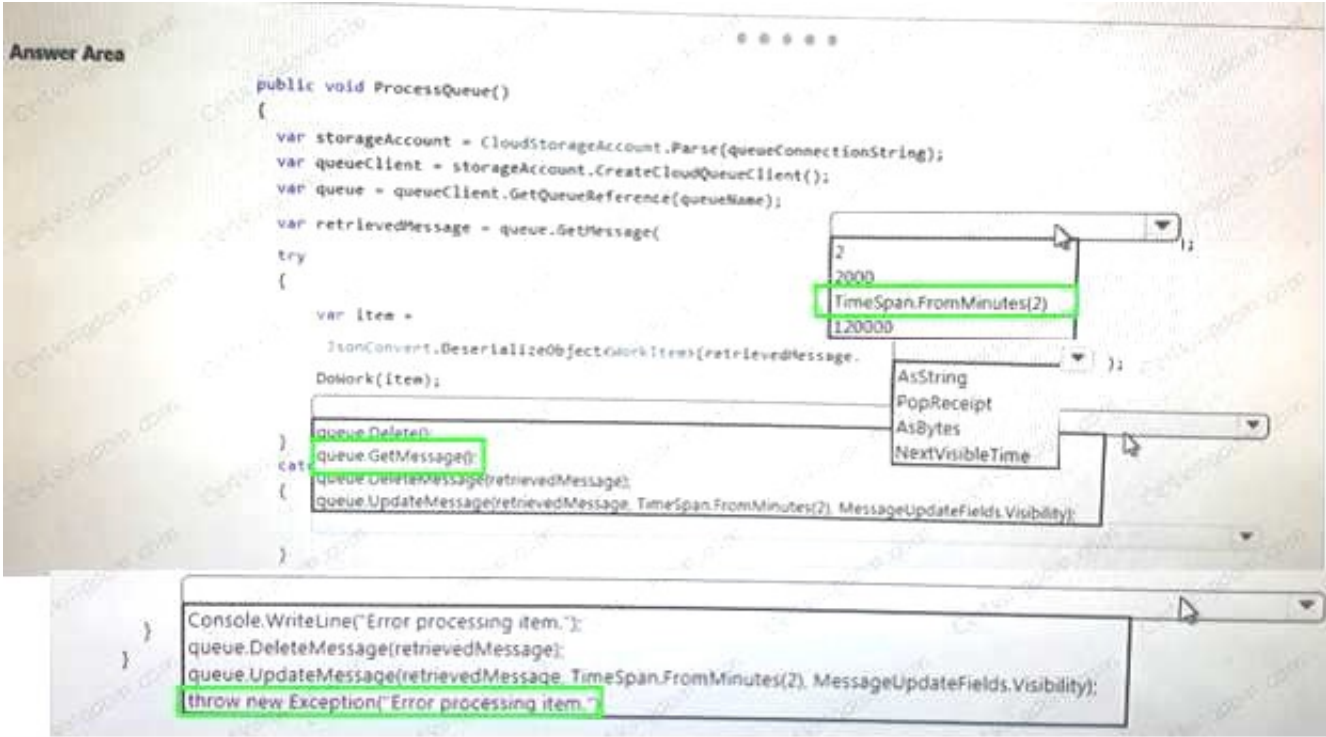
- Property access an item from the queue and be resistant to failure.
- Run on multiple background processes.
- Ensure that items are available to other workers two minutes after a worker process fails.
- Ensure that messages regarding failed processes are logged to the console.

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



Answer:

Explanation:



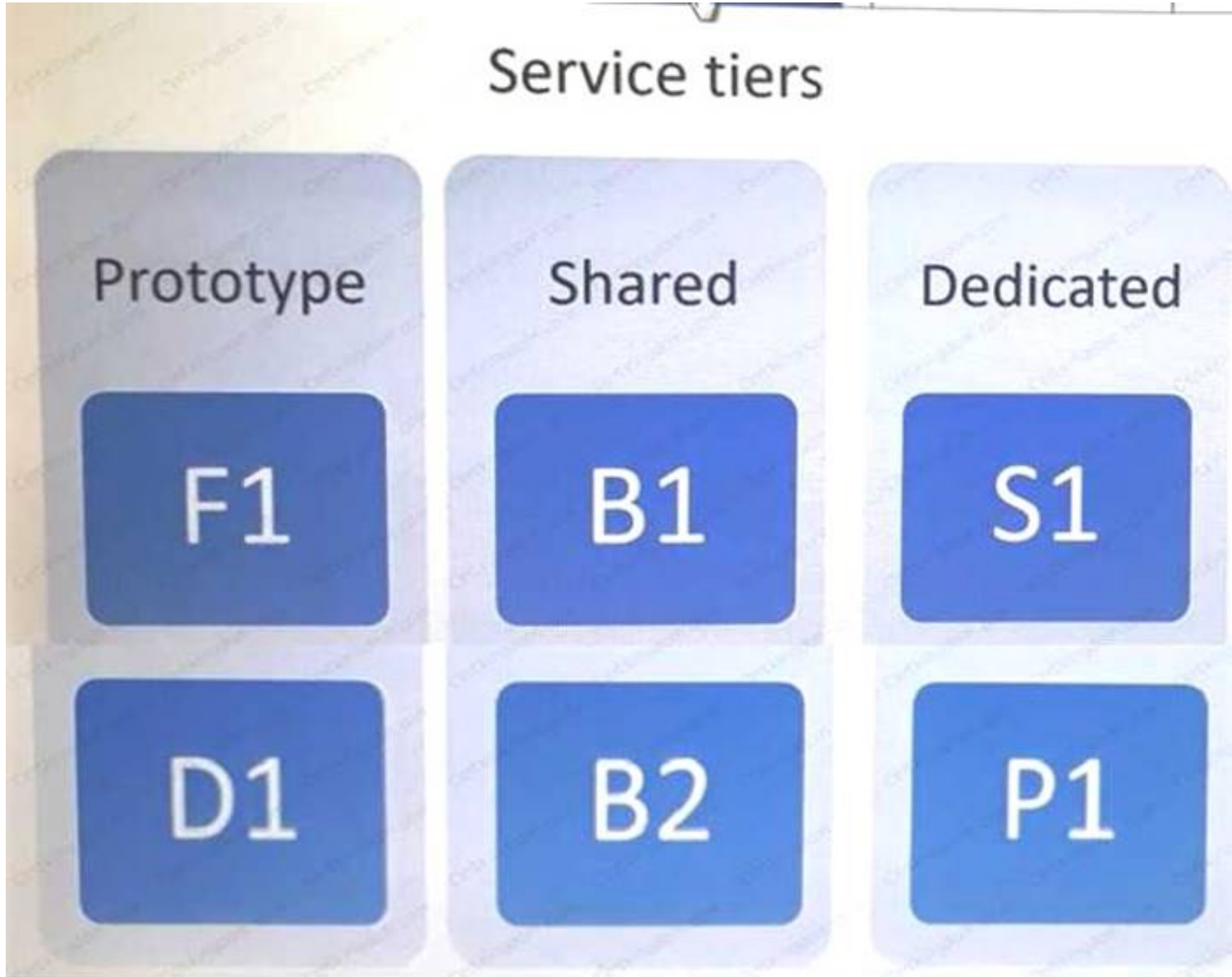
NEW QUESTION 157

A company provides web app hosting services for customers.

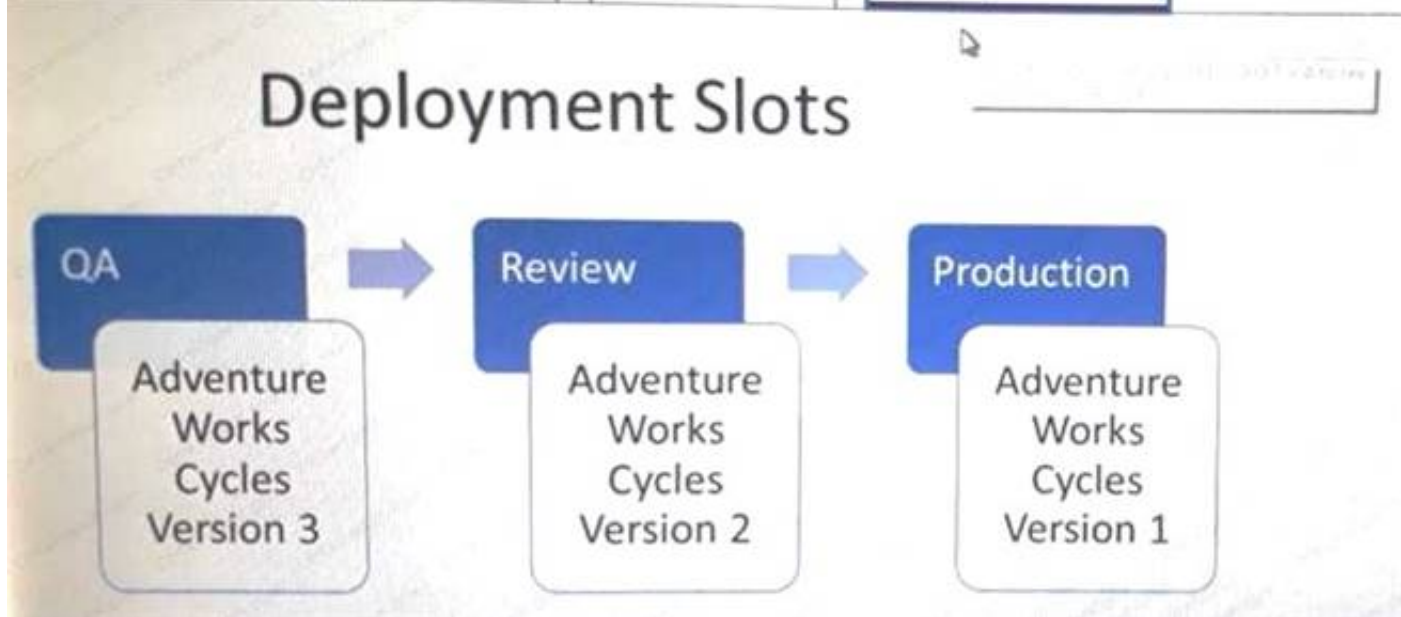
You have a set of App Service Plans available to deploy resources for new projects. The available service tiers are shown in the Service Tiers exhibit. (Click the Service Tiers tab.)

Project Table	
Project	URL
Adventure Works Cycles	http://adventureworkscycles.com
Coho Vineyard	http://cohovineyard.com
Trey Research	http://treyresearch.azurewebsites.net

You must provision resources for the projects as shown in the Projects exhibit. (Click the Projects tab.)



The Adventure Works a project requires the use of deployment slots as shown in the Deployment Slots exhibit. (Click the Deployment Slots tab.)



You need to determine where to deploy resources for each project.
 For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

	Yes	No
AdventureWorks Cycles must be hosted on one of the shared plans.	<input type="radio"/>	<input type="radio"/>
Trey Research must be hosted on one of the prototype plans.	<input type="radio"/>	<input type="radio"/>
Coho Vineyard must be hosted on one of the dedicated plans.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

The screenshot shows the correct answers for the question:

- AdventureWorks Cycles must be hosted on one of the shared plans. **Yes**
- Trey Research must be hosted on one of the prototype plans. **Yes**
- Coho Vineyard must be hosted on one of the dedicated plans. **No**

NEW QUESTION 161

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 165

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 170

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 connect 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.

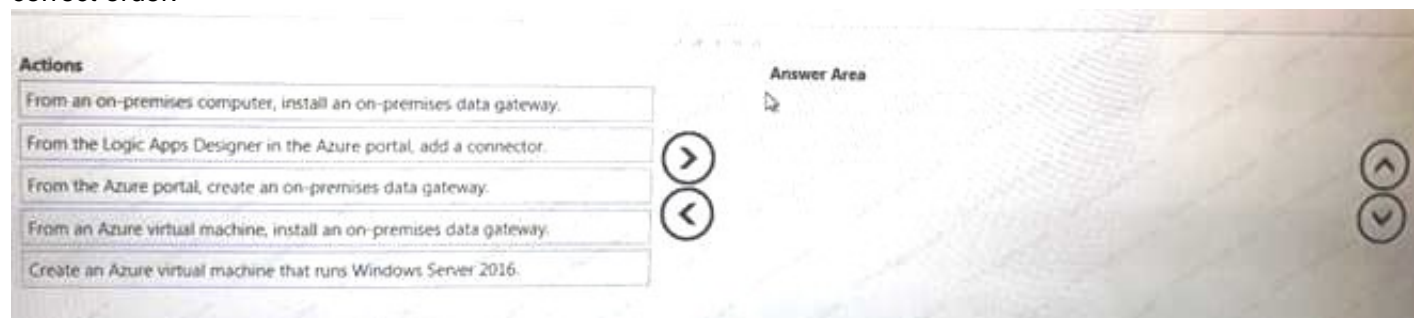
Answer: CE

NEW QUESTION 173

You have an on-premises network that includes a Microsoft SQL Server instance named SQL1. You create an Azure Logic App named App1.

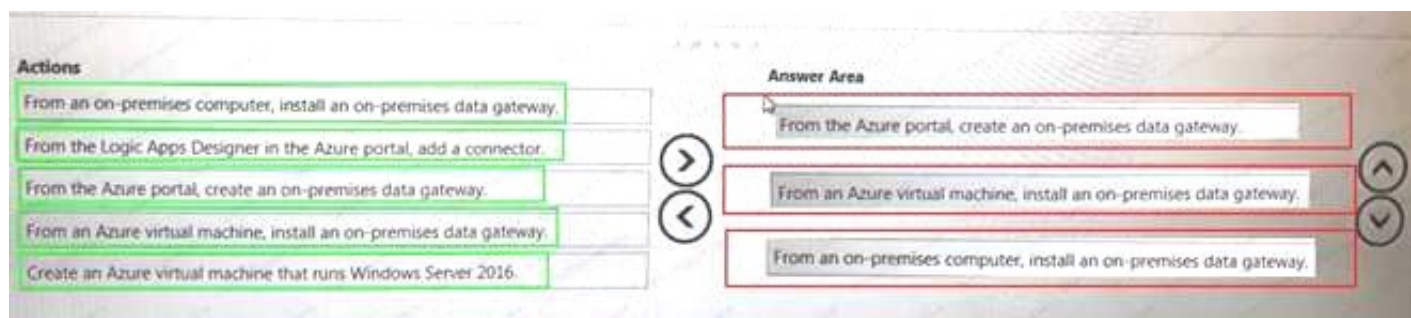
You need to ensure that App1 can query a database on SQL1.

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.



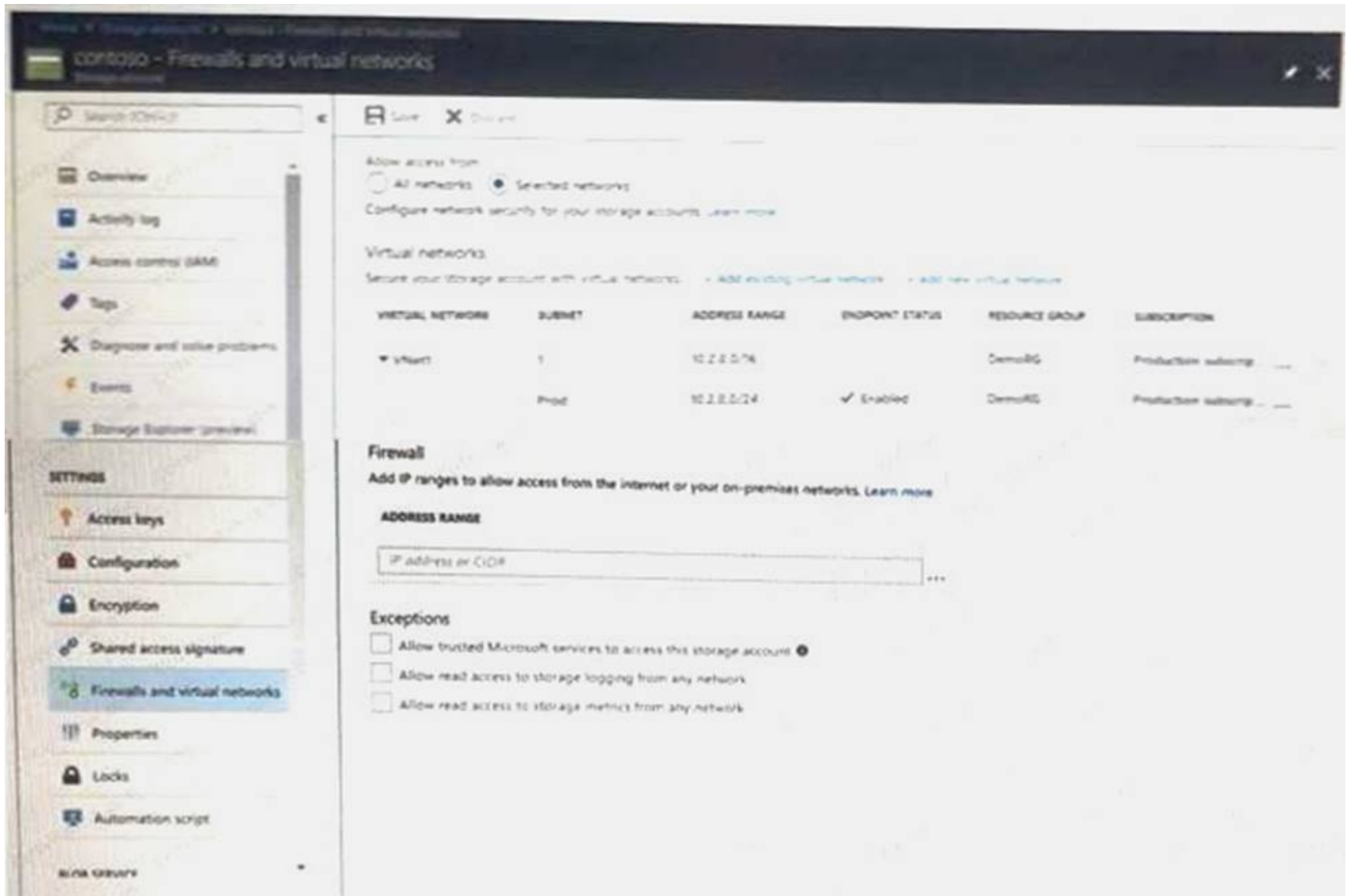
Answer:

Explanation:

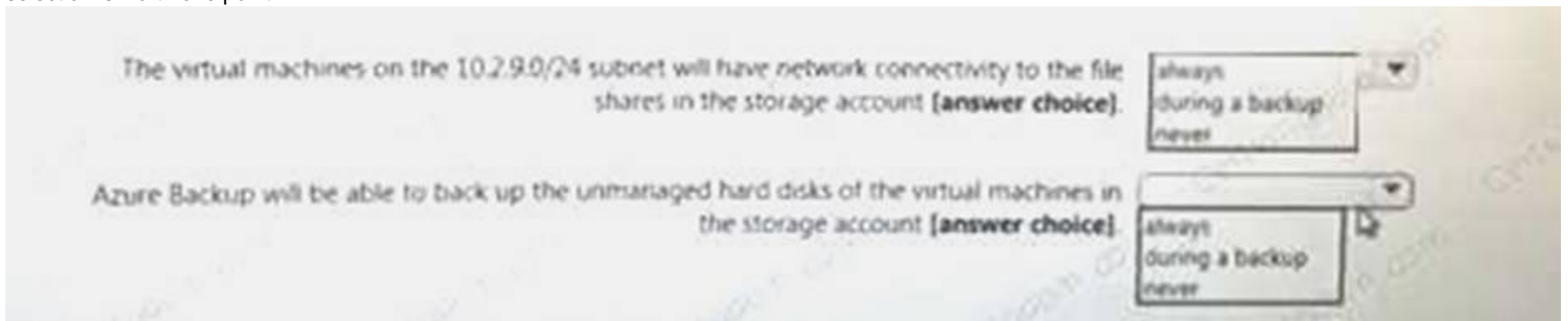


NEW QUESTION 175

You have several Azure virtual machines on a virtual network named VNet1. You configure an Azure Storage account 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 correct selection is worth one point



Answer:

Explanation:



NEW QUESTION 177

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 181

You need to debug the user greeting issue. What should you use?

- A. Azure Application Insights
- B. Bot Framework Emulator
- C. Bot Framework Channel Inspector
- D. Bot Connector service
- E. Azure Compote Emulator

Answer: A

NEW QUESTION 184

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

Answer:

Explanation:

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

NEW QUESTION 186

You need to resolve the delivery API error. What should you do?

- A. Implement simple retry by using the EnableRetryOnFailure feature of Entity Framework.
- B. Implement exponential backoff by using the EnableRetryOnFailure feature of Entity Framework.
- C. Implement a Circuit Breaker pattern by using the EnableRetryOnFailure feature of Entity Framework.
- D. Invoke a custom execution strategy in Entity Framework.

Answer: B

Explanation: References:
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-develop-error-messages>

NEW QUESTION 189

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 194

You need to implement the purchase requirement. What should you do?

- A. Use the Bot Framework REST API conversation operations to send the user's voice and the Speech Service API to recognize intents.
- B. Use the Direct Line REST API to send the user's voice and the Speech Service API to recognize intents.
- C. Use the Speech Service API to send the user's voice and the Bot Framework REST API conversation operations to recognize intents.

D. Use the Bot Framework REST API attachment operations to send the user's voice and the Speech Service API to recognize intents.

Answer: A

NEW QUESTION 195

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

Explanation: References:

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

NEW QUESTION 196

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 200

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