Exam Questions 70-532

Developing Microsoft Azure Solutions

https://www.2passeasy.com/dumps/70-532/

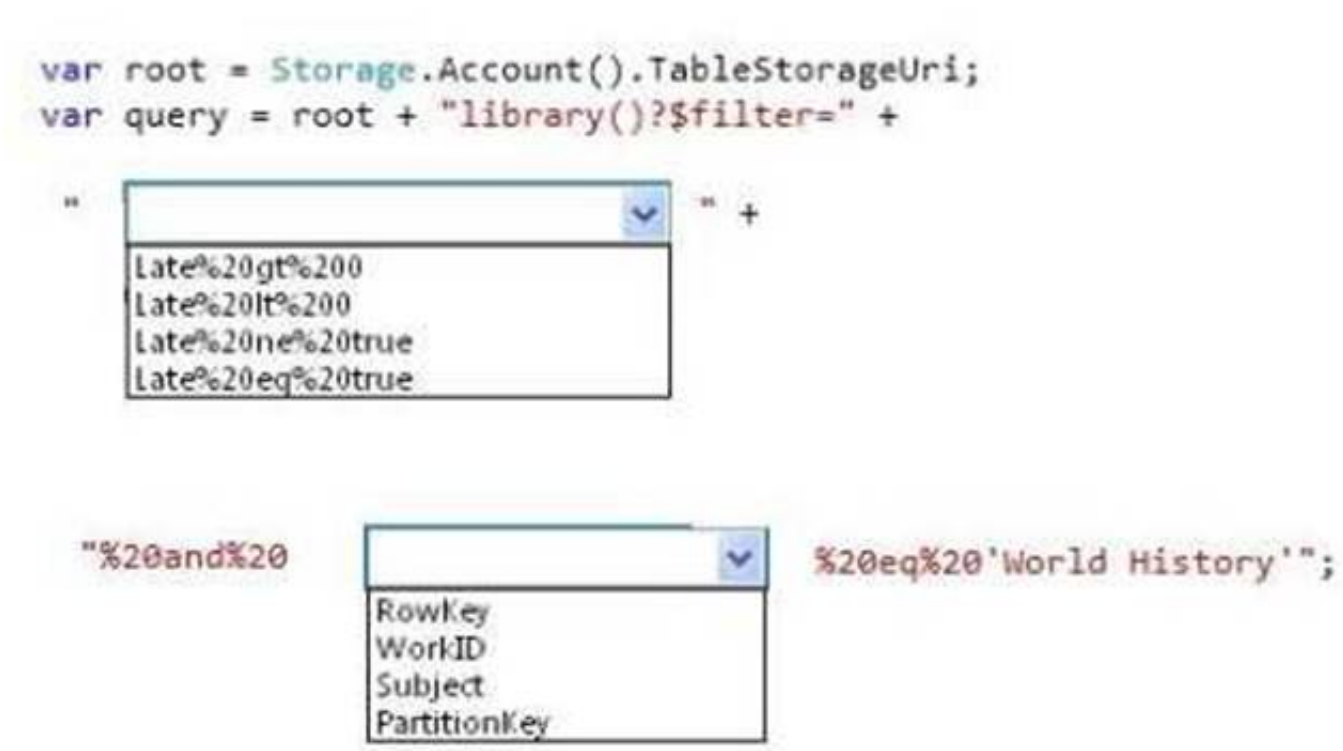
NEW QUESTION 1
You are deploying the web-based solution in the West Europe region.
You need to copy the repository of existing works that the plagiarism detection service uses. You must achieve this goal by using the least amount of time.
What should you do?

A. Copy the files from the source file share to a local hard dis
B. Ship the hard disk to the West Europe data center by using the Azure Import/Export service.
C. Create an Azure virtual network to connect to the West Europe regio
D. Then use Robocopy to copy the files from the current region to the West Europe region.
E. Provide access to the blobs by using the Microsoft Azure Content Delivery(CDN). Modify the plagiarism detection service so that the files from the repository are loaded from the CDN.
F. Use the Asynchronous Blob Copy API to copy the blobs from the source storage account to a storage account in the West Europe region.

Answer: D

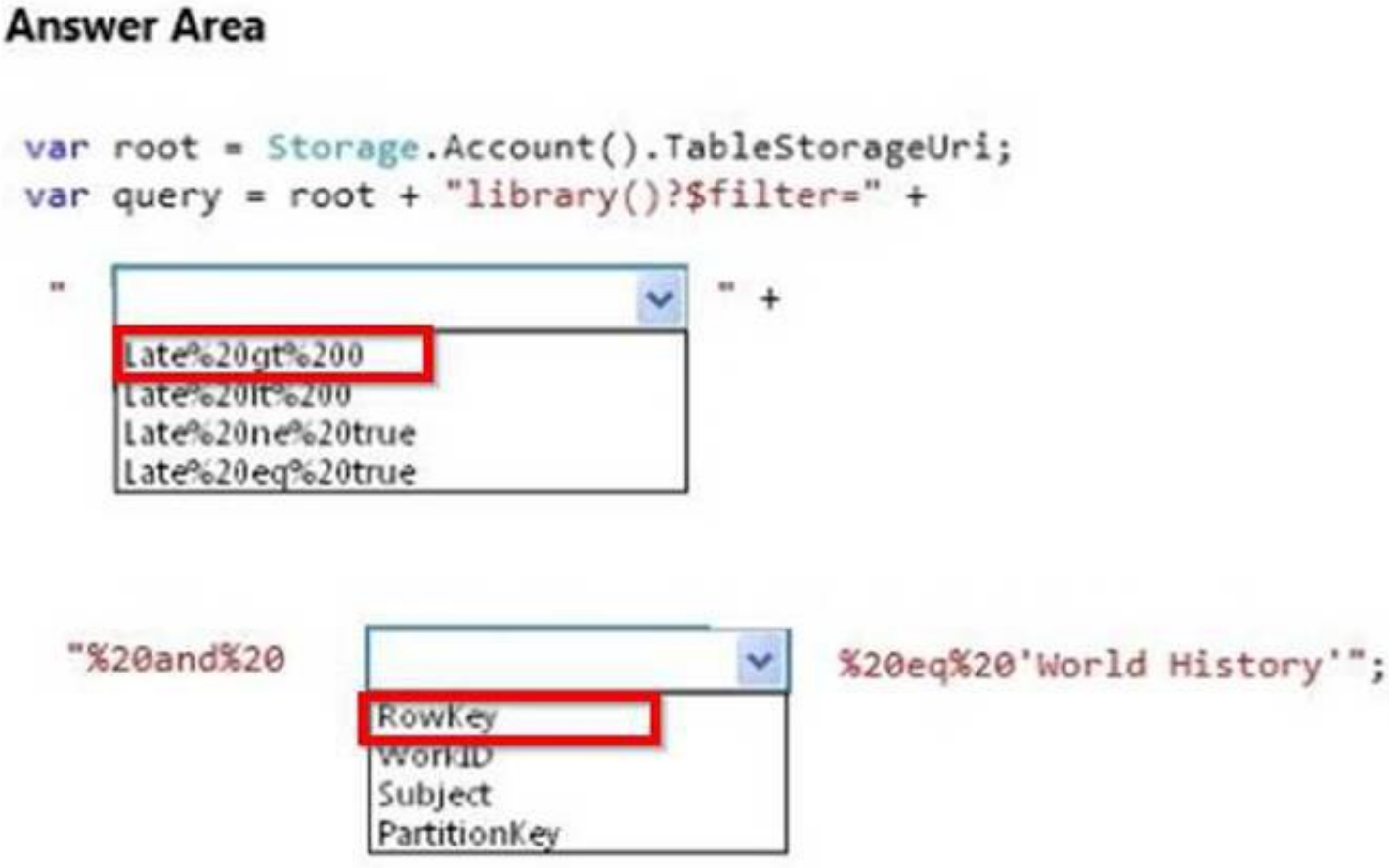
Explanation: Ref: http://blogs.msdn.com/b/windowsazurestorage/archive/2012/06/12/introducing-asynchronous-cross-account-copy-blob.aspx

NEW QUESTION 2
HOTSPOT
You need to find all existing works about World History that are overdue and are stored in the repository.
How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.



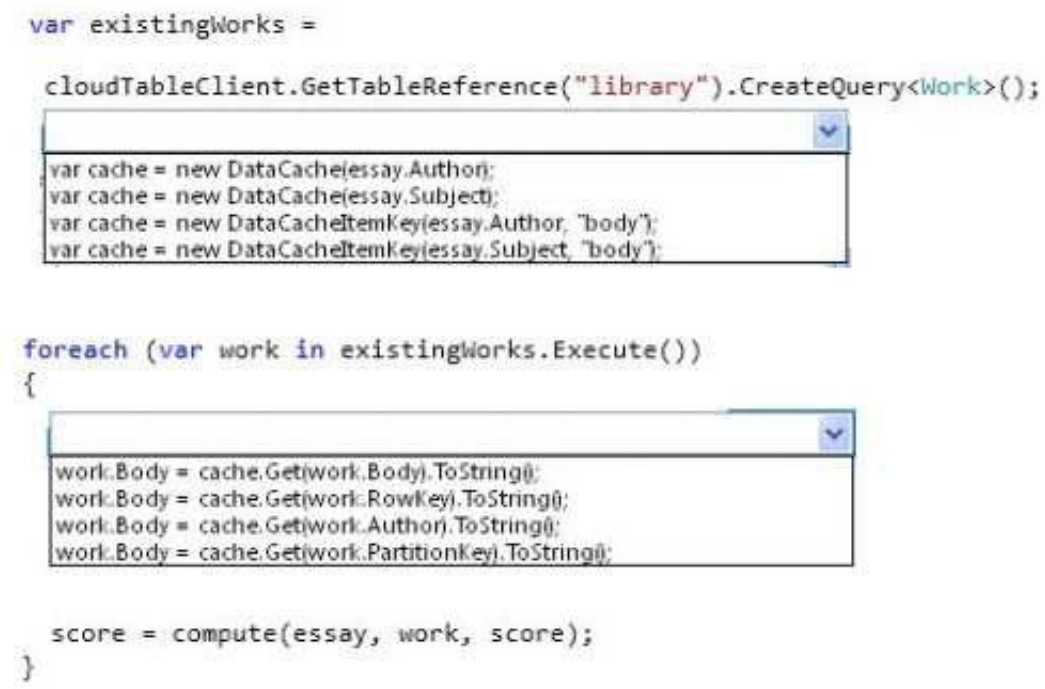
Answer:

Explanation:



NEW QUESTION 3
HOTSPOT
The Compute method in the PlagiarismCalculation class takes a significant amount of time to load existing works from blob storage. To improve performance, the service must load existing works from the cache.
You need to modify the Compute method in the class PlagiarismCalculation.
How should you modify the method? To answer, select the appropriate option or options in the answer area.

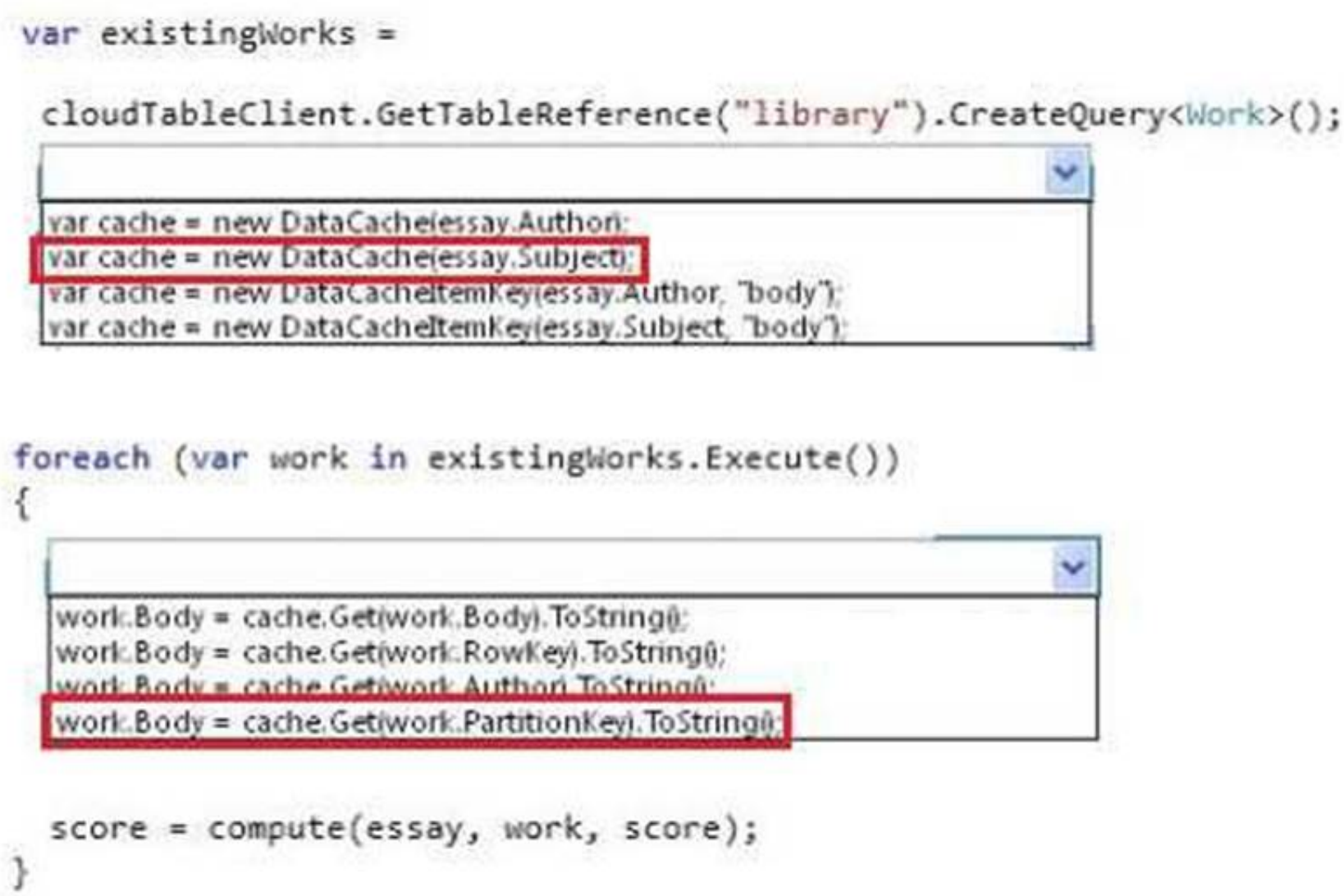
Answer Area



Answer:

Explanation:

Answer Area

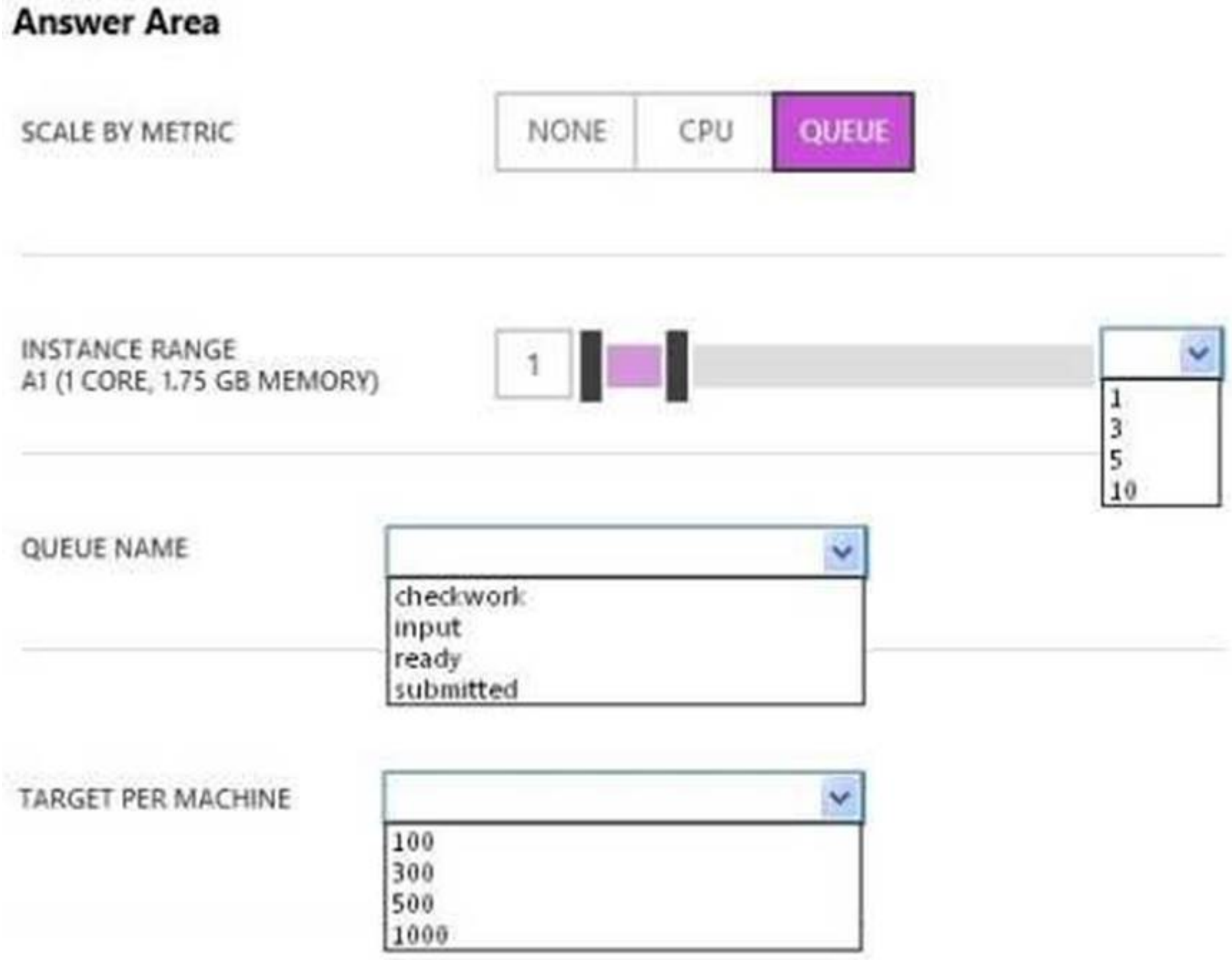


NEW QUESTION 4
You update the portion of the website that contains biographical information about students.
You need to provide data for testing the updates to the website. Which approach should you use?

A. Use SQL Server data
B. Use the Active Geo-Replication feature of Azure SQL Database.
C. Use SQL Replication.
D. Use the Geo-Replication feature of Azure Storage.

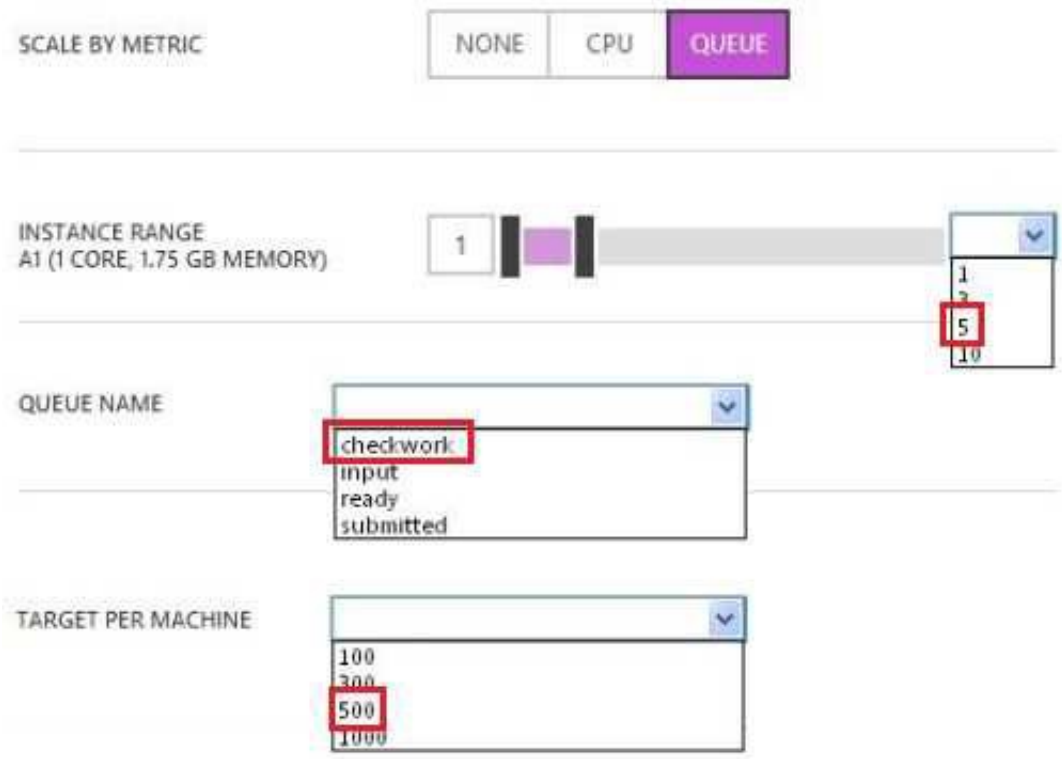
Answer: A

NEW QUESTION 5
HOTSPOT
You need to configure scaling for the plagiarism detection
What should you do? To answer, select the appropriate values in the dialog box in the answer area.



Answer:

Explanation: **Answer Area**



NEW QUESTION 6
HOTSPOT
You need to implement the Work action on the TeacherController object.
How should you complete the relevant code? To answer, select the appropriate options in the answer area.

Answer Area

```
var disposition = string.Format("attachment; filename=\"{0}\"", workId);
var account = Storage.Account();
var cloudBlobClient = account.CreateCloudBlobClient();
var server = cloudBlobClient.StorageUri;
var blobName = new Uri(string.Format("{0}/{1}/{2}", server,
```

[▼] ,

- "work" + subject
- workId
- disposition
- blobName

[▼]));

- "work" + subject
- workId
- disposition
- blobName

```
var blob = cloudBlobClient.GetBlobReferenceFromServer(blobName);
var contentLength = blob.Properties.Length.ToString();
Response.Buffer = false;
Response.AddHeader("Content-Disposition", disposition);
Response.AddHeader("Content-Length", contentLength);
Response.ContentType = "application/octet-stream";
Response.Flush();

blob.DownloadToStream( [ ▼ ] );
```

- Response.OutputStream
- Request.InputStream
- blob.OpenRead()

```
HttpContext.ApplicationInstance.CompleteRequest();
return new EmptyResult();
```

Answer:

Explanation:

Answer Area

```
var disposition = string.Format("attachment; filename=\"{0}\"", workId);
var account = Storage.Account();
var cloudBlobClient = account.CreateCloudBlobClient();
var server = cloudBlobClient.StorageUri;
var blobName = new Uri(string.Format("{0}/{1}/{2}", server,
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[▼] ,

- "work" + subject
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[▼]));

- "work" + subject
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```
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var contentLength = blob.Properties.Length.ToString();
Response.Buffer = false;
Response.AddHeader("Content-Disposition", disposition);
Response.AddHeader("Content-Length", contentLength);
Response.ContentType = "application/octet-stream";
Response.Flush();
blob.DownloadToStream( [ ▼ ] );
HttpContext.ApplicationInstance.CompleteRequest();
return new EmptyResult();
```

- Response.OutputStream
- Request.InputStream
- blob.OpenRead()

NEW QUESTION 7
HOTSPOT
You run the following PowerShell script. Line numbers are included for reference only.

```
01  Get-AzureSubscription -SubscriptionName ContosoPt1
02  Switch-AzureWebsiteSlot -Name ContosoPt1_2
03  Remove-AzureWebsite -Name ContosoPt1_2 -Slot staging
04  Get-AzureDeployment -ServiceName ContosoPt1_2 -Slot Production | Get-AzureDNS
05  $MyAzureCert = Get-AzureCertificate -ServiceName ContosoPT | Remove-AzureCertificate
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
After you run this script, a new certificate will be applied to the web site.	○	○
After you run this script, you must update the custom domain names.	○	○
After you run this script, you must recreate the staging slot.	○	○

Answer:

Explanation:

Answer Area

	Yes	No
After you run this script, a new certificate will be applied to the web site.	○	○
After you run this script, you must update the custom domain names.	○	○
After you run this script, you must recreate the staging slot.	○	○

NEW QUESTION 8
You need to implement data storage for patient information.
What should you do?

A. Use the Update Entity operation of the Table Service REST API.
B. Use the Put Blob operation of the Blob Service REST API.
C. Use the Put Message operation of the Create Queue REST API.
D. Use the Set Share operation of the File Service REST API.

Answer: A

NEW QUESTION 9
You create a VM named cVM_005 for a newly hired contractor.
The contractor reports that the VM runs out of memory when the contractor attempts to test the mobile applications.
You need to double the memory that is available for the VM. Which Windows PowerShell command should you use?

A. `SetAzureVMSize -ServiceName "cVM_005" -VMSize "A4"`

B. `Add-DataDisksToVM.ps1 -ServiceName "cVM 005" -VMName "MyVM" -Location "West US" -NumberOfDisks 2 - DiskSizeInGB 16`

C. `SetAzureVMSize -ServiceName "cVM_005" -VMSize "Medium"`

D. `SetAzureVMSize -ServiceName "cVM_005" -VMSize "A6"`

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

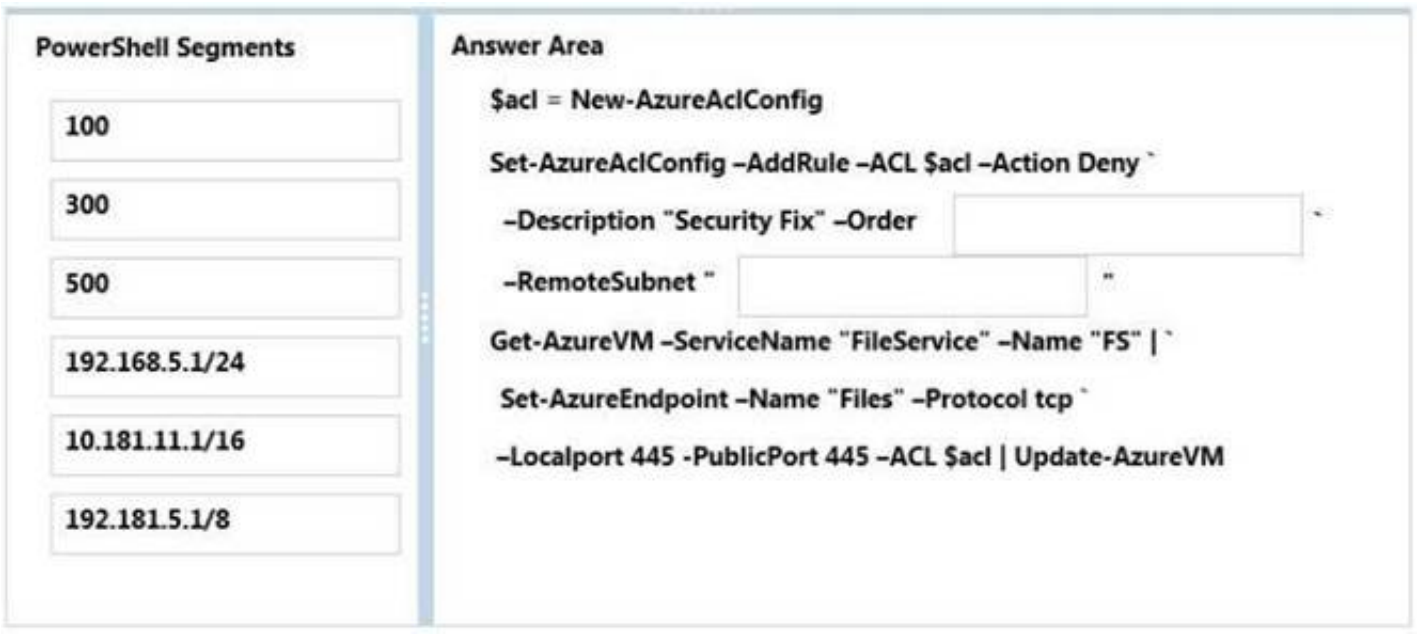
Answer: A

NEW QUESTION 10
Users report that after periods of inactivity the website is slow to render pages and to process sign-in attempts.
You need to ensure that the website is always responsive. What should you do?

A. Add the following markup at line WC14:<sessionState timeout-"86400" />
B. Add the following markup at line WC08:<add key="timeout" value="null" />
C. Add the following markup at line WC14:<sessionState timeout="fl" />
D. In the Azure management portal, enable Always On support for the website.
E. In the Azure management portal, disable Always On support for the website.

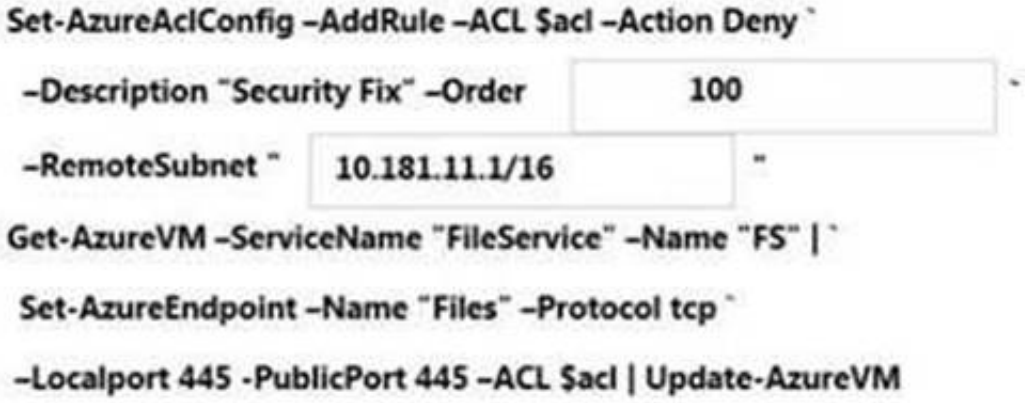
Answer: A

NEW QUESTION 10
DRAG DROP
Contoso, Ltd. reports that hackers have compromised a computer on its network. You need to prevent access to the site from all Contoso, Ltd. computers.
How should you complete the relevant Windows PowerShell script? To answer, drag the appropriate Windows PowerShell segment to the correct location. Each Windows PowerShell 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.



Answer:

Explanation:



NEW QUESTION 13
There is a lengthy delay between the time an alert is sent and when it is received by the Web App.
You need to resolve the issue. What should you do?

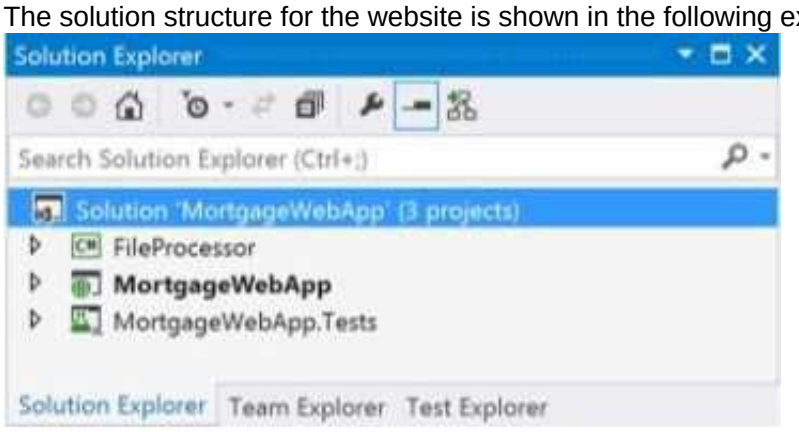
A. Increase the amount of swap memory for the VM instance,
B. Enable automatic scaling for the Web App.
C. Decrease the instance count for the worker role.
D. Enable automatic scaling for the worker role.
E. Set monitoring level to Verbose for the worker role.

Answer: C

Explanation: From scenario: The data collection service runs Node.js in a worker role.
All deployed instances must scale up to the next available CPU instance at a CPU usage threshold of 90 percent and scale down when the usage is below 10 percent.

Case Study: 3 Mortgage Loan
Background
A company is developing a website that supports mortgage loan processing. You use the Azure management portal to create a website. You initially configure the website to use the Basic hosting plan. You register a custom domain for the website with a valid registrar. Customers complete mortgage applications and upload supporting documents to the website. A custom executable named FileProcessor.exe processes all of the information received. An on-premises server that runs Windows Server hosts the executable.
You create a virtual hard disk (VHD) image of the on-premises server. You plan to use this VHD to replace the on-premises server with a new virtual machine (VM) that is hosted in Azure.
Business Requirements
Business stakeholders have identified the following requirements for the mortgage loan processing website:
? The website must provide a secure mortgage application process for the customer.
? Business users must validate new versions of the website before you publish them to the production site. You must be able to revert to the previous version easily when issues arise.
? The website must remain available to users while new features and bug fixes are deployed.
? Network traffic must be monitored on all ports that the website uses. Technical Requirements
General:
? You must develop the website by using Microsoft Visual Studio 2013.
? The website must be stateless. Subsequent requests from a user might or might not be routed back to the website instance that the user initially connected to. Security:
You must secure the custom domain and all subdomains by using SSL.
Storage:
? The custom executable must use native file system APIs to share data between different parts of the website.
? The custom executable must continue to use a network file share to access files. Monitoring:
The website must use port 6000 with UDP to submit information to another process. This port must be actively monitored by using the same external port number. Deployment:

? You must the VM and the associated VHD. You will need to move this VM to a different Azure subscription after deployment.
? You must establish a continuous deployment process that uses staged publishing.
? The custom domain must handle requests for multiple subdomains.
? The custom domain must use a www CNAME record that points to the domain's @ A record.
? The custom executable must run continuously and must be deployed as an Azure web job named FileProcessor
? Application Request Routing (ARR) affinity must be disabled for the website. Solution Structure
The solution structure for the website is shown in the following exhibit.



NEW QUESTION 16
You need to debug the website remotely.
Which three actions should you take? Each correct answer presents part of the solution.

A. In the Azure management portal, configure a monitoring endpoint.
B. In the Azure management portal, set remote debugging to On and set the Visual Studio version to 2013.
C. Install the Azure SDK for .NET on the computer that runs Visual Studio.
D. In the web.config for the website, set the debug attribute of the compilation element to true.
E. In the Azure management portal, set the web hosting plan to Standard.

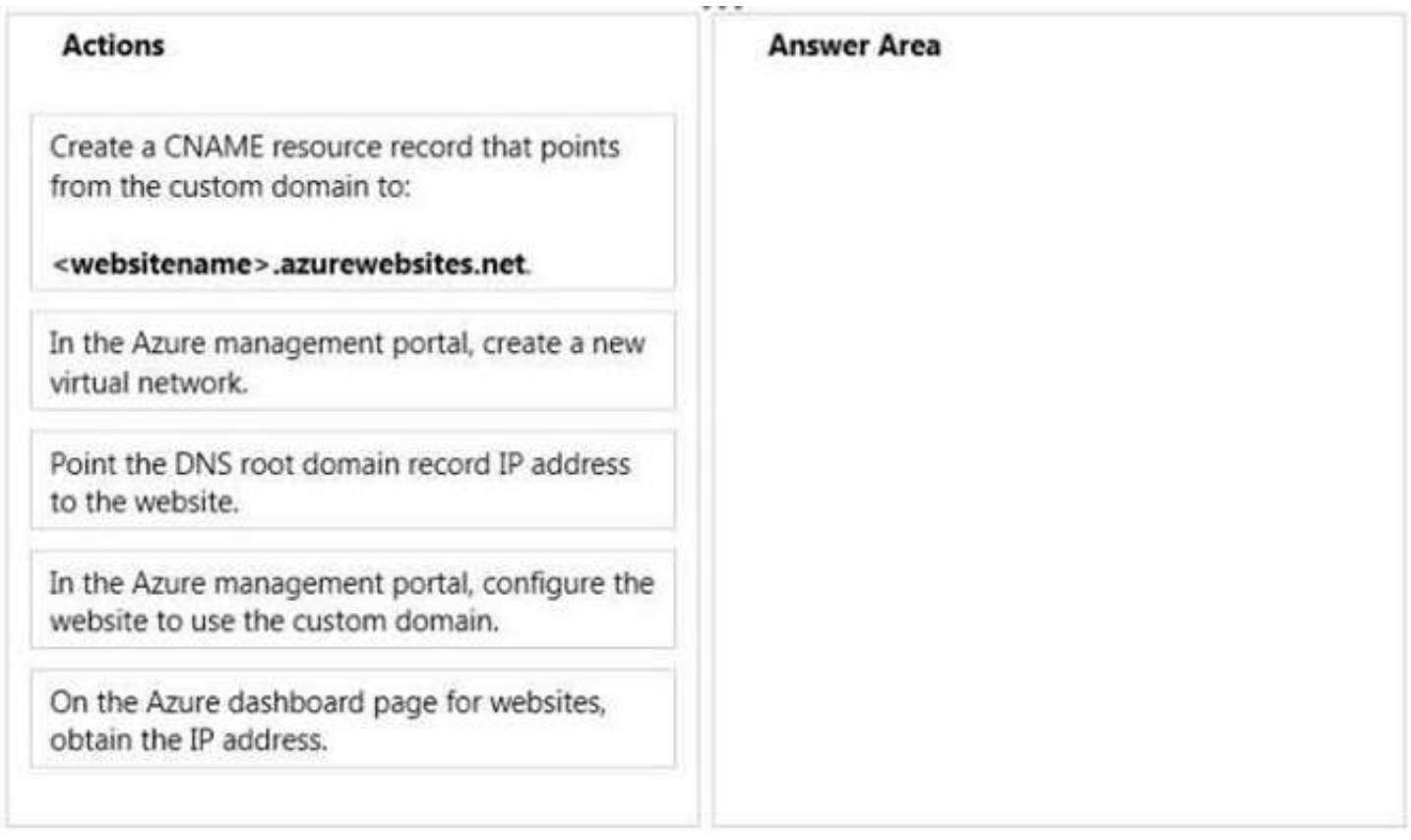
Answer: BCD

NEW QUESTION 19
You need to move the VM. What should you do?

A. Use the Blob Service REST API
B. Use the Service Management REST API
C. Run the Azure Convert-VHD cmdlet.
D. Run the Azure PowerShell New-AzureVMcmdlet

Answer: A

NEW QUESTION 20
DRAG DROP
You need to complete the domain configuration for the website.
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:

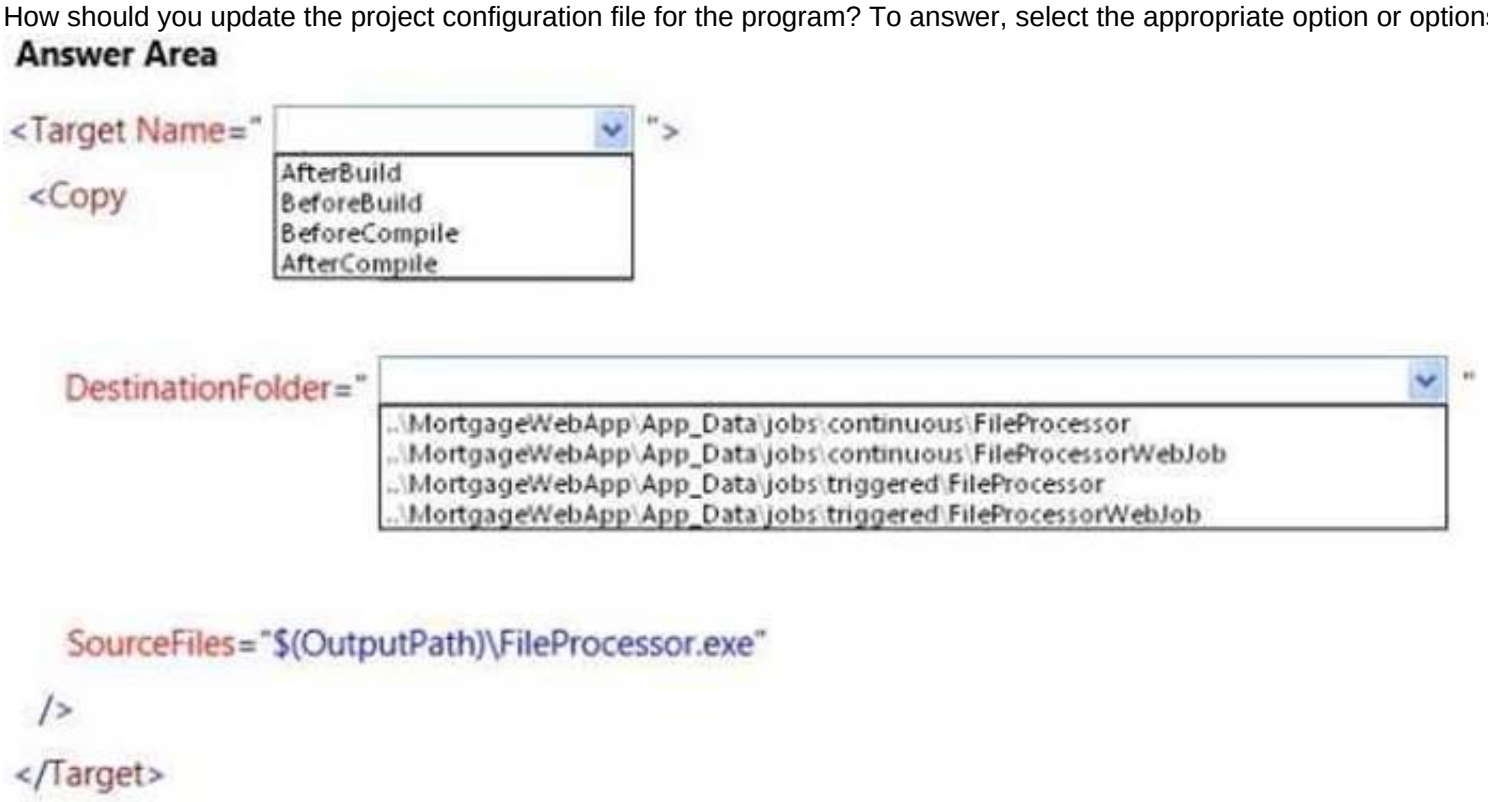
Explanation:
Ref: http://azure.microsoft.com/en-gb/documentation/articles/web-sites-custom-domain-name/

NEW QUESTION 24
You need to implement the web application deployment workflow.
In the Azure management portal, what should you do?

A. Set the web hosting plan to Share
B. Increase the instance count to 2. Publish the incremental updates to the new instance.
C. Set the web hosting plan to Standar
D. Use Windows PowerShell to create a new deployment slot to publish the incremental update
E. Swap the deployment slot after the business users have validated updates.
F. Set the web hosting plan to Standar
G. Create a new website to host the updated web applicatio
H. Create a Windows PowerShell script to move the contents of the new website to the production website location after the business users have validated the updates.
I. Download the publish profil
J. Use Visual Studio to import the publish profil
K. Deploy the web application by using the Visual Studio Publish Web wizard after the business users have validated the updates.

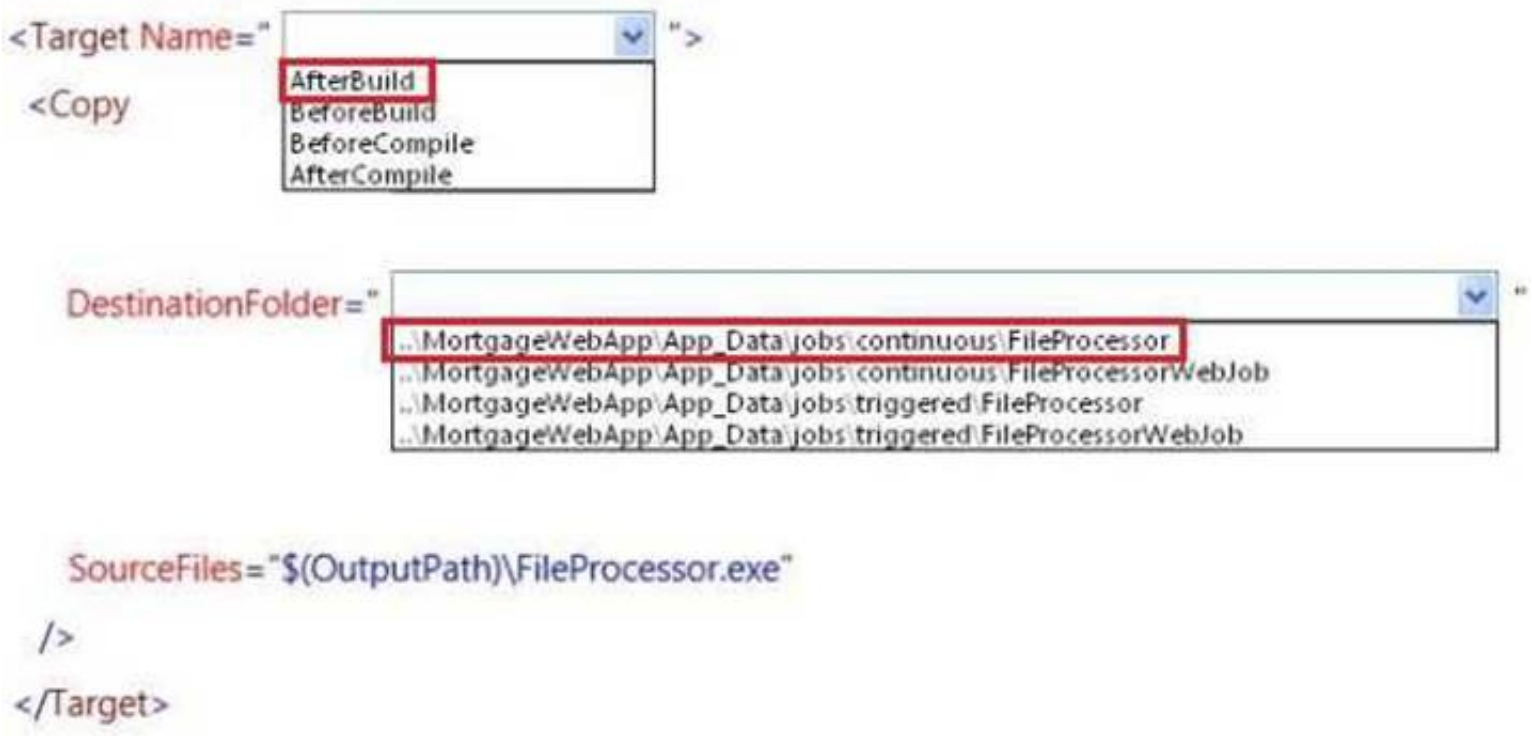
Answer: B

NEW QUESTION 29
HOTSPOT
You need to deploy the FileProcessor.exe program.
How should you update the project configuration file for the program? To answer, select the appropriate option or options in the answer area.



Answer:

Explanation:



NEW QUESTION 30
You need to configure role instances. Which size should you specify for the VM?

A. Use Small for Off-Peak mode.

B. Use Large for On-Peak mode.
C. Use Extra Large for On-Peak mode.
D. Use Extra Small for Off-Peak mode.

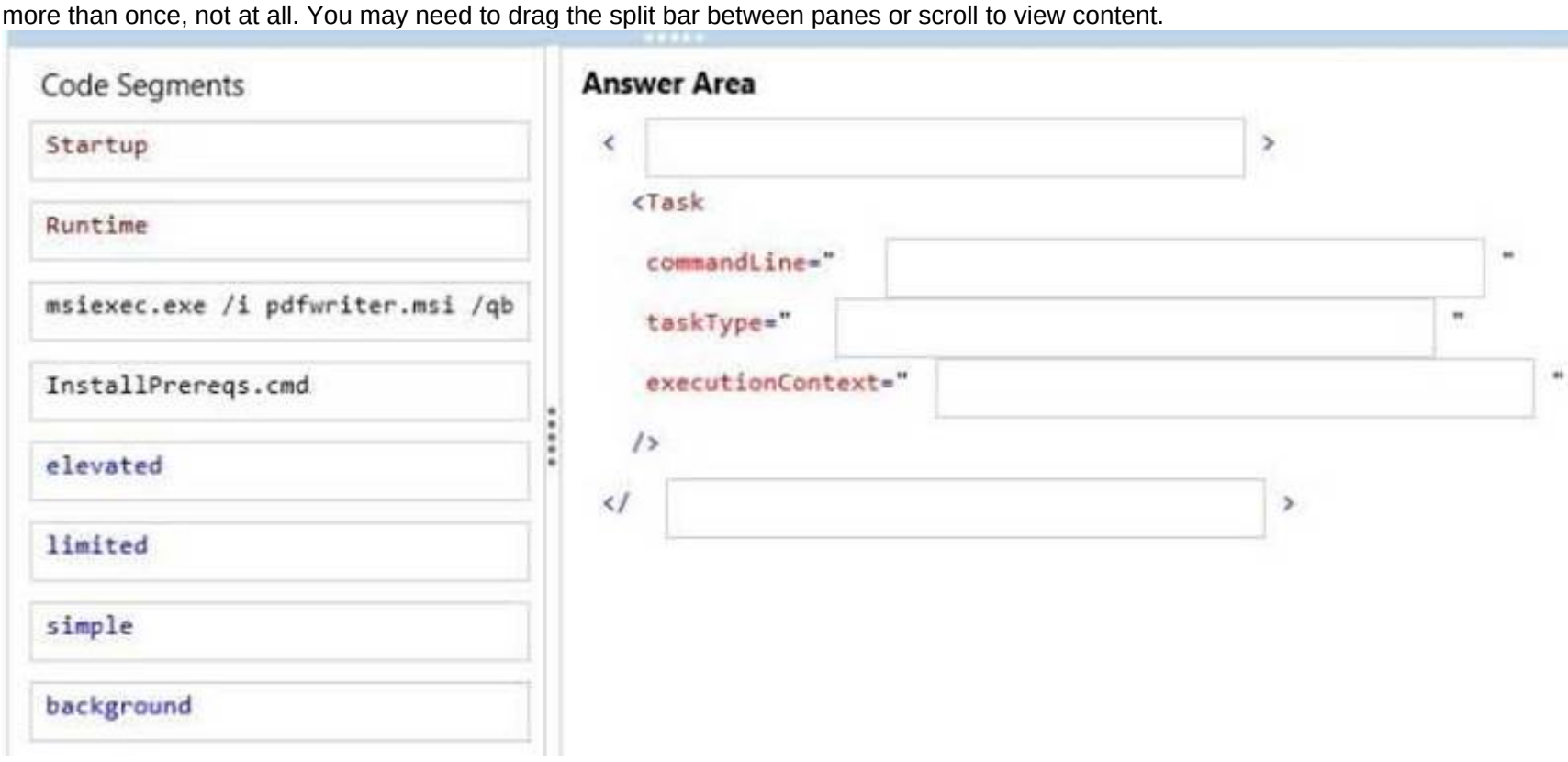
Answer: B

NEW QUESTION 32
You need to meet the performance and scalability requirements. Which SQL Database configuration should you use?

A. Use the S1 performance level for On-Peak mode.
B. Use the P2 performance level for On-Peak mode.
C. Use the S2 performance level for On-Peak mode.
D. Use the P1 performance level for On-Peak mode.

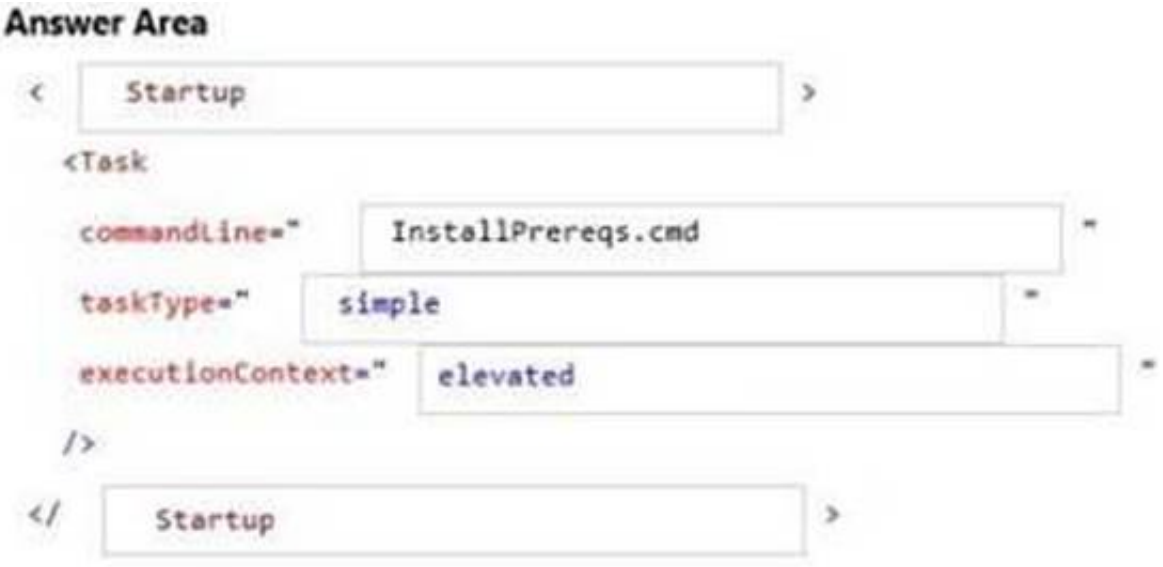
Answer: D

NEW QUESTION 36
DRAG DROP
You need to insert markup at line SD22 to install the software that generates PDF documents.
How should you complete the relevant markup? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, not at all. You may need to drag the split bar between panes or scroll to view content.



Answer:

Explanation:



NEW QUESTION 41
HOTSPOT
You need to insert code at line SB11 to apply the storage access policy.
How should you complete the relevant code segment? To answer, select the appropriate option or options in the answer area.

Answer Area

```
private SharedAccessBlobPolicy GetSharedAccessBlobPolicy()
{
  SharedAccessBlobPolicy policy = new SharedAccessBlobPolicy()
  {
    SharedAccessStartTime = [                                  ],
                            [ DateTime.UtcNow                  ]
                            [ DateTime.Today                   ]

    SharedAccessExpiryTime = [                                 ],
                             [ DateTime.UtcNow.AddHours(48)    ]
                             [ DateTime.UtcNow.Subtract(TimeSpan.FromHours(48)) ]
                             [ DateTime.Today(AddHours(48)     ]

    Permissions = SharedAccessBlobPermissions.List |
                  [                                            ]
                  [ SharedAccessBlobPermissions.Read | SharedAccessBlobPermissions.Write ]
                  [ SharedAccessBlobPermissions.Read | SharedAccessBlobPermissions.Delete ]
                  [ SharedAccessBlobPermissions.ReadWrite      ]
  };
  return policy;
}
private void ApplySharedAccessPolicy(CloudBlobContainer blobContainer)
{
  SharedAccessBlobPolicy sharedAccessPolicy = this.GetSharedAccessBlobPolicy();
  BlobContainerPermissions permissions = new BlobContainerPermissions();
  permissions.SharedAccessPolicies.Add("DocumentBlob", sharedAccessPolicy);

  permissions.PublicAccess = [                                 ];
                             [ BlobContainerPublicAccessType.Off       ]
                             [ BlobContainerPulicAccessType.Container  ]
                             [ BlobContainerPublicAccessType.Blob      ]
}
```

Answer:

Explanation:

Answer Area

```
private SharedAccessBlobPolicy GetSharedAccessBlobPolicy()
{
  SharedAccessBlobPolicy policy = new SharedAccessBlobPolicy()
  {
    SharedAccessStartTime = [DateTime.UtcNow | DateTime.Today] ,

    SharedAccessExpiryTime = [DateTime.UtcNow.AddHours(48) | DateTime.UtcNow.Subtract(TimeSpan.FromHours(48)) | DateTime.Today.AddHours(48)] ,

    Permissions = SharedAccessBlobPermissions.List |
      [SharedAccessBlobPermissions.Read | SharedAccessBlobPermissions.Write | SharedAccessBlobPermissions.Read | SharedAccessBlobPermissions.Delete | SharedAccessBlobPermissions.ReadWrite]
  };
  return policy;
}
private void ApplySharedAccessPolicy(CloudBlobContainer blobContainer)
{
  SharedAccessBlobPolicy sharedAccessPolicy = this.GetSharedAccessBlobPolicy();
  BlobContainerPermissions permissions = new BlobContainerPermissions();
  permissions.SharedAccessPolicies.Add("DocumentBlob", sharedAccessPolicy);

  permissions.PublicAccess = [BlobContainerPublicAccessType.Off | BlobContainerPublicAccessType.Container | BlobContainerPublicAccessType.Blob] ;
}
```

NEW QUESTION 45
You need to debug the Azure solution.
Which tool should you use?

A. Compute emulator
B. Remote debugging
C. Emulator Express
D. IntelliTrace
E. Profiling

Answer: C

NEW QUESTION 49
DRAG DROP
You need to develop the web role.
How should you complete the relevant 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
You may need to drag the split bar between panes or scroll to view content.

Code Segments

OnStart
Run
Changing
Changed
RoleEnvironmentChangingEventArgs
RoleEnvironmentChangedEventArgs
False
True
OnStop

Answer Area

```
namespace WebRole
{
  public class WebRole : RoleEntryPoint
  {
  public override bool [          ] ()
    {
      RoleEnvironment.[          ]
        += WebRoleEConfiguration_Change;
      ...
    }
    Void WebRoleConfiguration_Change(object sender,
      [          ] eventArgs)
    {
      if (eventArgs.Changes.Any(change => change is RoleEnvironmentTopologyChange))
      {
        eventArgs.Cancel= [          ] ;
      }
    }
}
```

Answer:

Explanation:

Code Segments

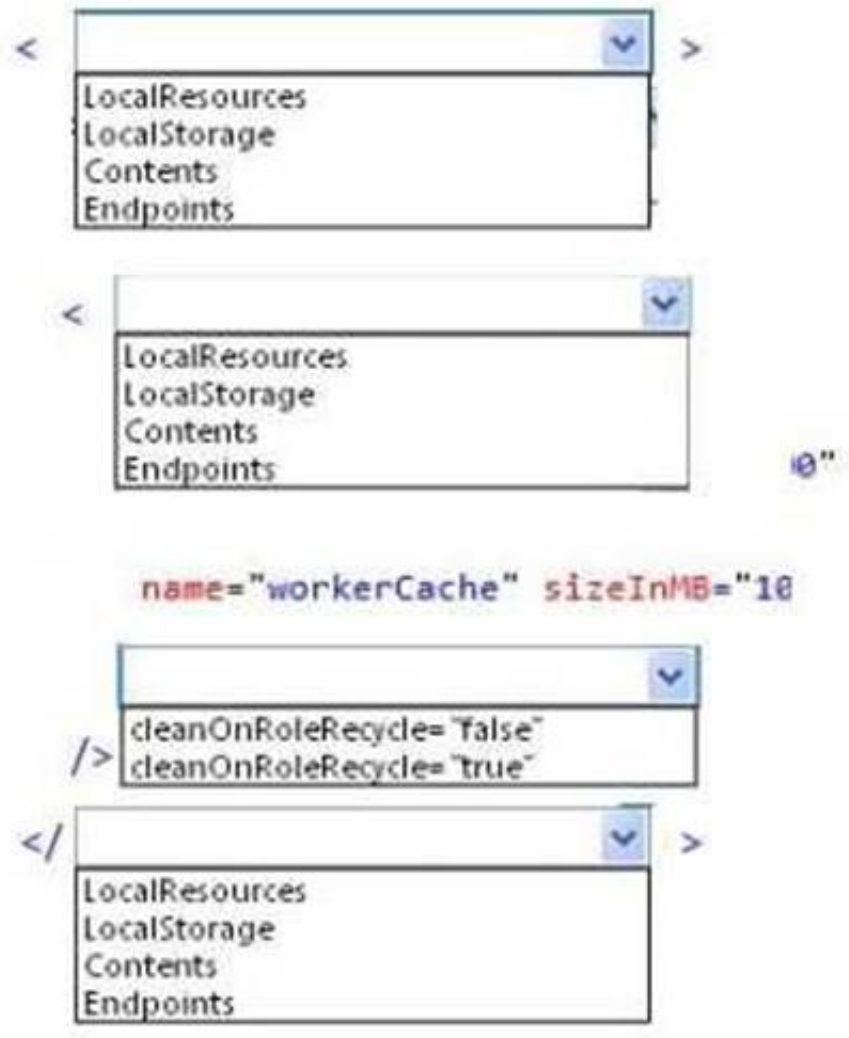
OnStart
Run
Changing
Changed
RoleEnvironmentChangingEventArgs
RoleEnvironmentChangedEventArgs
False
True
OnStop

Answer Area

```
namespace WebRole
{
  public class WebRole : RoleEntryPoint
  {
  public override bool [OnStart] ()
    {
      RoleEnvironment.[Changing]
        += WebRoleEConfiguration_Change;
      ...
    }
    Void WebRoleConfiguration_Change(object sender,
      [RoleEnvironmentChangingEventArgs] eventArgs)
    {
      if (eventArgs.Changes.Any(change => change is RoleEnvironmentTopologyChange))
      {
        eventArgs.Cancel= [False] ;
      }
    }
}
```

NEW QUESTION 50
HOTSPOT
You need to insert markup at line SD06 to cache the client documents.
How should you complete the relevant markup? To answer, select the appropriate option or options in the answer area.

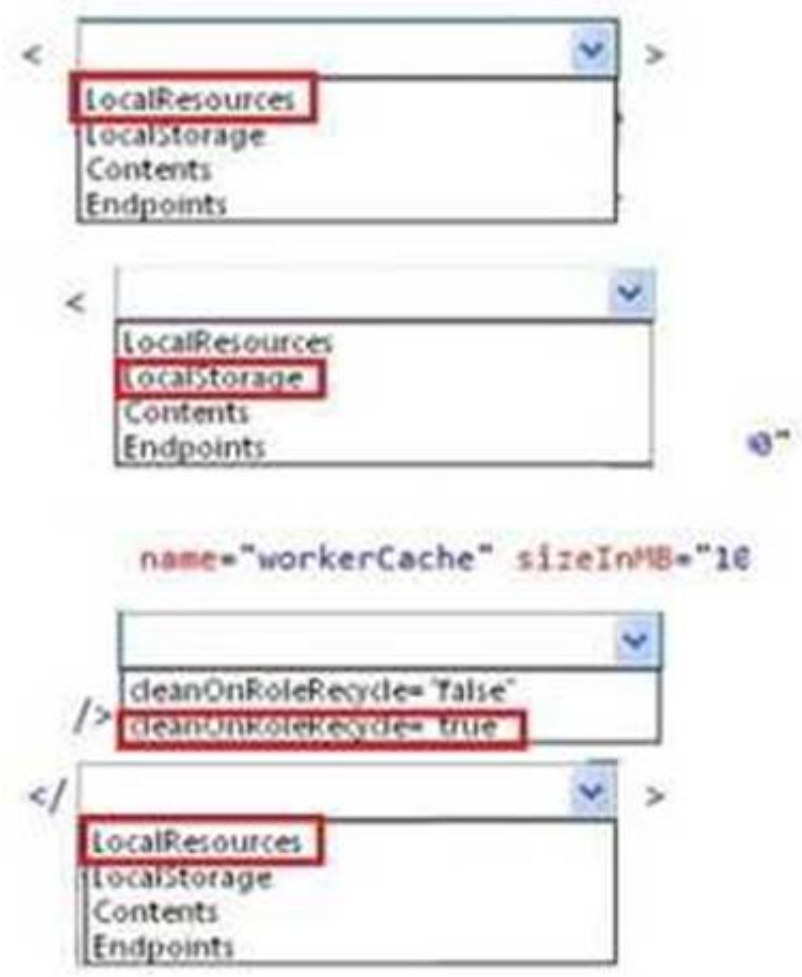
Answer Area



Answer:

Explanation:

Answer Area



Case Study: 5
Fabrikam
Background
You are a developer for Fabrikam, a company that specializes in payment processing. Fabrikam is developing a solution to process payments for various events, such as music concerts. You develop an ASP.NET MVC website that is hosted in Azure to support an upcoming music concert. The music concert is expected to generate a large volume of ticket sales in a short amount of time.
The website uploads information to an Azure storage queue. A worker role in Azure retrieves information from the queue and generates the concert tickets in a PDF file form.it after the financial transaction is approved.
You observe a delay between the time the website adds a message to a queue and the time it becomes available to read from the queue. After examining the queue, you determine that no queue messages have a DequeueCount value greater than zero. The website does not throw any errors.
Business Requirements
Payments
music concert website must be able to submit event payment information for processing. The website must remain responsive while submitting payment

information. Customers must be able to add notes about their orders to a free-form control on the website. These notes must be submitted wtth tne payment when tne customer submits an order.
Customers often enter notes that exceed 7 KB in size.
Technical Requirement
Payment Submission and processing
Event payment information must be sent from the website to a Windows Communication Foundation (WCF) service worker role. The worker role must submit the information to the payment processor in JSON format.
Payment Processing
You have the following payment processing requirements:
*If the number of messages in a queue goes above or below a specified threshold, worker
role instances must be created or deleted as needed. This process must be completed by using the least amount of effort It must be easy to reconfigure role instance thresholds.
*Payments must be retrieved from the queue in the maximum batch sizes that are allowed by the queue and pulled from the queue for 5 minutes.
*The payment queue must not be re-created when processing payments.
*During single Payment processing, the number of tickets available for an event must be updated. The update operation must be retried for 30 seconds or 5 retry attempts, whichever occurs first. Each retry should pause for at least two seconds and for one second longer than the previous attempt. If the update fails, the payment should be placed in the poison queue. Storage
You have the following storage requirements:
*Payment information must be stored by using Azure Queue storage. Connection to the Azure storage account has been established in a configured setting named StorageConnectionString, which is configured for the web and worker roles.
* A payment processing queue and a poison payment queue must be used when processing payments.
* Azure Queue message content must be XML-safe and UTF-8 encoded.
* An Azure storage account must be established for diagnostic information in a configured setting named DiagnosticsStoragcConnectionString, which is configured for both the web
and roles.
Security and Monitoring
Security
The web role must be secured by using HTTPS.
Monitoring
You must collect diagnostic data for both the web and worker roles by using the Diagnostics module. Diagnostics configuration changes must not require the code of the roles to be rebuilt. The diagnostic data is used for debugging and troubleshooting, measuring performance, monitoring resource usage, traffic analysis and capacity planning, and auditing.
Performance testing must evaluate the roles under normal and stress conditions without incurring charges for running Azure. Memory allocation, function time, and multithreading concurrency issues must be evaluated.
Deployment
You purchase a custom domain name fabrikamfunding.com to host the website, web role, and worker roles. You must deploy an HTTPS certificate with the web role, and you must update associated configuration files accordingly.
Web role and worker role instance sizes must be specified as Medium. You must deploy one web role instance named FabrikamFundingPaymentGenerator, and worker role instances named FabrikamFundingPayment Processor.
Application Structure
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.

CustomRetryPolicy.cs

```
CR01 public class CustomRetryPolicy : IRetryPolicy
CR02 {
CR03     int_retryCount = 0;
CR04     readonly TimeSpan _baseInterval= TimeSpan.FromSeconds(1);
CR05     readonly string _poisonPaymentQueueName;
CR06     private readonly CloudQueueClient _queueClient;
CR07     private readonly EventPayment _eventPayment;
CR08     public CustomRetryPolicy(string poisonPaymentQueueName, CloudQueueClient
queueClient, EventPayment eventPayment)
CR09     {
CR10         _poisonPaymentQueueName = poisonPaymentQueueName;
CR11         _queueClient = queueClient;
CR12         _eventPayment = eventPayment;
CR13     }
CR14     public IRetryPolicy CreateInstance()
CR15     {
CR16         return new CustomRetryPolicy(_poisonPaymentQueueName, _queueClient,
_eventPayment);
CR17     }
CR18 }
```

Event.cs

```
EV01 public class Event : TableEntity
EV02 {
EV03     public int AvailableTickets { get; set; }
EV04 }
```

EventPayment.cs

```
EP01 [DataContract]
EP02 public class EventPayment
EP03 {
EP04     [DataMember]
EP05     public int EventId { get; set; }
EP06     [DataMember]
EP07     public string Email { get; set; }
EP08     [DataMember]
EP09     public string Notes { get; set; }
EP10     [DataMember]
EP11     public int TicketCount { get; set; }
EP12     [DataMember]
EP13     public DateTime OrderDate { get; set; }
EP14     [DataMember]
EP15     public Guid EventPaymentId { get; set; }
EP16 }
```

QueueManager.cs

```
QM01 public class QueueManager
QM02 {
QM03     private readonly CloudQueueClient _queueClient;
QM04     private readonly CloudTableClient _tableClient;
QM05     private const string PaymentQueueName = "paymentqueue";
QM06     private const string PoisonPaymentQueueName = "poisonpaymentqueue";
QM07     public QueueManager()
QM08     {
QM09         var storageAccount = CloudStorageAccount.Parse(
QM10         CloudConfigurationManager.GetSetting("StorageConnectionString"));
QM11         _queueClint = storageAccount.CreateCloudQueueClient();
QM12         _tableClint = storageAccount.CreateCloudTableClient();
QM13     }
QM14     public async Task SendMessageAsync(EventPayment eventPayment)
QM15     {
QM16         ...
QM17     }
QM18     public async Task ProcessMessagesAsync()
QM19     {
QM20         ...
QM21     }
QM22     public async Task ProcessPayment(EventPayment eventPayment)
QM23     {
QM24         var events = _tableClient.GetTableReference("events");
QM25         var key = eventPayment.EventId.ToString();
QM26         var operation = await events.ExecuteAsync(TableOperation.Re-
trieve<Event> (key, key));
QM27         var @event = operation.Result as Event;
QM28         @event.AvailableTickets = @event.AvailableTickets - eventPay-
ment.TicketCount;
QM29         var requestOptions = new TableRequestOptions
QM30         {
QM31             RetryPolicy = new CustomRetryPolicy(
QM32                 PoisonPaymentQueueName,
QM33                 _queueClient,
QM34                 eventPayment),
QM35         };
QM36         var context = new OperationContext
QM37         {
QM38             StartTime = DateTime.Now,
QM39         };
QM40         await events.ExecuteAsync(TableOperation.Replace(@event),
requestOptions, context;
QM41     }
QM42 }
```

NEW QUESTION 55
The SendMessageAsync method of the QueueManager class occasionally throws errors.
You need to correct the errors. What should you do?

A. Update the QueueManager to use the Put Message operation of the Queue Service REST AP
B. Use HTTP compression for all calls made to the REST API.
C. Encode the notesfield content by using UTF-32 encoding.
D. UpdateSendMessageAsyncmethod of the QueueManagerclass to store the notesfield in BLOB storag
E. Update the EventPaymentclass to store the BLOB uniform resource identifier (URI). Extract the notes BLOB information by using the BLOB URI in the ProcessMessagesAsyncmethod of the QueueManagerclass.
F. Update the notesfield to a byte arra
G. Binary encode and decode the notescontent when sending or receiving an EventPaymentclass.

Answer: C

NEW QUESTION 60
DRAG DROP
You are developing an ASP.NET Web App that makes a large number of calls to Azure Blob storage.
You observe that the app suffers from Azure Blob storage throttling.
You need to resolve throttling failures when loading data from Azure Blob storage.

What should you do? To answer, drag the appropriate code segment to the correct location. 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.

400
403
500
503
waitMillisecnd * 2;
waitMillisecnd + 2;

Answer Area

```
var sasBlobUri = "..." ;
var waitMillisecond = 1000;
while (true) {
  using (var client = new System.Net.Http.HttpClient())
  {
    var response = await client.GetAsync(sasBlobUri );
    if (response.IsSuccessStatusCode)
    {
      return await response.Content.ReadAsByteArrayAsync();
    }
    else
    {
      var statusCode = ( int)response.StatusCode;
      if (statusCode = =                    )
        || statusCode = =                    )
      {
        waitMillisecond =
        await Task .Delay(waitMillisecond)
      }
      else
      {
        response.EnsureSuccessStatusCode();
      }
    }
  }
}
```

Answer:

Explanation:

400
403
500
503
waitMillisecnd * 2;
waitMillisecnd + 2;

Answer Area

```
var sasBlobUri = "..." ;
var waitMillisecond = 1000;
while (true) {
  using (var client = new System.Net.Http.HttpClient())
  {
    var response = await client.GetAsync(sasBlobUri );
    if (response.IsSuccessStatusCode)
    {
      return await response.Content.ReadAsByteArrayAsync();
    }
    else
    {
      var statusCode = ( int)response.StatusCode;
      if (statusCode = = 500
        || statusCode = = 503 )
      {
        waitMillisecond = waitMillisecnd * 2;
        await Task .Delay(waitMillisecond)
      }
      else
      {
        response.EnsureSuccessStatusCode();
      }
    }
  }
}
```

NEW QUESTION 63
You need to diagnose the of the performance issues when preparing concert tickets.
Which two actions should you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Examine the Storage Logging logs for any queue operations that have higher than expected latency.
B. Examine the Storage Client Library logs to determine whether there is a decrease in the total number of requests for storage operations.
C. Examine the diagnostic message logs for the worker role to determine whether the worker role is failing to process messages.
D. Examine the Storage Client Library logs to determine whether there are repeated retries for storage operations.

Answer: AD

Explanation: References: https://docs.microsoft.com/en-us/azure/storage/storage-monitoring-diagnosing- troubleshooting#you-are-experiencing-unexpected-delays-in-message-

NEW QUESTION 67
DRAG DROP
You need to implement the ProcessPaymentAsync method in the QueueManager class. Develop the solution by selecting and arranging the required code blocks in the correct order. NOTE: You will not need all of the code segments.

Code segments

```
while (true)
{
var messages =
await queue.GetMessagesAsyn-
c(32, TimeSpan.FromMinutes(5),
null, null);
foreach (var mesage in messag-
es.Where(message => message !=
null))
{
```

```
var eventPayment = JsonConvert.
DeserializeObject<EventPayment>
message.AsString);
```

```
await queue.DeleteMessageAsync
(message);
}
}
}
```

```
public async Task ProcessPay-
mentsAsync()
{
var queue = _queueClient.Get-
QueueReference (Payment-
QueueName);
await queue.CreateAsync();
```

```
public async Task ProcessPay-
mentsAsync()
{
var queue = _queueClient.Get-
QueueReference (Payment-
QueueName);
await queue.CreateIfNotEx-
istsAsync();
```

```
await ProcessPayment
(eventPayment);
```

Answer Area

Answer:

Explanation:

Code segments

```
while (true)
{
var messages =
await queue.GetMessagesAsyn-
c(32, TimeSpan.FromMinutes(5),
null, null);
foreach (var mesage in messag-
es.Where(message => message !=
null))
{
```

```
var eventPayment = JsonConvert.
DeserializeObject<EventPayment>
message.AsString);
```

```
await queue.DeleteMessageAsync
(message);
}
}
}
```

```
public async Task ProcessPay-
mentsAsync()
{
var queue = _queueClient.Get-
QueueReference (Payment-
QueueName);
await queue.CreateAsync();
```

```
public async Task ProcessPay-
mentsAsync()
{
var queue = _queueClient.Get-
QueueReference (Payment-
QueueName);
await queue.CreateIfNotEx-
istsAsync();
```

```
await ProcessPayment
(eventPayment);
```

Answer Area

```
public async Task ProcessPay-
mentsAsync()
{
var queue = _queueClient.Get-
QueueReference (Payment-
QueueName);
await queue.CreateIfNotEx-
istsAsync();
```

```
while (true)
{
var messages =
await queue.GetMessagesAsyn-
c(32, TimeSpan.FromMinutes(5),
null, null);
foreach (var mesage in messag-
es.Where(message => message !=
null))
{
```

```
await ProcessPayment
(eventPayment);
```

```
await queue.DeleteMessageAsync
(message);
}
}
}
```

Case Study: 6
ProseWare Inc Background:
You are a developer for ProseWare Inc., a software-as-a-service (SaaS) company that
provides comment system that websites use to allow for end users to post comments associated with a webpage or topic on a customer's website.
Business requirements
Moderation:
The moderation of comments is a feature of the software, and usually involves the editing of a comment.
Only users who have accounts in a group in Azure Active Directory (Azure AD) have the ability moderate. External users can also become moderators, but only by explicit invitation. Any moderation action must include the name of the moderator.
Comment navigation:
Each comment is identified by a unique string consisting of a random string of characters. Within the body of a comment, internal links to other comment threads can be specified using the link format: "/<parent comment id> / <child comment id>"
Comment search:
Comments can be searched using Azure Search. Searches must do the following:
? Searching for email addresses must match email addresses in comments.
? Searching must work for the client's language.
? Internal links to other comments using the link format should be searched.
Content screening:
Comment content is screened for inappropriate language, length, and topic using content analysis. Content must be screened, but can appear prior to be screened.
Mobile App:
The moderation functionality can be accessed using a Universal Windows Platform (UWP) app named ProsewareApp. The app includes functionality that notifies moderators when changes are made to a comment they modified.
Export:
Customers can perform an export of all comments to a customer supplied Microsoft OneDrive folder on demand. The export functionality is implemented as an

Azure Logic App, and it must be able to be triggered by the customer from their local network. Interaction agents:
Interaction agents are parts of the system that interact with comment threads. The main purpose is to modify a comment's body based on the contents of the comment. For example, one of the agents is WikiAgent, which adds links to Wikipedia articles when it sees text in the comment body that exactly matches a Wikipedia article title. Interaction Agents are implemented in Service Fabric.
Interaction agents must meet the following requirements:
? Only successfully process each comment once
? Any errors encountered during the processing of a comment should be retried
? Must run on systems that allow for custom applications to be installed
? run in a VNet or private network space
? Must be run on a system that can scale up and down based on demand
? A single user's usage of Interaction Agents must not impact other users' usage of Interaction Agents
Technical requirements Authentication:
ProseWare Inc. allows for user authentication through Azure AD and Twitter.
Storage:
The application runs as a Web App on Azure. Comments are stored in an Azure DocumentDB database named "Proseware".
Performance:
The product includes a service level agreement (SLA) for individual method performance. All data retrieval methods must return within 100ms 99% of the time.
API:
The ProseWare Inc. API is made available to public callers using an Azure API App. Azure AD and Twitter are the Authentication Providers.
Application structure CommentController.cs:

```
CC01 [Route("api/[controller]")]
CC02 public class CommentController : Controller
CC03 {
CC04   private IDatabase _redis;
CC05   private DataStore _dataStore;
CC06   private CloudQueue _queue
CC07
CC08   public CommentController ()
CC09   {
CC10     _queue = CloudStorageAccount.Parse(" ").Create-
CloudQueueClient().GetQueueReference ("commentQueue");
CC11     _redis = ConnectionMultiplexer.Connect("…").GetData-
base();
CC12     _dataStore = new DataStore();
CC13   }
CC14
CC15   [HttpGet("{commentId}")]
CC16   public async Task<Comment> Get(string commentId)
CC17   {
CC18     var cached = await _redis.StringGetAsync(commentId);
CC19     if (cached.HasValue)
CC20     {
CC21       return JsonConvert.DeserializeObject<Com-
ment>(cached.ToString());
CC22     }
CC23     return await _dataStore.LoadAsync(commentId);
CC24   }
CC25
CC26   [HttpGet]
CC27   public IEnumerable<Comment> GetChildComments(string com-
mentId)
```

```
CC28  {
CC29    IEnumerable<Comment> result = null;
CC30
CC31    if (result = = null)
CC32    {
CC33      result = _dataStore.LoadThread(commentId);
CC34    }
CC35    return results;
CC36  }
CC37
CC38  [HttpPost]
CC39  public async Task<IActionResult> New([FromBody]Comment
comment)
CC40  {
CC41    await Save(comment);
CC42    return Ok();
CC43  }
CC44
CC45  [HttpPost]
CC46  public async Task<IActionResult> Reply(string inRe-
sponseTo, [FromBody]Comment comment)
CC47  {
CC48    comment.InResponseTo = inResponseTo;
CC49    await Save(comment);
CC50    return View();
CC51  }
CC52
CC53  private static Comment Convert(string json)
CC54  {
CC55    return JsonConvert.DeserializeObject<Comment>(json);
CC56  }
CC57
CC58  private async Task Save(Comment comment, string moderator-
Name = null)
CC59  {
CC60    comment.Moderator = moderatorName;
CC61    var json = JsonConvert.SerializeObject(comment);
CC62    _redis.StringSet(comment.Id, json);
CC62
CC63
CC64    await _queue.AddMessageAsync(new CloudQueueMessage(com-
ment.Id));
CC65    _dataStore.Save(comment);
CC66  }
CC67 }
```

cleaner.csx:

```
CL01 #r "Newtonsoft.Json"
CL02
CL03 using System;
CL04 using Newtonsoft.Json;
CL05 using Newtonsoft.Json.Linq;
CL06 public static void Run(string commentId, object result,
TraceWriter log)
CL07 {
CL08 dynamic comment = JOBject.Parse(item);
CL09 …
CL10 result = comment;
CL11 }
```

```
CA01 public interface ICommentAgent: IActor
CA02   {
CA03 Task<string> ModifyCommentText(string id, string body,
string title);
CA04   }
```

WikiAgent.cs:

```
WA01 [StatePersistence(StatePersistence.Persisted)]
WA02 internal class WikiAgent : Agent, ICommentAgent
WA03 {
WA04 public WikiAgent(ActorService, ActorId id) : base(service,
id) {}
WA05 public async Task<string> ModifyCommentText(string id,
string body, string title)
WA06 {
WA07    try
WA08    {
WA09
WA10      var newBody = scanForLinks(body);
WA11
WA12      return newBody;
WA13    }
WA14    catch
WA15    {
WA16
WA17      throw
WA18    }
WA19  }
WA20 }
```

Comment.cs:

```
CO01 public class Comment
CO02 {
CO03    public string Id {get; set;}
CO04    public string UserId {get; set;}
CO05    public string InResponseTo {get; set;}
CO06    public string Title {get; set;}
CO07    public DateTimeOffset Date {get; set;}
CO08    public string Body {get; set;}
CO09    public string Moderator {get; internal; set;}
CO10 }
```

DataStore.cs:

```
DS01 public class DataStore
DS02 {
DS03   private const string EndpointUrl = "https:
//proseware.documents.azure.com:443/";
DS04   private const string PrimaryKey = "";
DS05   private const string db = "Proseware";
DS06   private const string col = "Comments";
DS07   private DocumentClient client;
DS08
DS09   public DataStore()
DS10   {
DS11     client = new DocumentClient(new Uri(EndpointUrl), Pri-
maryKey);
DS12   }
DS13
DS14   public async Task<Comment> LoadAsync(string commentId)
DS15   {
DS16     var uri = UriFactory.CreateDocumentCollectionUri(db,
col);
DS17     return await client.ReadDocumentAsync<Comment>(UriFac-
tory.CreateDocumentUri(db, col, commentId));
DS18   }
DS19
DS20   public async void Save(Comment comment)
DS21   {
DS22     var uri = UriFactory.CreateDocumentCollectionUri(db,
col, comment.Id);
DS23     await client.UpsertDocumentAsync(uri, comment);
DS24   }
DS25   public IEnumerable<Comment> LoadThread(string commentId)
DS26   {
DS27     var uri = UriFactory.CreateDocumentCollectionUri(db,
col);
DS28     return client.CreateDocumentQuery<Comment>(uri).Where(f
=> f.Id == commentId);
DS29   }

}
```

MainPage.xaml.cs:

```
MP01 public sealed partial class MainPage : Page
MP02 {
MP03   public MainPage()
MP04   {
MP05     InitializeComponent();
MP06   }
MP07
MP08   private async void StartNotify()
MP09   {
MP10   }
MP11
MP12   private void UpdateUI()
MP13   {
MP14   }
MP15 }
```

NEW QUESTION 68
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 need to ensure that moderators can be added to the system. Which authentication approach should you use?

A. Microsoft Office 365 directory
B. Azure AD self-service signup
C. Azure AD Organizational Units (OU)

D. Active Directory Federation

Answer: C

NEW QUESTION 73
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, will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You need to implement the infrastructure for the Interaction Agents.
Solution: Create a Service Fabric cluster with Bronze durability and reliability tiers. Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 78
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 need to implement the infrastructure for the Interaction Agents.
Solution: Create a set of Azure virtual machines (VMs) using Azure Resource Manager (ARM) templates, and use Chef to install the Service Fabric runtime.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 81
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
you 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 need to implement the infrastructure for the Interaction Agents.
Solution: Create an Azure Container Service cluster and create a container for running Service Fabric.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 82
DRAG DROP
You need to add JSON code to the bindings file to ensure that comments are screened.
How should you complete the JSON code segment? To answer, drag the appropriate JSON segments to the correct locations. Each JSON 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.

JSON fragments

- bindings
- triggers
- commentId
- result
- Proseware
- Proseware/Comments
- commentQueue
- storage/commentQueue

Answer area

```
{
    " [JSON fragment] ":[
        {
            "type": "queueTrigger",
            "name": " [JSON fragment] ",
            "direction": "in",
            "queueName": " [JSON fragment] ",
            "connection": "_"
        },
        {
            "type": "documentDB",
            "name": " [JSON fragment] ",
            "databaseName": " [JSON fragment] ",
            "collectionName": "Comments",
            "createIfNotExists": false,
            "connection": "...",
            "direction": "out"
        }
    ],
    "disabled": false
}
```

Answer:

Explanation:

JSON fragments

- bindings
- triggers
- commentId
- result
- Proseware
- Proseware/Comments
- commentQueue
- storage/commentQueue

Answer area

```
{
    " [bindings] ":[
        {
            "type": "queueTrigger",
            "name": " [commentId] ",
            "direction": "in",
            "queueName": " [commentQueue] ",
            "connection": "_"
        },
        {
            "type": "documentDB",
            "name": " [result] ",
            "databaseName": " [Proseware] ",
            "collectionName": "Comments",
            "createIfNotExists": false,
            "connection": "...",
            "direction": "out"
        }
    ],
    "disabled": false
}
```

NEW QUESTION 84
You need to create the index for comment search.
Which set of tokenizers should you enable?

A. classicpath_hierarchy_v2microsoft_language_steming_tokenizer
B. classicnGrammicrosoft_language_tokenizer
C. uax_url_emailpath_hierarchy_v2microsoft_language_tokenizer
D. uax_url_emailkeyword_v2nGram

Answer: C

Explanation: Case Study: 7
LitWare, Inc Background
You are a developer for LitWare, Inc., a game development company. You are developing a
backend service for an online social gaming platform named GamerData. The game is built around point generators, which associated with physical landmarks. Players claim point generators which give them a set amount of points per day.
Business Requirements
Mobile App
The game itself runs on various mobile devices and is developed by TailSpin Toys, a company that specializes in mobile game development. The mobile app will periodically make calls to the GamerData service to find the five closest point generators that are located less than the specified distance from the player's current location. If no point generators are found, the search distance increases until one is found.
The mobile app shows all the point generators owned by each player. The mobile app allows for each player to search for claimed point generators by player name. This search does not require exact spelling of names. The details for each claimed generator is shown in the app. When a player claims a point generator, they should receive an email notification. An Azure Function named EmailPlayer has been developed to email players with details about recently claimed point generators.
Sponsors
The platform allows business to sponsor point generators within a business location.
Reports
A report named Daily Sponsor Report must be generated each day at midnight. The report must contain a section for each sponsor. Each sponsor section must contain two subsections. The first subsection of the report contains the names of the point generators for that sponsor, ordered by the last time the point generator was claimed. The second subsection contains the current owners for each of the point generators for the sponsor. Generation of reports must not impact the GamerData service.
Technical Requirements
GamerData Service
All data for the GamerData service is stored in an Azure DocumentDB instance named GamerData. Business and players interact with the service by using a REST API.
The REST API must:
? Produce valid Swagger API specifications for non-obsolete actions.
? Be optimized for loading specific point generators.
? Follow REST best practices.
? Include appropriate terms of service. Costs for all Azure services must be minimized.
Build and Deployment
The GamerData service will be deployed to Azure in a private VNet.
Security
Sponsors have accounts in an Azure Active Directory (Azure AD) with business-to-consumer (B2C) enabled named litwaregamerdata.onmicrosoft.com managed by Litware, Inc. for both
GamerData and LitWare, Inc. services.
Only Litware, Inc. developers and automated testing tools should be able to directly access the GamerData service. All other use of the service must be through Azure API Management. A description of the security practices used during development, available on Microsoft SharePoint, must be available to users of the API under the terms of service.
Reporting
Azure Search will be used as the source for running reports. The properties of indexes in Azure Search must match the names of the properties in DocumentDB.
Performance
The Azure DocumentDB must not be used for reporting purposes. All services must perform queries in the data store when possible.
Application Structure
Startup.cs
Relevant portions of the files are shown below. (Line numbers in the code segments are included for reference only and include a two-character prefix that denotes the specific file to which they belong.)

```
SP01 public class Startup
SP02 {
SP03     public IConfigurationRoot Configuration { get; }
SP04     public Startup(IHostingEnvironment env)
SP05     {
SP06         var builder = new ConfigurationBuilder().SetBasePath(env.ContentRoot-
Path).AddJsonFile ("appsettings.json");
SP07         Configuration = builder.Build();
SP08     }
SP09     public void ConfigureServices(IServiceCollection services)
SP10     {
SP11         services.AddMvc();
SP12         Services.AddSwaggerGen();
SP13     }
SP14     public void Configure(IApplicationBuilder app, IHostingEnvironment env,
ILoggerFactory loggerFactory)
SP15     {
SP16         app.UseMvc();
SP17         app.UseSwagger();
SP18     }
SP19 }
```

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

```
PC01 [Route("api/pointgen")]
PC02    public class PointGeneratorController : Controller
PC03    {
PC04        private static readonly string DatabaseName = "GamerData";
PC05        private static readonly string CollectionName = "PointGenerators";
PC06        private static readonly string EndpointUrl = "...";
PC07        private static readonly string AuthorizationKey = "...";
PC08
PC09        [HttpGet("{name}")]
PC10        public async Task<PointGenerator> Get(string name)
PC11        {
PC12            using (var client = new DocumentClient(new Uri(EndpointUrl),
AuthorizationKey))
PC13            {
PC14                var response = await client.ReadDocumentAsync(UriFactory.Create-
DocumentUri(DatabaseName, CollectionName, name));
PC15                return (PointGenerator)(dynamic)response.Resouce;
PC16            }
PC17        }
PC18
PC19        [Route("nearby")]
PC20        [HttpGet]
PC21        public IEnumerable<pointGenerator> Nearby(double longitude, double
latitude, long minDistance)
PC22        {
PC23            var location = new Point(longitude, latitude);
PC24            using (var client = new DocumentClient(new Uri(EndpointUrl),
AuthorizationKey))
PC25            {
PC26
PC27            }
PC28        }
PC29
PC30        public async Task<PointGenerator> Update[FromBody] PointGenerator pg)
PC31        {
PC32            using (var client = new DocumentClient(new Uri(EndpointUrl),
AuthorizationKey))
PC33            {
PC34                var collection = await GetCollection();
PC35                await client.UpsertDocumentAsync(collection.SelfLink, pg);
PC36                return pg;
PC37            }
PC38        }
PC39        private static async Task<DocumentCollection> GetCollection()
PC40        {
PC41            ...
PC42        }
PC43    }
```

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

```
PG01 public class PointGenerator
PG02    {
PG02
PG04        public string Name { get; set; }
PG05        [JsonProperty("currentOwner")]
PG06        public string CurrentOwner { get; set; }
PG07        [JsonProperty("sponsor")]
PG08        public string Sponsor { get; set; }
PG09        [JsonProperty("dateLastClaimed")]
PG10        public DateTimeOffset DateLastClaimed { get; set; }
PG12        [JsonProperty("location")]
PG12        public Point Location { get; set; }
PG13    }
```

NEW QUESTION 88
You need to decrease the amount of time it takes to query point generators by configuring API management caching.
In the Azure portal, which value should you use for the Vary by Query string parameters setting?

A. name
B. longitude;latitude;minDistance
C. longitude;latitude;dateLastClaimed
D. Id

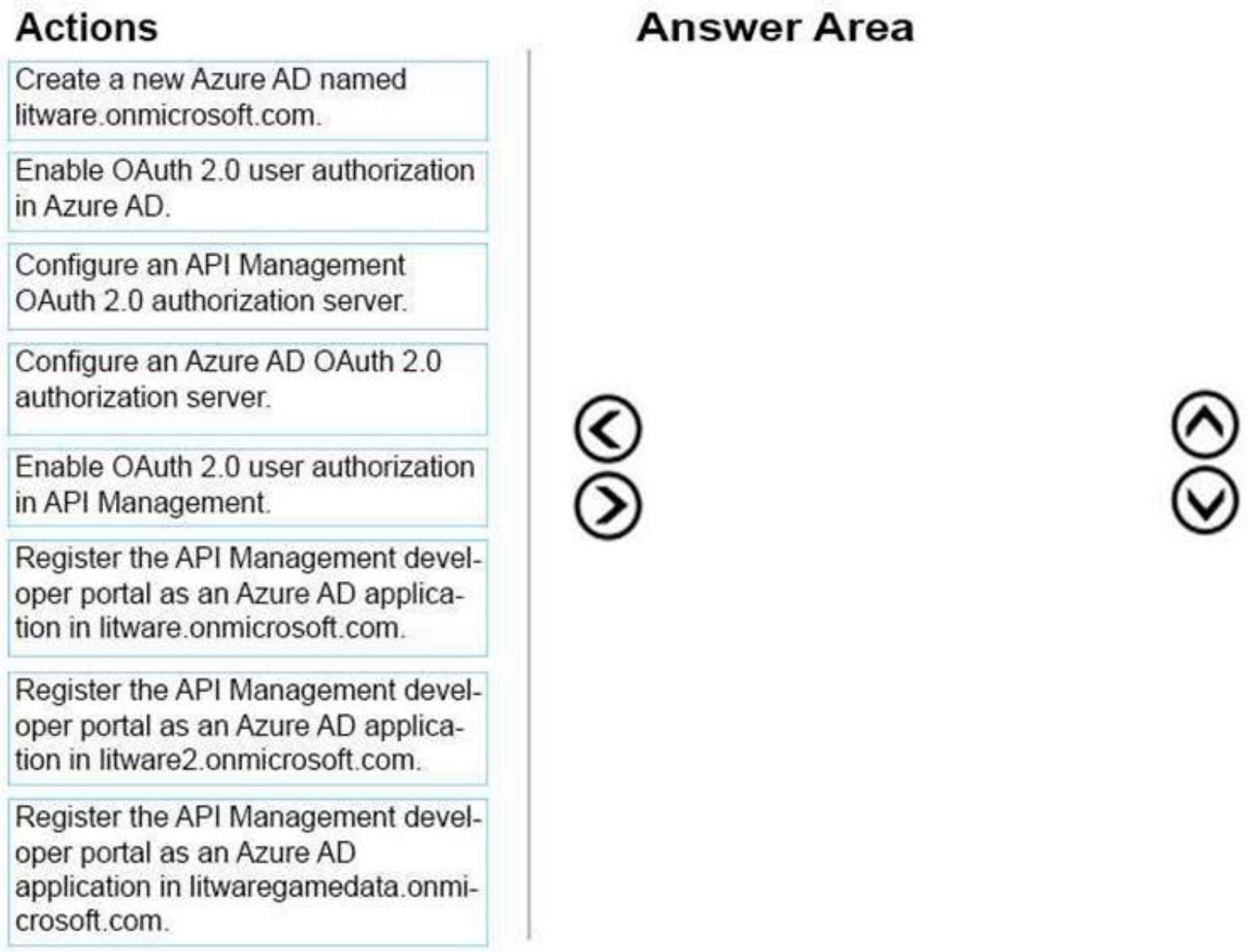
Answer: B

NEW QUESTION 93
You need to write an Azure Search Query to return data for the first subsection of the Daily Sponsor Report.
Which query string should you use?

A. facets=currentOwner&sort=dateLastClaimed
B. $filter=sponsor&sort=dateLastClaimed
C. search=currentOwner&sort=dateLastClaimed
D. group=sponsor&sort=dateLastClaimed
E. facets=sponsor&sort=dateLastClaimed

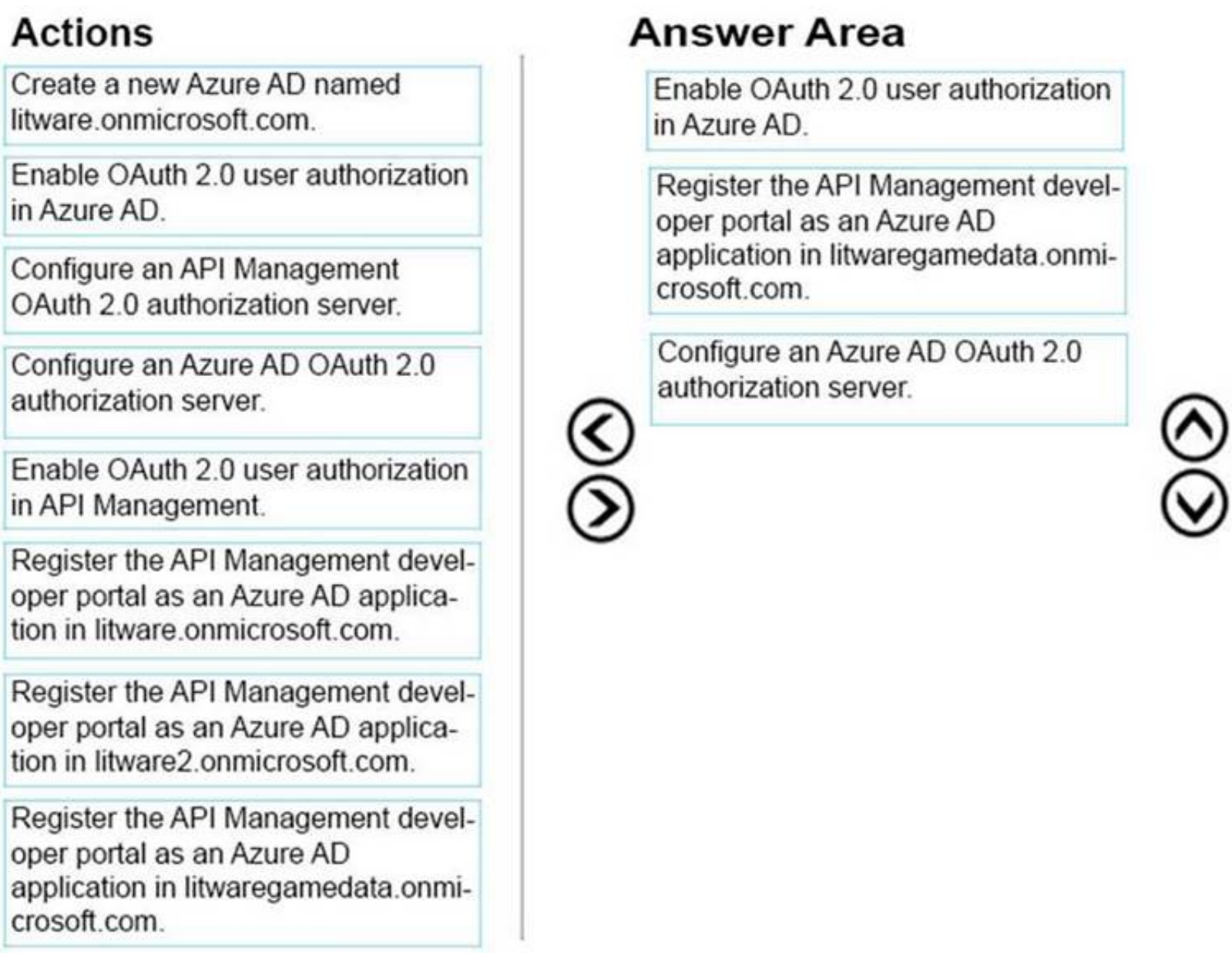
Answer: C

NEW QUESTION 94
DRAG DROP
You need to ensure that sponsors can interact the GamerData service by using the same credentials as they use for other LitWare, Inc. services.
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 97
You need to add a routing constraint.
Which code segment should you add at line PC29?

A. [HttpDelete]
B. [HttpPost]
C. [HttpOptions]
D. [HttpsHead]

Answer: B

NEW QUESTION 101
HOTSPOT
You need to write a method to return the email address for a given sponsor.
What should you do? To answer, drag the appropriate code segment to the correct location. 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.

Code segments

```
https://graph.windows.net/litwaregamerdata
```

```
https://litwaregamerdata.onmicrosoft.com/graph
```

```
https://graph.windows.net/litwareinc
```

```
https://litwareinc.onmicrosoft.com/graph
```

```
/users?api-version=1.6&$filter=displayName eq \'{pg.Sponsor}\'
```

```
/users?api-version=1.6&$filter=displayName eq \'{pg.CurrentOwner}\'
```

```
result.value[0].mail
```

```
result.value[0].sipProxyAddress
```

Answer Area

```
private async Task<string> getEmail(PointGenerator pg, string accessToken)
{   var url = "                                                                    ";
    url += $"                                                                    ";
    var http = new HttpClient ();
    var request = new HttpRequestMessage(HttpMethod .Get, url);
    request.Headers.Authorization =
        new AuthenticationHeaderValue("Bearer", accessToken);
    var response = await http.SendAsync(request);
    dynamic result =
        JsonConvert.DeserializeObject(await response.Content.ReadAsStringAsync());

    return                                                                    ;
}
```

Answer:

Explanation:

Code segments

```
https://graph.windows.net/litwaregamerdata
https://litwaregamerdata.onmicrosoft.com/graph
https://graph.windows.net/litwareinc
https://litwareinc.onmicrosoft.com/graph
/users?api-version=1.6&$filter=displayName eq \'{pg.Sponsor}\'
/users?api-version=1.6&$filter=displayName eq \'{pg.CurrentOwner}\'
result.value[0].mail
result.value[0].sipProxyAddress
```

Answer Area

```
private async Task<string> getEmail(PointGenerator pg, string accessToken)
{   var url = " https://graph.windows.net/litwaregamerdata ";
    url += $" /users?api-version=1.6&$filter=displayName eq \'{pg.Sponsor}\' ";
    var http = new HttpClient ();
    var request = new HttpRequestMessage(HttpMethod .Get, url);
    request.Headers.Authorization =
        new AuthenticationHeaderValue("Bearer", accessToken);
    var response = await http.SendAsync(request);
    dynamic result =
        JsonConvert.DeserializeObject(await response.Content.ReadAsStringAsync());
    return result.value[0].mail ;
}
```

NEW QUESTION 102
HOTSPOT
You need to create the Azure Search index.
How should you configure the Azure Search index? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

FIELD NAME	TYPE	RETRIEVABLE	FILTERABLE	SORTABLE
currentOwner	Edm.String	✔	☐	☑
sponsor	Edm.String	✔	☐	☑
dateLastClaimed	Edm.DateTimeOffset	✔	☐	☑

Answer:

Explanation:

FIELD NAME	TYPE	RETRIEVABLE	FILTERABLE	SORTABLE
currentOwner	Edm.String	☑	☐	☑
sponsor	Edm.String	☑	☐	☑
dateLastClaimed	Edm.DateTimeOffset	☑	☐	☑

Case Study: 8
Fourth Coffee
Background
You are a developer working for Fourth Coffee, a company that sells coffee and coffee accessories through an Azure-based website and retail locations. Features of the website include the ability to write product reviews, comment on reviews and find whether a particular product is available a specific retail location.
Fourth Coffee licenses a product from Contoso, Ltd, that provides an Azure-based website for users in Japan. The website includes reviews and comments. All comments and product reviews are shared between Fourth Coffee's website and the Japanese website.
Business Requirements
Product Reviews
User-submitted product reviews are provided by Contoso and are stored in the Japanese language in an HTML file format. When a review is submitted, you must remove specific keywords from the review and translate the review to the English language before you load the review onto the Fourth Coffee website. Translation processing and migration must occur with a minimum delay.
Product reviews can be loaded by third party websites, but only after they are processed and reviewed by Fourth Coffee employees. Reviews can be loaded up to one year after they are made public on the Fourth Coffee website.
Comments
Users can post comments about product reviews. After a comment is posted, all other users who comment on that product receive a notification on their Android or Windows Phone device.
Requirements
Product Reviews
The product reviews from Contoso are stored as HTML files in BLOB storage with the format "/reviews/<guid>html".
Fourth Coffee stores reviews in BLOB storage, with the format "/users/reviews/<guid>.md" where <guid> matches the file name of the review. After a Fourth Coffee employee approves the review, a metadata property named Reviewed with the value true is set on the BLOB. Some product reviews contain language-specific terms that require additional processing. The additional processing is done by a python script named cleanup.py. The script relies on a data file names term.data that contains terms and their replacement values. All running instances of the script must use the same instance of the data file.
Security
To simplify the security configuration, Contoso and Fourth Coffee agree to configure the website and services to allow for communication between the services without the traffic being visible on the public Internet.
To prevent third parties from harvesting review data, whenever the system returns public reviews, it records the IP address of the request and increments a count of the times that data is retrieved from a particular IP address. If an IP address makes more than 10 requests a minute, the client must be redirected to a static page named ratelimit.html.
Azure
The Fourth Coffee website and related services that run on Azure are located in the US West region and are on a single virtual network named Main with the address 10.1.0.0/16.
The Contoso website and related services that run on Azure are located in the Japan West region and are on a single virtual network named CT with the address 10.2.0.0/24. Comments
Product review comments must be processed, at most, one time. When a comment is posted, it must be associated with the identity of the user who posted the comment. Product review comments are indexed by a web service that accepts the body of the comment in an HTTP POST. When comments are ported, they must be indexed for search within 15 minutes. Each comment must be indexed exactly once. All mobile device notifications are sent by using the Azure Notification Hub service.
Application Structure
CommentIndexer.cs
Relevant portions of the CommentIndexer.cs file are shown below. Line numbers are
included for reference only and include a two-character prefix that denotes the specific file to which the code belongs.

```
CI01 public class CommentIndexer
CI02 {
CI03     public static void ProcessQueueMessage (
CI04         [ServiceBusTrigger("comments")] BrokeredMessage message)
CI05     {
CI06         var searchRequest = WebRequest.Create("http://10.1.1.24/search");
Ci07         searchRequest.Method = "POST";
CI08
CI09         var comment = message.GetBody<string>();
CI10         using (var req = searchRequest.GetRequestStream())
CI11         {
CI12             using (var tw = new StreamWriter(req))
CI13                 tw.Write(message.SessionId + comment)
CI14         }
CI15
CI16         foreach (var user in usersForCommentNotifications(comment))
CI17         {
CI18             sendNotification(user, comment);
CI19         }
CI20     }
CI21
CI22     private static void sendNotification(User user, string comment)
C213     {
CI24         ,,,
CI25     }
CI26
CI27     private static string buildCommentJson(string comment)
CI28     {
CI29         ...
CI30     }
CI31
CI32     private static User[] usersForCommentNotifications(string comment)
CI33     {
CI34         ...
CI35     }
CI36 }
```

ReviewController.cs
Relevant portions of the ReviewController.cs file are shown below. Line numbers are included for reference only and include a two-character prefix that denotes specific file to which the code belongs.

```
RC01 public class ReviewController : Controller
RC02 {
RC03     public void AddComment(string product, string comment)
RC04     {
RC05         var connectionString = CloudConfigurationManager.GetSetting
("Microsoft.ServiceBus.ConnectionString");
RC06         var client = QueueClient.CreateFromConnectionString(connectionString, "comments");
RC07     }
RC08
RC09     [AccessRateFilter]
RC10     public IEnumerable<Uri> PublicReviews()
RC11     {
RC12
RC13     }
RC14 }
```

TranslateJob.cs
Relevant portions of the TranslateJob.cs file shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which the code belongs.

```
TJ01 public class TranslateJob
TJ02 {
TJ03      ...
TJ04           public class Translator
TJ05           {
TJ06                public string Translate(string input)
TJ07                {
TJ08                     ...
TJ09                }
TJ10           }
TJ11 }
```

AccessRateFilter.cs
Relevant portions of the AccessRateFilter.cs file are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which the code belongs.

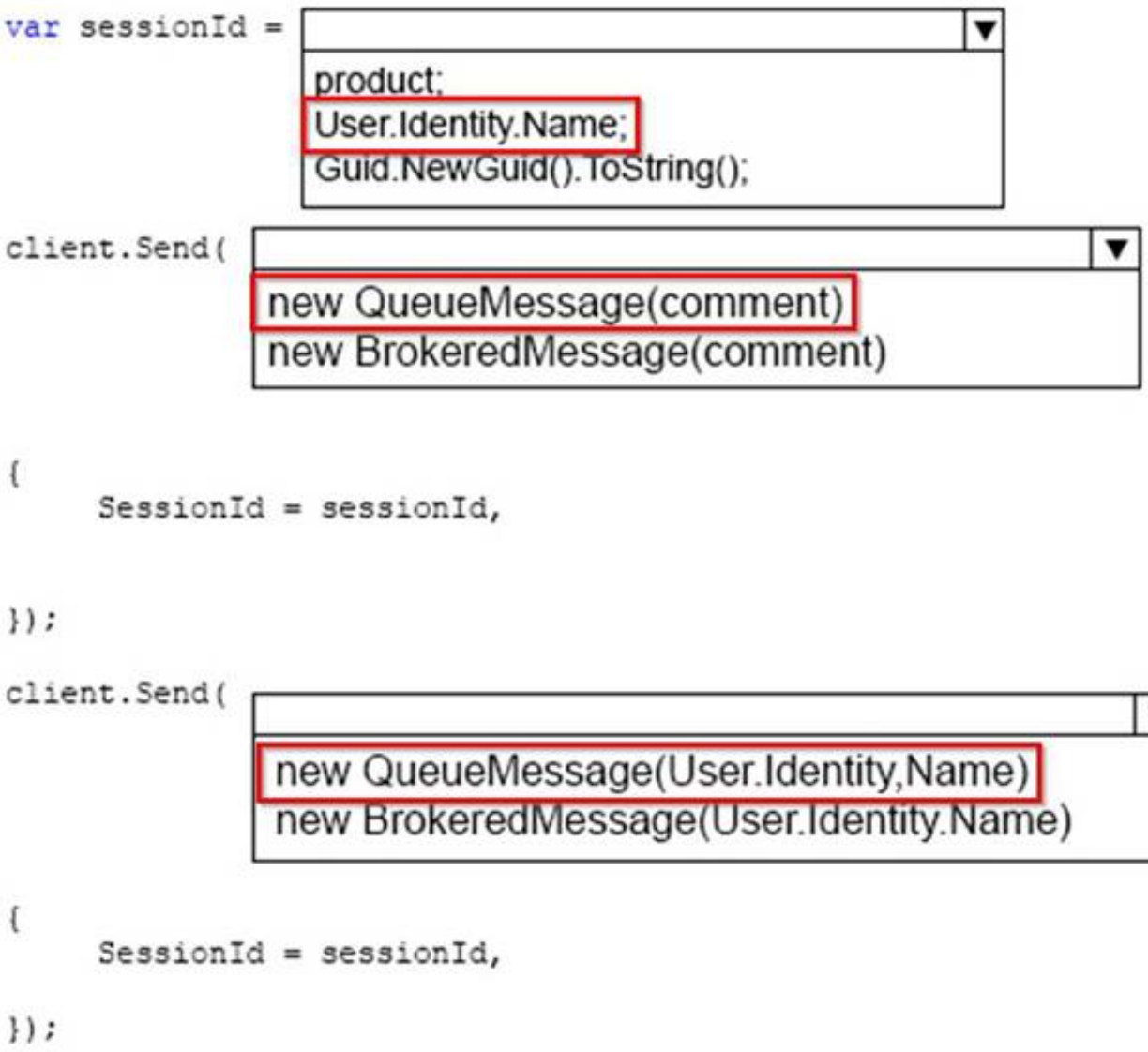
```
AR01 public class AccessRateFilter : ActionFilterAttribute
AR02 {
AR03      public override void OnActionExecuting(ActionExecutingContext filterContext)
AR04      {
AR05
AR06      }
AR07
AR08      private static IDatabase getDatabase()
AR09      {
AR10           var connStr = CloudConfigurationManager.GetSetting("Microsoft.Redis.ConnectionString");
AR11           var connection = ConnectionMultiplexer.Connect(connStr);
AR12           var db = connection.GetDatabase();
AR13           return db;
AR14      }
AR15
AR16      private static string getIPAddress(ActionExecutingContext filterContext)
AR17      {
AR18           return filterContext.RequestContext.HTTpContext.Request.UserHostAddress;
AR19      }
AR20 }
```

NEW QUESTION 105
HOTSPOT
You need to add code after line RC06 to complete the implementation of the AddComment method.
How should you complete the relevant code segment? To answer, select the appropriate code segment from each list in the answer area.

```
var sessionId = [ product; / User.Identity.Name; / Guid.NewGuid().ToString(); ]
client.Send( [ new QueueMessage(comment) / new BrokeredMessage(comment) ]
{
     SessionId = sessionId,
});
client.Send( [ new QueueMessage(User.Identity,Name) / new BrokeredMessage(User.Identity.Name) ]
{
     SessionId = sessionId,
});
```

Answer:

Explanation:



NEW QUESTION 106
You need to create a web job that performs post processing for reviews.
What should you do?

A. Rename the post-processing file to action.py, and add a file named settings.job that includes the following content:{ “is_in_place”: false)
B. Rename the post-processing file to run.exe, and add a file named settings.job that includes the following content:{ “is_in_place”: false)
C. Rename the post-processing file to run.py, and add file named settings.job that includes the following content:{ “is_in_place”: true)
D. Rename the post-processing file to action.exe, and add a file named settings.job that includes the following content:{ “is_in_place”: true)

Answer: C

Explanation: Some product reviews contain language specific terms that require additional processing. The additional processing is done by a python script named cleanup.py. The script relies on a data file names term.data that contains terms and their replacement values. All running instances of the script must use the same instance of the data file.
You need to implement the OnActionExecuting method of the AccessRateFilter class.
How should you complete the relevant code segment? To answer, select the appropriate code segment from each list in the answer area.
NOTE: Each correct selection is worth one point.

```
var db = getDatabase();
var ipaddress = getIPAddress(filterContext);

var count =
```

db.StringGet(ipaddress)
db.HashGet(ipaddress, null)
db.StringGetSet(ipaddress, 10);

```
var requests = 0;
if (count.IsInteger && count.TryParse(out requests))
{
    if (requests > 10)
    {
        filterContext.Result =
```

new RedirectResult("/ratelimit.html");
new HttpStatusCodeResult(500, "/ratelimit.html");
new FilePathResult("/ratelimit.html", "Rate Limit");

```
        return;
    }
}
```

db.StringIncrement(ipaddress);
db.HashIncrement(ipaddress, 1);
db.SortedSetIncrement(ipaddress, "count", 1);

Answer:

```
var db = getDatabase();
var ipaddress = getIPAddress(filterContext);

var count =
```

db.StringGet(ipaddress)
db.HashGet(ipaddress, null)
db.StringGetSet(ipaddress, 10);

```
var requests = 0;
if (count.IsInteger && count.TryParse(out requests))
{
    if (requests > 10)
    {
        filterContext.Result =
```

new RedirectResult("/ratelimit.html");
new HttpStatusCodeResult(500, "/ratelimit.html");
new FilePathResult("/ratelimit.html", "Rate Limit");

```
        return;
    }
}
```

db.StringIncrement(ipaddress);
db.HashIncrement(ipaddress, 1);
db.SortedSetIncrement(ipaddress, "count", 1);

NEW QUESTION 109
DRAG DROP
need to implement the translation web job.
How should you complete the relevant code? To answer, drag the appropriate code segment to the correct location. 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.

```
[BlobTrigger("reviews/{name}.{ext}")]
[BlobTrigger("reviews/{name}")]
[Blob("reviews/{inputStream}", FileAccess.Read)]
[Blob("users/reviews/{name}.md", FileAccess.Write)]
[Blob("reviews/{name}.md", FileAccess.Write)]
[Blob("users/reviews/{outputStream}.md", FileAccess.Write)]
```

```
public class TranslateJob
{
    public static void Translate(
            Code segment
        Stream inputStream,
            Code segment
        Stream outputStream)
    {
        var translator = new Translator();
        var converter = new Converter();
        using (var input = new StreamReader(inputStream))
        {
            var html = input.ReadToEnd();
            var markdown = translator.Translate(html);
            using (var o = new StreamWriter(outputStream))
            {
                o.Write(markdown);
                o.Flush();
            }
        }
    }
}
```

Answer:

Explanation:

```
[BlobTrigger("reviews/{name}.{ext}")]
```

```
[BlobTrigger("reviews/{name}")]
```

```
[Blob("reviews/{inputStream}", FileAccess.Read)]
```

```
[Blob("users/reviews/{name}.md", FileAccess.Write)]
```

```
[Blob("reviews/{name}.md", FileAccess.Write)]
```

```
[Blob("users/reviews/{outputStream}.md", FileAccess.Write)]
```

● ● ● ● ●

```
public class TranslateJob
{
    public static void Translate(
        [BlobTrigger("reviews/{name}")]
        Stream inputStream,
        [Blob("users/reviews/{name}.md", FileAccess.Write)]
        Stream outputStream)
    {
        var translator = new Translator();
        var converter = new Converter();
        using (var input = new StreamReader(inputStream))
        {
            var html = input.ReadToEnd();
            var markdown = translator.Translate(html);
            using (var o = new StreamWriter(outputStream))
            {
                o.Write(markdown);
                o.Flush();
            }
        }
    }
}
```

Case Study: 9
Contoso Pharmaceutical
Background
Contoso Pharmaceuticals has an on premises solution for patients in hospice care. The solution consists of a Xamarin mobile application and a Microsoft SQL Server database. Health care providers use the solution to monitor and manage patient drug dosage and treatments. The solution uses third-party software to calculate drug prices and dosages. The third-party software has several different modules that run on various server systems.
Contoso Pharmaceuticals would like to migrate the solution to the cloud and leverage several features of Azure. The company would like to use Platform as a Service (PaaS) where possible.
You are evaluating the use of Azure Service Fabric as well as Azure App Service API Apps to host several of the software's functionality as REST API services.
You develop a drug pricing endpoint as an Azure App Service API app. The drug pricing endpoint requires API discovery that uses the Swagger RESTful API Documentation Specification (also known as the OpenAPI specification). Developers would like to generate Operation identifiers for overloads of their controller methods. In addition, developers are finding it difficult to secure the API endpoints by using authentication and authorization to restrict access to certain resources within the app without writing extra, custom code.
You develop a drug dosage endpoint as a Service Fabric. OWIN hosted. HTTPS endpoint Developers are having difficulty writing and maintaining code to wrap client-side communication libraries in a retry loop for situations when the endpoints are down.
DevOps have extensive experience with PowerShell and would like to maintain Azure resources by using Azure PowerShell.
Business Requirements Patients
Patient data must be stored securely. Data security must meet the Health Insurance Portability and Accountable Act of 1996 (HIPPA) standards in the United States and must meet the ISO/ICE 27002 data security standards in the rest of the world.
Drug Pricing and Dosage Software
The third party software was a very large investment for the company and contains several different modules that run on various server systems. The solution must be moved to as the on- premises data center is costing the company too much in hardware renewal fees, not being properly backed up for a disaster recovery situation, and not being securely maintained to organizational security and compliance requirements.
Drug Pricing and Dosage Software Platform-as-a-Service (PaaS)
The company is looking to migrate to a PaaS solution to include implementation of the various

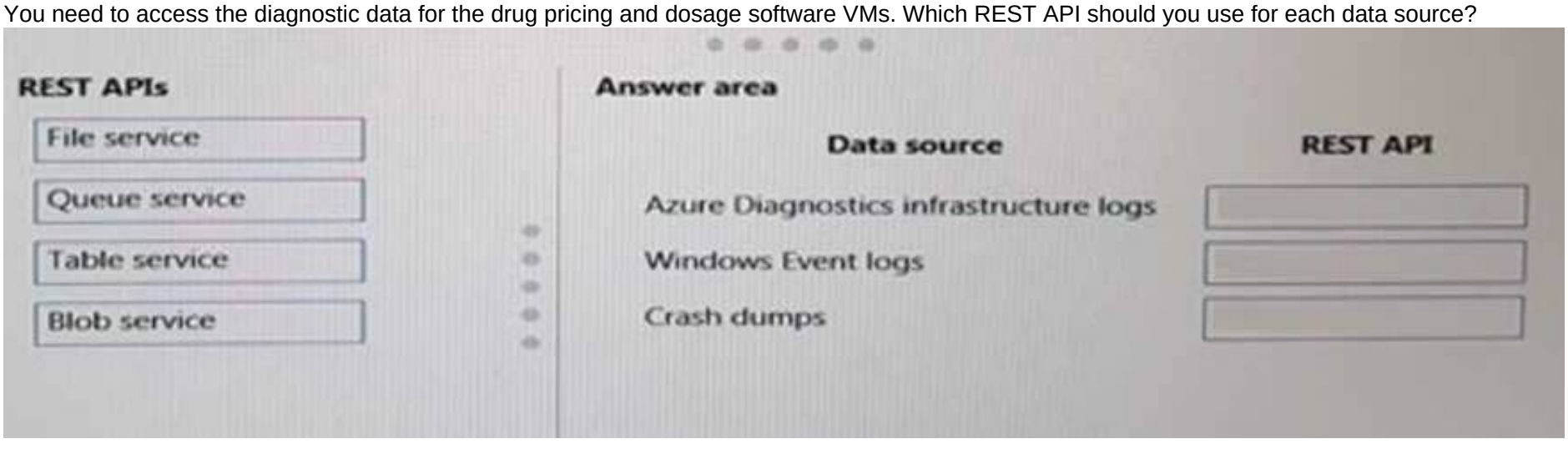
software feature. The business would like to see a reduction in costs while increasing scalability, reliability, and resiliency. The company would like to ensure a seamless transition to the new solution while maintaining all features of the current drug pricing and dosage software.
Mobile
Several health care providers have connectivity issues with their mobile devices. The patient information and drug dosage is vital information that must be captured at each patient visit. The business would like the information to be delivered to a central location to be securely stored and used for reporting purposes.
Technical Requirements:
The software requires several virtual machines (VMs) due to the software's use of the operating system and code operation. The software cannot run on an Azure PaaS service to this restriction. The organization require, the VMs to be secured while active and .it rest using industry standard encryption technology to address organizational security arid compliance requirements. You plan to use Azure Key Vault to control the VM boot using keys and policies to comply with audit requirements. All VMs will be created by using the Azure Resource Manager
The software consists of several VMs that run drift-ting operating systems and handle differing workloads. The VMs are defined as follows:
- DrugPricingVM – The Linux VM runs Ubuntu Server and requires a Server Message Block (SMB) interface to access files from the VM. The VM must allow the use of file system APIs. The VM mint also access on premises resource's while hosted in Azure.
- DrugDosageVM - The Linux VM runs Ubuntu Server and uses REST APIs to store very large amounts of unstructured data for random access and streaming used to process drug dosages.
- DrugProcessingVM - The Windows VM runs Windows Server and includes a Windows Communication foundation (WCF) service to process drug pricing and dosage requests. The VM requires a storage solution that guarantees first-in-first-out (FIFO) ordered delivery to ensure processing order of the requests is maintained. Standard processing requests are less than 256 kilobyte (KB) and include automatic duplicate detection.
- DrugDataVM - The Windows VM runs Windows Server and SQL Server to store the patient treatments dosage information, as well as finalized costing information for the treatments.
All VMs must be deployed using automated, repeatable processes that can be audited and validated. All VMs should be initially created, configured and deployed as one logical unit within a single resource group. In addition, all VMs should include monitoring and diagnostics to be enabled by using the Azure Diagnostics extension. All diagnostics and monitoring of VMs should be captured and stored by using a storage account.
Architecture in evaluating the use of Azure service Fabric as well as Azure App Service API Apps to
host several of the software's functionality as REST API services.
A drug pricing endpoint has been developed and implemented as an Azure App Service API app. The drug pricing endpoint requires AW discovery using the Swagger RESTful API Documentation Specification (also known as the OpenAPI specification). Developers would like to generate operation identifiers for overloads of their controller methods. In addition, developers are finding it difficult to secure the AW endpoints by using authentication and authorization to restrict access to certain resources, within the app without writing custom code. The API endpoint should be secured to only allow communication between each of the endpoints and disallow access from external communications.
A drug dosage endpoint has been developed and implemented as a Service Fabric, OWIN hosted, HTTPS endpoint. Developers are difficulty willing and maintaining code to wrap client-side communication libraries in a retry loop for situations when the endpoints are down.
Network Communications
All VMs require inbound traffic communications on port 50001 for both UDP and TCP communications. All VMs must be configured to run within the same subnet.
Mobile
The connectivity for mobile devices must support offline mode to allow users to continue modifying and create data when the device is offline. When the app is back online, it must synchronize local changes with a central repository stored in Azure.
The mobile must cache server data locally on each device. The solution must synchronize data across multiple devices while detecting conflicts when the same record is modified by two or more devices. The synchronization must be incremental to reduce network traffic.
Development
Developers must use Microsoft Visual Studio on their desktops and store all code in a source repository hosted by using Visual Studio Team Services.

NEW QUESTION 111
You need to enable monitoring and diagnostic logging for the VMs.
Solution: Run the command-line interface (CLI) command azure insights diagnostic set and include the resource identifier for the storage account and VM.
Does the solution meet the goal?

A. Yes
B. No

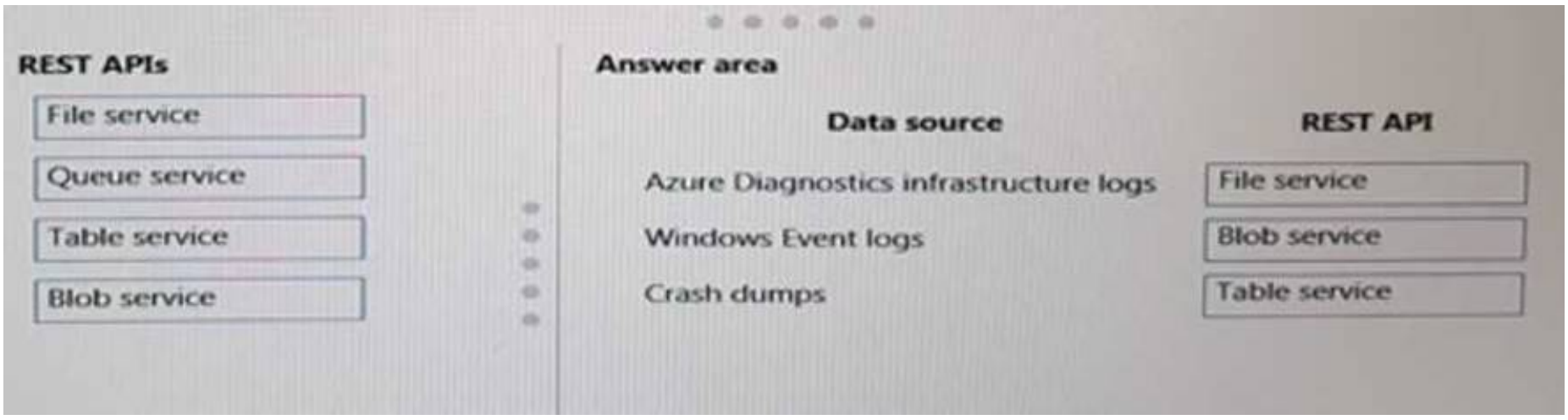
Answer: B

NEW QUESTION 112
DRAG DROP
You need to access the diagnostic data for the drug pricing and dosage software VMs. Which REST API should you use for each data source?



Answer:

Explanation:

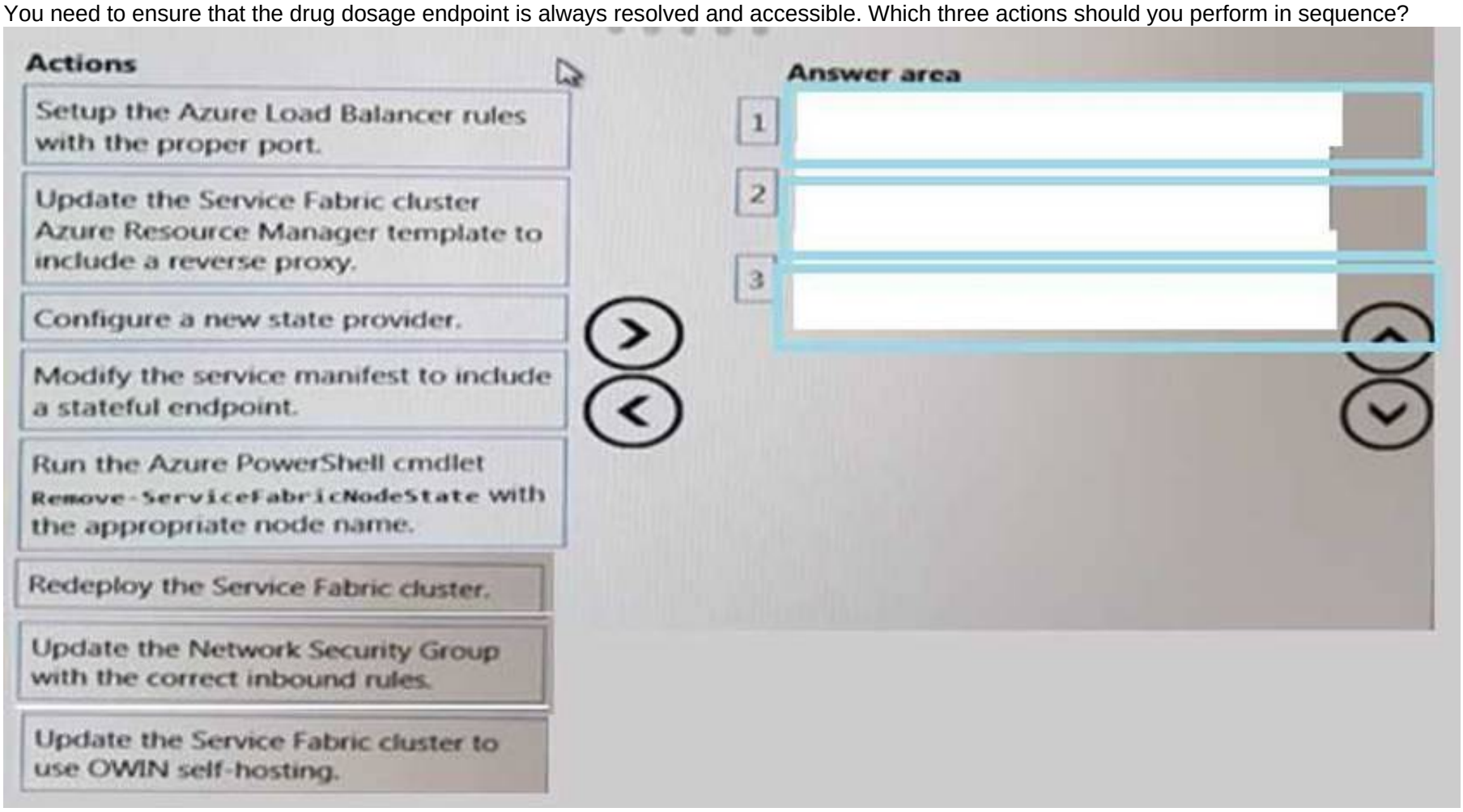


NEW QUESTION 117
You need to update the Swagger API metadata to support all drug pricing and dosage software API
What are two possible ways to achieve the goal?

A. Update the Network Security Group security rules.
B. Update all methods with XML documentation comments and update the Swashbukte configuration to use the XML documentation.
C. Update all controller methods by giving the methods unique names.
D. Create a custom IOperatunel filter and cause swashbucke to use the implementation
E. Add the SaggerResponse attribute to the Web API action method.

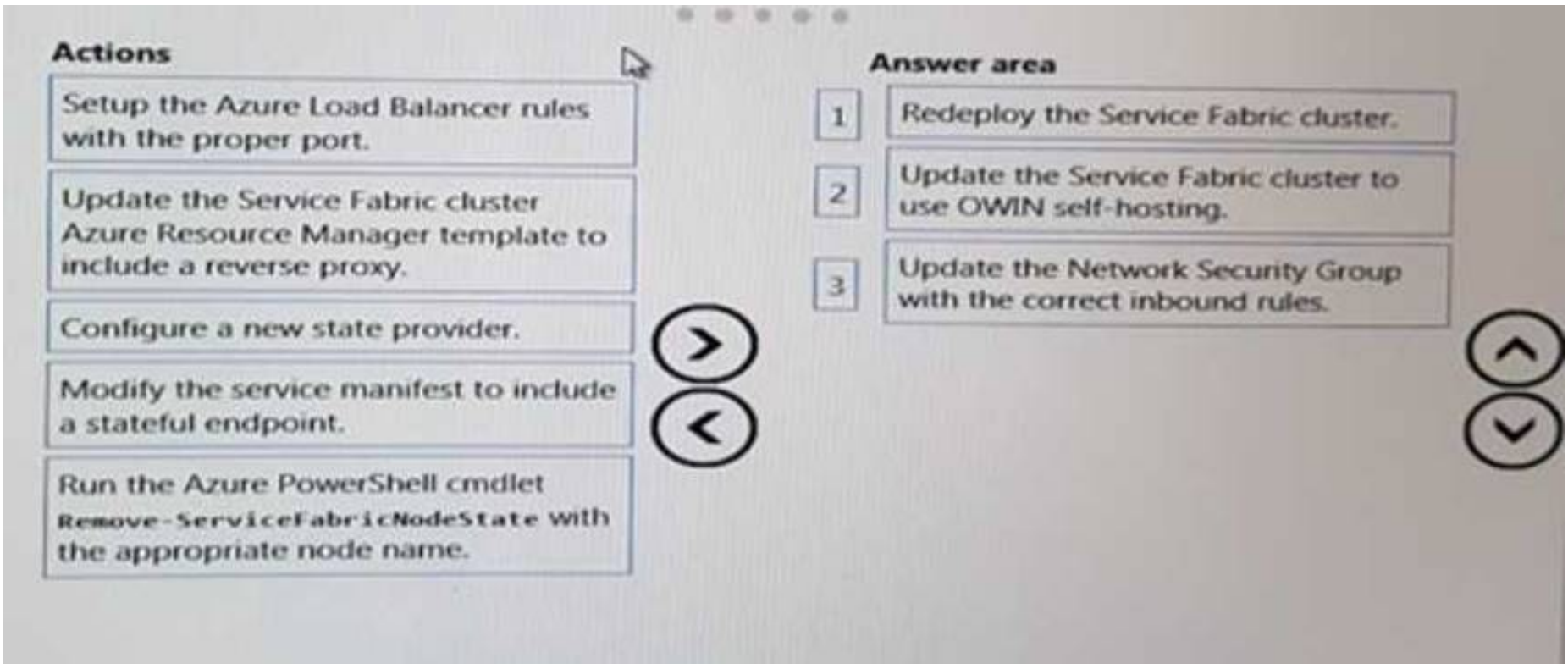
Answer: BD

NEW QUESTION 119
DRAG DROP
You need to ensure that the drug dosage endpoint is always resolved and accessible. Which three actions should you perform in sequence?



Answer:

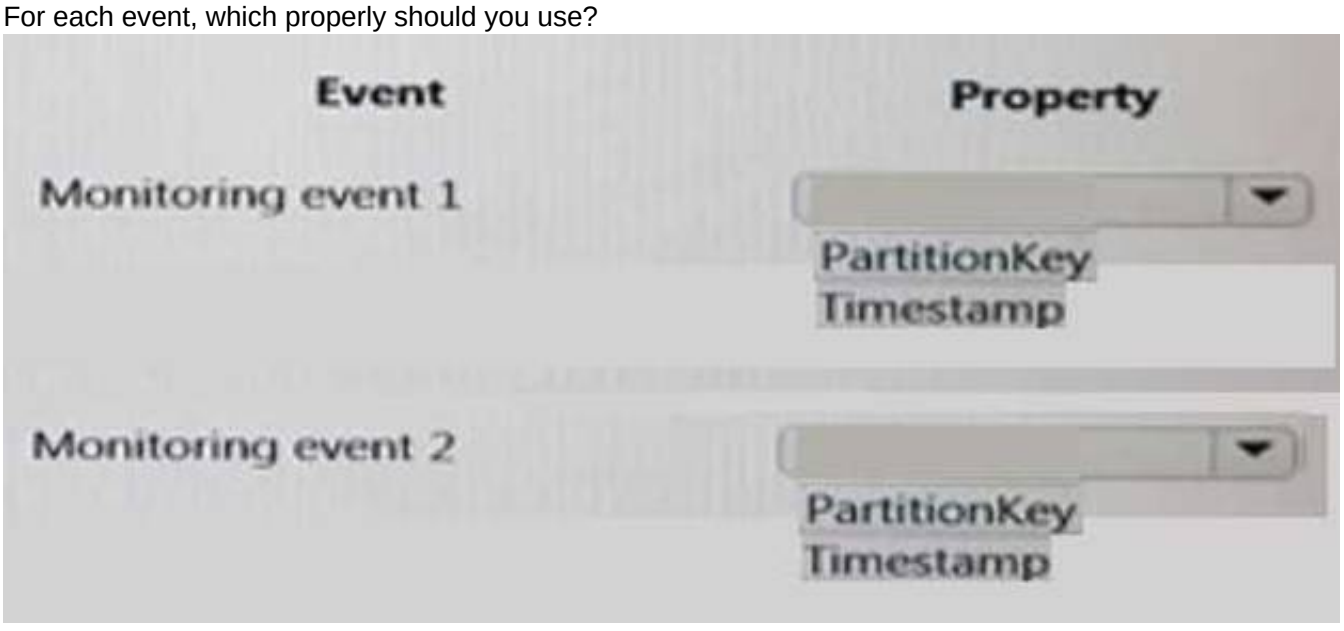
Explanation:



Case Study: 10
Contoso, Ltd (B)

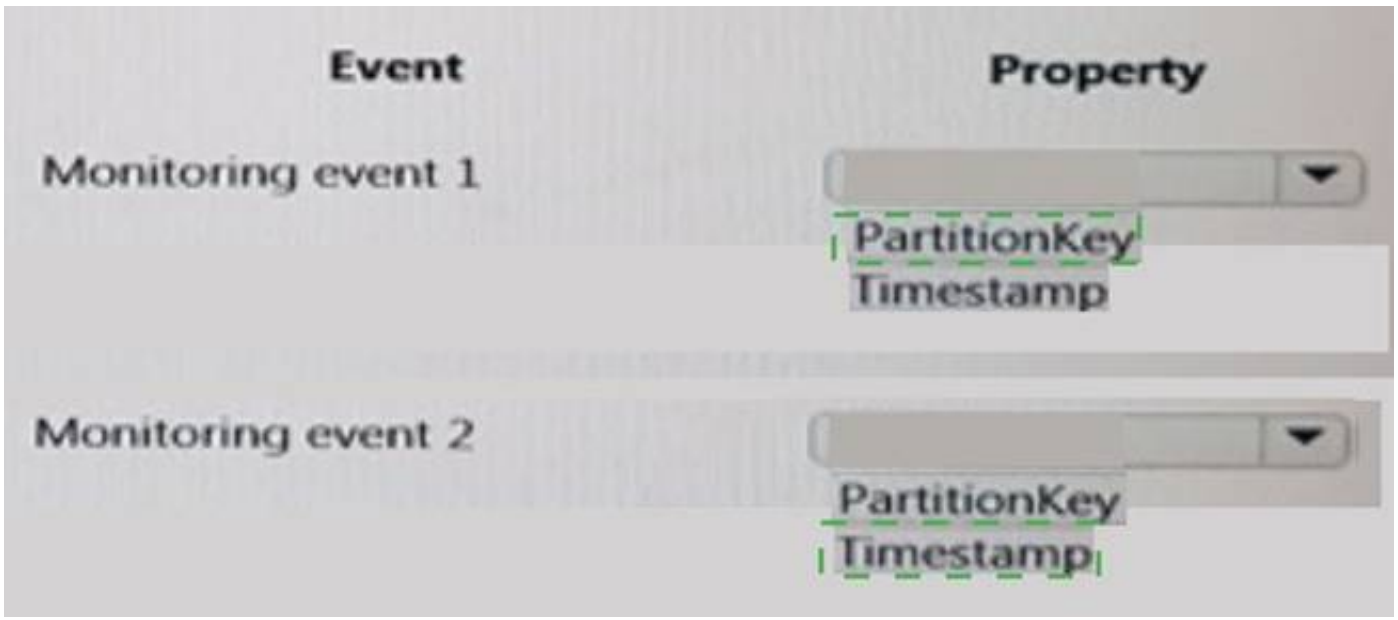
Background
Contoso, Ltd designs and manufactures medical vaccines. The company has sales and manufacturing facilities in locations all over the world. The company must permanently retain all data from clinical testing of vaccines. is subject to penalties and lawsuits if any data is lost.
You maintain an application that allow, medical professionals to manage data about patients, vaccine results, and possible side effects of the vaccines. You host the application in Microsoft Azure and manage the application by using the Azure portal.
Current Environment Application:
You have two on premises applications that conned lo Azure resources. The first application is named Contosol. Contoso uses Windows Identity foundation (WIF) and includes a secured area of the application that is used tor Single sign on with credentials from Azure Active Directory (AD).
The second application is an auditing application named ClinicalSearch. It allows you to search for clinical test results. The application resides on an Azure Virtual Machine (VM) and must meet Azure Service Level Agreement (SLAs) for availability Auditors will be given access to the application in 24 hour interval.
You have a data collection and distribution service named DataCollect. The service runs Node.js in an Azure cloud service. The service must use a minimum of 2048-bit encryption.
Infrastructure:
You provision the following objects:
• Premium storage
• TwoSQL Azure databases named CONTOSO-SQL1 and CONTOSO-SQL2. CONTOSO-SQL1 will store Current product data and will be scaled up to optimize performance during peak hours. CONTOSO- SQL2 will store archived product data.
• Table Storage
Deployment
You deploy resources as a resource group by using Azure Resource Manager (ARM). You use templates to deploy resources to different environments. The cloud service is deployed using standard methods. You provide medical professionals and other clients access to the storage resources.
Problem Statements
Users are reporting that during peak hours, it takes a long time to save documents to the environment.
Rrsearchers report that the DataCollect service takes a long time to respond when data is being sent to the service.
Monitoring
You enable minimal monitoring metrics for application. You enable boot diagnostics for all VMs

NEW QUESTION 124
HOTSPOT
You need to configure monitoring.
For each event, which properly should you use?

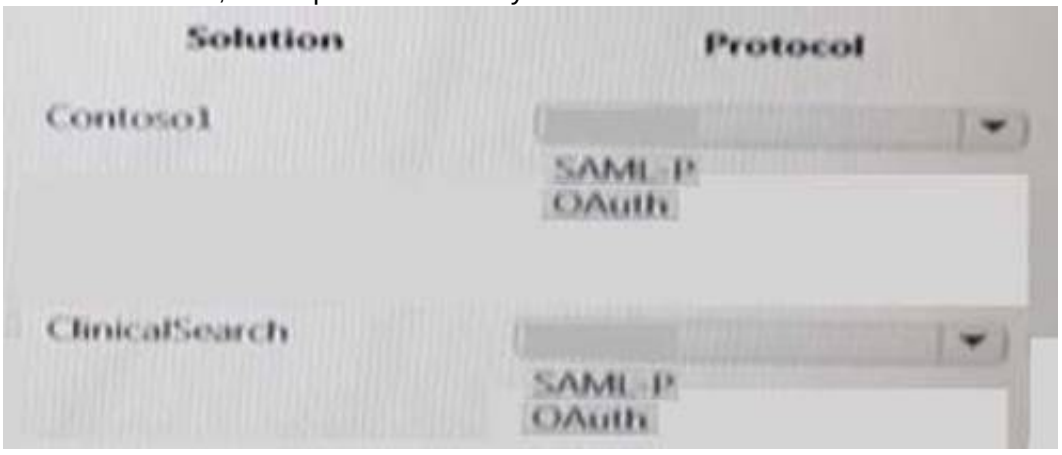


Answer:

Explanation:

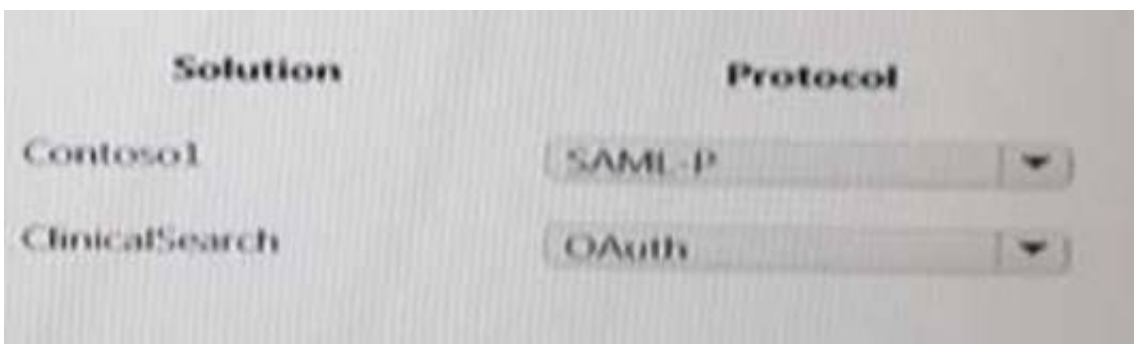


NEW QUESTION 126
HOTSPOT
You need to configure the solutions.
For each solution, which protocol should you use?



Answer:

Explanation:



NEW QUESTION 130
You need to save the diagnostics information.
What should you use?

A. a Remote Desktop connection to access the VM and Save the log files.
B. a custom script to store the diagnostics in the storage account.
C. a Standard storage account for the diagnostics
D. the Check Health feature

Answer: C

Explanation: Case Study: 11
Trey Research Inc
Background
Trey Research Inc. is a software as a service (SaaS) company that provides solutions to the legal industry including a mobile app named Finder. The company supports users globally.
Case Files
files are documents about legal proceedings, such as, trial transcripts, legal research, and summaries of trail results. Case files are used to capture trial information for future use.
Before starting a trial, a new case file is created. Researchers link other potentially relevant case files to the new case file.
During a trial, users create transcripts and notes related to the trial. Users may create documents on
a variety of platform including Linux. Mac, OS, and Window. The files may be created n a variety of formats including Microsoft Word documents, images, and text files.
All documents are uploaded to a file share. Once document are uploaded, the system imports the documents as case files.
When a trial is concluded, the case file that trial is marked as finished and made available as research for future trials. During this process, all licensed case files are removed from case file association.
Finder

Lawyer use Finder to search for and view information and documents that relate to a case. The interface include an auto complete text box where users can enter search terms. Searches must be performed using combination of characters in the search input.
Transcripts and Notes
The transcript and notes created during a trial are uploaded from machines that do not have consistent Internet connections. Documents may be uploaded multiple times with different file names. This action must not result in multiple case files being generated. The processing of uploaded documents must be started by an Azure function.
Security:
When a Service Fabric Actor is activated the information about the activation must be stored in Cosmos DB.
Users of the system will authenticate using their organization's Active Directory. When a user is removed from an organization's Active Directory, their access to the IntelligentAssist product must be revoked as soon as possible.
Application Structure Casefile.cs
Relevant portions of the app files are shown below. Line numbers, in the code segments are included for reference only and include a two character prefix that denotes, the specific file to which they belong.

CaseFile.cs

```
CF01  public class CaseFile
CF02 {
CF03    public string Id { get ; set; }
CF04    public List <string > RelatedCaseFiles { get; set ; }
CF05    public DateTimeOffset ? Expires { get ; set; }
CF06    public bool InProgress { get ; set; }
CF07    public string Body { get ; set; }
CF08 }
```

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

MainPage.cs

```
MP01  sealed partial class MainPage : Page
MP02 {
MP03    private IMobileServiceSyncTable <CaseFile > caseFileTable = App.MobileService.GetSyncTable<
CaseFile >();
MP04    public MainPage()
MP06    {
MP07      this .InitializeComponent();
MP08    }
MP09    private async void ButtonRefresh_Click( object sender, RoutedEventArgs e)
MP10    {
MP11
MP12    }
MP13 }
```

CaseFileController.cs
portions of the app files are shown below. Line numbers, in the code segments are included for reference only and include a two character prefix that denotes, the specific file to which they belong.

CaseFileController.cs

```
CC01  public class CaseFileController : TableController <CaseFileData >
CC02 {
CC03    private ISubscriber _subscriber;
CC04    private Dictionary <string , CaseFile> Cache = new Dictionary< string , CaseFile >();
CC05    public CaseFileController()
CC06    {
CC07
CC08    }
CC09 }
```

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

ActorProgram.cs

```
AP01  public static class Program
AP02  {
AP03    private static void Main()
AP04    {
AP05      ActorRuntime .RegisterActorAsync< CaseFileActor>((context, actorType) =>
AP07        new ActorService (context, actorType, settings: new ActorServiceSettings
AP08        {
AP09
AP10        }));
AP11      Thread .Sleep( Timeout.Infinite);
AP12    }
AP13 public async Task SetupSearch()
AP14 {
AP15    var client = new SearchServiceClient( "..." , new SearchCredentials ("..." ));
AP16    client.Indexes.Create(new Index
AP17    {
AP18      Tokenizers = new [] {
AP19
AP20      }
AP21    });
AP22 }
AP23 }
```

CaseFileActor.cs

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

CaseFileActor.cs

```
CA01
CA02 internal class CaseFileActor : Actor , ICaseFileActor
CA03 {
CA04    private ISubscriber _subscriber;
CA05
CA06    public CaseFileActor( ActorService actorService, ActorId actorId)
CA07      : base (actorService, actorId)
CA08    {
CA09      _subscriber = ConnectionMultiplexer .Connect( "_").GetSubscriber();
CA10    }
CA11    public async Task MarkAsCompleted( string caseFileId)
CA12    {
CA13      var client = new DocumentClient( ConnInfo .Uri, ConnInfo .Key);
CA14      var caseFileUri = UriFactory.CreateDocumentUri( ConnInfo .DatabaseId,
ConnInfo .CollectionId, caseFileId);
CA15      var caseFile = await client.ReadDocumentAsync< CaseFile >(caseFileUri);
CA16      caseFile.Document.InProgress = true ;
CA17
CA18      var collectionUri = UriFactory.CreateDocumentCollectionUri( ConnInfo .DatabaseId,
ConnInfo .CollectionId);
CA19      foreach ( var result in client.CreateDocumentQuery<CaseFile >(collectionUri, query).Where
(r => r.Expires != null))
CA20      {
CA21        caseFile.Document.RelatedCaseFiles.Remove(result.Id);
CA22      }
CA23      await client.UpsertDocumentAsync(caseFileUri, caseFile);
CA24      await _subscriber.PublishAsync( "CaseFileUpdate", caseFileId);
CA25    }
CA26    private List <string > AlreadyProcessed;
CA27    public async Task UploadCaseFile( string location)
CA28    {
CA29      var contents = await ReadFile(location);
CA30
CA31      if (!AlreadyProcessed.Contains(check))
CA32      {
CA33        . . .
CA34      }
CA35    }
CA36
CA37    {
CA38      AlreadyProcessed = await StateManager.GetStateAsync< List< string >>("AlreadyProcessed" );
CA39    }
CA40
```

```
CA41    {
CA42        await StateManager.SetStateAsync("AlreadyProcessed" , AlreadyProcessed);
CA43    }
CA44    private static Task<byte []> ReadFile(string input)
CA45    {
CA46        . . .
CA47    }
CA48 }
```

CaseFileSwagger.Json

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

CaseFileSwagger.json

```
CS01 {
CS02  "swagger" : "2.0",
CS03  "info" : {
CS04   "version" : "v1",
CS05   "title" : "IntelligentAssist"
CS06  },
CS07  "basePath" : "/",
CS08  "paths" : {
CS09   "/api/casefiles" : {
CS10    "post" : {
CS11     "tags" : [ "Values" ],
CS12     "operationId" : "ApiCasefilesPost",
CS13     "consumes" : [ "application/json", "text/json" , "application/json-patch+json" ],
CS14     "produces" : [],
CS15     "parameters" : [
CS16      {
CS17       "name" : "value",
CS18       "in" : "body",
CS19       "required" : false,
CS20       "schema" : {
CS21        "$ref" : "#/definitions/CaseFile"
CS22       }
CS23      }
CS24     ],
CS25     "responses" : { "200": { "description" : "Success" } }
CS26    }
CS27   }
CS28  },
CS29  "definitions" : {
CS30
CS31  },
CS32  "securityDefinitions" : {}
CS33 }
```

NEW QUESTION 131

You need to ensure that users can upload transcripts and notes.

Solution: You use Azure Resource Manager (ARM) to provision a storage account, and then use ARM to provision an Azure Cosmos DB database.

Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 136

You need to ensure that users can upload transcripts and notes.

Solution Use Azure Resource Manager (ARM) to provision a storage account and then use Azure PowerShell to provision an Azure File share.

Does the solution meet the goal?

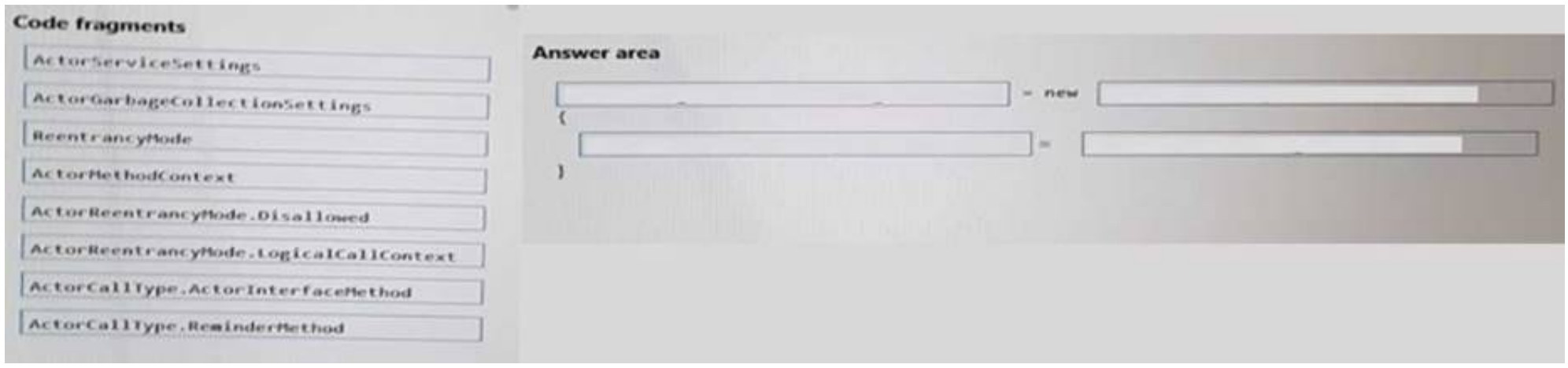
A. Yes
B. No

Answer: A

NEW QUESTION 138

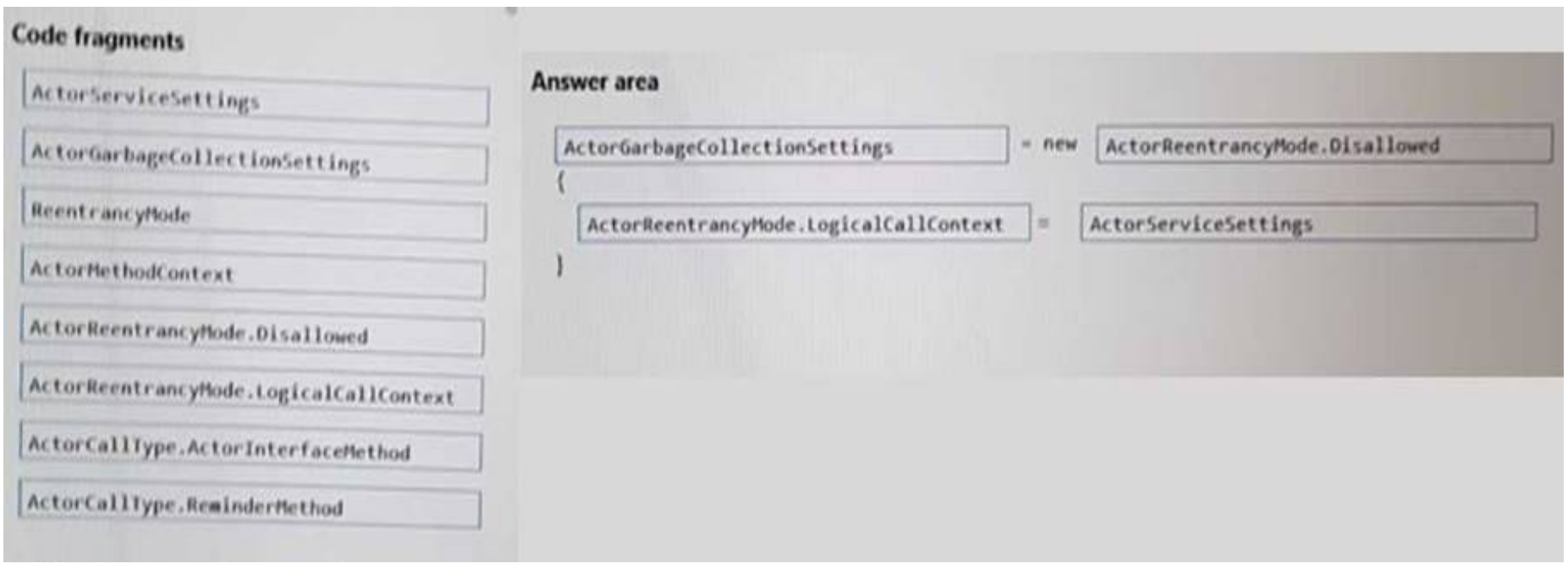
DRAG DROP

You need to ensure that operations are billed correctly. Which code should you insert at line AP09?



Answer:

Explanation:



NEW QUESTION 143
You need to ensure that users can upload transcripts and notes.
Solution: You create a virtual machine (VM) image that contains a Server Message Block (SMB) share, and then use Azure Resource Manager (ARM) to provision a VM based on the image
Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 146
You need to ensure that users can upload transcripts and notes.
Solution: You use Azure Resource Manager (ARM) to provision a storage account, and then use the Azure portal to create an Azure file share.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation: Case Study:
Contoso, Ltd (C)
Background
Contoso, Ltd. develops, manufactures, and sells paint, wallpaper, and other home improvement items. The company currently uses a third-party service that sells Contoso's products through their e-commerce solution. Contoso plans to take over the entire process. Customers complete the purchase process and provide billing information to the web application. An executable named SalesProcess.exe processes all of the information received. An on-premises server that runs Windows Server 2012 hosts the executable.
Build and Deploy
You create an Azure Web App using the Azure Management Portal, and configure the Web App to use the Basic App Service plan. The Web App will support the full process of browsing inventory, placing orders, billing, and order fulfillment. Contoso registers the custom domain www.contoso.com for use by the application. For future production builds, Contoso plans to use Microsoft Visual Studio Team Services and configure Azure continuous deployment. Contoso currently uses Team Foundation Server 2013 for source control.
Performance and Monitoring
Contoso runs performance tests and identifies some concerns. During periods of heavy load, the cache is performing poorly and messages are not processed. You enable diagnostics for the Web App, but diagnostics data is not logged to storage. You confirm that sufficient storage and permissions are present. You have a device named PC1 that runs Windows 10. PC1 is a dedicated device for debugging the cloud service.
Business requirements
You identify the following business requirements:
? The web application must provide a secure shopping experience for the customer.
? Quality Assurance testers must validate all new versions of the web application before they are published to production.
? You must be able to revert to previous versions after deployment if necessary.

? The solution must eventually reside completely in the cloud.
? You must enable remote debugging for the web application
You must test the solution with a limited number of users for the first six-month period after you initially deploy the web application. During this period, you must minimize costs associated the Azure subscription.
Technical requirements
You identify the following technical requirements:
? Network traffic must be monitored on all ports that the web application uses.
? The web application must remain available to users during deployment of new features.
? The custom domain must be secured by using SSL.
? You must use an X.509 certificate.
? The web application must auto-scale to a larger instance size when CPU load reaches 50 percent
Web App details
You configure the following properties for the Web App:
? Resource Group: contoso
? Web App Name: contosoapp
? Slot Name: contoso1
? Deployment package location: C:\
? Deployment package name: contosoweb.zip

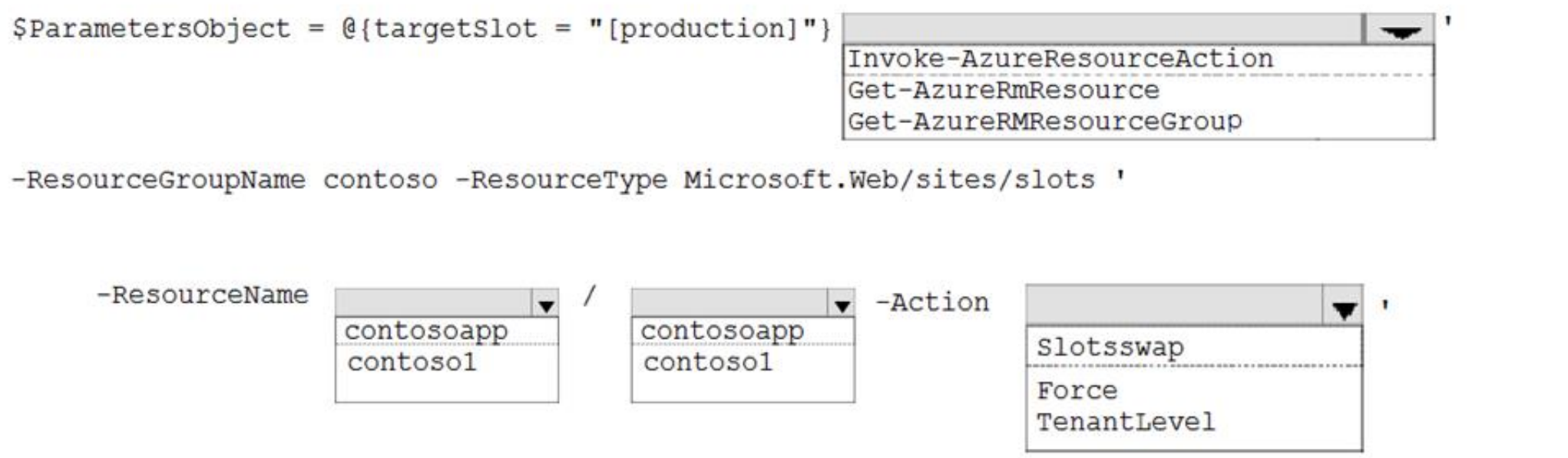
NEW QUESTION 147
You need to use the least expensive App Service plan tier that will allow you to deploy and roll back the Contoso Web App.
Which App Service plan tier should you use?

A. Shared
B. Standard
C. Premium
D. Free
E. Basic

Answer: B

NEW QUESTION 148
HOTSPOT
You configure the following properties for the Web App: You need to revert to the last functioning version.
How should you configure the relevant Azure PowerShell command? To answer, select the appropriate Azure PowerShell segments from each list in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

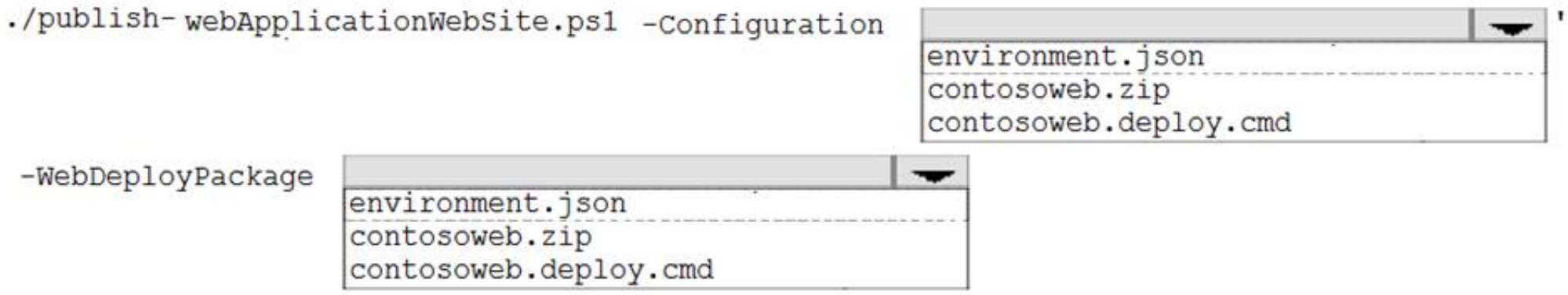


Answer:

Explanation:
References:
https://docs.microsoft.com/en-us/azure/app-service/web-sites-staged-publishing

NEW QUESTION 149
HOTSPOT
You need deploy the Web App.
How should you complete the relevant Azure PowerShell command? To answer, select the appropriate Azure PowerShell segment from each list in the answer area.
NOTE: Each correct selection is worth one point.

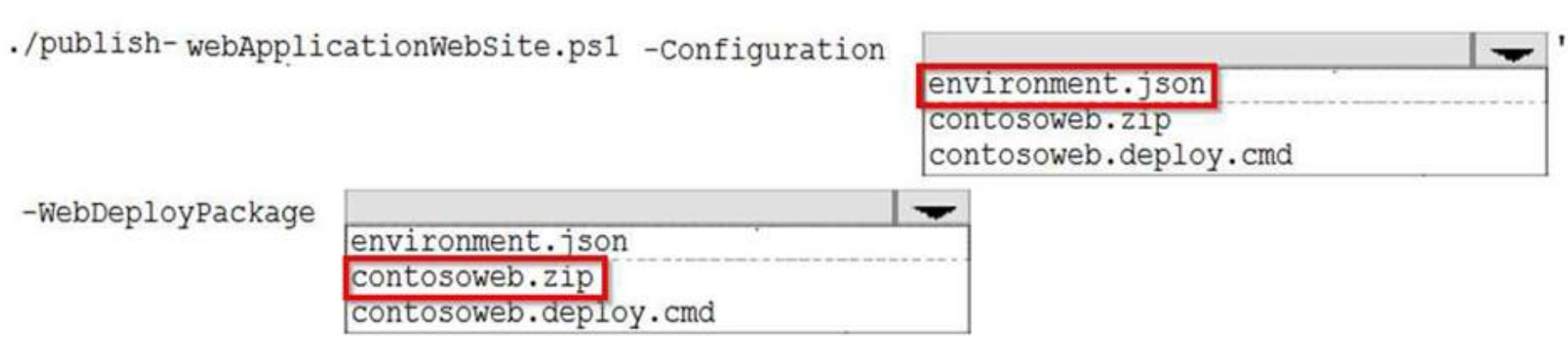
Answer Area



Answer:

Explanation:

Answer Area



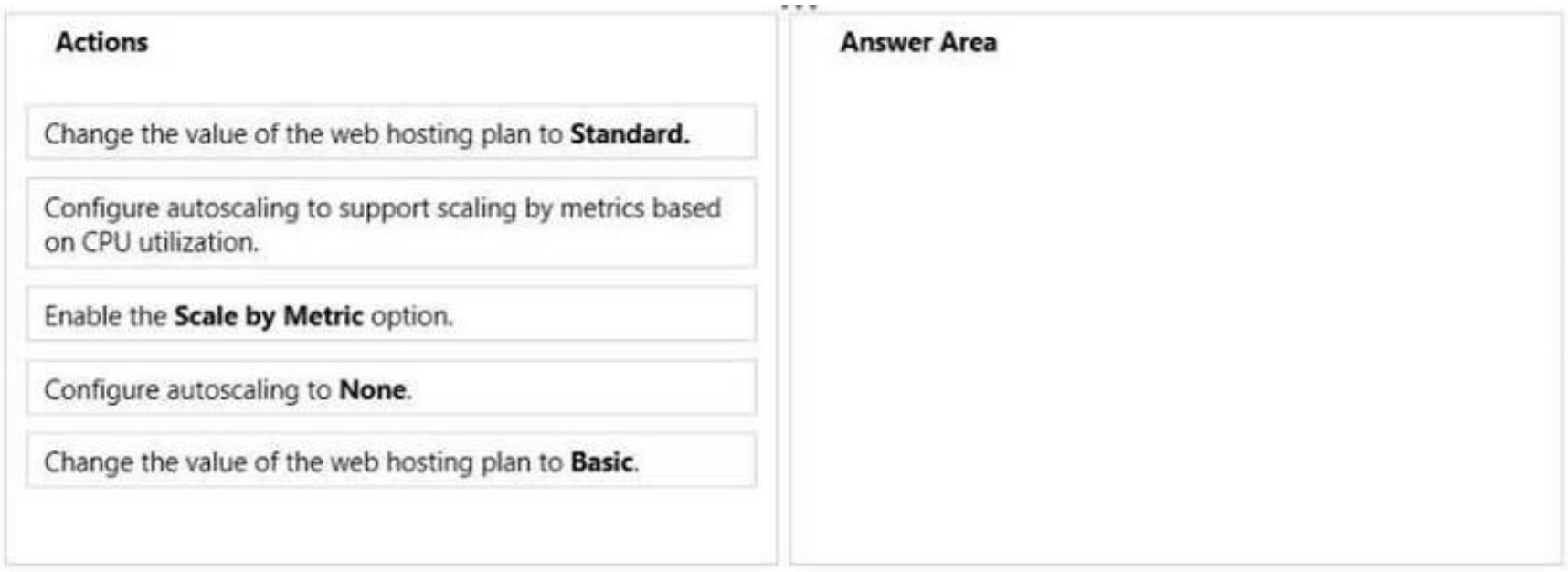
Case Study: 13 Mix Questions

NEW QUESTION 152
You have an ASP.NET application that runs in a cloud service. A new version of the application is ready for release. The new version contains code changes and new SSL certificates. The application consists of six instances of a web role and four instances of a worker role.
The application performs at or near full capacity. The cloud service uses the default number of fault domains and upgrade domains.
You plan to deploy the new version of the application. The performance and capacity of the web roles must not degrade during the deployment. Temporary degradation of the worker roles is acceptable. The deployment must take a maximum of six hours.
You need to deploy the new version of the ASP.NET application to the cloud service. Which two approaches will achieve the Each correct answer presents a complete solution.

A. Increase the number of web role instances to eight, and then deploy the new version of the application by using an in-place updat
B. Reduce the number of web role instances to six after the upgrade is completed.
C. Deploy the new version of the application by using an in-place updat
D. Use upgrade domains to ensure that there is sufficient capacity during the upgrade.
E. Deploy the new version of the application into the staging slot for the cloud servic
F. Then activate the new version of the application by swapping virtual IP (VIP) addresses.
G. Delete the old version of the application, and deploy the new version of the application.

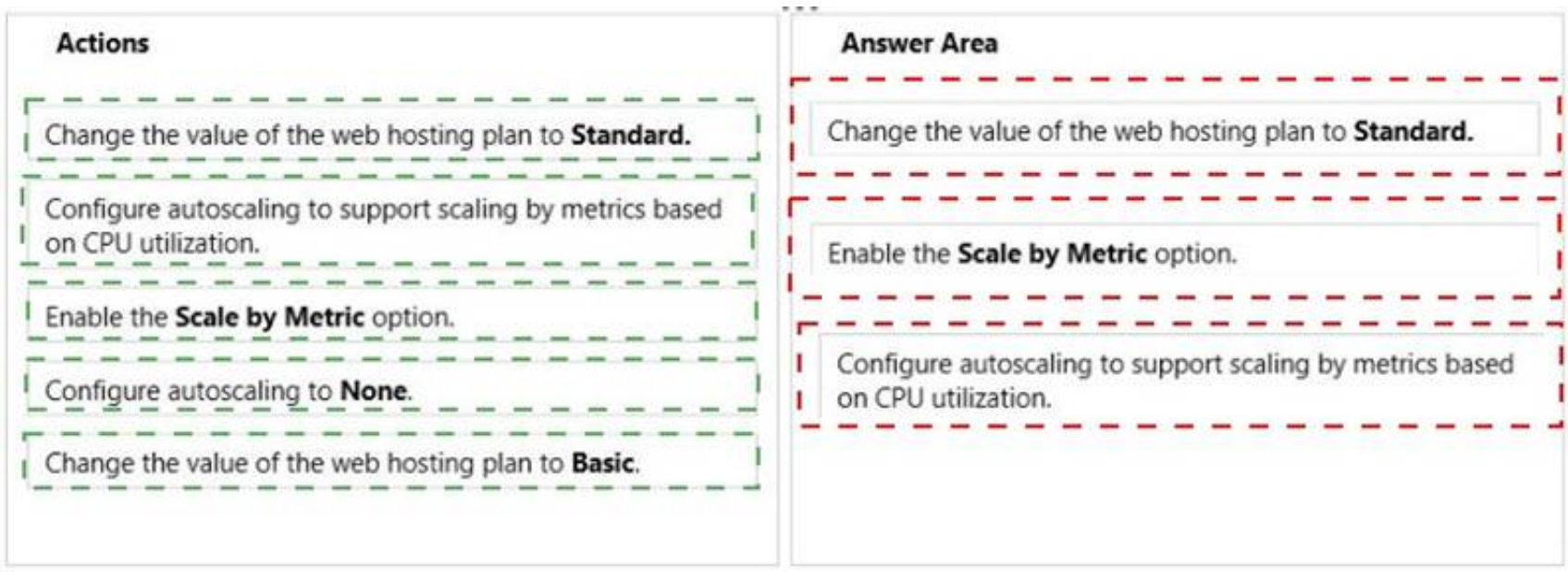
Answer: BC

NEW QUESTION 154
DRAG DROP
You create a new web application by using a single Azure website deployment. The deployment uses the shared web hosting plan. User activity varies significantly and unpredictably.
The application must automatically scale to a maximum of eight virtual machines based on CPU utilization.
You need to configure the environment.
In the Azure management portal, 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 155
You deploy a stateless ASP.NET application to an Azure website. You scale out the application by adding website instances.
Only newly signed in users are routed to the recently added website instances. Users must be evenly distributed among all of the instances.
You need to configure the environment to ensure that the load balancer evenly distributes requests.
What should you do?

A. Add the following markup to the web.config file for the application:

```
<system.webServer>
  <httpProtocol>
    <customHeaders>
      <add name="Arr-Disable-Session-Affinity" value="False" />
    </customHeaders>
  </httpProtocol>
</system.webServer>
```

B. Configure autoscaling rules based on metrics.

C. Add the following markup to the web.config file for the application:

```
<system.webServer>
  <httpProtocol>
    <customHeaders>
      <add name="Arr-Disable-Session-Affinity" value="True" />
    </customHeaders>
  </httpProtocol>
</system.webServer>
```

D. Enable Always On support.

A. Option A

B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 159
You maintain an application that is used by local food delivery companies. When a customer requests a delivery, the application sends a message to all of the delivery companies. One company accepts the request and fulfills the order.
The application currently supports orders of 100 products fewer. Some of the delivery companies can now deliver large orders that contain up to 500 products.
You must modify the application so that it supports both small orders and large orders. Messages about large orders should be sent to only delivery companies that can fulfill them. Messages about small orders should be sent to all delivery companies.
Which service should you use?

A. Azure Service Bus Queue
B. Azure Service Bus Relay
C. Azure Service Bus Topics
D. Azure Service Bus Namespace

Answer: C

NEW QUESTION 160
HOTSPOT
You create a cache for a project by using Azure Redis Cache. You are writing test code that verifies that the cache is available.
You need to ensure that data can be saved to the cache and retrieved from the cache. How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

Answer Area

```
using System;

[ using StackExchange.Redis;
  using Microsoft.WindowsAzure.Caching;
  using Microsoft.ApplicationServer.Caching; ]


public class RedisCacheTester
{
  public bool TestRedisCache(string name, string key)
  {
    var redisConfiguration = String.Format("{0}.redis.cache.windows.net, password={1}", name, key);
    var redisConnection = ConnectionMultiplexer.Connect(redisConfiguration);

    [ IDatabase cache = redisConnection.GetDatabase();
      IDatabase cache = redisConnection.GetDatabase(name);
      System.Web.Caching.Cache cache = redisConnection.GetDatabase();
      System.Web.Caching.Cache cache = redisConnection.GetDatabase(name); ]

    var cacheKey = "test key";
    var cacheValue = "test data";

    [ cache.StringSet(cacheKey, cacheValue);
      cache.StringSetOrUpdate(cacheKey, cacheValue);
      cache.StringSet(name, cacheKey, cacheValue); ]

    return (cacheValue == cache.StringGet(cacheKey));
  }
}
```

Answer:

Explanation:

Answer Area

```
using System;

[ using StackExchange.Redis;
  using Microsoft.WindowsAzure.Caching;
  using Microsoft.ApplicationServer.Caching; ]

public class RedisCacheTester
{
  public bool TestRedisCache(string name, string key)
  {
    var redisConfiguration = String.Format("{0}.redis.cache.windows.net, password={1}", name, key);
    var redisConnection = ConnectionMultiplexer.Connect(redisConfiguration);

    [ IDatabase cache = redisConnection.GetDatabase();
      IDatabase cache = redisConnection.GetDatabase(name);
      System.Web.Caching.Cache cache = redisConnection.GetDatabase();
      System.Web.Caching.Cache cache = redisConnection.GetDatabase(name); ]

    var cacheKey = "test key";
    var cacheValue = "test data";

    [ cache.StringSet(cacheKey, cacheValue);
      cache.StringSetOrUpdate(cacheKey, cacheValue);
      cache.StringSet(name, cacheKey, cacheValue); ]

    return (cacheValue == cache.StringGet(cacheKey));
  }
}
```

NEW QUESTION 162
A company plans to increase its virtual network capacity by adding virtual network subscriptions.
You must increase the number of subscriptions from 3 to 15. You need to configure the virtual networks.
What should you do?

A. Export and modify the configuration fil
B. Then import the modified file.
C. Export and modify the service definition fil
D. Then import the modified file.
E. Create and import a new network configuration file.
F. Create a multi-site virtual network.

Answer: A

NEW QUESTION 164
You are maintaining an application that uses the Azure Content Delivery Network (CDN) to serve terabytes of content that is stored in page blobs.
Your bill for CDN services is higher than you expect.
You need to monitor the application to find issues that increase costs.
Which two operations should you monitor? Each correct answer presents part of the solution.

A. The Time-To-Live (TTL) of the blobs.
B. The country of origin for the client computer and the CDN region.
C. The number of requests that result in an HTTP status code over 400.
D. The allocated size of page blobs.
E. The expiration date of the blobs.

Answer: BD

NEW QUESTION 167
You create a software-as-a-service (SaaS) application. Websites, cloud services, and virtual machines (VMs) read common data values from the database for the application.
The application does not scale efficiently. All VMs, websites, and cloud services must read from the same data source.
You need to design a cache solution for the SaaS application. What should you do?

A. Deploy a cache by using Azure Redis Cach
B. Access the cache from the websites, cloud services, and VMs.
C. Configure a cache by using ASP.NE
D. Access the cache from the websites, cloud services, and VMs.
E. Use Azure Redis Cache to deploy one cache for each website, one cache for each cloud service, and one cache for each V
F. Configure each cache to ensure that data is consistent in all the cache instances.
G. Deploy a cache by using Azure Redis Cach
H. Configure the cache to use database connection strings.

Answer: A

NEW QUESTION 171
You are modifying a web application so that it uses Azure Active Directory to manage users. You create a security group named Users and a security group named Administrators. The Administrators security group is a member of the Users security group.
You create the following code segment. Line numbers are included for reference only.

```
01 function canAccessUserResources(userId) {
02
03 }
04 function getGroupId(groupName) {
05  ...
06 }
07 function domain() {
08  ...
09 }
```

You need to implement the canAccessUserResources function.
Which code segment should you insert at line 02?

A.
```
var groupId = getGroupId("Users");
var link = domain().concat("/users/", userId, "/memberOf?api-version=2013-04-05");
var json = $.getJSON(link);
for (entry in json.Value)
  if (entry.objectId == groupId)
    return true;
return false;
```

B.
```
var groupId = getGroupId("Users");
var link = domain().concat("/isMemberOf?api-version=2013-04-05");
var json = $.post(link, { groupId: groupId, memberId: userId });
return json.value;
```

C.
```
var groupId = getGroupId("User");
var link = domain().concat("/roles/", groupId, "/?api-version=2013-04-05");
var json = $.getJSON(link);
return json.value;
```

D.
```
var groupId = getGroupId("Users");
var link = domain().concat("/groups/", groupId, "/members?api-version=2013-04-05");
var json = $.getJSON(link);
for (entry in json.Value)
  if (entry.objectId == userId)
    return true;
return false;
```

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

Answer: C

NEW QUESTION 176
You host an application on an Azure virtual machine (VM) that uses a data disk. The application performs several input and output operations per second.
You need to disable disk caching for the data disk.
Which two actions will achieve the goal? Each answer presents a complete solution.

A. Use the Azure Resource Manager REST API
B. Use the Service Management REST API.
C. Run the following Windows PowerShell cmdlet:Remove-AzureDataDisk
D. Run the following Windows PowerShell cmdlet:Set-AzureDataDisk

Answer: AD

Explanation:
Ref: http://msdn.microsoft.com/en-us/library/azure/jj157190.aspx

NEW QUESTION 181
You are developing a REST API service that provides data about products. The service will be hosted in an Azure virtual machine (VM).
The product data must be stored in Azure tables and replicated to multiple geographic locations.
API calls that use the HTTP GET operation must continue to function when the data tables at the primary Azure datacenter are not accessible.
You need to configure storage for the service. Which type of replication should you choose?

A. Locally Redundant Storage replication
B. Geo-Redundant Storage replication
C. Zone-Redundant Storage replication
D. Read-Access Geo-Redundant Storage replication

Answer: D

NEW QUESTION 186
HOTSPOT
Your company runs existing applications on virtual machines (VMs) that are hosted on
Azure.
You are preparing additional Azure services to support the existing applications. You run the following script. Line numbers are provided for reference only.

```
01 Add-AzureAccount
02 Select-AzureSubscription -SubscriptionName (Get-AzureSubscription)[0].SubscriptionName
03 New-AzureStorageAccount -Location "East US" -StorageAccountName "store314159265"
04 Set-AzureSubscription -CurrentStorageAccountName "store314159265" -SubscriptionName $subscriptionName
05 $vmImageNameDb = 'c290a6b031d841e09f2da759bbabe71f__Oracle-Database-121010.v3-SE-Lnx'
06 $vmImageNameApp = 'a699494373c04fc0bc8f2bb1389d6106__Windows-Server-2012-R2-201405.01-en.us-127GB.vhd'
07 $cs = New-AzureService -ServiceName "myService27182" -Location "East US"
08 $vmConfigDb = New-AzureVMConfig -Name "MyDb" -InstanceSize Large -ImageName $vmImageNameDb | `
    Add-AzureProvisioningConfig -Linux -LinuxUser 'dbadmin314' -Password 'ou812?_159265' | `
    Add-AzureDataDisk -CreateNew -DiskSizeInGB 250 -DiskLabel 'dbdata' -LUN 0
09 $vmConfigDb | New-AzureVM -ServiceName "myService27182"
10 $vmConfigApp = New-AzureVMConfig -Name "MyApp" -InstanceSize Medium -ImageName $vmImageNameApp | `
    Add-AzureProvisioningConfig -Windows -AdminUsername 'winadm314' -Password 'W!3d03_K05t07'
11 $vmConfigApp | New-AzureVM -ServiceName "myService27182"
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
The command in line 11 creates a new VM that has one local data disk that uses Azure blob storage.	○	○
The VM that runs Linux and the VM that runs Windows can communicate with each other by using internal IP addresses.	○	○
The VM that runs Windows can accept HTTP requests from the public Internet.	○	○

Answer:

Explanation: **Answer Area**

	Yes	No
The command in line 11 creates a new VM that has one local data disk that uses Azure blob storage.	○	◉
The VM that runs Linux and the VM that runs Windows can communicate with each other by using internal IP addresses.	◉	○
The VM that runs Windows can accept HTTP requests from the public Internet.	◉	○

NEW QUESTION 188
You are migrating an existing solution to Azure. The solution includes a user interface tier and a database tier. The user tier runs on multiple virtual machines (VMs). The user interface tier has a website that uses Node.js. The user interface tier has a background process that uses Python. This background process runs as a scheduled job. The user interface tier is updated frequently. The database tier uses a self-hosted MySQL database.
The user interface tier requires up to 25 CPU cores. You must be able to revert the user
interface tier to a previous version if updates to the website cause technical problems. The database requires up to 50 GB of memory. The database must run in a single VM.
You need to deploy the solution to Azure. What should you do first?

A. Deploy the entire solution to an Azure websit
B. Use a web job that runs continuously to host the database.
C. Deploy the database to a VM that runs Windows Server on the Standard tier.
D. Deploy the entire solution to an Azure websit
E. Run the database by using the Azure data management services.
F. Deploy the user interface tier to a V
G. Use multiple availability sets to continuously deploy updates from Microsoft Visual Studio Online.

Answer: C

NEW QUESTION 189
You store data in an Azure blob. Data accumulates at a rate of 0.10 GB per day.
You must use storage analytics data to verify that the service level agreement (SLA) has been met and to analyze the performance of VHDs, including the pattern of usage.
Analytics data must be deleted when it is older than 100 days or when the total amount of data exceeds 10 GB.
You need to configure storage analytics and access the storage analytics data.
Which two approaches will achieve the goal? Each correct answer presents part of the solution.

A. Disable the data retention policy.
B. Access analytics data by using the Service Management REST APL
C. Access analytics data by using the APIs used to read blob and table data.
D. Configure a data retention policy of 100 days.

Answer: CD

NEW QUESTION 191
HOTSPOT
You store JSON data in a blob by using the Azure Blob service. Web applications access the JSON data by using client-side JavaScript calls.
JSON data is stored in a container that is to allow anonymous access. Web applications that are allowed to make updates to the data have access to any necessary shared
access signatures (SASs) and storage keys.
You configure one -Origin Resource Sharing (CORS) rule for the https://fabrikam.com domain and then run the following method. Line numbers are provided for reference only.

```
01 void ConfigureBlobCorsRules(CloudBlobClient blobClient)
02 {
03   var blobServiceProperties = blobClient.GetServiceProperties();
04   var partnerCorsRule = new CorsRule();
05   partnerCorsRule.AllowedOrigins.Add("https://contoso.com");
06   partnerCorsRule.AllowedMethods = CorsHttpMethods.Post | CorsHttpMethods.Put;
07   partnerCorsRule.ExposedHeaders.Add("*");
08   partnerCorsRule.AllowedHeaders.Add("*");
09   blobServiceProperties.Cors.CorsRules.Add(partnerCorsRule);
10   var publicCorsRule = new CorsRule();
11   publicCorsRule.AllowedOrigins.Add("*");
12   publicCorsRule.AllowedMethods = CorsHttpMethods.Get;
13   publicCorsRule.ExposedHeaders.Add("*");
14   publicCorsRule.AllowedHeaders.Add("*");
15   blobServiceProperties.Cors.CorsRules.Add(publicCorsRule);
16   blobClient.SetServiceProperties(blobServiceProperties);
17 }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
Answer Area

	Yes	No
The CORS rule that was previously configured for https://fabrikam.com is no longer in effect after this method runs.	○	○
Partners from the https://contoso.com domain can access the configured storage by using the **HTTP HEAD** operation.	○	○
Partners from the https://contoso.com domain can access the configured storage service by using the **HTTP GET** operation.	○	○

Answer:

Explanation:

Answer Area

	Yes	No
The CORS rule that was previously configured for https://fabrikam.com is no longer in effect after this method runs.	○	○
Partners from the https://contoso.com domain can access the configured storage by using the **HTTP HEAD** operation.	○	○
Partners from the https://contoso.com domain can access the configured storage service by using the **HTTP GET** operation.	○	○

NEW QUESTION 195
You develop a web application that will use the Azure Table service. The web application will store entities in the form of XML data within a single table.
The web application must support high traffic throughput. You need to avoid exceeding the throttle limit for the table.
Which two actions should you take? Each correct answer presents part of the solution.

A. Add additional partition keys to the table.
B. Batch transactions for entities that are in the same partition group in the
C. Compress the entities before storing them in the table.
D. Store the entities in JSON format.

Answer: BD

NEW QUESTION 198
You are managing an application. The application uses data that is stored in an Azure SQL database.
You must be able to reset the application to the state that existed on any day in the previous 35 days.
You need to choose a backup solution. What should you do?

A. Run SQL replication on the SQL database once a day.
B. Use Microsoft Azure SQL Database Point in Time Restore
C. Use the SQL Server Data-Tier Application Framework to build a data-tier application (DAC) file once a day.
D. Use the bcp utility to export data to an Azure page blob once a day.

Answer: B

NEW QUESTION 199
HOTSPOT
Tailspin Toys uses a website to manage its inventory. The website is hosted on Azure. You are writing a Windows Store app that uses data from the blob storage.
You need to retrieve an image from the following URI: https://tailspintoys.blob.core.windows.net/Trains/Caboose2jpg.
How should you complete the relevant code? To answer, select the appropriate code segments in the answer area.

Answer Area

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
  CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudBlobClient blobClient = storageAccount.[ ▼ ] ();
```
BlobEndpoint
FileEndpoint
CreateCloudBlobClient
CreateCloudFileClient

```
CloudBlobContainer blobContainer =
  blobClient.[ ▼ ] ("trains");
```
GetContainerReference
GetBlobReferenceFromServerAsync

```
CloudBlockBlob myBlob =
  blobContainer.[ ▼ ] ("Caboose2.jpg");
```
GetBlockBlobReference
GetDirectoryReference

```
using (var fileStream = System.IO.File.OpenWrite
(@"path\myfile"))
  {
    myBlob.DownloadToStream(fileStream);
  }
```

Answer:

Explanation:

Answer Area

```
CloudStorageAccount storageAccount = CloudStorageAccount.Parse(
  CloudConfigurationManager.GetSetting("StorageConnectionString"));
CloudBlobClient blobClient = storageAccount.[          ]();
```

BlobEndpoint
FileEndpoint
CreateCloudBlobClient
CreateCloudFileClient

```
CloudBlobContainer blobContainer =
  blobClient.[          ]("trains");
```

GetContainerReference
GetBlobReferenceFromServerAsync

```
CloudBlockBlob myBlob =
  blobContainer.[          ]("Caboose2.jpg");
```

GetBlockBlobReference
GetDirectoryReference

```
using (var fileStream = System.IO.File.OpenWrite
(@"path\myfile"))
  {
    myBlob.DownloadToStream(fileStream);
  }
```

NEW QUESTION 200
You develop a web application that uses table storage in Azure.
You create a storage account named Contoso that stores a table named CityPopulationData. The web application stores entities in this table.
You need to query the table data by using OData. Which URL should you use?

A. http://contoso.table.core.windows.net/citypopulationdata
B. http://contoso.table.core.windows.net/odata/citypopulationdata
C. http://azurestorage.table.core.windows.net/contoso
D. http://microsoft.table.core.windows.net/contoso
E. http://azure.table.core.windows.net/contoso/citypopulationdata

Answer: A

NEW QUESTION 202
HOTSPOT
Your company works with trusted partners. These partners upload files into a storage account that you control.
Partners must be able to create, read, and write files. Partners must NOT be allowed to see files from other partners. You generate a shared access signature (SAS) for each partner. You create the following Windows PowerShell script to create a new container for each partner. Line numbers are included for reference only.

```
01 $containerName = "partner123files"
02 $key = (Get-AzureStorageKey -StorageAccountName $storageAccountName).Primary
03 $context = New-AzureStorageContext -StorageAccountName $storageAccountName `
     -StorageAccountKey $key
05 New-AzureStorageContainer -Name $containerName -Context $context
06 $filepath = "welcome.txt"
07 $blobname = "welcome.txt"
08 Set-AzureStorageBlobContent -Container $containerName -File "$filepath" `
     -Blob $blobname -Context $context -Properties @{"ContentType"="text/plain"}
09 $oneYearFromNow = (Get-Date).AddYears(1)
10 $sasToken = New-AzureStorageContainerSASToken -Name $containerName `
     -Permission 'rwdl' -ExpiryTime $oneYearFromNow -Context $context
11 $sasBlobUri = New-AzureStorageBlobSASToken -Container $containerName `
     -Permission 'r' -ExpiryTime $oneYearFromNow -Context $context `
     -FullUri -Blob $blobname
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
Running the command at line 10 a second time invalidates the previously generated SAS token.	○	○
Web browsers can open the welcome.txt file directly by using the full URI and the SAS token for the file.	○	○
If the primary storage key is regenerated, the SAS token is still valid until its expiration date is reached.	○	○

Answer:

Explanation: **Answer Area**

	Yes	No
Running the command at line 10 a second time invalidates the previously generated SAS token.	○	○
Web browsers can open the welcome.txt file directly by using the full URI and the SAS token for the file.	○	○
If the primary storage key is regenerated, the SAS token is still valid until its expiration date is reached.	○	○

NEW QUESTION 206
HOTSPOT
A company creates an Azure worker role to manage products.
The number of customers who inquire about how many products are in inventory rapidly increases.
You need to ensure that the worker role can scale to accommodate the increased workload. How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

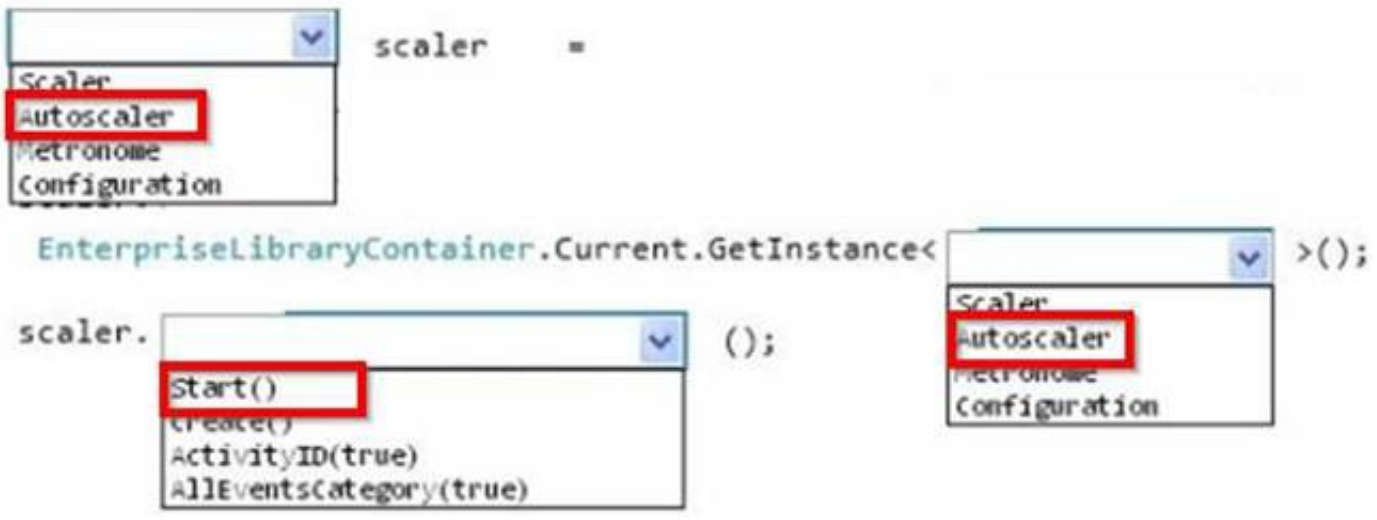
Answer Area

```
[ Scaler / Autoscaler / Metronome / Configuration ] scaler =
EnterpriseLibraryContainer.Current.GetInstance<[ Scaler / Autoscaler / Metronome / Configuration ]>();
scaler.[ Start() / Create() / ActivityID(true) / AllEventsCategory(true) ]();
```

Answer:

Explanation:

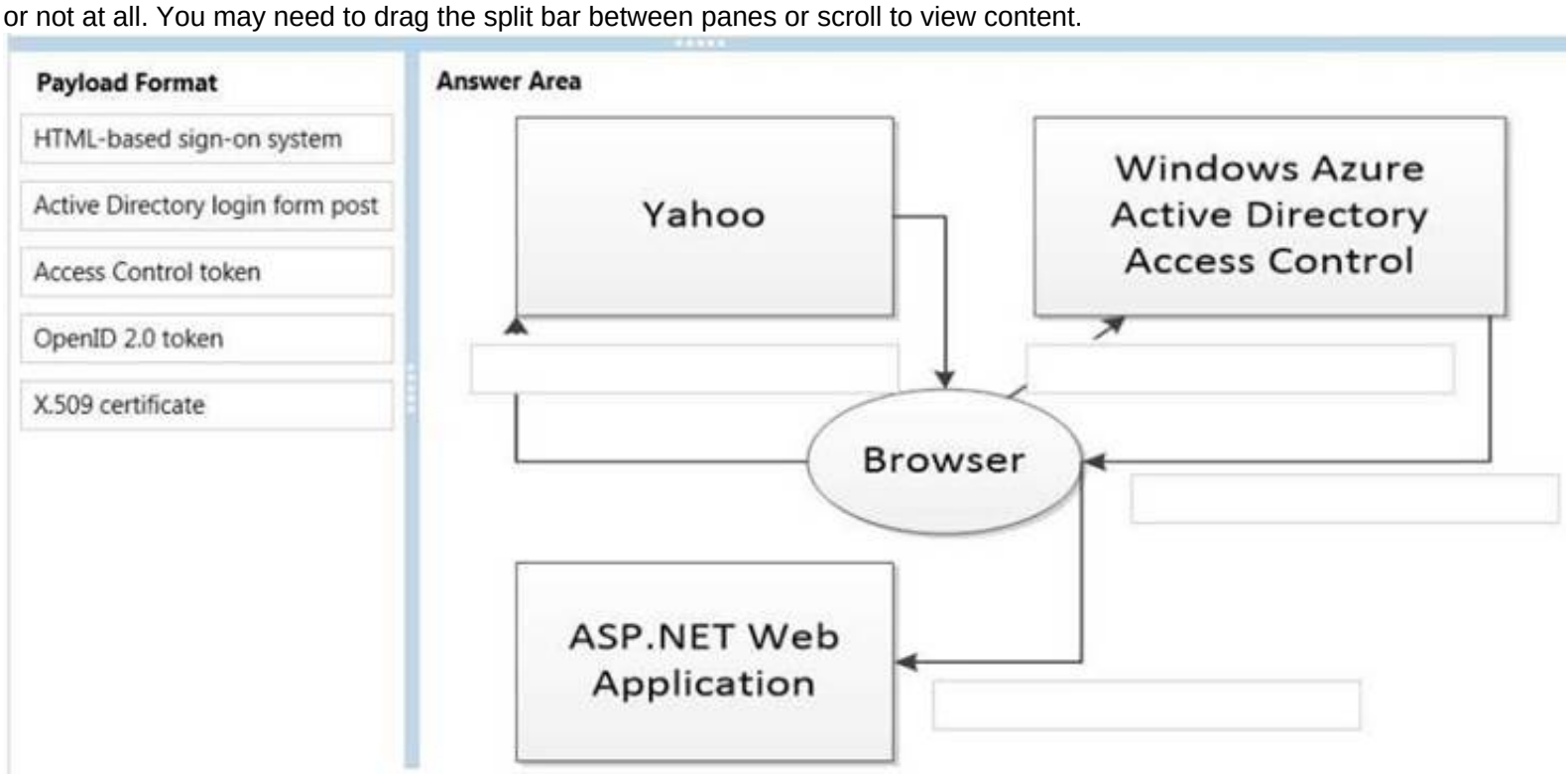
Answer Area



NEW QUESTION 208
You connect to an existing service over the network by using HTTP. The service listens on HTTP port 80. You plan to create a test environment for this existing service by using an Azure virtual machine (VM) that runs Windows Server.
The service must be accessible from the public Internet over HTTP port 8080. You need to configure the test environment.
Which two actions should you take? Each correct answer presents part of the solution.
A. Configure an endpoint to route traffic from port 8080 to port 80.
B. Configure an endpoint to route traffic from port 80 to port 8080.
C. Ensure that the public IP address is configured as a static IP address.
D. Configure the Server firewall to allow incoming and outgoing traffic on port 8080.
E. Configure the Windows Server firewall to allow incoming and outgoing traffic on port 80.

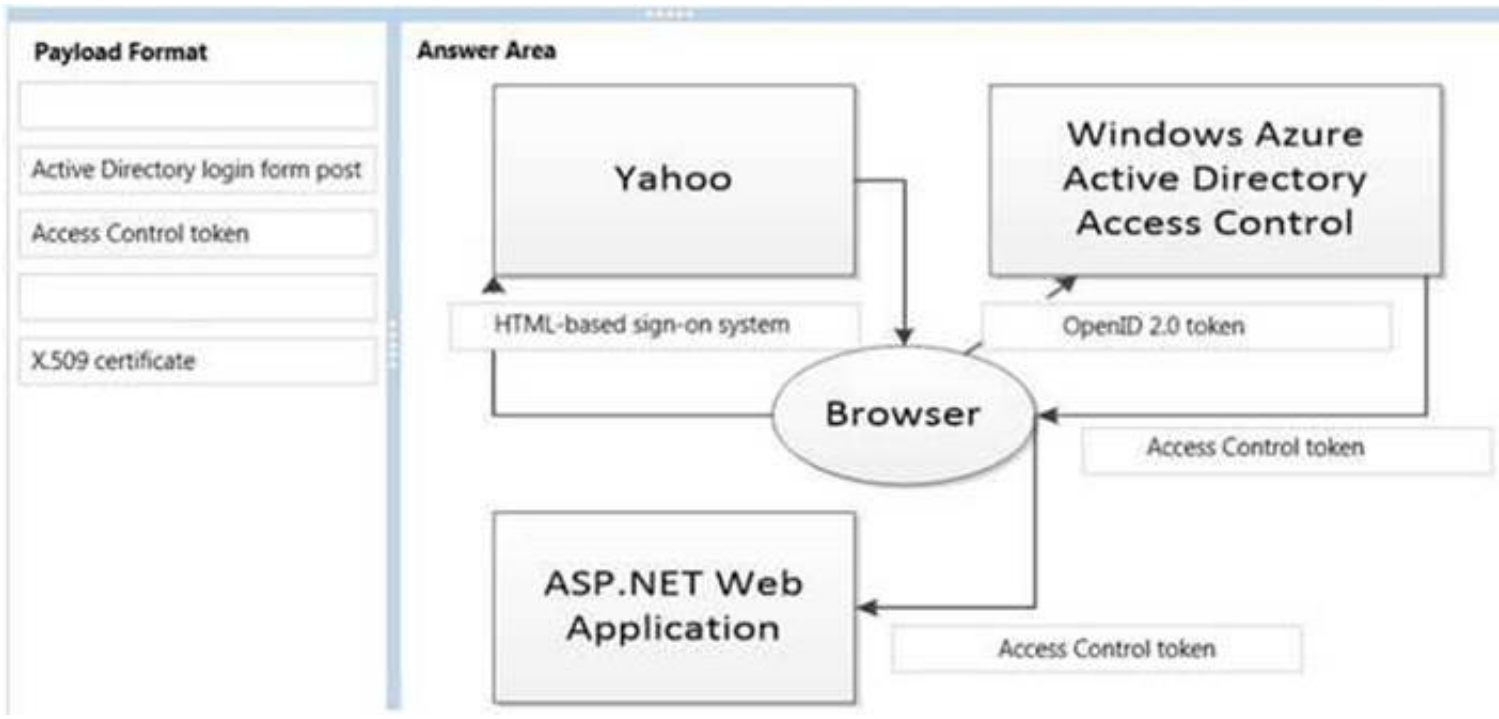
Answer: AE

NEW QUESTION 213
DRAG DROP
You are converting an existing ASP.NET web application to use the Azure Active Directory (AD) Access Control service for authentication. The application will authenticate users by using their Yahoo account credentials.
You need to determine the correct payload for each stage of the authentication process.
What should you do? To answer, drag the appropriate payload to the correct location on the dialog box. Each payload format 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.



Answer:

Explanation:



NEW QUESTION 217
You plan to deploy an application as a cloud service. The application uses a virtual network to extend your on-premises network into Azure.
You need to configure a site-to-site VPN for cross-premises network connections.
Which two objects should you configure? Each correct answer presents part of the solution.

A. Dynamic routing gateway
B. VPN gateway
C. External-facing IPv6 address
D. External-facing IPv4 address

Answer: BD

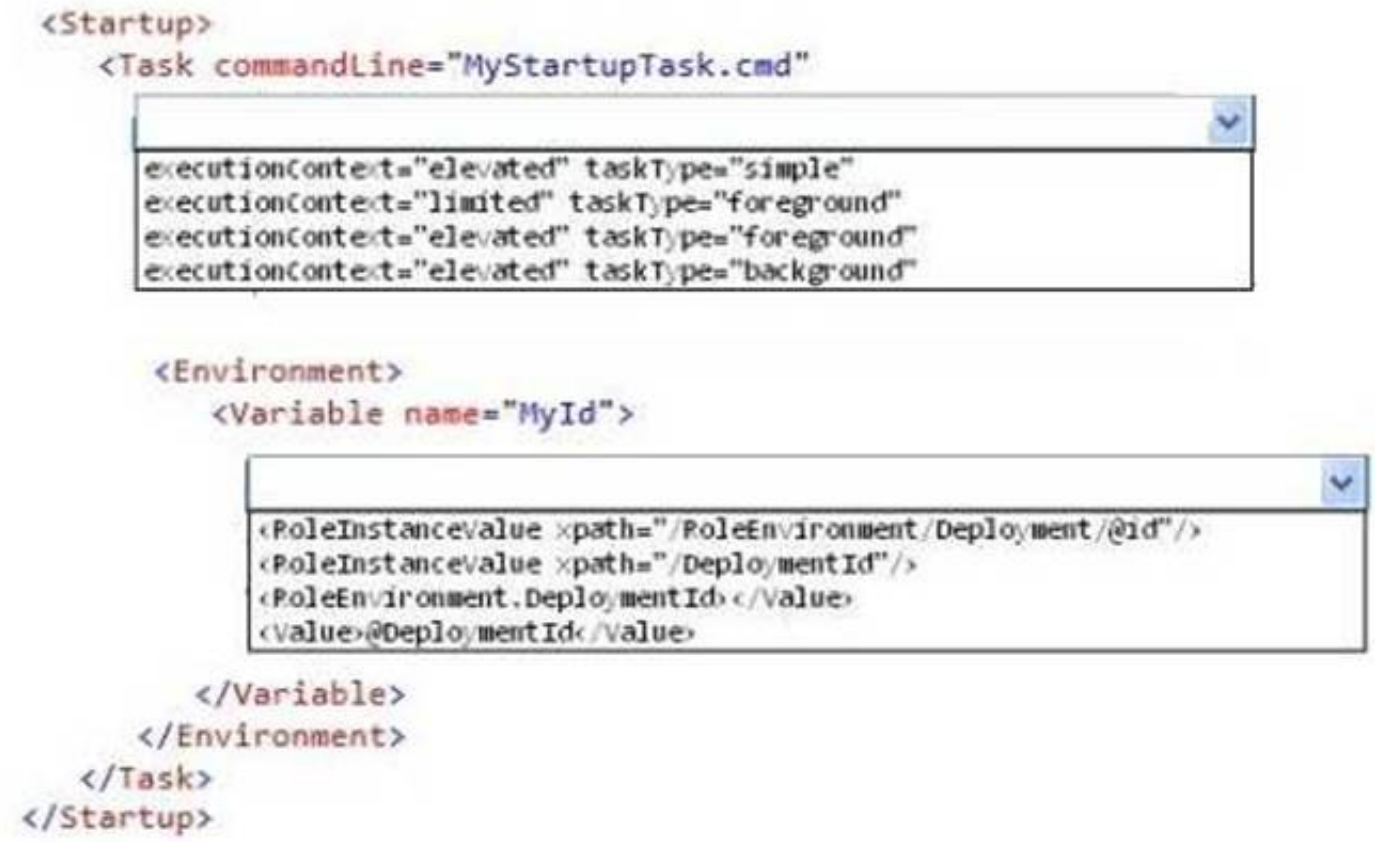
NEW QUESTION 220
A company creates an API and makes it accessible on an Azure website. External partners use the API occasionally. The website uses the Standard web hosting plan.
Partners report that the first API call in a sequence of API calls occasionally takes longer than expected to run. Subsequent API calls consistently perform as expected.
You need to ensure that API calls perform consistently. What should you do?

A. Configure the website to use the Basic web hosting plan.
B. Enable Always On support.
C. Configure the website to automatically scale.
D. Add a trigger to the web.config file for the website that causes the website to recycle periodically.

Answer: B

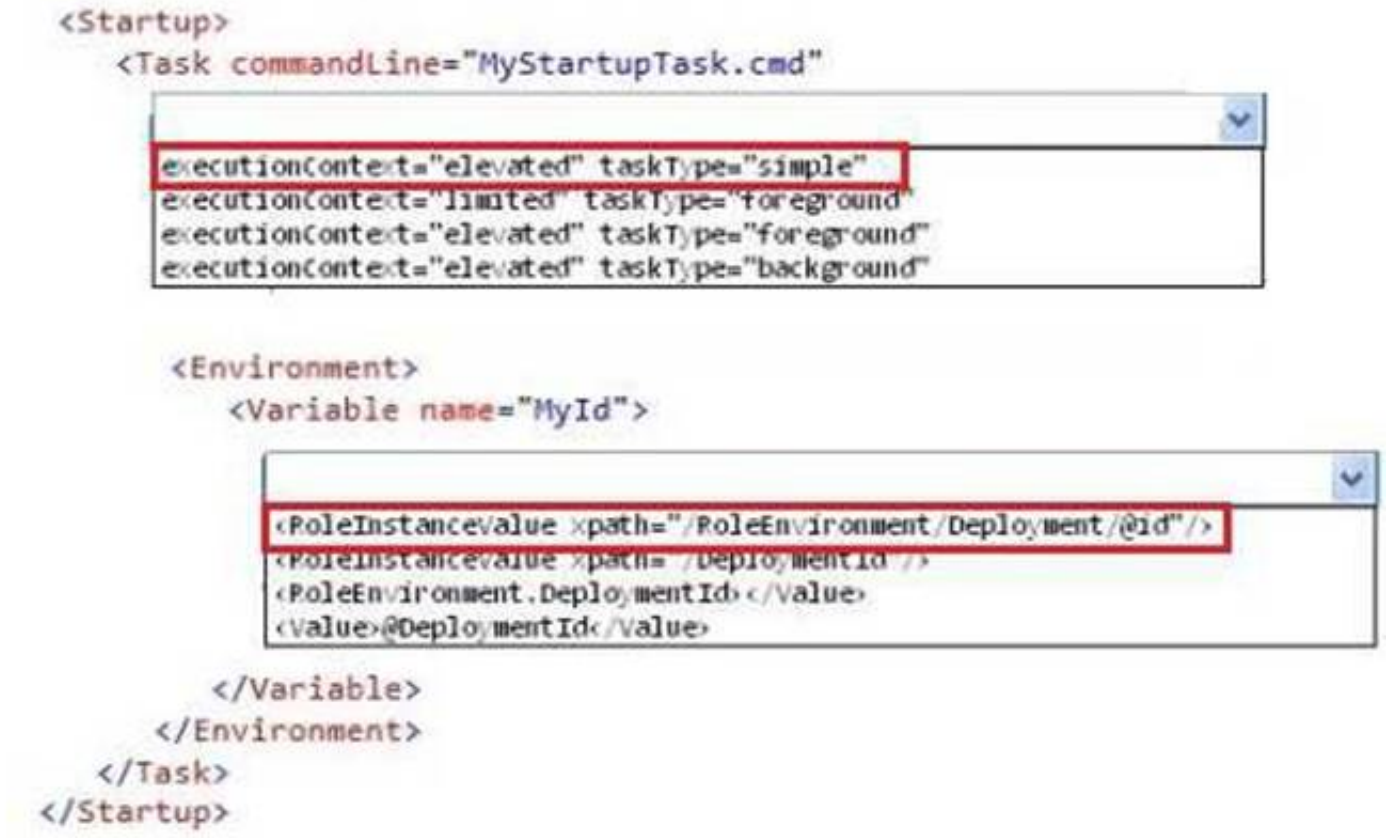
NEW QUESTION 224
HOTSPOT
You have a cloud service that runs an external process that is named MyStartupTask.cmd. The cloud service runs this external process when the web role starts. The external process writes information to the Windows registry. You set the value of an environment variable named MyID to the deployment ID for the current web role instance.
The external process must complete writing the information to the Windows registry before the web role starts to accept web traffic.
You need to configure the cloud service.
How should you complete the relevant markup? To answer, select the appropriate option or options in the answer

Answer Area



Answer:

Explanation: **Answer Area**



NEW QUESTION 229
DRAG DROP
You deploy an application as a cloud service to Azure. The application contains a web role to convert temperatures between Celsius and Fahrenheit.
The application does not correctly convert temperatures. You must use Microsoft Visual Studio to determine why the application does not correctly convert temperatures.
You need to debug source code in Azure.
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.

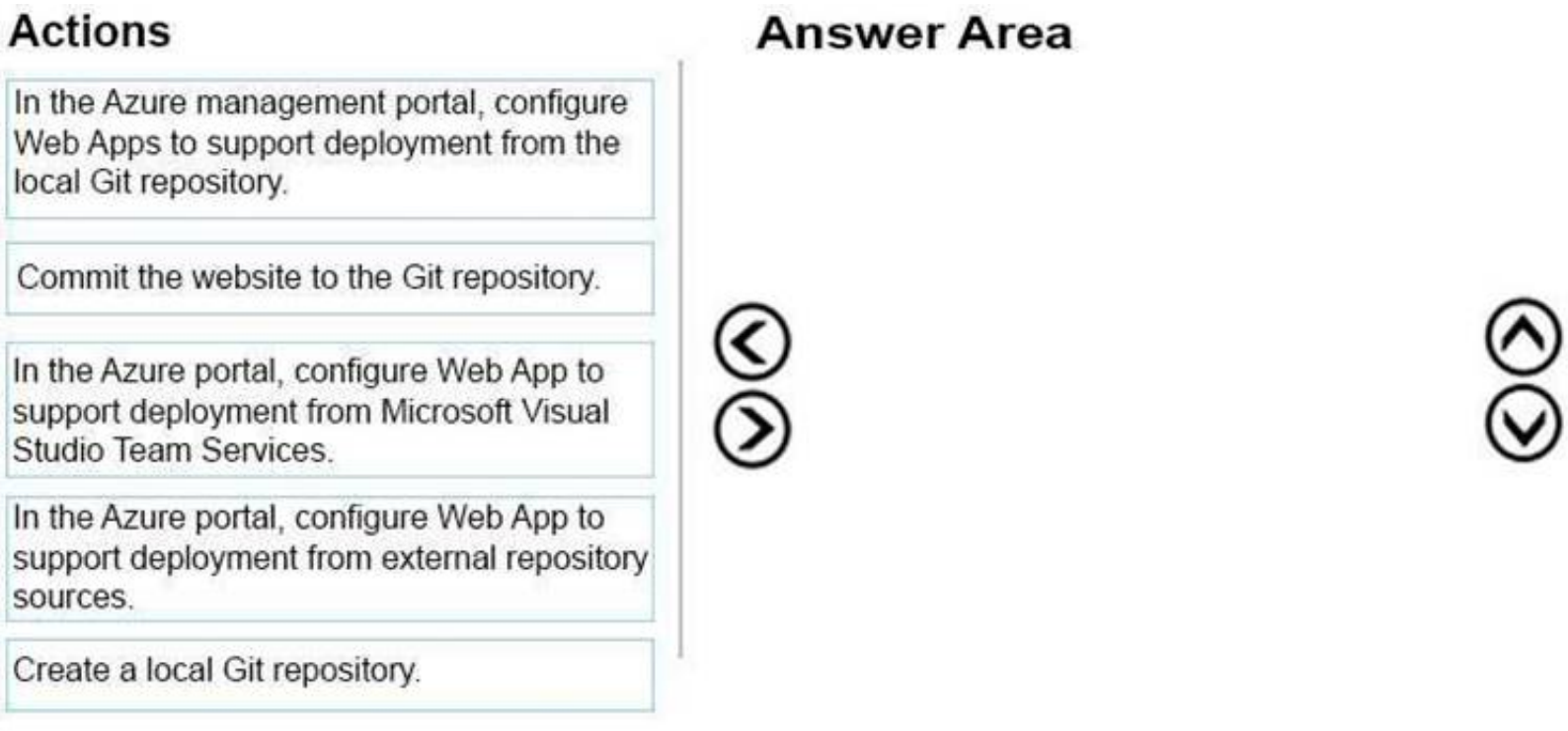
Actions	Answer Area
Attach the debugger to the role instance of the cloud service.	
Publish the application.	
In the Microsoft Azure Publish Settings dialog, set the build configuration to **Release** and enable the remote debugger for all roles.	
In the Windows Azure Publish Settings dialog, set the build configuration to **Debug**.	
In the Microsoft Azure Publish Settings dialog, enable Remote Desktop for cloud configuration and enable the remote debugger for all roles.	

Answer:

Explanation:

Actions	Answer Area
Attach the debugger to the role instance of the cloud service.	Publish the application.
Publish the application.	In the Microsoft Azure Publish Settings dialog, set the build configuration to **Release** and enable the remote debugger for all roles.
In the Microsoft Azure Publish Settings dialog, set the build configuration to **Release** and enable the remote debugger for all roles.	Attach the debugger to the role instance of the cloud service.
In the Windows Azure Publish Settings dialog, set the build configuration to **Debug**.	
In the Microsoft Azure Publish Settings dialog, enable Remote Desktop for cloud configuration and enable the remote debugger for all roles.	

NEW QUESTION 231
DRAG DROP
Your team uses a proprietary source control product. You use FTP to manually deploy an Azure Web App.
You must move your source code from the proprietary source control product to a secure on- premises Git versioning system. Instead of deploying the website by using FTP, the website must automatically deploy to Azure each time developers check-in source files.
You need to implement the new deployment strategy.
Which three actions should you perform in sequence? answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation: References:
https://docs.microsoft.com/en-us/aspnet/core/publishing/azure-continuous-deployment

NEW QUESTION 235
HOTSPOT
You are developing an Azure cloud service for a company. The cloud service monitors a queue for incoming messages and then processes invoices based on the contents of these messages.
Some messages are formed incorrectly and cause exceptions. There no time limit for how long the service takes to process an individual message.
All messages must be processed at least once by using the ProcessMessage method. Messages must not be processed more than twice by using the ProcessMessage method. Messages that fail normal processing must be processed by using the ProcessPoisonMessage method.
You need to configure message processing.
How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

Answer Area

```
private bool ProcessNextQueueMessage(CloudQueue cloudQueue)
{
    var msg = cloudQueue.GetMessage();
    [ if (msg == null) return false;
      if (msg.DequeueCount > 0) return false;
      if (msg.PopReceipt == null) return false;
      if (msg.ExpirationTime.HasValue) return false; ]
    [ if (msg == null)
      if (msg.DequeueCount > 0)
      if (msg.DequeueCount > 2)
      if (msg.PopReceipt == null) ]
        ProcessPoisonMessage(msg);
    else
        ProcessMessage(msg);
    [ cloudQueue.Delete();
      cloudQueue.DeleteMessage(msg);
      cloudQueue.EndAddMessage(null);
      cloudQueue.DeleteMessage(null); ]
    return true;
}
```

Answer:

Explanation:

Answer Area

```
private bool ProcessNextQueueMessage(CloudQueue cloudQueue)
{
    var msg = cloudQueue.GetMessage();
    [ if (msg == null) return false;
      if (msg.DequeueCount > 0) return false;
      if (msg.PopReceipt == null) return false;
      if (msg.ExpirationTime.HasValue) return false; ]
    [ if (msg == null)
      if (msg.DequeueCount > 0)
      if (msg.DequeueCount > 2)
      if (msg.PopReceipt == null) ]

        ProcessPoisonMessage(msg);
    else
        ProcessMessage(msg);
    [ cloudQueue.Delete();
      cloudQueue.DeleteMessage(msg);
      cloudQueue.EndAddMessage(null);
      cloudQueue.DeleteMessage(null); ]
    return true;
}
```

NEW QUESTION 240
HOTSPOT
You deploy a new version of a cloud-service application to a staging slot. The application consists of one web role. You prepare to swap the new version of the application into the production slot. Your Azure account has access to multiple Azure subscriptions. You load the Azure PowerShell cmdlets into the Windows PowerShell command shell. The command
shell is NOT configured for certificate-based authentication.
You must use the Windows PowerShell command window to configure the application. You need to create five instances of the web role.
How should you configure the relevant Windows PowerShell script? To answer, select the appropriate option or options in the answer area.

Answer Area

```
$subscription = 'mysubscription'
$service = 'myservice'
$rolename = 'myrole'

[ Add-AzureAccount
  Get-AzureAccount -Name $subscription
  Get-AzureAccount ]

[ Select-AzureSubscription -SubscriptionName $subscription
  Set-AzureSubscription -SubscriptionName $subscription
  Set-AzureSubscription -SubscriptionId $subscription ]

[ Set-AzureRole -ServiceName $service -Slot Staging -RoleName $rolename -Count 5
  Set-AzureRole -ServiceName $service -RoleName $rolename -Count 5
  Set-AzureRole -ServiceName $service -Slot Production -RoleName $rolename -Count 5
  Add-AzureWebRole -Name $service -Instances 5 ]
```

Answer:

Explanation:

Answer Area

```
$subscription = 'mysubscription'
$service = 'myservice'
$rolename = 'myrole'
```

```
Add-AzureAccount
Get-AzureAccount -Name $subscription
Get-AzureAccount
```

```
Select-AzureSubscription -SubscriptionName $subscription
Set-AzureSubscription -SubscriptionName $subscription
Set-AzureSubscription -SubscriptionId $subscription
```

```
Set-AzureRole -ServiceName $service -Slot Staging -RoleName $rolename -Count 5
Set-AzureRole -ServiceName $service -RoleName $rolename -Count 5
Set-AzureRole -ServiceName $service -Slot Production -RoleName $rolename -Count 5
Add-AzureWebRole -Name $service -Instances 5
```

NEW QUESTION 243
A private cloud is defined as:

A. A model that uses an external cloud to provide host application services that are Internet accessible.
B. A deployment model that partners with other industry related companies to provide infrastructure services.
C. A deployment model that uses virtualization technologies to provide infrastructure on demand within its network.
D. A deployment model that uses an external cloud provider to provide host infrastructure services that are Internet accessible.

Answer: C

Explanation: Private cloud is a type of cloud computing that delivers similar advantages to public cloud,
including scalability and self-service, but through a proprietary architecture. Unlike public clouds, which deliver services to multiple organizations, a private cloud is dedicated to a single organization.
Private cloud expenses include virtualization, cloud software and cloud management tools. References:
http://searchcloudcomputing.techtarget.com/definition/private-cloud

NEW QUESTION 248
A company is designing a new web-based software application that must be highly available and resistant. Which of the following is the BEST environment for the application?

A. The primary instance of the application will be locally hosted with a weekly copy of the instance send to a cloud service provider.
B. The primary instance of the application will be locally hosted with a nightly file-level backup being performed to an off-site location.
C. The primary instance of the application will be running a cloud service provider's hosted environment with a continuous backup to the company's local infrastructure.
D. The primary instance of the application will be locally hosted with a nightly copy of the instance sent to a client service provider.

Answer: C

NEW QUESTION 253
Which of the following are the MOST important benefits of a cloud computing solution for an application development provider? (Select two.)

A. Reduced training time for new developers
B. Reduced storage requirements.
C. Reduced complexity for users.
D. Reduced bandwidth usage.
E. Reduced cost.
F. Reduced development timeframe.

Answer: EF

Explanation: The biggest promise of Azure-based applications is the ability to write them to scale as needed in real-time. Customers will therefore only use the amount of resources they need, rather than budgeting a set amount of resources that can overtax or underutilize their current setup.
References: http://searchcloudcomputing.techtarget.com/tutorial/An-introduction-to- developing-for-Microsoft-Azure

NEW QUESTION 258

Which of the following virtualization characteristics allows the use of different types of physical types or physical servers?

A. Security
B. Hardware independence
C. Scalability
D. Variable costs

Answer: B

Explanation: Virtualization is a conversion process that translates unique IT hardware into emulated and standardized software-based copies. Through hardware independence, virtual servers can easily be moved to another virtualization host, automatically resolving multiple hardware- software incompatibility issues. As a result, cloning and manipulating virtual IT resources is much easier than duplicating physical hardware.
References: http://whatiscloud.com/virtualization_technology/hardware_independence

NEW QUESTION 262
Which of the following cloud computing services requires the MOST involvement from a company's in-house staff?

A. IaaS
B. MaaS
C. PaaS
D. SaaS

Answer: A

Explanation: Infrastructure as a service (IaaS) is an instant computing infrastructure, provisioned and managed over the Internet. Quickly scale up and down with demand, and pay only for what you use.
IaaS helps you avoid the expense and complexity of buying and managing your own physical servers and other datacenter infrastructure. Each resource is offered as a separate service component, and you only need to rent a particular one for as long as you need it. The cloud computing service provider manages the infrastructure, while you purchase, install, configure, and manage your own software—operating systems, middleware, and applications.
References: https://azure.microsoft.com/en-us/overview/what-is-iaas/

NEW QUESTION 267
After migrating the company's entire datacenter infrastructure to a private IaaS solution, while at the same time maintaining the current network and server logical configuration, the IT director eliminated 50% of the IT engineering staff. The remaining staff has now shifted focus from a daily server maintenance and upkeep role, to more of a service provisioning, performance, and reporting role. Which of the following was MOST impacted by this migration?

A. Service design
B. Service strategy
C. Service operation
D. Service transitions

Answer: C

NEW QUESTION 271
A small company with an in-house IT staff is considering implementing a new technology that their current IT staff is unfamiliar with. The company would like to implement the new technology as soon as possible but does not have the budget to hire new IT staff. Which of the following should the company consider?

A. Cloud computing
B. New hardware
C. Outsourcing
D. Virtualization

Answer: C

NEW QUESTION 272
Which of the following enables hardware independence?

A. In-sourcing
B. Outsourcing
C. Virtualization
D. Abstraction

Answer: C

Explanation: Virtualization is a conversion process that translates unique IT hardware into emulated and standardized software-based copies. Through hardware independence, virtual servers can easily be moved to another virtualization host, automatically resolving multiple hardware- software incompatibility issues. As a result, cloning and manipulating virtual IT resources is much easier than duplicating physical hardware.
References: http://whatiscloud.com/virtualization_technology/hardware_independence

NEW QUESTION 275
When using SaaS, the cloud computing vendor is responsible to maintain which of the following?

A. Client infrastructure
B. Client firewall
C. Updates and licenses.

D. Workstation OS version.

Answer: C

NEW QUESTION 277
Which of the following is the MOST significant risk to business continuity when using an external cloud service provider?

A. Unauthorized access to customer data
B. Vendor being purchasedC, Virtual server failure
C. Vendor going out of business

Answer: A

Explanation: If your application stores and retrieves very sensitive data, you might not be able to maintain it in the cloud. Similarly, compliance requirements could also limit your choices.
References: http://cloudacademy.com/blog/cloud-migration-benefits-risks/

NEW QUESTION 282
Cloud computing relies heavily on which of the following virtualization characteristics? (Select two.)

A. User federation
B. Hardware independence
C. Simplistic setup
D. Scalable resources
E. Information sharing

Answer: BD

Explanation: B: Virtualization is a conversion process that translates unique IT hardware into emulated and standardized software-based copies. Through hardware independence, virtual servers can easily be moved to another virtualization host, automatically resolving multiple hardware- software incompatibility issues. As a result, cloning and manipulating virtual IT resources is much easier than duplicating physical hardware.
D: Infrastructure as a Service (IaaS) is a form of cloud computing that provides virtualized computing resources over the Internet. IaaS platforms offer highly scalable resources that can be adjusted on-demand.
References: http://whatiscloud.com/virtualization_technology/hardware_independence
http://searchcloudcomputing.techtarget.com/definition/Infrastructure-as-a-Service-IaaS

NEW QUESTION 284
Following an IT Service Management lifecycle approach, a Chef Information Officer would take which of the following paths to implement a cloud solution?

A. Choose the SaaS provider, Design the application; Choose whether to develop the service application in-house or outsource; Operate the service application in the cloud.
B. Decide whether to implement on the cloud; Choose a XaaS provider, Design the application; Choose where to develop the service application; Operate the service application in the cloud.
C. Decide whether to implement the application on the cloud; Choose an IaaS provider; Choose whether to develop the service in-house; Operate the Service application in the cloud.
D. which IaaS provider to use; Design the application; Transition processes to the cloud; Operate the service application in the cloud.

Answer: C

NEW QUESTION 286
An organization wants to host a critical application on two redundant leased servers located on the ISP's datacenter. Which of the following is this an example of?

A. PaaS
B. IaaS
C. Public cloud
D. SaaS

Answer: B

Explanation: Infrastructure as a service (IaaS) is an instant computing infrastructure, provisioned and managed over the Internet.
IaaS helps you avoid the expense and complexity of buying and managing your own physical servers and other datacenter infrastructure. Each resource is offered as a separate service component, and you only need to rent a particular one for as long as you need it. The cloud computing service provider manages the infrastructure, while you purchase, install, configure, and manage your own software—operating systems, middleware, and applications.

References: https://azure.microsoft.com/en-us/overview/what-is-iaas/

NEW QUESTION 288
A cloud usage metering scheme allows for which of the following customer chargeback alternatives?

A. Cost allocation
B. Cost amortization
C. Shared cost
D. Direct cost

Answer: D

Explanation: CHARGEBACK METHODS
A range of approaches have been developed for implementing chargeback in an organization,
as summarized in the figure below. The degree of complexity, degree of difficulty, and cost
to implement decreases from the top of the chart [service-based pricing (SBP)], to the bottom [high-level allocation (HLA)]. HLA is the simplest method; it uses a straight division of IT costs based on a generic metric such as headcount. Slightly more effort to implement is low- level allocation (LLA), which bases consumer costs on something more related to IT activity such as the number of users or servers. Direct cost (DC) more closely resembles a time and materials charge but is often tied to headcount as well.
Figure, Methods for chargeback allocation.

METHOD	DESCRIPTION
Service Based Pricing (SBP)	Charges per a specific measured unit of service
Negotiated Flat Rate (NFR)	Charges based on a negotiated and often projected usage of a service
Tiered Flat Rate (TFR)	Charges based on providing access to a service whether the service is being used or not (fliers or bands pricing)
Measured Resource Usage (MRU)	Charges based on actual measured usage of specific IT resources (e.g., kW consumed, network bandwidth consumed, and storage consumed)
Direct Cost (DC)	Charges based on dedicated ownership of the resource (e.g., time and material based costing)
Low-level Allocation (LLA)	Charges based on simpler user metrics (e.g., user counts and server counts)
High-level Allocation (HLA)	Charges based on user size (e.g., number of employees and amount of revenue)

References: https://journal.uptimeinstitute.com/it-chargeback-drives-efficiency/

NEW QUESTION 290
Virtual Desktop Interface (VDI) will present challenges for the network administrator as they move their users to the cloud. Which of the following would be considered a major challenge?

A. Developing a backup environment for the end user
B. Troubleshooting the users' applications
C. Supporting multiple devices (e.
D. tablets, thin clients)
E. Centralizing the applications

Answer: C

Explanation: References: https://msdn.microsoft.com/en-us/library/dn903170.aspx

NEW QUESTION 294
A company Chef Information Officer (CIO) who wants to ensure rapid elasticity for the company's cloud solution would MOST likely choose which of the following types of cloud?

A. Public cloud
B. Private community cloud
C. Private cloud
D. Community cloud

Answer: C

Explanation: Rapid elasticity is a cloud computing term for scalable provisioning, or the ability to provide scalable services.
Software that can scale in a private cloud faces two security related issues:
References: http://social.technet.microsoft.com/wiki/contents/articles/6810.private-cloud-security-challenges-rapid-elasticity.aspx

NEW QUESTION 299
Consumption statistics for individual cloud service offerings is used by which of the following ITIL processes?

A. Supplier management
B. Continuous service improvement
C. Service level management
D. Information security management

Answer: C

Explanation: ITIL defines Service Management as "a set of specialised organisational capabilities for providing value to customers in the form of services".
The managed service provider will intermediate between the cloud service provider and consumer, aligning the two and ensuring minimal service disruptions.
ITIL Service Level Management aims to negotiate Service Level Agreements with the customers and to design services in accordance with the agreed service level targets. Service Level Management is also responsible for ensuring that all Operational Level Agreements and Underpinning Contracts are appropriate, and to monitor and report on service levels. References:
https://blog.kloud.com.au/2016/04/06/consumption-based-service-management/ http://wiki.en.it-processmaps.com/index.php/Service_Level_Management

NEW QUESTION 300
An application development company is considering implementing a cloud solution to help improve time to market with new software upgrades. The existing application has been in use by customers for several years and contains a large amount of code. Which of the following types of clouds would be BEST for this company to implement?

A. IaaS
B. XaaS
C. PaaS
D. SaaS

Answer: C

Explanation: Platform as a service (PaaS) is a complete development and deployment environment in the cloud, with resources that enable you to deliver everything from simple cloud-based apps to sophisticated, cloud-enabled enterprise applications. You purchase the resources you need from a cloud service provider on a pay-as-you-go basis and access them over a secure Internet connection.
Like IaaS, PaaS includes infrastructure—servers, storage, and networking—but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.
PaaS allows you to avoid the expense and complexity of buying and managing software licenses, the underlying application infrastructure and middleware or the development tools and other resources. You manage the applications and services you develop, and the cloud service provider typically manages everything else.
References: https://azure.microsoft.com/en-us/overview/what-is-paas/

NEW QUESTION 304
A critical internal IT server provisioning process is under review and the IT manager is considering moving the process to the cloud. The IT staff has selected the cloud provider and must migrate the process. Which of the following MUST the IT staff do to ensure the transaction meets the IT manager's requirements?

A. Pilot the process using cloud resources and perform a comprehensive test.
B. Survey the business users and implement the solution that received the most positive feedback.
C. Ask the server administrator to sign off and approve the implementation plan.
D. Shift the current process to the cloud since the SLA will guarantee 99.999% availability.

Answer: A

NEW QUESTION 308
One of the strategic reasons to source component technology purchases from multiple providers is to:

A. Avoid vendor lock-in.
B. Influence governmental organizations.
C. Keep vendor prices down.
D. Encourage vendor control.

Answer: A

Explanation: When it comes to building applications for the cloud, John Gossman, an employee of Microsoft, thinks agility and portability are essential. "You don't want to get locked in too much to a particular vendor, strategy, technology, whatever," he says.
Likewise, he added, you aren't likely to last long if your plan is to pick a single public cloud vendor and host everything there.
References: http://www.theregister.co.uk/2014/12/06/microsoft_linux_and_the_cloud/

NEW QUESTION 313
Which of the following will allow an organization to integrate internal identity management services with a cloud provider in order to provide single sign on across the internal and
cloud-hosted environments?

A. Virtualization
B. Federation
C. Role-based authentication
D. Outsourcing

Answer: B

Explanation: Azure AD supports three different ways to sign in to applications:
References: https://azure.microsoft.com/en-us/documentation/articles/active-directory- appssoaccess-whatis/

NEW QUESTION 316
Which of the following is a potential advantage of using Storage as a Service?

A. Data is accessible when the Internet is not functioning
B. In-house IT staff controls all data
C. Increase in encryption technologies
D. Decrease in IT management of the platform

Answer: D

Explanation: One advantages of SaaS is that is makes it easy to “mobilize” your workforce because users can access SaaS apps and data from any Internet-connected computer or mobile device. You don’t need to worry about developing apps to run on different types of computers and
devices because the service provider has already done so. In addition, you don’t need to bring special expertise onboard to manage the security issues inherent in mobile computing. A carefully chosen service provider will ensure the security of your data, regardless of the type of device consuming it.
References: https://azure.microsoft.com/en-us/overview/what-is-saas/

NEW QUESTION 318
Locating datacenters close to target markets is the result of which of the following strategic initiatives?

A. Geoproximity
B. Geodiversity
C. Geography
D. Localization

Answer: A

Explanation: Azure allows specification of geographical regions or affinity groups. Geographical regions are related to the data centers, like North Central US, South Central US, Anywhere US, East Asia, North Europe, and so on. The list of options will grow as more data centers are added. Instead of selecting a region, it is possible to specify an affinity group. Affinity groups are hints to Azure that essentially state that everything within the group should be as close in proximity as Azure will allow. That usually means keeping items within the same data center, which besides having the benefit of geo-location, can sometimes offer performance improvements for communication.
References: http://greglevenhagen.com/azure-geographical-location-restriction/

NEW QUESTION 322
A company would like to move an application to the cloud which resides on a single physical server in their datacenter. The server has two drives, one of which hosts operating system, and the other hosts the application dat

A. The operating system has been showing errors recently and the application data was corrupted last Friday at 4:00P
B. Data is backed up every day at 1:00P
C. Which of the following would be the BEST option for migrating this application to the cloud?
D. Setup a server in the cloud, install an operating system, install the application and copy the data to the cloud server from last Friday’s backup.
E. Setup a server in the cloud, install an operating system, install and configure the application and copy the data the cloud server from last Thursday’s backup.
F. Clone or P2V the server with both drivers to the cloud platform.
G. Clone or P2V the server with the application to the cloud platform and copy the operating system to the cloud server.

Answer: A

Explanation: Use the latest backup of the application data.

NEW QUESTION 324
An existing capability is being migrated into the cloud. Capacity management issues have been noticed in the past and an exercise is being performed to calculate current and future volumes. In which of the following lifecycle phases is this likely to be performed?

A. Operation
B. Design
C. Transition
D. Strategy

Answer: C

NEW QUESTION 328
An entrepreneur has decided to open an e-commerce site to complement their retail store. After researching their options, they decide that a PaaS solution will be sufficient. To reduce upfront cost, the entrepreneur intends to build the site themselves. Which of the following skill-tests will be needed?

A. Firewall Administration
B. Web-Server Administration
C. Security standard development
D. Application development

Answer: D

Explanation: Platform as a service (PaaS) is a complete development and deployment environment in the cloud, with resources that enable you to deliver everything from simple cloud-based apps to sophisticated, cloud-enabled enterprise applications.
PaaS allows you to avoid the expense and complexity of buying and managing software licenses, the underlying application infrastructure and middleware or the development tools and other resources. You manage the applications and services you develop, and the cloud service provider typically manages everything else.
References: https://azure.microsoft.com/en-us/overview/what-is-paas/

NEW QUESTION 331
An organization is planning to host a number of its critical applications in the cloud. Which of the following is the Best way to gain a broad assurance of the cloud provider's security posture?

A. A review that includes interviewing key security stakeholders and identifying the key controls that they operate.
B. A review that includes security policies, evidence of the controls, physical site assessments and vulnerability scanning.
C. A review that includes the right to audit on a yearly basis and review of the security clauses in the contract.
D. A review that includes security applications, external audits, intrusion detection and firewall policy reviews.

Answer: B

NEW QUESTION 332
One major impact that cloud computing has had on the application development process is the need for greater:

A. security
B. speed
C. isolation
D. standardization

Answer: A

NEW QUESTION 335
Why is it important to know the physical location for a governmental cloud based storage solution?

A. Data stored in other countries could be accessed by the local government.
B. Data stored in other countries could slow down application response.
C. Data stored in other countries could impact access latency.
D. Data stored in other countries could reduce revenue for the originating country.

Answer: A

Explanation: With Azure Government all data, applications, and hardware reside in the continental United States.
References: https://azure.microsoft.com/en-us/overview/clouds/government/

NEW QUESTION 339
An organization is moving web server clusters to a public IaaS cloud while keeping database servers in the company owned datacenter. The organization will continue utilizing the internal service desk to manage the application. Which of the following ITIL processes will plan the move?

A. Release Management
B. Incident Management
C. Problem Management
D. Change Management

Answer: D

Explanation: Change Management is an IT service management discipline. The objective of change management in this context is to ensure that standardized methods and procedures are used for efficient and prompt handling of all changes to control IT infrastructure, in order to minimize the number and impact of any related incidents upon service.
References: https://en.wikipedia.org/wiki/Change_management_(ITSM)

NEW QUESTION 342
Note: 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 are administering an Azure environment for your company. You plan to deploy virtual machines (VMs) for a mobile application. You have the following requirements:
* Ensure that all VMs use the Standard D3 size.
*Ensure that at least two of the four servers must be available at all times.
*Ensure that users of the application do not experience downtime or loss of connection. You need to configure four VMs for application development.
Solution: Create a Virtual Machine Scale Set (VMSS) that has an instance count of 4. Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 345
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.
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* Ensure that all VMs use the Standard D3 size.
*Ensure that at least two of the four servers must be available at all times.
*Ensure that users of the application do not experience downtime or loss of connection. You need to configure four VMs for application development.
Solution: You create an availability set that has two fault domains and two update domains by using the Azure portal. You create four virtual machines and assign the new availability
set to each VM.
Does the solution meet the goal?
Yes

A. No

Answer: A

NEW QUESTION 350
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 are administering an Azure environment for your company. You plan to deploy virtual machines (VMs) for a mobile application. You have the following requirements:
*Ensure that all VMs use the Standard D3 size.
*Ensure that at least two of the four servers must be available at all times.
*Ensure that users of the application do not experience downtime or loss of connection. You need to configure four VMs for application development.
Solution: Create two resource groups by using the Azure portal. Create four VMs. Assign two VMs to the first resource group and two to the second resource group.
Does the solution meet the goal?

A. Yes
B. No

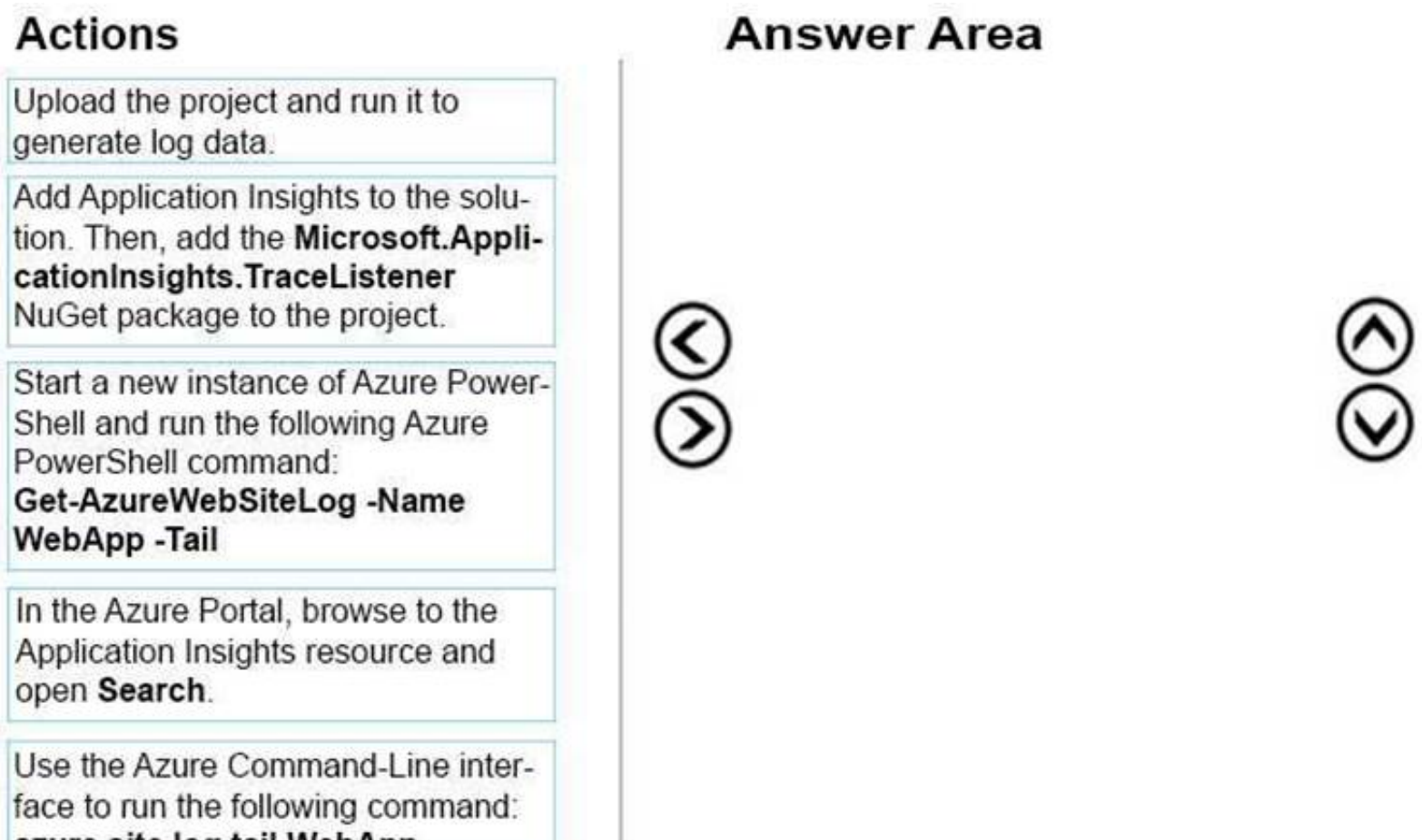
Answer: A

NEW QUESTION 352
You are building a ASP.NET Azure Web App that is built from source code on GitHub.
Automatic deployment is used for integration testing. The web.config file has settings that are updated during development deployments by using a TransformXml MSBuild task.
The settings in the web.config must be set to specific values during integration testing.
You need to ensure that the web.config is updated when the Web App is deployed to Azure. Which two actions should you perform? fcach correct answer presents part of the solution.

A. In Azure, add an app setting named SCM_BUILD_ARGS with the value/p:Environment=Integration.
B. Add the integration setting and values to the ServiceDefinition.csdef andServiceConfiguration.cscfg files.
C. In Azure, create a new deployment slot namedintegration.
D. Create an XML Document Transform XDT file named web.Integration.config that converts values to the integration test values.
E. In Azure, add a tag with the key Environment and the value Integration.

Answer: CD

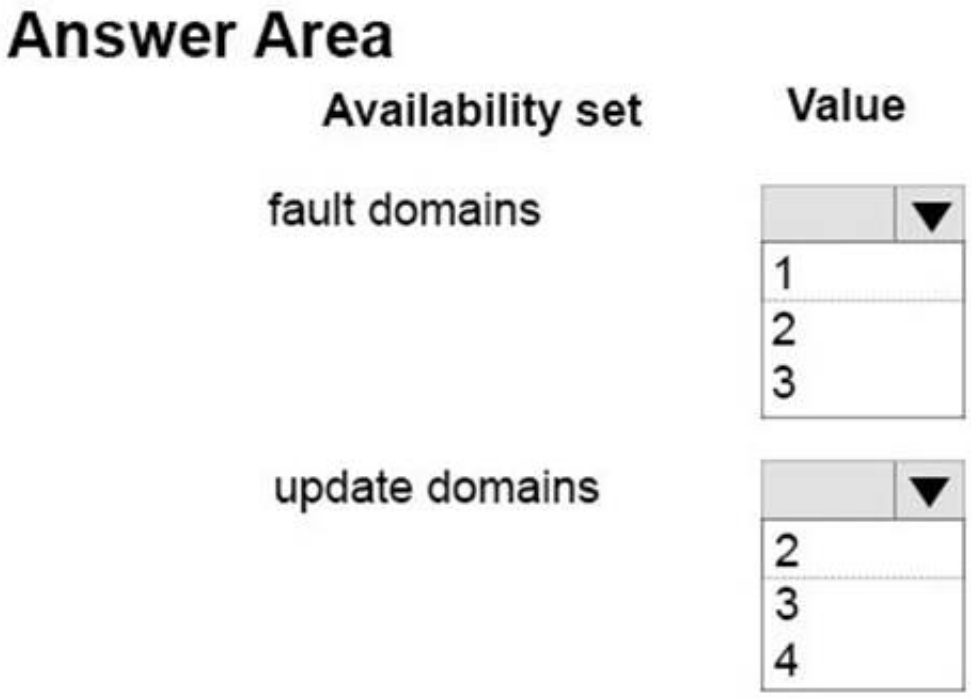
NEW QUESTION 354
DRAG DROP
You are using Microsoft Visual Studio to develop an App Service Web App named WebApp. The app must collect the statistics and details on the application dependencies.
You need to set up, configure, and validate monitoring using Application Insights. Which three actions should 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: References:
https://docs.microsoft.com/en-us/azure/application-insights/app-insights-asp-net-trace-logs

NEW QUESTION 356
HOTSPOT
You are administering an Azure environment for your company that requires multiple virtual machines (VMs) for a production application. You have the following requirements:
*Two VMs are required for application data.
*Seven VMs are required for image processing.
*VM sizes should be set to Standard D2.
*Only two image processing servers can be rebooted at a time.
You need to configure an availability set for the image processing VMs.
You many fault domains and update domains should you implement? To answer, configure the appropriate options in the dialog box in the answer area.
NOTE: Each correct selection is worth one point.

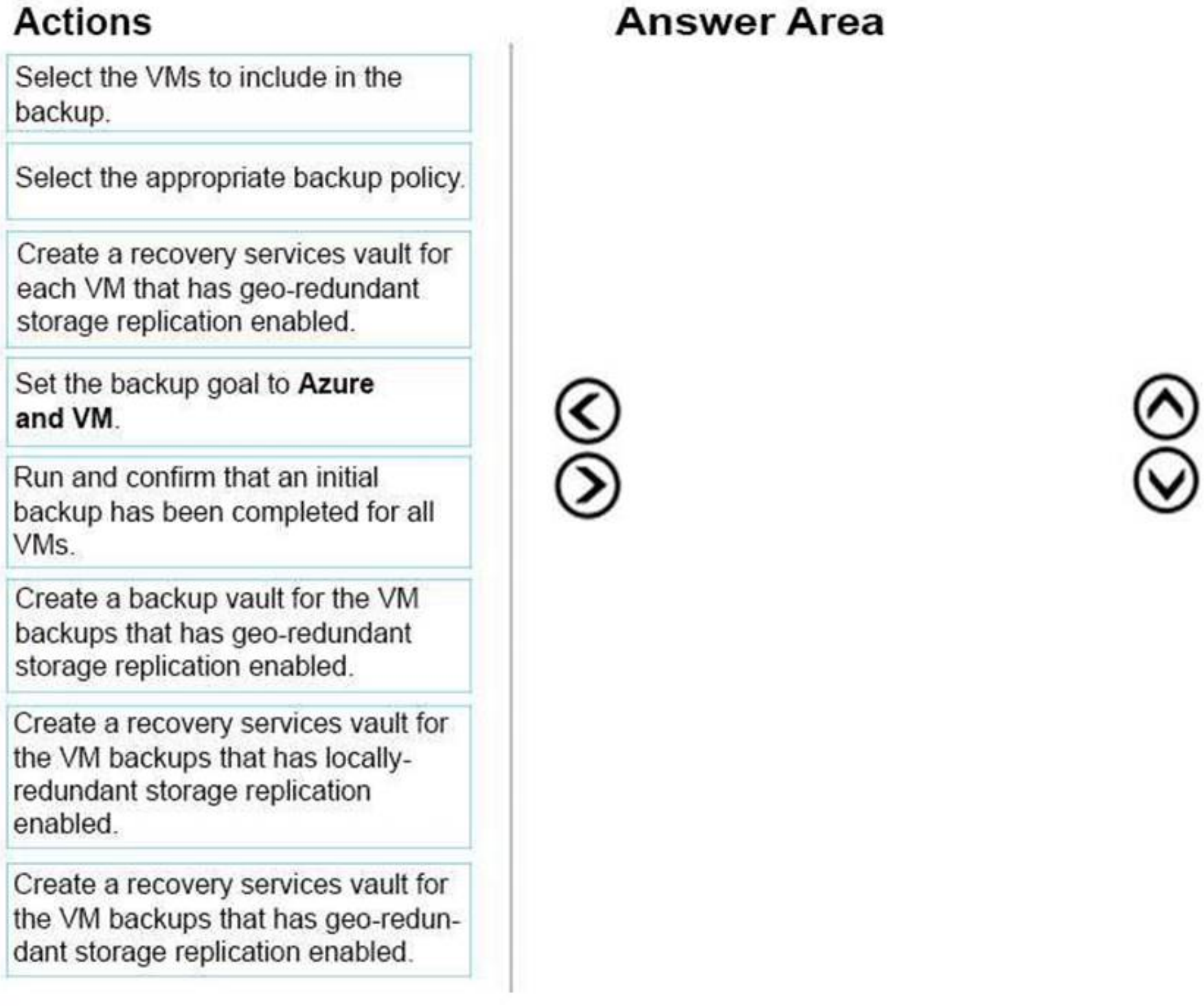


Answer:

Explanation: References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability

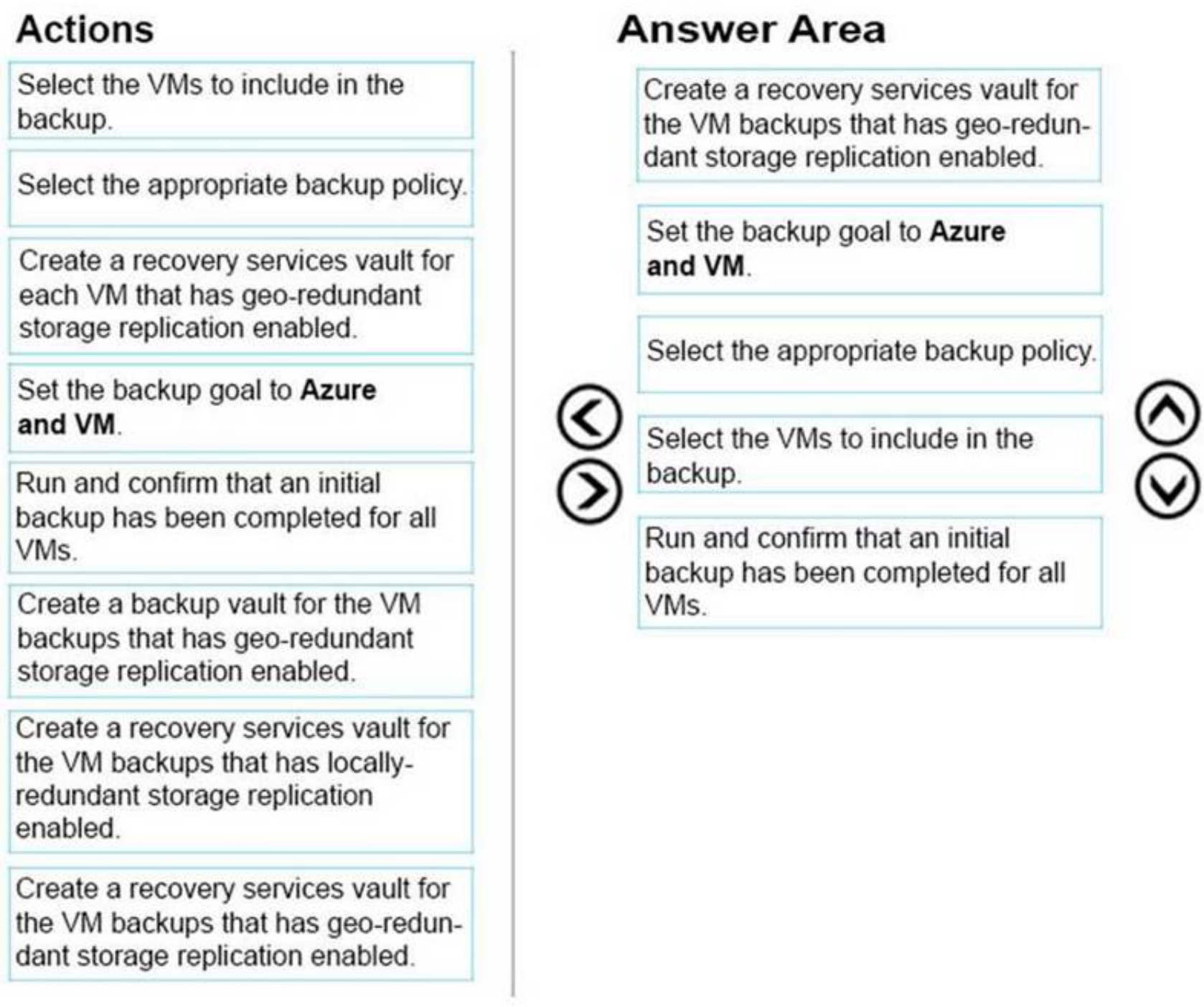
NEW QUESTION 357

DRAG DROP
You have six Ubuntu Linux virtual machines (VMs) that run a Hadoop cluster on Azure. All VMs were deployed by using Azure Resource Manager (ARM) templates and Azure PowerShell cmdlets. One of the VMs runs a custom web user that allows users to examine the processing jobs within the Hadoop cluster.
You are planning a backup strategy for long-term retention and recovery that includes geo-replication.
The backup and recovery solution must be cost effective. You need to backup all VMs.
Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions in the answer area and arrange them in the correct order.



Answer:

Explanation:



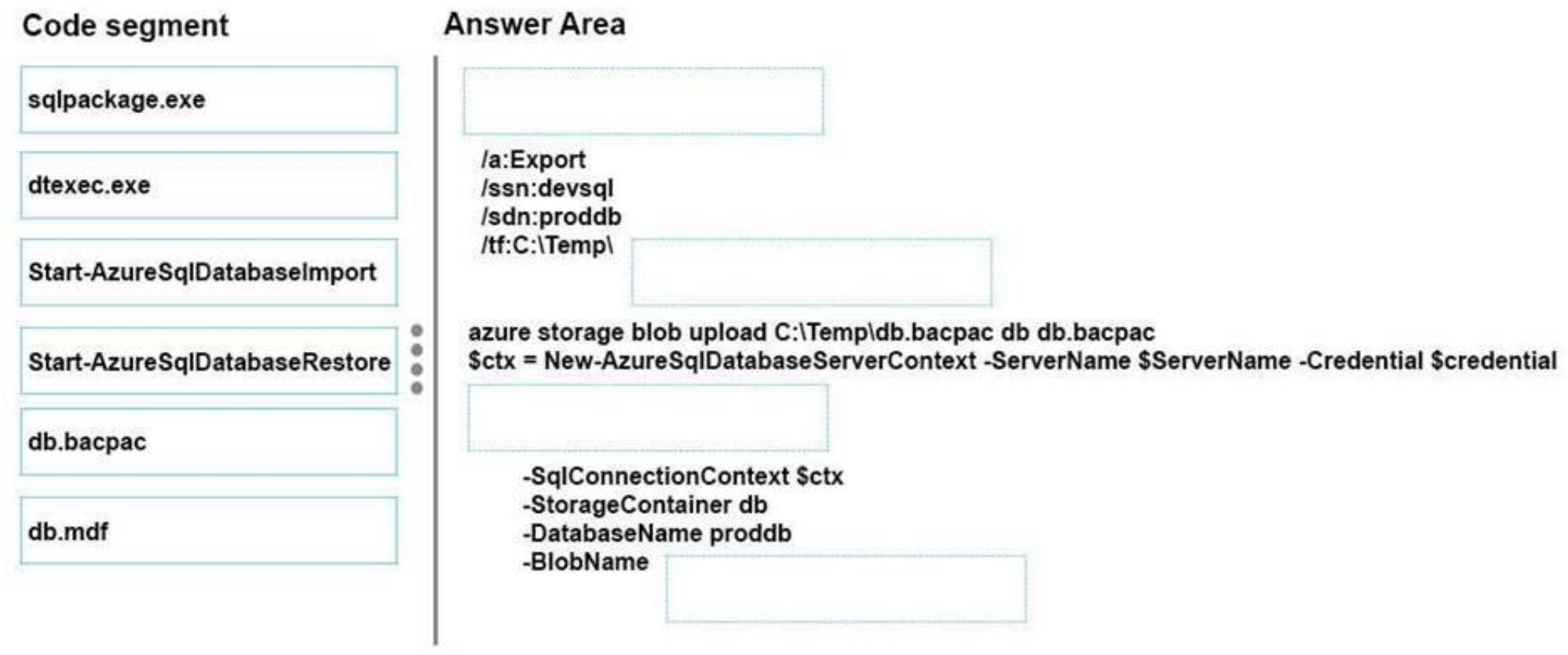
NEW QUESTION 358
HOTSPOT
You deploy a cloud service that reads and processes orders from a queue by using a worker role. The service includes a C# class named OrderProcessor.
Your organization is moving all Azure resources to use Azure Resource Manager (ARM) templates. You must migrate the code to Service Fabric. You establish a new Service Fabric cluster to deploy the updated code. You migrate all settings from the ServiceConfiguration.cscfg to a new Settings.xml file that each Service Fabric instance will use.
You need to update the code for the OrderProcessor class.
How should you complete the code segment? To answer, select the appropriate options in the answer area.

```
namesace WideWorldImportersOrderProcessor
{
   public class OrderProcessor:  [ StatelessService | FabricClient | ServicePartitionResolver ]
   {
      private CloudQueue ordersQueue;
      private CloudBlobContainer ordersBlobContainer;
      private DbContext ordersDatabaseContext;
      protected override [ Task RunAsync(CancellationToken cancelServiceInstance) | IEnumerable<ServiceInstanceListener> CreateServiceInstanceListeners() ]
      {
         ConfigurationPackage configPackage = this.Context.
         [ NodeContext | CodePackageActivationContext ].GetConfigurationPackageObject ("Config");
         KeyedCollection<string, ConfigurationProperty> parameters =
          configPackage. Settings.Sections ["MyConfigSection"].Parameters;
         string databaseConnectionString = parameters["OrdersDatabaseConnection"]?.Value;
         ordersDatabaseContext = GetOrdersDatabaseContext(databaseConnectionString);
         ordersBlobContainer = GetOrdersBlobStorageContainerReference();
         ordersQueue = GetOrdersQueueReference();
         ProcessOrders();
      }
   }
}
```

Answer:

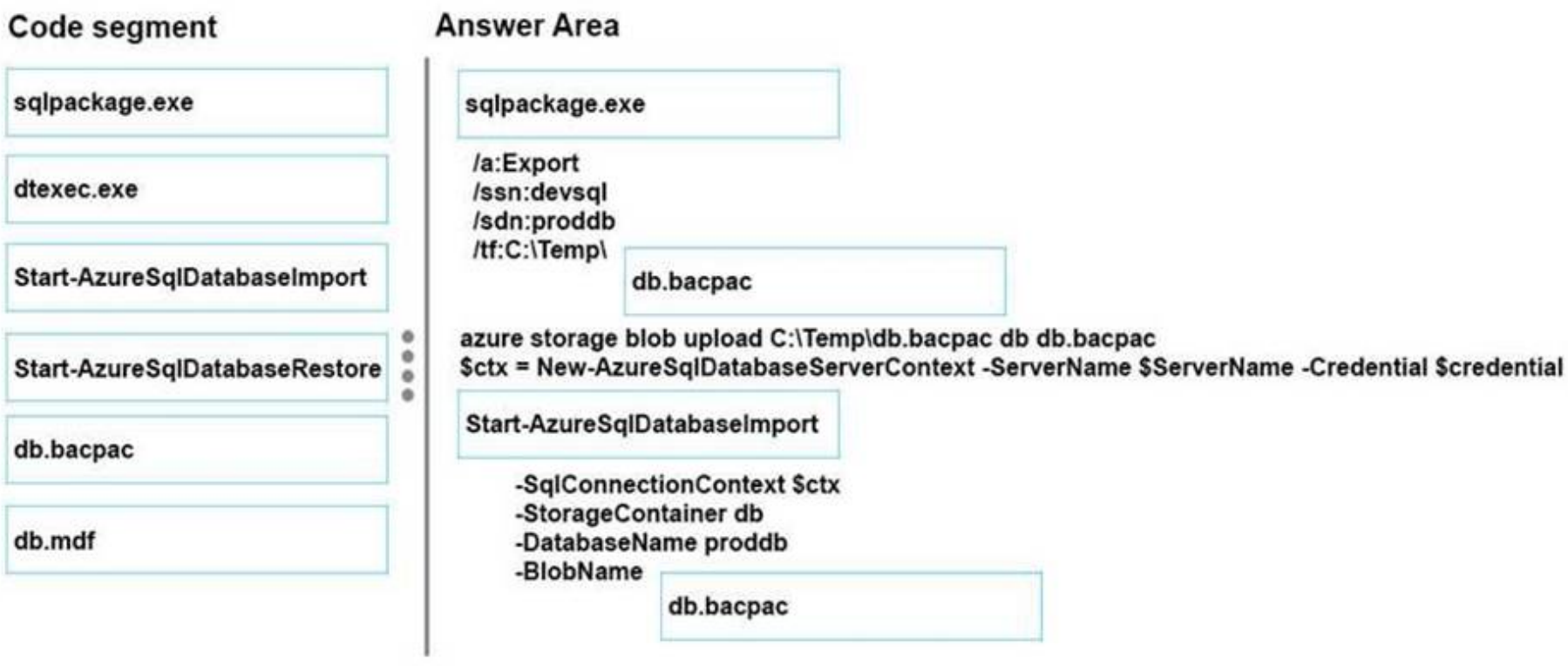
Explanation: References:
https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-cloud-services-migration-worker-role-stateless-service

NEW QUESTION 359
DRAG DROP
You are developer working on a project that will be deployed to Azure. The project includes a local SQL Server database.
You need to migrate the database to Azure SQL.
How should you complete the code segment? To answer, drag the appropriate code segment to the correct location or 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.



Answer:

Explanation:



NEW QUESTION 363
Which of the following is not true about metadata? (Choose TWO)

A. Both containers and blobs have writable system properties.
B. Blob user-defined metadata is accessed as a key value pair.
C. System metadata can influence how the blog is stored and accessed in Azure Storage.
D. Only blobs have metadata; containers do not.

Answer: AD

NEW QUESTION 366
Which of the following are valid differences between page blobs and block blobs? (Choose TWO)

A. Page blobs are much faster for all operations.
B. Block blobs allow files to be uploaded and assembled late
C. Blocks can be resubmitted individually.
D. Page blobs are good for all sorts of files, like video and images.
E. Block blobs have a max size of 200 G
F. Page blobs can be 1 terabyte.

Answer: BD

NEW QUESTION 367
Which of the following is not a method for replicating a Table storage account?

A. Transactional replication
B. Zone redundant storage
C. Read access geo-redundant storage
D. Geo-redundant storage

Answer: A

NEW QUESTION 368
How should you choose a good partition key for a Table storage implementation? (Choose two.)

A. They should always be unique, like a primary key in a SQL table.
B. You should always use the same partition key for all records.
C. Think about how you're likely to update the data using batch transactions.
D. Find an even way to split them so that you have relatively even partition sizes.

Answer: CD

NEW QUESTION 369
Which of the following statement are true about queuing messages?

A. Storage queue messages have no size restriction
B. The reason for using smaller messages sizes is to increase throughput to the queue.
C. Storage queue messages are limited to 64 KB.
D. Storage queue messages are durable.
E. The client application should save the message identifier returned after adding a message to a queue for later use.

Answer: B

NEW QUESTION 371
Which of the following are valid options for processing queue messages? (Choose Two.)

A. A single compute instance can process only one message at a time.
B. A single compute instance can process up to 31 messages at a time.
C. A single compute instance can retrieve up to 32 messages at a time.
D. Messages can be read one at a time or in batches of up to 32 messages at a time.
E. Messages are deleted as soon as they are read.

Answer: CD

NEW QUESTION 372
Which of the following are true regarding supported operations granted with an SAS token? (Choose three.)

A. You can grant read access to existing blobs.
B. You can create new blob containers.
C. You can add, update, and delete queue messages.
D. You can add, update, and delete table entities.
E. You can query table entities.

Answer: ACDE

NEW QUESTION 373
Which of the following statements are true of stored access policies? (Choose Two.)

A. You can modify the start or expiration date for access.
B. You can revoke access at any point in time.
C. You can modify permissions to remove or add supported operations.
D. You can add to the list of resources accessible by an SAS token.

Answer: ABC

NEW QUESTION 376
Which statements are true of Storage Analytics Logging? (Choose Two.)

A. Logs are stored in the same storage account where they are enabled and are measured as part of your storage quota.
B. Logs can have duplicate entries.
C. Logs cannot be deleted.
D. You can all read, write, and delete requests to blobs, queues, and tables in a storage account.

Answer: BD

NEW QUESTION 381
Which of the following are captured by Storage Analytics Logging? (Choose Two.)

A. Successful requests for authenticated calls only
B. Failed requests for authenticated calls only
C. Server errors
D. Requests using SAS URIs.

Answer: CD

NEW QUESTION 382
Which of the following is not a requirement for creating an online secondary for SQL Database?

A. The secondary database must have the same name as the primary.
B. They must be on separate servers.
C. They both must be on the different subscription.
D. The secondary server cannot be a lower performance tier than the primary.

Answer: D

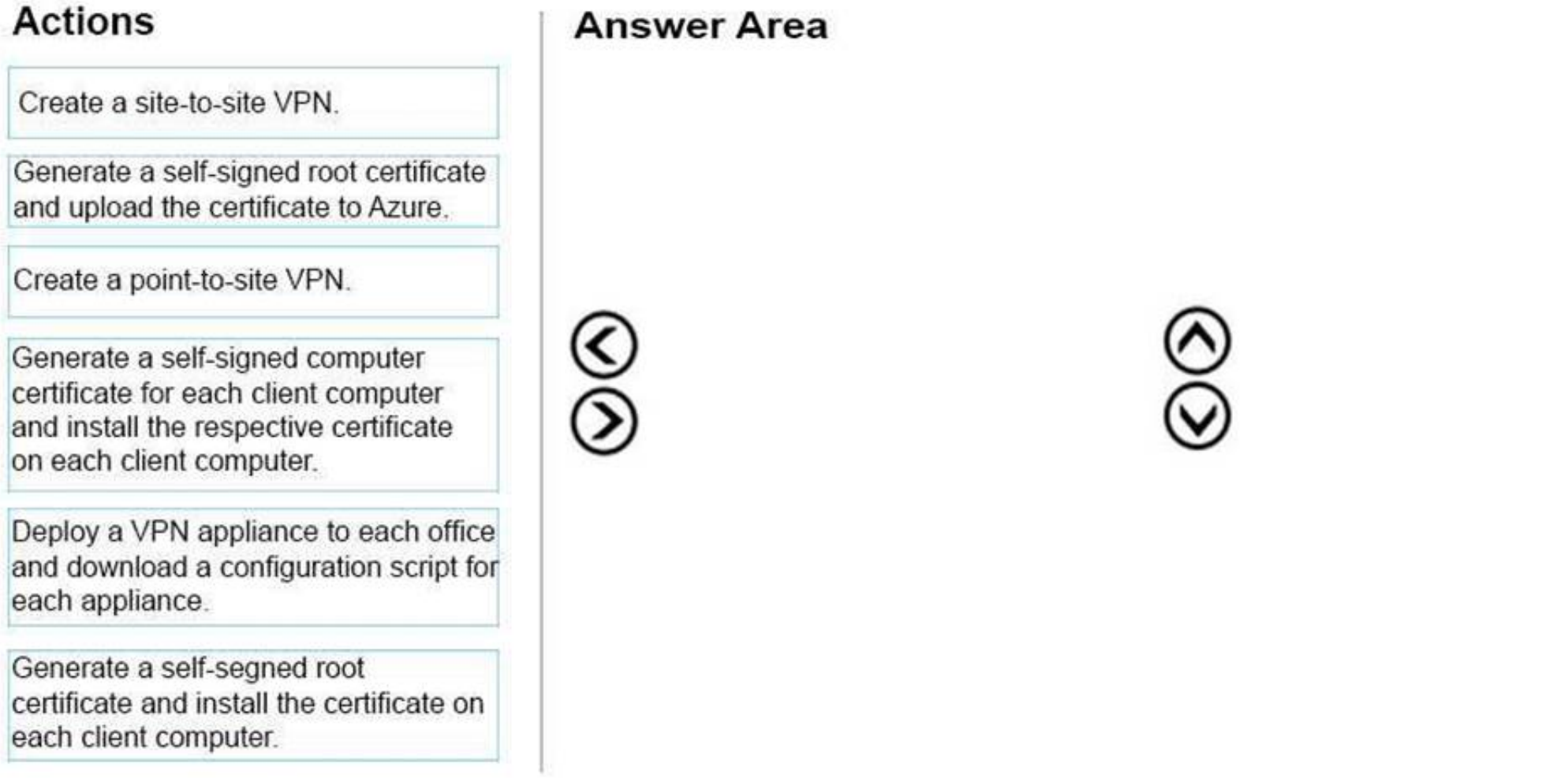
NEW QUESTION 387
From what you know about SQL Database architecture, what should you include in your client application code? (Choose three)

A. Connection resiliency, because you could failover to a replica.
B. Transaction resiliency so you can resubmit a transaction in the event of a failover.
C. Query auditing so you can baseline your current query times and know when to scale up the instance.
D. A backup and restore operation for the database.

Answer: ABC

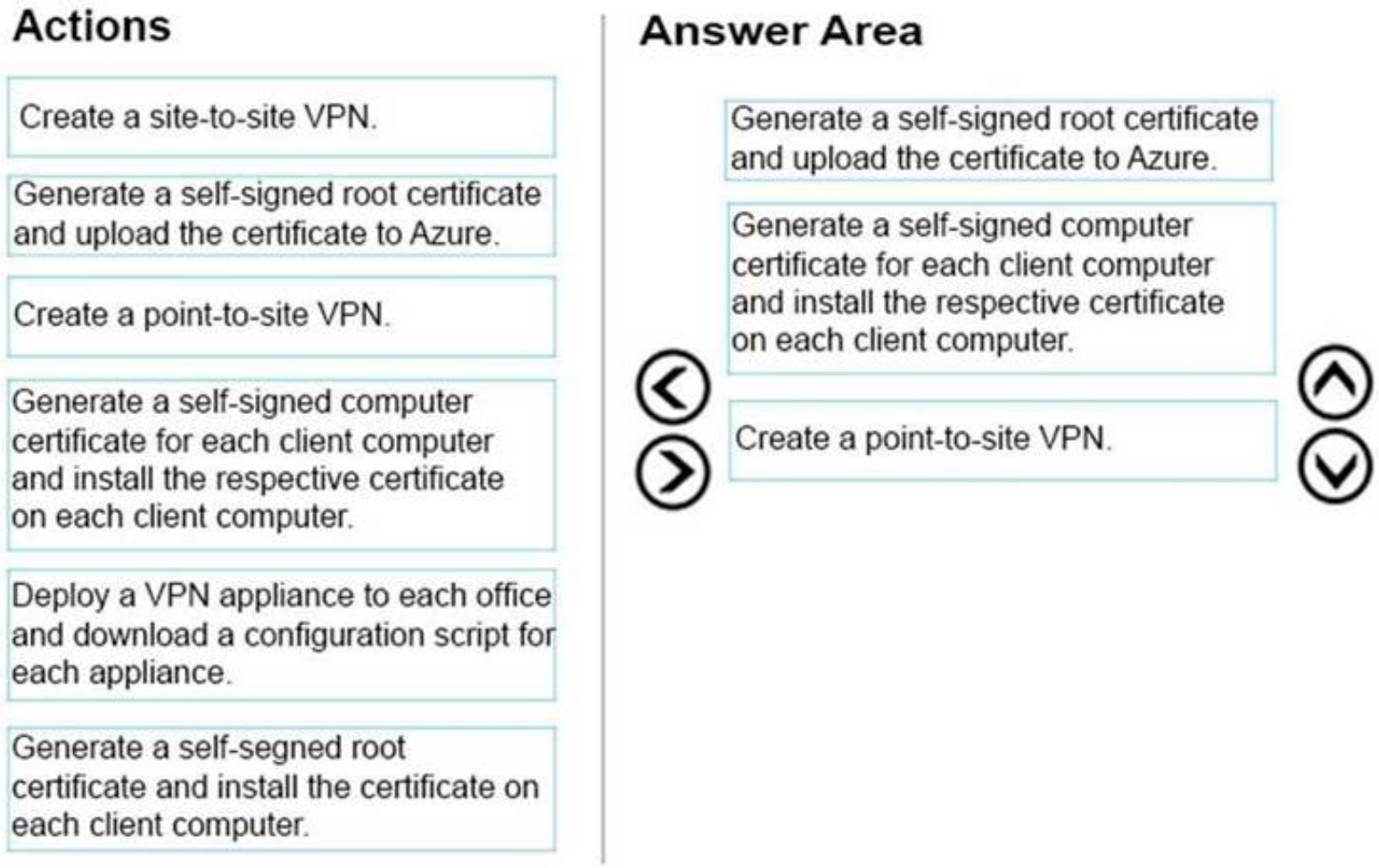
NEW QUESTION 388
DRAG DROP
Your company has a main office and several offices.

You create an Azure subscription and you deploy several virtual machines. The virtual machines are located in multiple subnets.
You need to provide remote access to the virtual machines to five users in each office by using a VPN connection. The remote access connections will not require a VPN device nor a public-facing IP address in order to work.
Which three actions should you perform in sequence before you download the VPN client on each computer? 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 390
DRAG DROP
Your company is implementing an Intrusion Detection System (IDS). The IDS has the IP address 192.168.3.92. You plan to deploy the network by using Azure Resource Manager (ARM).
You need to ensure that all subnet traffic goes through the IDS.
How you complete the JSON configuration code? To answer, drag the appropriate JSON segments to the correct location or locations. Each JSON 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.

"Microsoft.Network/virtualNetworks"

"Microsoft.Network/routeTables"

"Microsoft.Network/networkSecurityGroups"

"VirtualAppliance"

"VirtualNetworkGateway"

"Internet"

Answer Area

```
{
    "type" :
    "name" : "IDS",
    "apiVersion" : "2015-06-15",
    "location" : "East US",
    "properties" : {
        "routes" : [
            {
                "name" : "IDSRT",
                "properties" : {
                    "addressPrefix" : "192.168.0"
                    "nextHopType" :
                    "nextHopIpAddress" : "192.168.3.92"
            }
        ]
    }
}
```

Answer:

Explanation:

"Microsoft.Network/virtualNetworks"

"Microsoft.Network/routeTables"

"Microsoft.Network/networkSecurityGroups"

"VirtualAppliance"

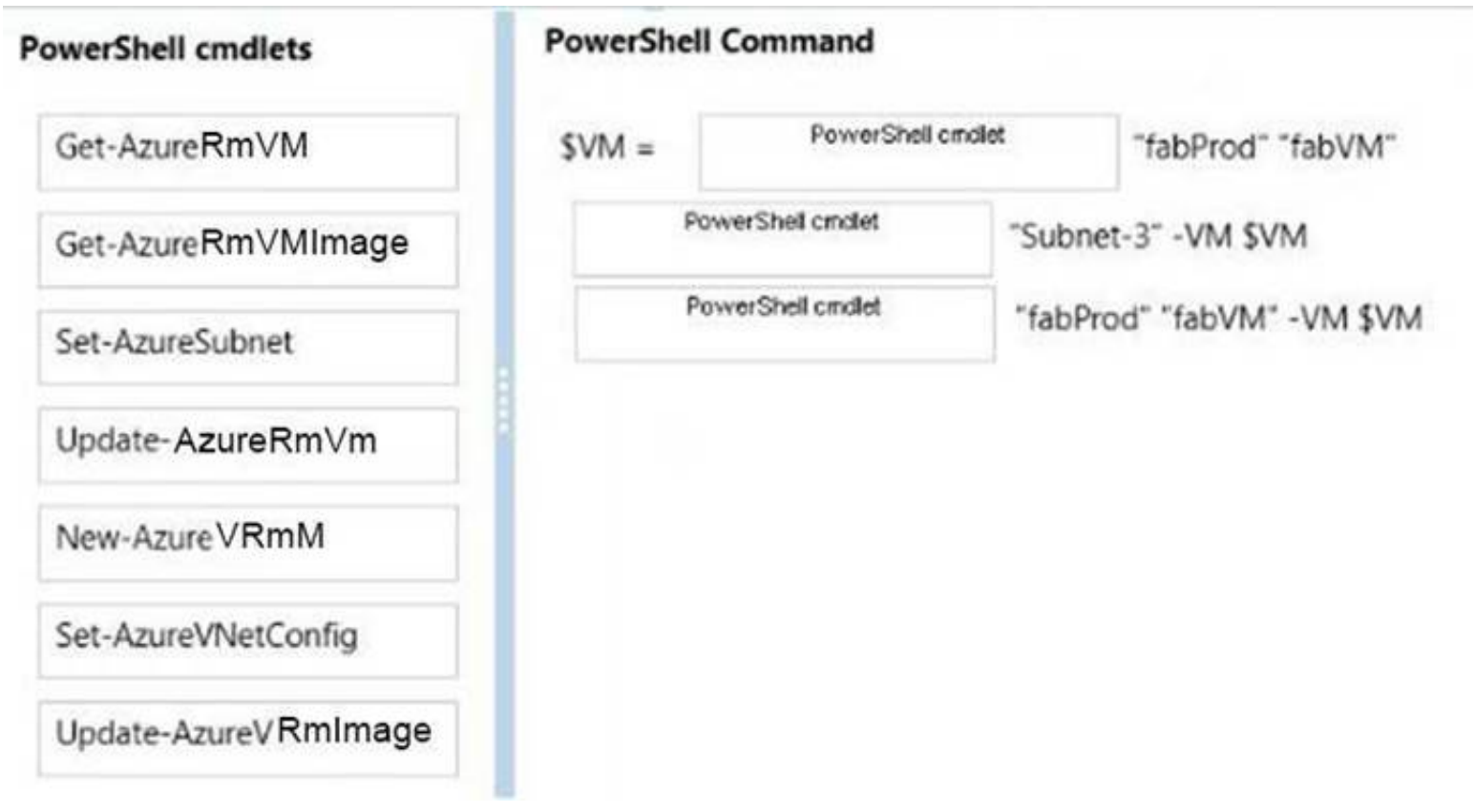
"VirtualNetworkGateway"

"Internet"

Answer Area

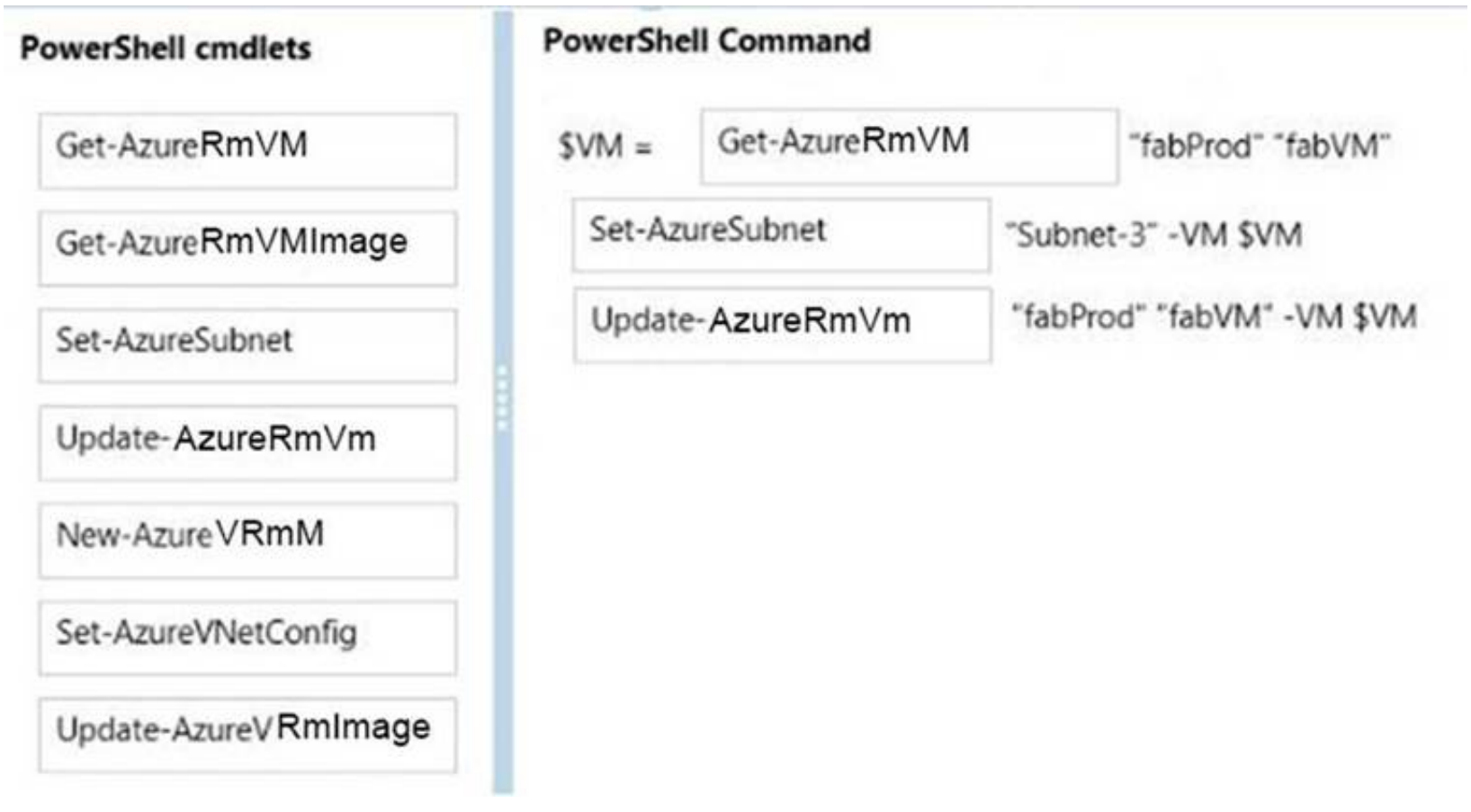
```
{
    "type" : "Microsoft.Network/routeTables"
    "name" : "IDS",
    "apiVersion" : "2015-06-15",
    "location" : "East US",
    "properties" : {
        "routes" : [
            {
                "name" : "IDSRT",
                "properties" : {
                    "addressPrefix" : "192.168.0"
                    "nextHopType" : "VirtualAppliance"
                    "nextHopIpAddress" : "192.168.3.92"
            }
        ]
    }
}
```

NEW QUESTION 391
DRAG DROP
You have an Azure Virtual Network named fabVNet with three subnets named Subnet-1, Subnet-2 and Subnet-3. You have a virtual machine (VM) named fabVM running in the fabProd service.
You need to modify fabVM to be deployed into Subnet-3. You want to achieve this goal by using the least amount of time and while causing the least amount of disruption to the existing deployment.
What should you do? To answer, drag the appropriate Power Shell cmdlet to the correct location in the Power Shell command. Each cmdlet 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.



Answer:

Explanation:



NEW QUESTION 395
You manage Azure Web Apps for a company. You migrate an on-premises web app to Azure. You plan to update the Azure Web App by modifying the connection string and updating the files that have changed since previous revision.
The deployment process must use Secure Socket Layer (SSL) and occur during off-peak hours as an automated batch process.
You need to update the Azure Web App. What should you do?

A. Configure a File Transfer Protocol (FTP) transfer script.
B. Deploy the project from Microsoft Visual Studio.
C. Run theNew-AzureRMWebAppAzure PowerShell cmdlet.
D. Run theNew-AzureRmResouceGroupDeploymentAzure PowerShell cmdlet.

Answer: D

NEW QUESTION 398
You manage an on-premises monitoring platform. You plan to deploy virtual machines (VMs) in Azure.
You must use existing on-premises monitoring solutions for Azure VMs. You must maximize security for any communication between Azure and the on-premises environment.
You need to ensure that Azure alerts are sent to the on-premises solution. What should you do?

A. Enable App Service Authentication for the VMs.
B. Configure a basic authorization webhook.
C. Deploy an HDInsight cluster.
D. Configure a token-based authorization webhook.

Answer: D

NEW QUESTION 401
You administer an Azure subscription for your company.
You have an application that updates text files frequently. The text files will not exceed 20 gigabytes (GB) in size. Each write operation must not exceed 4 megabytes (MB).
You need to allocate storage in Azure for the application.
Which three storage types will achieve the goal? Each correct answer presents a complete solution.

A. page blob
B. queue
C. append blob
D. block blob
E. file share

Answer: ACD

NEW QUESTION 404
You have an existing classic virtual network.
You need to export the virtual network settings to an XML file to make modifications. Which Azure PowerShell cmdlet should you use?

A. Get-AzureVNetSite
B. Get-AzureVNetConnection
C. Get-AzureVNetGateway
D. Get-AzureVNetConfig

Answer: D

NEW QUESTION 405
You plan to use Password Sync on your DirSync Server with Azure Active Directory (Azure
AD) on your company network. You configure the DirSync server and complete an initial synchronization of the users.
Several remote users are unable to log in to Office 365. You discover multiple event log entries for "Event ID 611 Password synchronization failed for domain."
You need to resolve the password synchronization issue.
Which two actions should you perform? Each correct answer presents part of the solution.

A. Restart Azure AD Sync Service.
B. Run the Set-FullPasswordSync Power Shell cmdlet.
C. Force a manual synchronization on the DirSync server.
D. Add the DirSync service account to the Schema Admins domain group.

Answer: AB

Explanation: The Set-FullPasswordSync Power Shell cmdlet resets the password sync state information forcing a full sync the next time the service is restarted. Then we need restart the service to initiate the sync.

NEW QUESTION 408
You publish an application named MyApp to Azure Active Directory (Azure AD). You grant access to the web APIs through OAuth 2.0.
MyApp is generating numerous user consent prompts. You need to reduce the amount of user consent prompts. What should you do?

A. Enable Multi-resource refresh tokens.
B. Enable WS-federation access tokens.
C. Configure the Open Web Interface for .NET.
D. Configure SAML 2.0.

Answer: A

Explanation: When using the Authorization Code Grant Flow, you can configure the client to call multiple resources. Typically, this would require a call to the authorization endpoint for each target service. To avoid multiple calls and multiple user consent prompts, and reduce the number of refresh tokens the client needs to cache, Azure Active Directory (Azure AD) has implemented multi-resource refresh tokens. This feature allows you to use a single refresh token to request access tokens for multiple resources.
References: https://msdn.microsoft.com/en-us/library/azure/dn645538.aspx

NEW QUESTION 411
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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You administer an Azure environment that includes six Azure Resource Manager (ARM) virtual machines (VMs) that support development. The development team uses Azure SQL databases and Azure Queues for application storage. All Azure resources are grouped within a single subscription and resource group.
You need to reduce the recurring monthly Azure costs without degrading server performance. You must minimize the administrative effort involved.
What should you do?

A. Configure an auto-shutdown schedule for each VM by using the Azure Portal.
B. Update the development environment to use Azure Table storage.
C. Create an Azure Automation runbook that compresses unused virtual hard disk (VHD) files daily.
D. Create an Azure PowerShell script that backs up and deprovisions all Azure SQL databases daily.

Answer: A

Explanation: You can set any ARM-based Virtual Machines to auto-shutdown with a few simple clicks. This was a feature originally available only to VMs in Azure DevTest Labs: your self-service sandbox environment in Azure to quickly create Dev/Test environments while minimizing waste and controlling costs. In case you haven't heard it before, the goal for this service is to solve the problems that IT and development teams have been facing: delays in getting a working environment, time-consuming environment configuration, production fidelity issues, and high maintenance cost. It has been helping our customers to quickly get “ready to test” with a worry-free self-service environment.
References: https://azure.microsoft.com/en-us/blog/announcing-auto-shutdown-for-vms- using-azure-resource-manager/

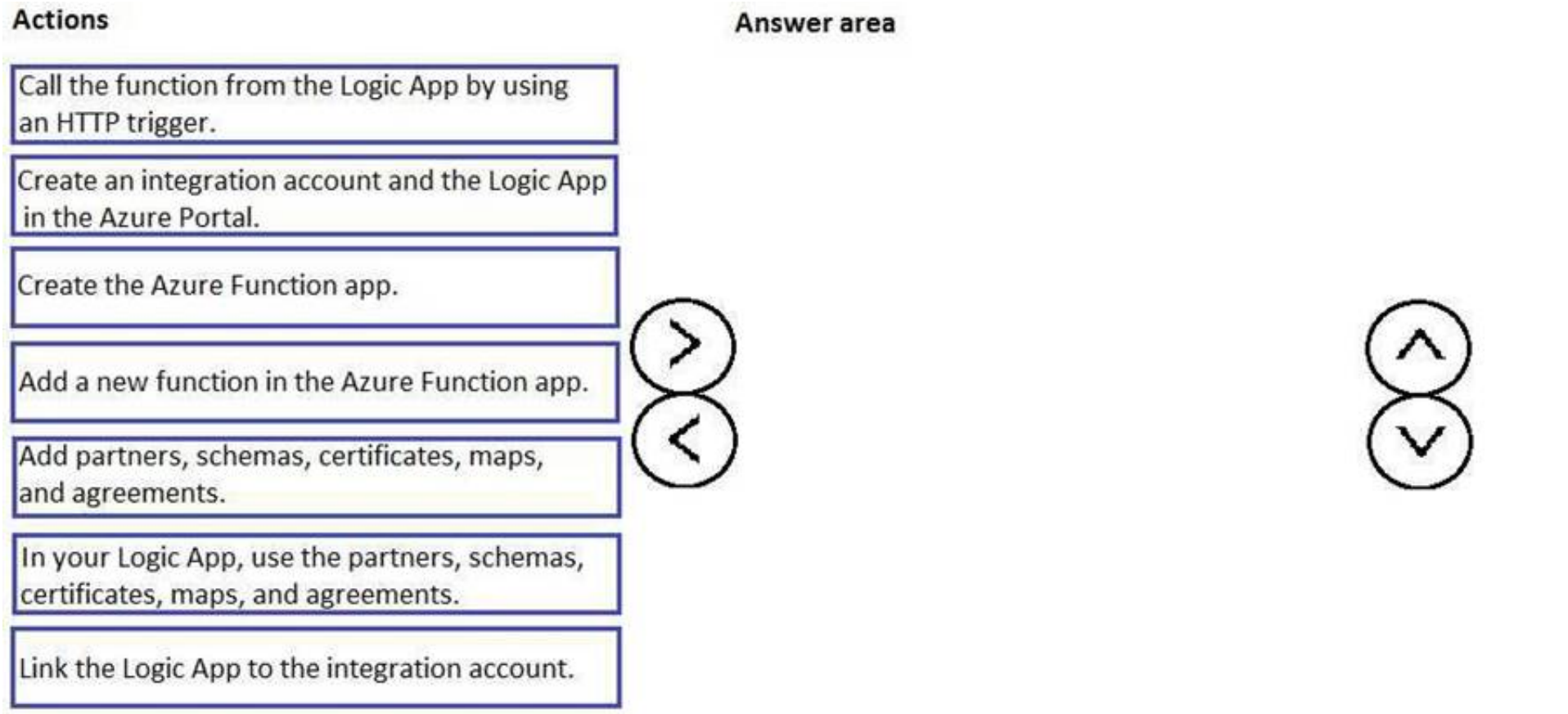
NEW QUESTION 414
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an enterprise application that will be used only by the employees of a company. The application is not Internet-facing. You deploy instances of the application to Azure datacenters on two continents.
You must implement a load balancing solution that meets the following requirements:
? Provide network-level distribution of traffic across all instances of the application.
? Support HTTP and HTTPS protocols.
? Manage all inbound and outbound connections.
Any back-end virtual machine (VM) must be able to service requests from the same user or client session.
Solution: You implement Traffic Manager.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

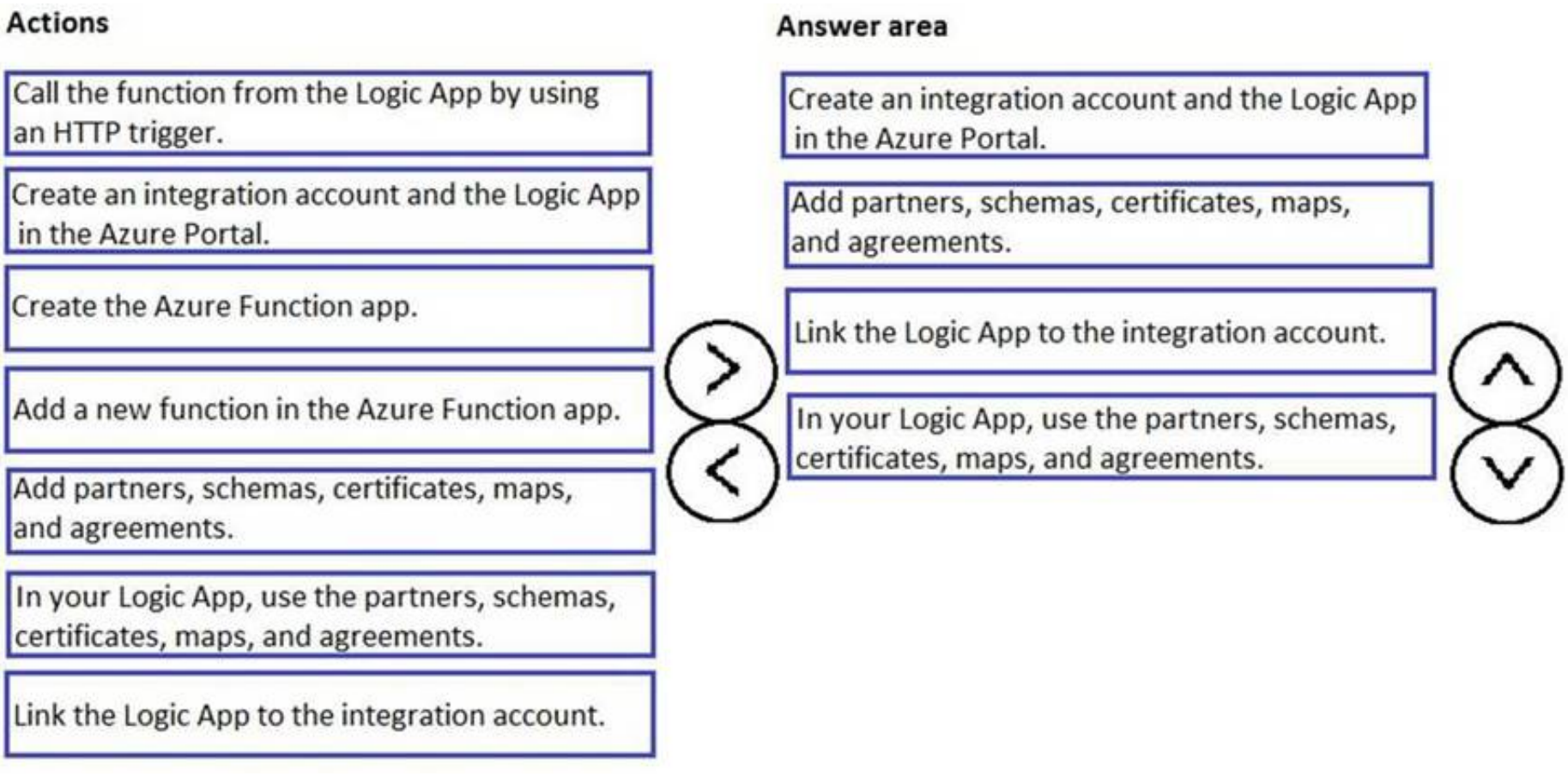
Explanation: A Traffic Manager works at the DNS level. It uses DNS responses to direct end-user traffic to globally distributed endpoints. Clients then connect to those endpoints directly.
An application manager, which works at the Application level (Layer 7), is also required. References: https://docs.microsoft.com/en-us/azure/application-gateway/application-gateway- introduction

NEW QUESTION 418
DRAG DROP
You are developing a business-to-business (B2B) solution by using an Azure Logic App. You plan to use the Enterprise Integration Pack to allow the exchange of the X12 industry standard message format within your Logic App workflow. You start by creating a new Azure Resource Manager (ARM) resource group and Azure App Service plan.
You need to create the B2B solution.
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 423
HOTSPOT
You plan to migrate an Azure Web App named Contoso from an App Service named AppServicePlan1 to another App Service plan. You create a resource group named ContosoGroup.
You create the following Azure PowerShell script. Line numbers are included for reference only.

```
01 $AppServicePlan = @{"serverfarm" = "AppServicePlan2"}
02 Set-AzureResource –name Contoso –ResourceGroupName ContosoGroup –ResourceType
Microsoft.Web/sites ~
        -apiversion 2014-04-01 –PropertyObject $AppServicePlan
03 Get-AzureResource –name Contoso –ResourceGroupName ContosoGroup –ResourceType
Microsoft.Web/sites ~
        -apiversion 2014-04-01
```

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 command in line 01 defines a variable that stores a hash table.	○	○
The command in line 02 assigns the Web App to the **ContosoGroup** resource group.	○	○
The command in line 02 assigns the Web App to a hosting plan named **webhostingplan2**.	○	○

Answer:

Explanation: **Answer Area**

	Yes	No
The command in line 01 defines a variable that stores a hash table.	○	○
The command in line 02 assigns the Web App to the **ContosoGroup** resource group.	○	○
The command in line 02 assigns the Web App to a hosting plan named **webhostingplan2**.	○	○

NEW QUESTION 425
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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a new Azure Logic App. The Logic App requires a custom action to evaluate data from an internal, proprietary system. You create a custom ASP>NET Web API to retrieve data from the system and update the Logic App to use the API.
The Logic App generates a timeout error when it requests data from the API.
You need to eliminate the timeout error and allow the Logic App to retrieve data by using the API.
What should you do?

A. Update the API to immediately return an HTTP '102 PROCESSING' response when a request is received and an HTTP '205 RESET CONTENT' response when data is returned from the system.
B. Update the Logic App to use a new HTTPWebhook trigger to call out to the API's newly- created subscribe and unsubscribe methods.
C. Update the API to immediately return an HTTP '202 ACCEPTED' response when a request is received and an '200 OK' response when the data is returned from the system.
D. Update the Logic App adding a wait action to include the interval object's unit and count properties set to valid values.

Answer: C

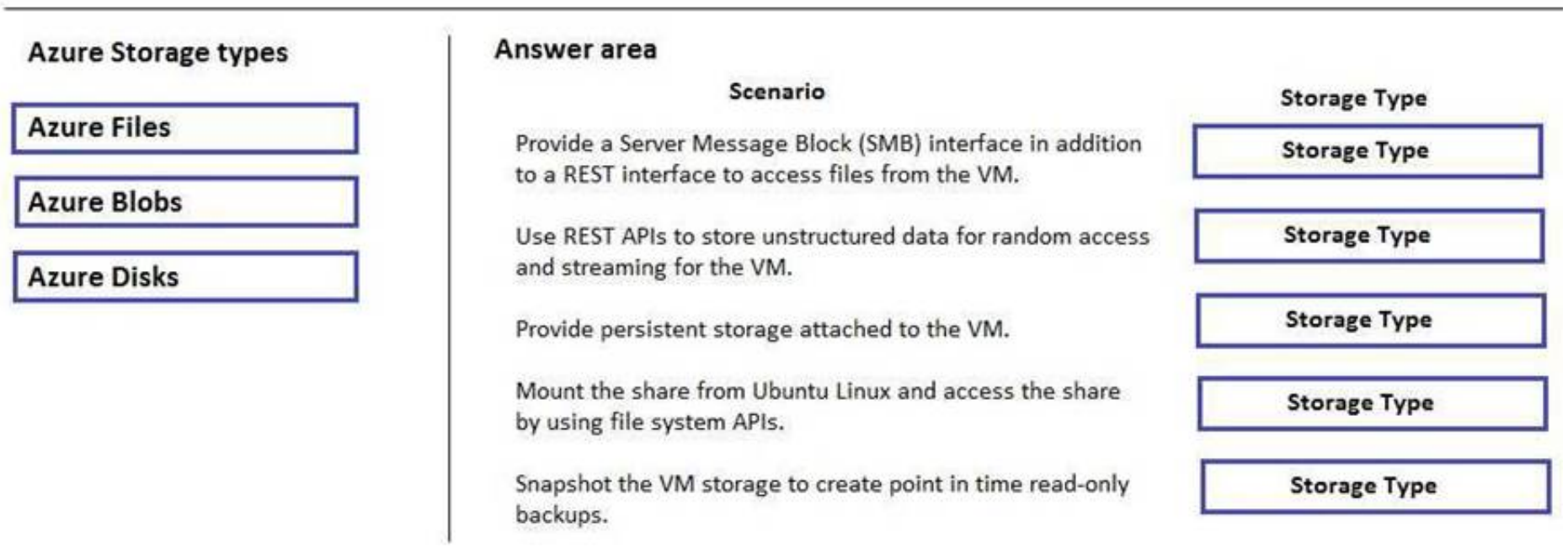
NEW QUESTION 429
You administer an Azure-based solution that performs image processing. You have four Standard D3 Azure Resource Manager (ARM) virtual machines (VMs). All VMs are deployed in a Virtual Machine Scale Set (VMSS).
The servers must scale up or down as the workload increases or decreases.
You need to configure auto-scaling to scale the VMSS when the server workload is above 95 percent or below 5 percent.
What should you do?

A. Navigate to the VM's Size panel and increase the instance count.
B. Navigate to the VMSS Metric panel and add a new alert for the CPU Percentage Metri
C. Configure the alert to notify Via email.
D. Navigate to the VM's Metric panel and enable diagnostics for basic metrics,
E. Navigate to the VMSS Metric panel and add a new alert for the CPU Percentage Metri
F. Configure the alert to via webhook.

Answer: D

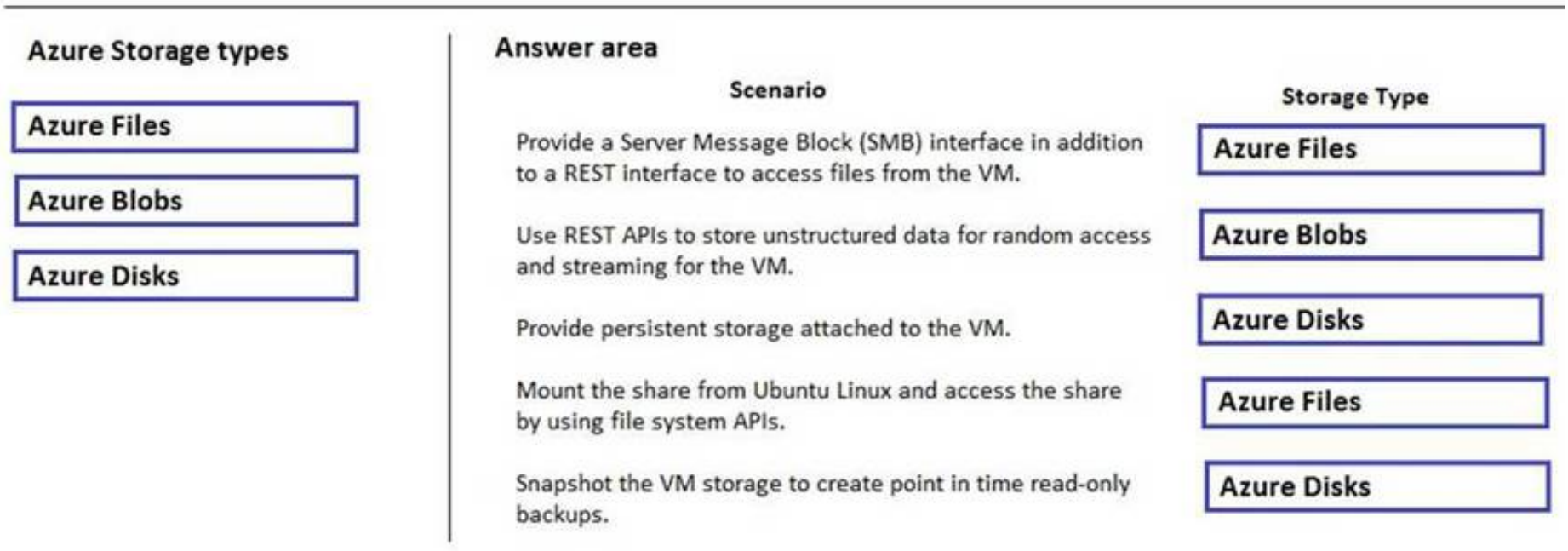
Explanation: References:
https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-vertical-scale-reprovision

NEW QUESTION 431
DRAG DROP
You have six Ubuntu Linux virtual machines (VMS) that run a Hadoop cluster on Azure. One of the VMs hosts a custom web user interface that allows users to examine the processing jobs within the Hadoop Cluster.
You need to select the appropriate Azure Storage type for each Azure VM scenario.
Which Azure Storage types should you use? To answer, drag the appropriate Azure Storage type to the correct Each Azure Storage type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 435
You manage an on-premises server that runs Windows Server 2016. The server has a disk that contains 4 terabytes (TB) of data and thousands of files. None of the
individual files are larger than 1 TB. You plan to create a virtual machine (VM) in Azure to process the workload currently handled by the on-premises server.
You need to create a storage location for the data. What should you do?

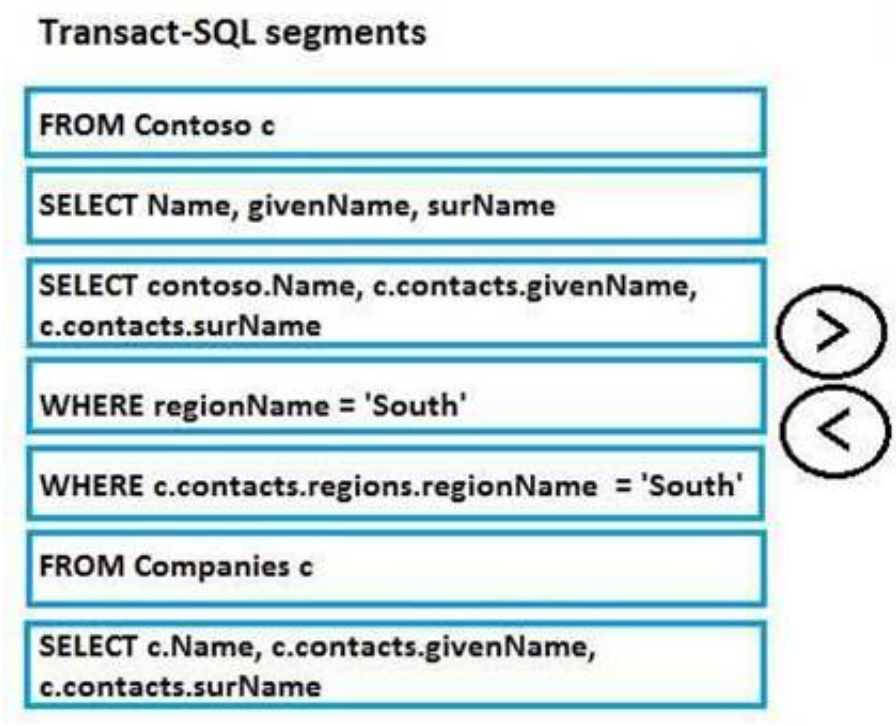
A. Create premium storage accoun
B. Use a D-series VM.
C. Configure a StorSimple virtual arra
D. Configure the VM to use the array with the SMB protocol.
E. Add a new table storage accoun
F. Update the VM workload to use the table storage.
G. Add a single ?le share to V
H. In the VM operating system, assign a drive letter.

Answer: D

NEW QUESTION 437
DRAG DROP
Contoso has an Azure DocumentDB database that contains contact information for customers.
You have a collection named Companies. The collection includes the following data:

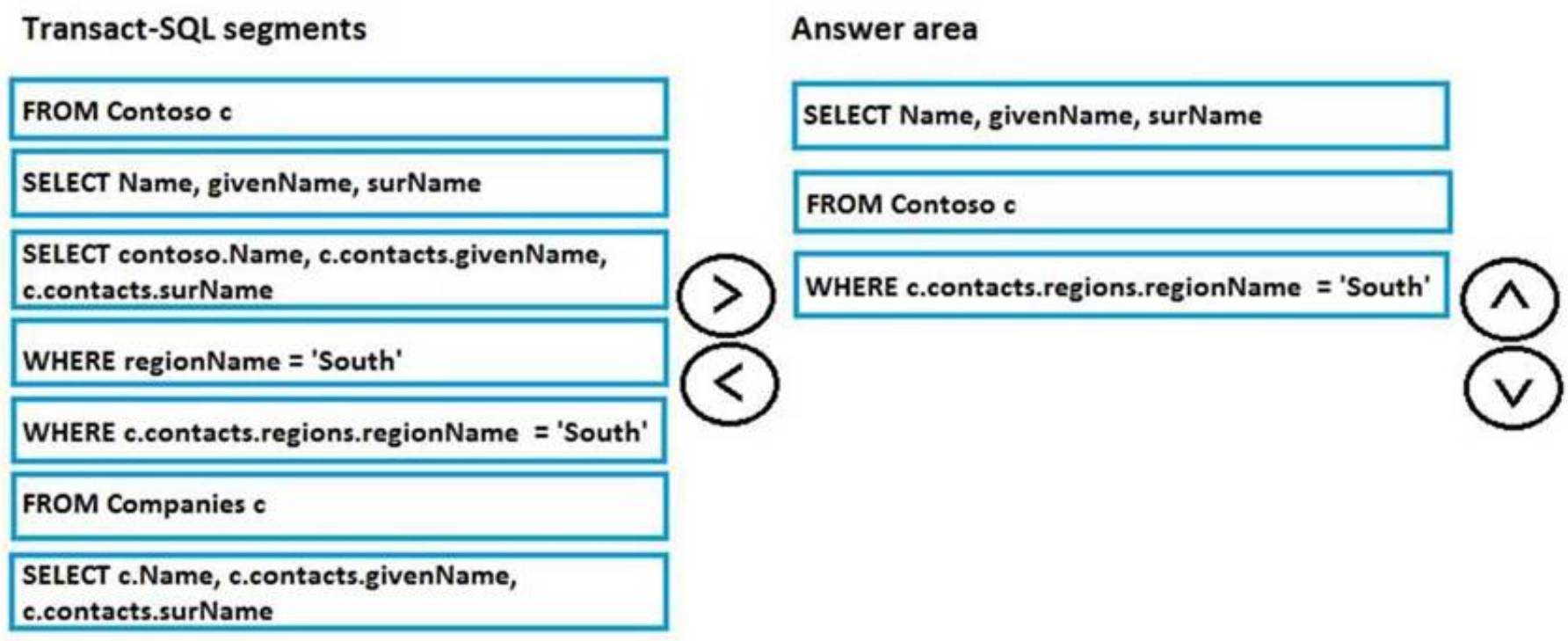
```
{
    "id" : "ContosoCompany",
    "name" : "Contoso",
    "contacts" : [
     {
        "giveName" : "Lola",
        "surName" : "Jacobsen",
        "regions" : [
          { "regionName" : "West" },
          { "regionName" : "South" }
        ]
       },
       {
         "giveName" : "David",
         "surName" : "Jones",
         "regions" : [
           { "regionName" : "North" },
           { "regionName" : "South" }
         ]
       }
     ],
     "address" : {"state": "co", "city": "Denver"}
}
```

You plan to collect the following information for contacts that are located in the South region only:
? Company name
? Given name
? Surname
You need to create the query.
Which three Transact-SQL segments should you use to develop the solution? To answer, move the appropriate Transact-SQL segments from the list of Transact-SQL segments to the answer area and arrange them in the correct order.



Answer:

Explanation:



NEW QUESTION 438
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 deploy a Virtual Machine Scale Set (VMSS) named CorpWebVMSS to Azure by using Azure PowerShell and set the instance count to 1. The VMSS includes a storage account, load balancer, public IP address. and six Standard_A1 Windows virtual machines (VMs) that run Internet Information Services (IIS). All components are deployed to a resource group named CorpWebRG.
You must increase the instance count to support the increased load on IIS. You need to manually scale out the number of VMs in the scale set to 5. Solution: You run the following Azure PowerShell commands:
$vmss = Get-AzureRmVmss -ResourceGroupName CorpWebRG –VMScalesSetName CorpWebVMSS
$vmss.Sku.Capacity = 5
Update-AzureRmVmss -ResourceGroupName CorpWebRG -Name CorpWebVMSS - VirtualMachineScaleSet $vmss
Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 440
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.
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You must increase the instance count to support the increased load on IIS. You need to manually scale out the of VMs in the scale set to 5.
Solution: You run the following command by using the Azure Command-Line Interface (CLI):
azure vmss scale -g CorpWebRG -n CorpWebVMSS -c 5 Does the solution meet the goal?

A. Yes

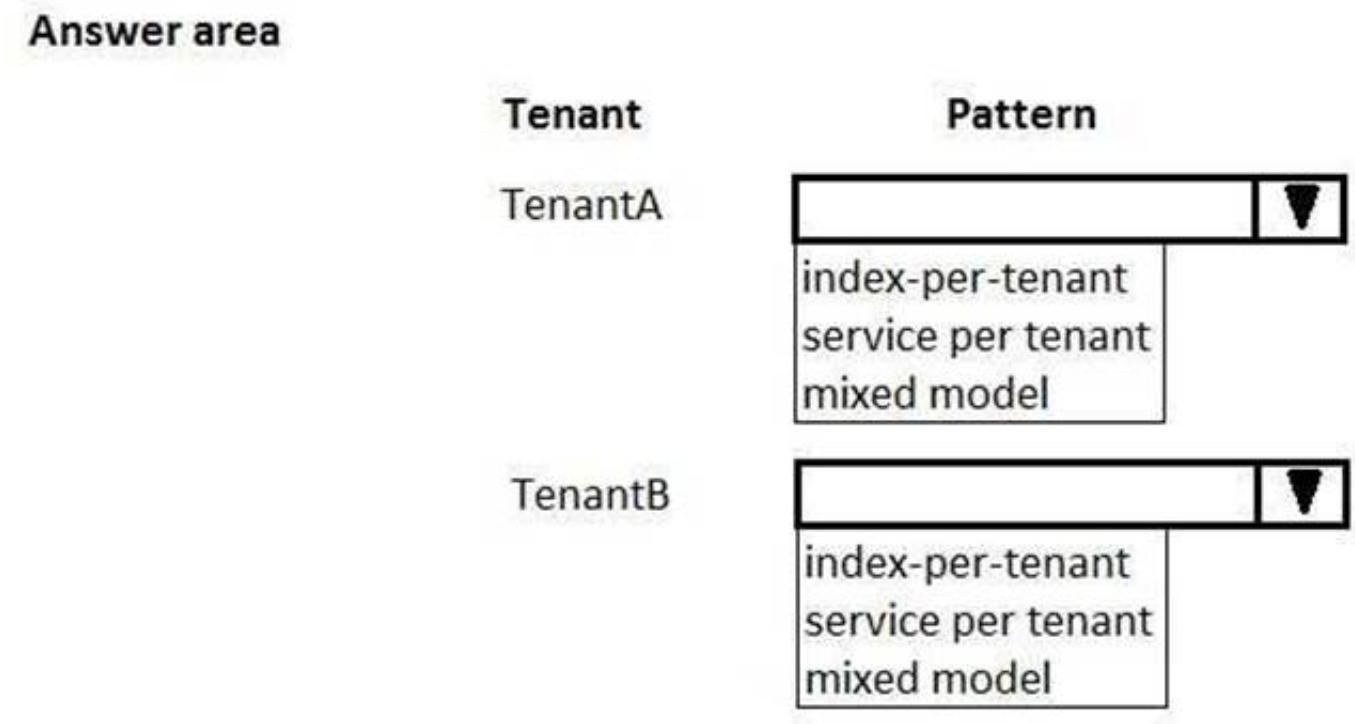
B. No

Answer: A

NEW QUESTION 442
HOTSPOT
You are developing a multitenant application that uses Azure Search services. You have the following tenants:

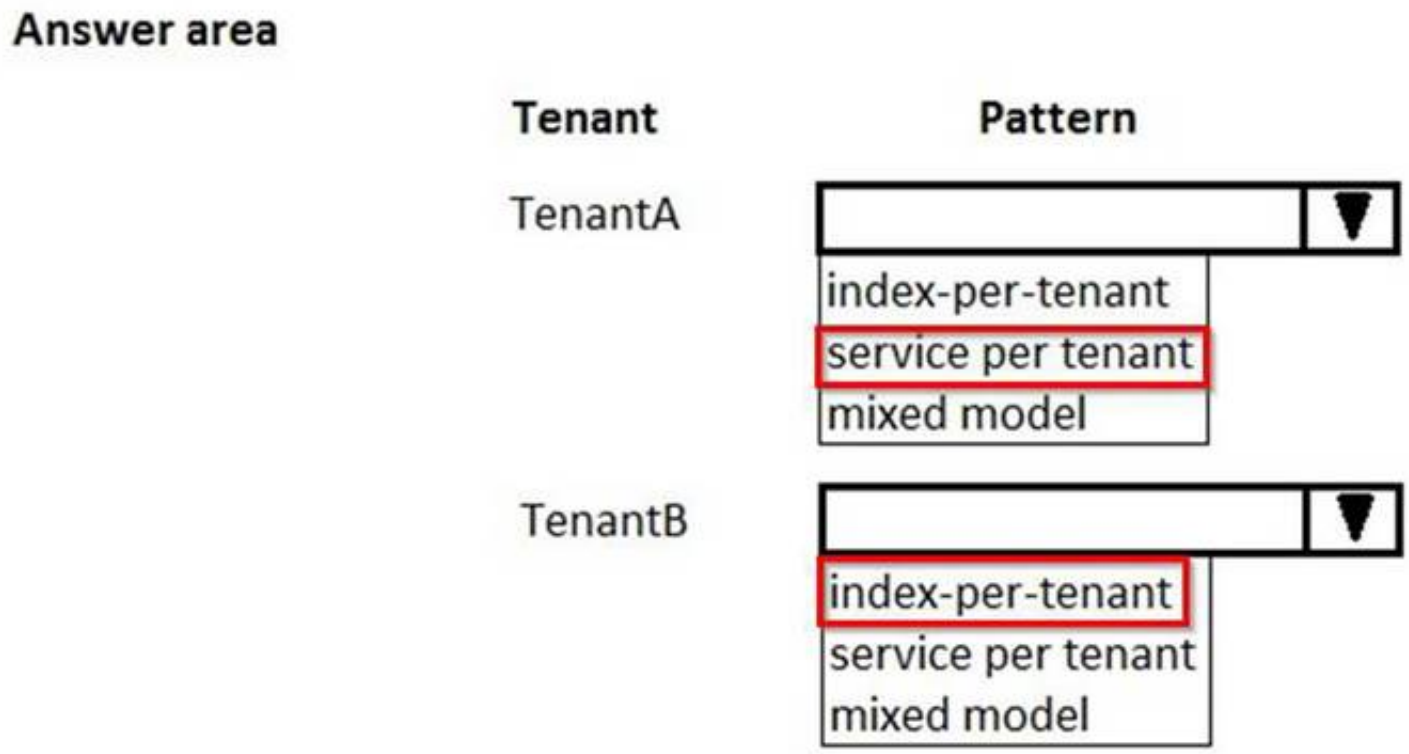
Tenant	Requirement
TenantA	The workload and data for this tenant must be isolated from other tenants.
TenantB	The data for this tenant must be isolated from other tenants, but TenantB can share its workload with other tenants.

You must minimize costs associated with implementing any solution. The cost model must be predictable.
You need to design the search experience for the application.
Which Azure Search pattern should you use for each tenant? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

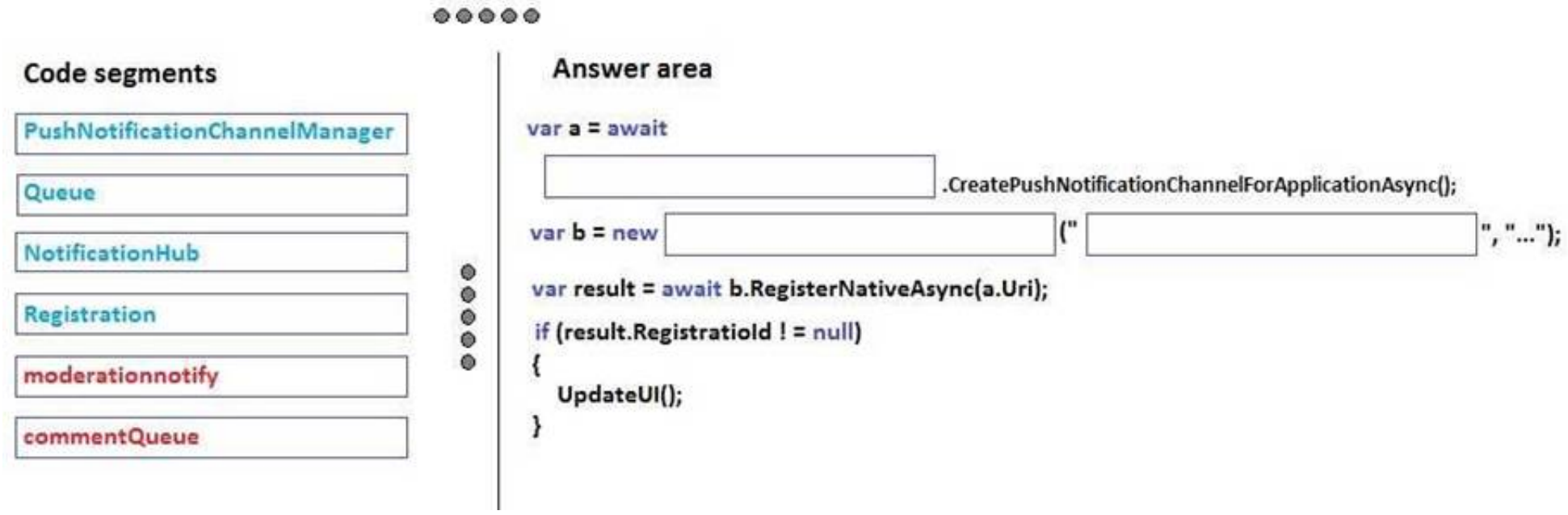


Answer:

Explanation:



NEW QUESTION 447
DRAG DROP
You need to implement the StartNotify method in MainPage.xaml.cs to enable the receiving of notifications.
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 point.



Answer:

Explanation:

NEW QUESTION 449
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 are developing an application that will run as an Azure API App. The application tracks flights between airports, including duration of flight, if the flight was on time, the capacity of the airplane, and the number of seats sold. Queries can be performed to show multiple routes, multi-leg journeys, and filtering based on the attributes of the flight.
Flight information will be used by customers to perform data mining, drive interactive display, perform airspace tracking, and other applications.
Customers require that the response time of the API be as low as possible, both for retrieving information for a single flight, and for queries across flights. To achieve the required level of performance, each API invocation must be satisfied by a single operation against the data store containing flight information.
You need to implement the data store for this application. Solution: You use Azure Search.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 454
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.
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Flight information will be used by customers to perform data mining, drive interactive display, perform airspace tracking, and other applications.
Customers require that the response time of the API be as low as possible, both for retrieving information for a single flight, and for queries across flights. To achieve the required level of performance, each API invocation must be satisfied by a single operation against the data store containing flight information.
You need to implement the data store for this application.
Solution: You use Cosmos DB. Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 459

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 are a system administrator at your company. Your company recently acquired two of its competitors, as well as their IT infrastructure. The acquired companies have applications that are written in Java, .NET, Ruby, php, Node.js, and other languages. The applications run on Linux and Windows Server in Amazon Web Services, Azure, and SAP Cloud Platform.
The applications require access to the Azure Service Broker, and must be managed by the PCF Ops Manager.
You need to consolidate the applications onto a single cloud provider in Azure.
Solution: Deploy the open-source Cloud Foundry packages by setting up a BOSH director. Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 461
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.
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The applications run on Linux and Windows Server in Amazon Web Services, Azure, and SAP Cloud Platform.
The applications require access to the Azure Service Broker, and must be managed by the PCF Ops Manager.
You need to consolidate the applications onto a single cloud provider in Azure.
Solution: Create a customized environment by deploying Pivotal Cloud Foundry manually. Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 465
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.
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The applications require access to the Azure Service Broker, and must be managed by the PCF Ops Manager.
You need to consolidate the applications onto a single cloud provider in Azure.
Solution: Use the Azure Cloud Shell to install the Cloud Foundry CLI and connect to the Cloud Controller.
Does the solution meet the goal?

A. Yes B.

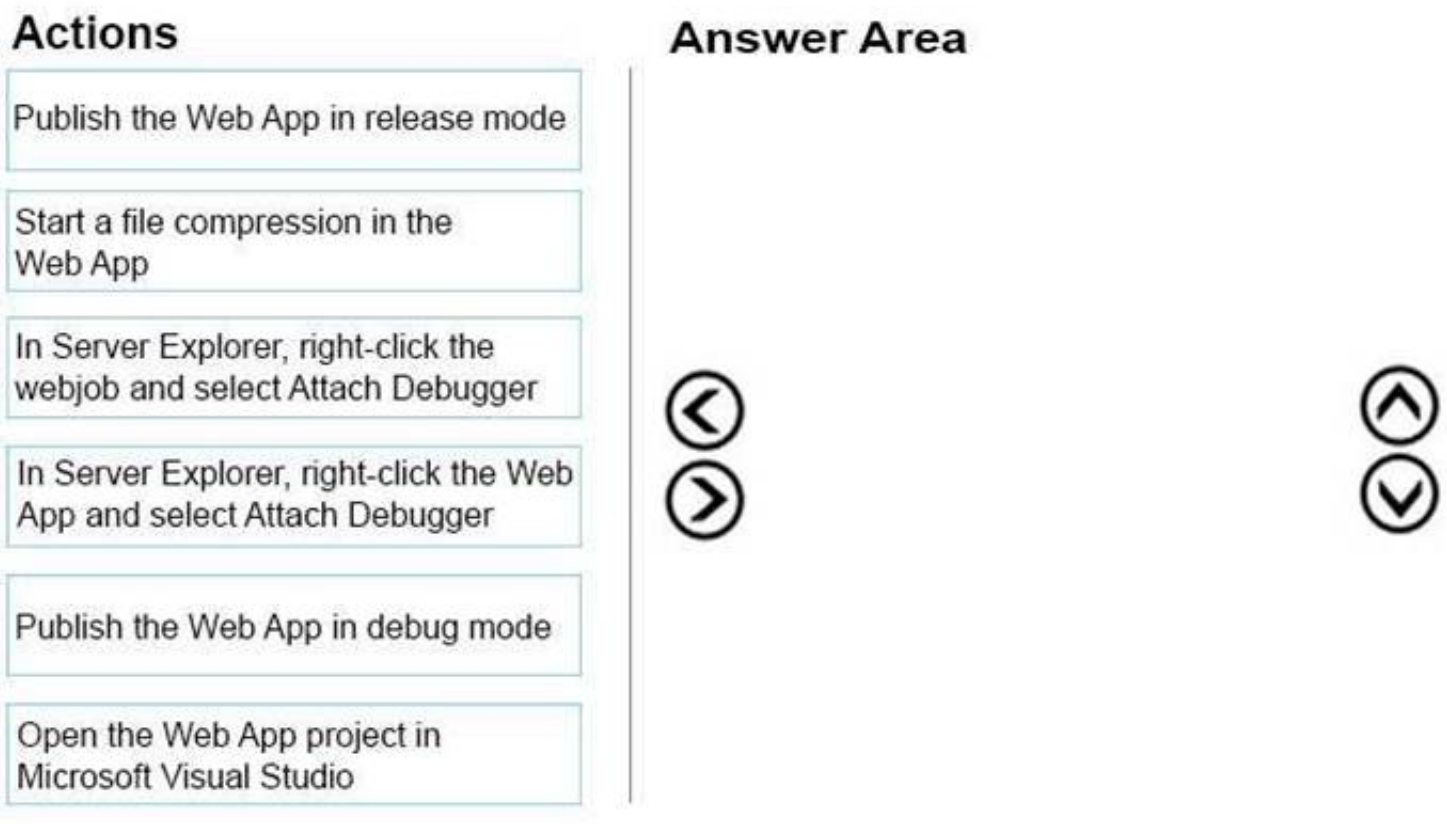
Answer:

NEW QUESTION 470
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 are a developer for Consolidated Messenger, a software company that provides applications for manager courier services. You are preparing to release a new version of the flagship application.
The application is comprised of a set of Windows and Linux virtual machines (VMs), and a set of Linux-based Docker containers. The management portion of the application uses Kubernetes for management of containers.
You need to determine a mechanism to deploy the application so that customers can provision the application from the Azure Marketplace.
Solution: Provide access to a CloudFoundry Azure Resource Manager QuickStart template. Does the solution meet the goal?

A. Yes
B. No

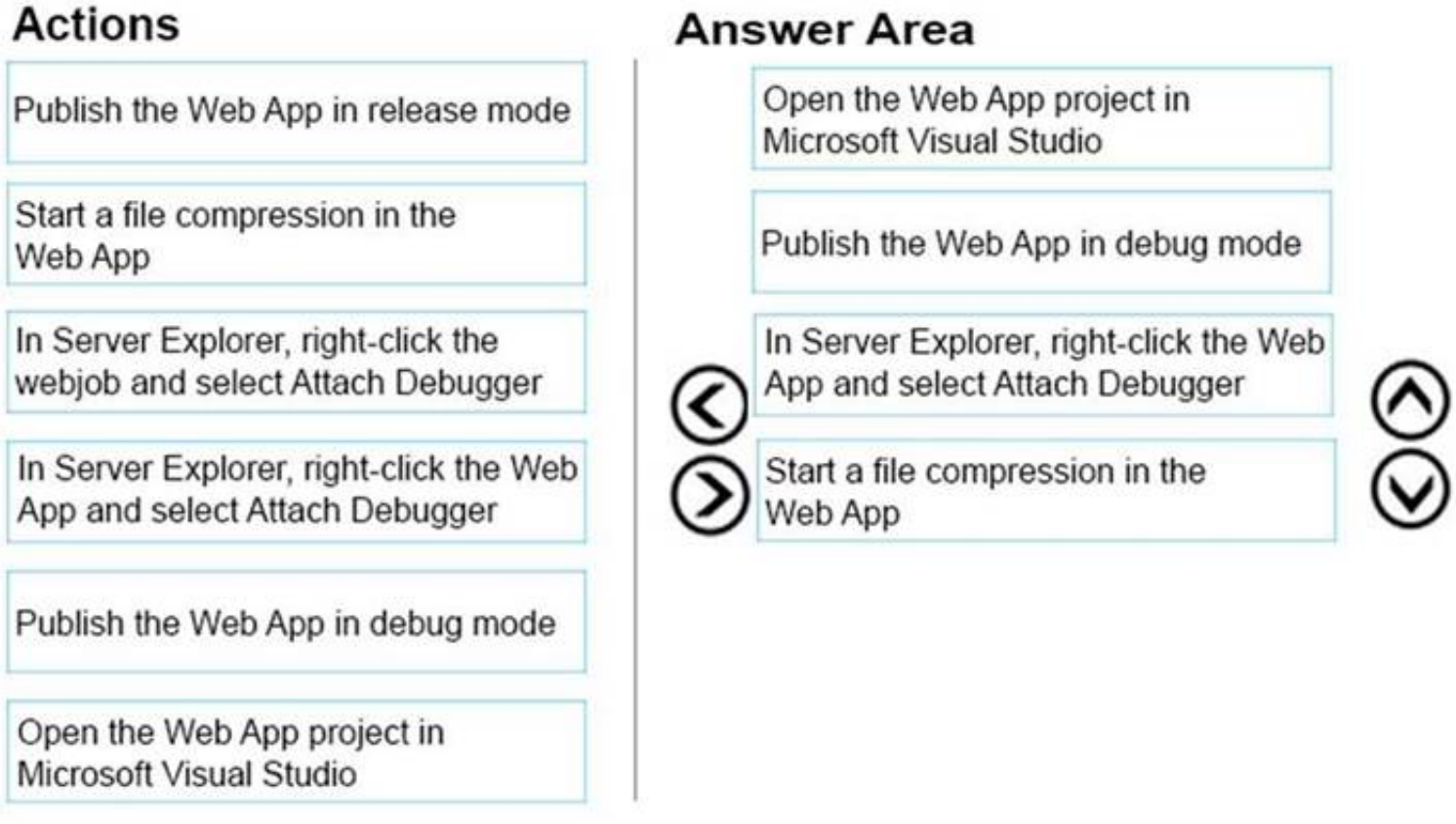
Answer: B

NEW QUESTION 471
DRAG DROP
You develop a Web App that uploads files from a browser and then compresses the files. You observe that compression is not working according to specification.
You need to debug the compression code to resolve the problem.
Which four actions should you perform in sequence? To answer, move the appropriate actions the list of actions to the answer area and arrange them in the correct order.



Answer:

Explanation:



NEW QUESTION 473
You are developing a Windows console application that uses a third-party C++ library. The console application is designed to be run as an Azure WebJob that has authentication and authorization enabled.
You need to ensure that the console application can determine the current user identity. What should you do?

A. Perform an HTTP request to the /.auth/me endpoint.
B. Call the System.Security.Principal.WindowsIdentity.GetCurrent() method.
C. Read the X-MS-CLIENT-PRINCIPAL-NAME header.
D. Read the identity from the UserName environment variable.

Answer: C

NEW QUESTION 474
You administer an Azure environment that includes six Azure Resource Manager (ARM) virtual machines (VMs) that support development. The development team uses Azure SQL databases and Azure Queues for application storage. All Azure resources are grouped within a single subscription and resource group.
You need to reduce the recurring monthly Azure costs without degrading server performance.
You must minimize the administrative effort involved. What should you do?

A. Remove the development team role from the resource group daily.
B. Create an Azure Automation runbook that cycles the VMs daily.
C. Update the development environment to use Azure Table storage.
D. Create an Azure PowerShell script that updates the VM size to Standard_A0 daily.

Answer: C

NEW QUESTION 476
You are designing a Windows Azure application.
The application will store data in Windows Azure Blob storage. Many of the application services will be interdependent.
You need to recommend an approach for optimizing the performance of the application. What should you recommend?

A. Create one affinity grou
B. Associate only the storage services with the affinity group.
C. Create one affinity grou
D. Associate only the compute services with the affinity group.
E. Create one affinity grou
F. Associate the compute services and storage services with the affinity group.
G. Create two affinity group
H. Associate the compute services with one group and the storage services with the other group.

Answer: C

Explanation: Use the following procedures to create an affinity group, which can be used to direct Windows Azure storage accounts and hosted services to the same geographical grouping within a specified region. Each affinity group is associated with a Windows Azure subscription, and can be used by multiple storage accounts and hosted services for that subscription.
Affinity groups can be created and managed by the service administrator and co- administrators for a subscription.

NEW QUESTION 481
You are designing a Windows Azure application.
The application includes two web roles and three instances of a worker role. The web roles will send requests to the worker role through one or more Windows Azure Queues.
You have the following requirements:
You need to recommend a queue design for sending requests to the worker role. What should you recommend?

A. Create a single queu
B. Send requests on the single queue.
C. Create a queue for each web rol
D. Send requests on all queues at the same time.
E. Create a queue for each worker role instanc
F. Send requests on each worker queue in a round robin.
G. Create a queue for each combination of web roles and worker role instance
H. Send requests to all worker role instances based on the sending web role.

Answer: A

NEW QUESTION 483
You are designing a Windows Azure application.
The application includes a web role and a worker role that communicate by using a Windows Azure Queue. The worker role processes each message within 10 seconds of retrieving it from the queue. The worker role must process each message exactly one time.
If a process does not complete, the worker role must reprocess the message.
You need to recommend an approach for the worker role to manage messages in the queue. What should you recommend?

A. Process the message and then delete it from the queue.
B. Delete the message from the queue when retrieving the message.
C. Set the visibility timeout of the message to 1 when the message.
D. Process the message and then set the visibility timeout of the message to the maximum value.

Answer: A

NEW QUESTION 485
You are designing a Windows Azure application that will generate events for multiple clients.
Client web services might be behind NAT gateways.
You need to recommend an approach that will allow you to broadcast the events to clients. What should you recommend?

A. Use ADO.NET Data Services and provide a shared key to clients.
B. Use Windows Azure Queues and provide a shared key to clients.
C. Use Windows Azure Table storage and provide a shared key to clients.
D. Use the Windows Azure AppFabric Service Bus and provide a shared secret to clients.

Answer: D

Explanation: The Windows Azure Service Bus provides a hosted, secure, and widely available infrastructure for widespread communication, large-scale event distribution, naming, and service publishing. The Service Bus provides connectivity options for Windows Communication Foundation (WCF) and other service endpoints including REST endpoints -- that would otherwise be difficult or impossible to reach. Endpoints can be located behind network address translation (NAT) boundaries, or bound to frequently-changing,
dynamically-assigned IP addresses, or both. The Service Bus provides both "relayed" and "brokered" messaging capabilities. In the relayed messaging pattern, the relay service supports direct one-way messaging, request/response messaging, and peer-to- peer
messaging. Brokered messaging provides durable, asynchronous messaging components such as Queues, Topics, and Subscriptions, with features that support publish-subscribe and temporal decoupling

NEW QUESTION 490
You are designing a Windows Azure application.

The application contains one web role and three worker roles.
You need to recommend an approach for updating only one role without interrupting the other roles.
What should you recommend?

A. Perform a VIP swap.
B. Perform an in-place upgrade.
C. Delete the current deployment and then redeploy the application.
D. Copy the cloud package to blob storage and then restart the service.

Answer: B

NEW QUESTION 492
You are planning an upgrade strategy for a Windows Azure application. You need to identify changes that will require application downtime. Which change will always require downtime?

A. Changing the virtual machine size
B. Adding an HTTPS endpoint to a web role
C. Changing the value of a configuration setting
D. Upgrading the hosted service by deploying a new package

Answer: B

NEW QUESTION 495
You are designing an automated deployment process for a Windows Azure application. The process must deploy the application to Windows Azure without any user interaction. You need to recommend a deployment strategy.
What should you recommend?

A. Use the Service Management API to deploy the application package.
B. Use the cspack and csrun command-line utilities and pass the cloud project as an argument.
C. Publish the cloud project to a local directory and upload the application package to Windows Azure Blob storage.
D. Publish the cloud project to a local directory and use the Windows Azure DeveloperPortal to upload the application.

Answer: A

NEW QUESTION 497
You are designing a Windows Azure application that will use Windows Azure Table storage. The application will allow teams of users to collaborate on projects. Each user is a member of only one team. You have the following requirements: You need to recommend an approach for partitioning table storage entities. What should you recommend?

A. Partition by user.
B. Partition by team.
C. Partition by project.
D. Partition by the current date.

Answer: B

NEW QUESTION 502
You are designing a plan for migrating Virtual Hard Disks (VHDs) and video files to Windows Azure Storage.
The VHDs must be optimized for random read/write operation. The video files must be optimized for sequential access.
You need to recommend storage types for storing the VHDs and video files.
Which two storage types should you recommend? (Each correct answer presents part of the solution. Choose two.)

A. Store VHDs in Windows Azure page blob storage.
B. Store VHDs in Windows Azure block blob storage.
C. Store video files in Windows Azure page blob storage.
D. Store video files in Windows Azure block blob storage.

Answer: AD

Explanation: You can store text and binary data in either of two types of blobs: Block blobs, which are optimized for streaming. Page blobs, which are optimized for random read/write operations and which provide the ability to write to a range of bytes in a blob. After you create or change the server image, you are ready to upload the .vhd file that contains the image data to Windows Azure. There are two opportunities for uploading VHDs to Windows Azure. When you initially create a VM role, you upload a base VHD to Windows Azure, which is used as a template to create VM role instances.

NEW QUESTION 505
You are planning to move streaming media content to Windows Azure Storage.
You need to recommend an approach for providing worldwide users the fastest possible access to the content.
Which two actions should you recommend? (Choose two.)

A. Use a Shared Access Signature.
B. Use Windows Azure page blob storage.
C. Use Windows Azure block blob storage.
D. Use the Windows Azure Content Delivery Network (CDN).

Answer: CD

Explanation: You can store text and binary data in either of two types of blobs: Block blobs, which are optimized for streaming. Page blobs, which are optimized for random read/write operations and which provide the ability to write to a range of bytes in a blob. Windows Azure provides the Windows Azure Content Delivery Network (CDN) to deliver Windows Azure Blob content. Windows Azure CDN offers developers a global solution for delivering high- bandwidth content. The benefit of using a CDN is better performance and user experience for users who are farther from the source of the content stored in the Windows Azure blob storage.

NEW QUESTION 510
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 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 a virtual machine scale set (VMSS) with three virtual machines (VMs). You define rules based on performance metrics and application response. You must define the performance metrics based on the data collected.
You need to configure the autoscale rules.
Solution: use the Visual Studio Cloud Explorer to autoscale VMSS. Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation: To create autoscale rules that use more detailed performance metrics, you can install and configure the Azure diagnostics extension on VM instances, or configure your application use App Insights.
Autoscale rules that use host-based metrics can be created with one of the following tools: Note: You can create autoscale rules that built-in host metrics available from your VM instances. Host metrics give you visibility into the performance of the VM instances in a scale set without the need to install or configure additional agents and data collections. Autoscale rules that use these metrics can scale out or in the number of VM instances in response to CPU usage, memory demand, or disk access.
References: https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview

NEW QUESTION 511
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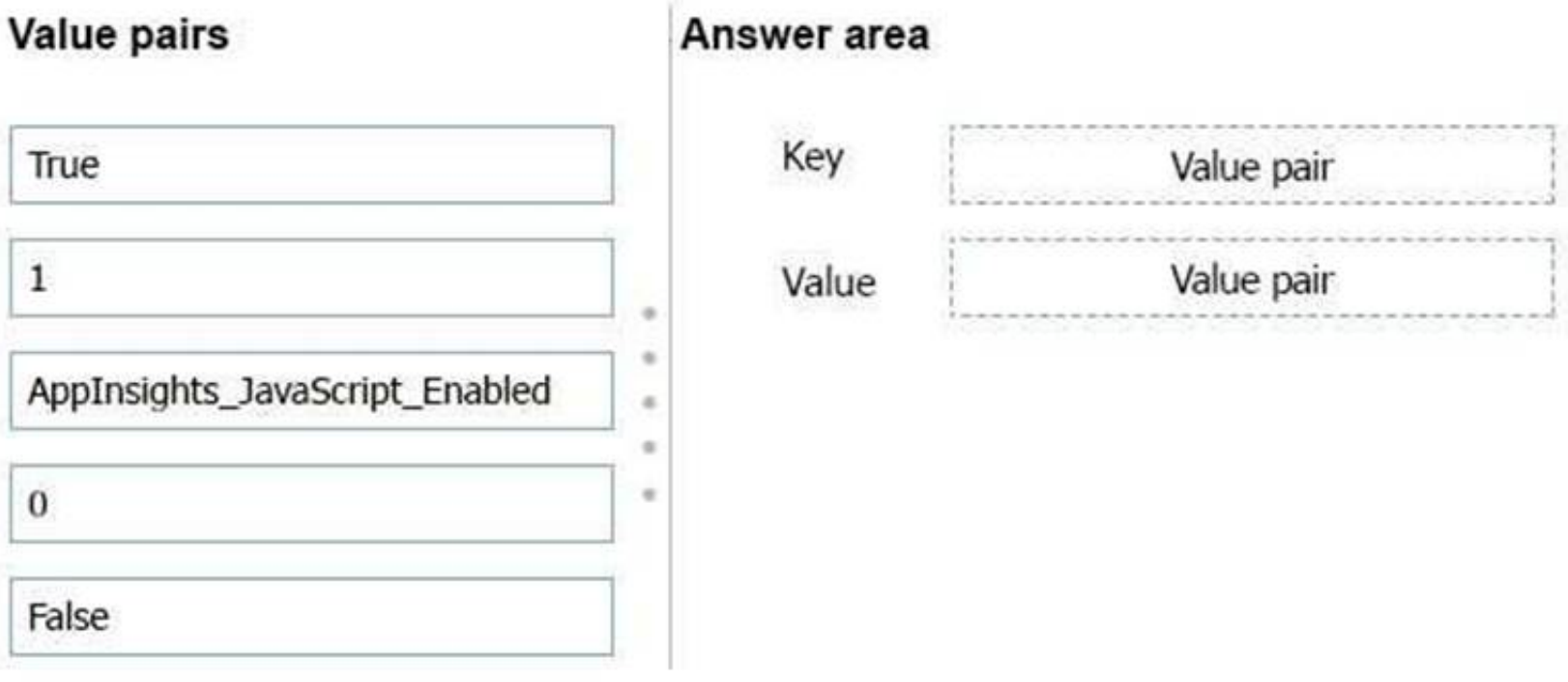
have a virtual machine scale set (VMSS) with three virtual machines (VMs). You define rules based on performance metrics and application response. You must define the performance metrics based on the data collected.
You need to configure the autoscale rules.
Solution: Use Azure Command-Line Interface (Azure CLI) to create rules to automatically scale out the VMSS.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation: To create autoscale rules that use more detailed performance metrics, you can install and configure the Azure diagnostics extension on VM instances, or configure your application use App Insights.
Note: You can create autoscale rules that built-in host metrics available from your VM instances. Host metrics give you visibility into the performance of the VM instances in a scale set without the need to install or configure additional agents and data collections. Autoscale rules that use these metrics can scale out or in the number of VM instances in response to CPU usage, memory demand, or disk access.
References: https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview

NEW QUESTION 513
DRAG DROP
You are testing an application. You observe errors being reported in the browser. The error logs indicate the issue is related to JavaScript code that runs in the application.
You need to configure Azure Application Insights on the client side to monitor the issues. Which key and value should you use? To answer, drag the appropriate key and value to the
correct locations. Each key or value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



Answer:

Explanation: Enable client side monitoring in Azure with Application Insights
If have enabled Application Insights in Azure, you can add page view and user telemetry.
1. Select Settings -> Application Settings
2. Under App Settings, add a new key value pair: Key: APPINSIGHTS_JAVASCRIPT_ENABLED
Value: true
References: https://azure.microsoft.com/en-us/blog/enable-client-side-monitoring-in-azure-with-application-insights/

NEW QUESTION 514
DRAG DROP
You are developing an ASP.NET MVC application that will be hosted in Azure. The
application will manage employee information.
The application will use the Azure Table storage service. You create a storage account. You store the connection string information in the web.config file in a key named EmployeeStorageConnectionString.
You have the following code:

```
public class EmployeeEntity : TableEntity
{
    public EmployeeEntity(string lastName, string firstName)
    {
        this.PartitionKey = lastName;
        this.RowKey = firstName;
    }
    public EmployeeEntity() { }
    public string Email { get; set; }
    public string PhoneNumber { get; set; }
}
```

You declare variables named employee1 and employee2 as EmployeeEntity objects. You need to insert the new entities in the same single batch operation.
Develop the solution by selecting and arranging the required five code blocks in the correct older.

Answer:

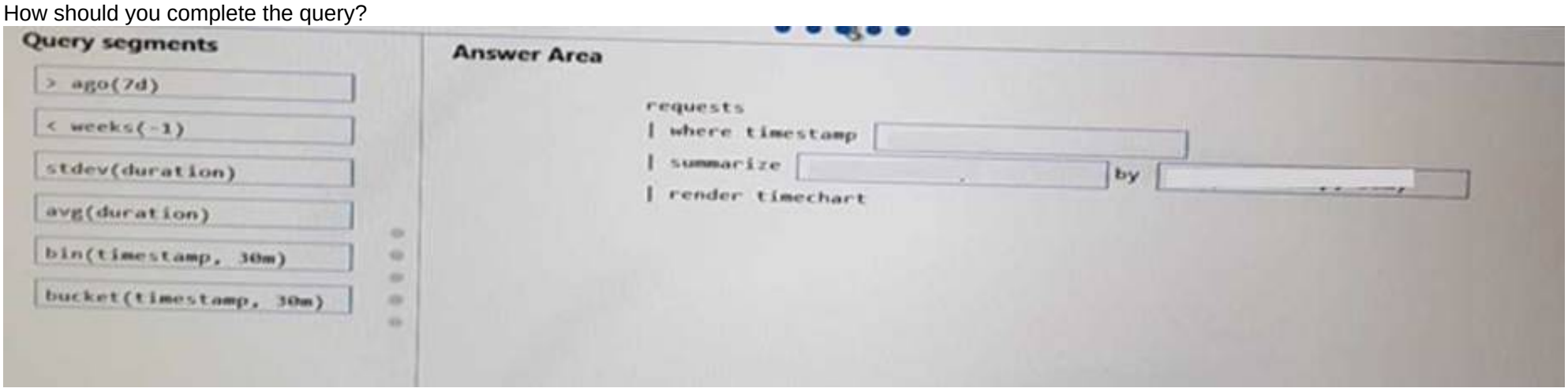
Explanation: Step 1: CloudStorageAccount storageAccount = CloudStorageAccount.Parse(..
Here's an example that shows how to retrieve a connection string from a configuration file: Parse the connection string and return a reference to the storage account. CloudStorageAccount storageAccount = CloudStorageAccount.Parse(CloudConfigurationManager.GetSetting("StorageConnectionString"));
Step 2: CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
Create the Table service client
The CloudTableClient class enables you to retrieve tables and entities stored in Table storage. Here's one way to create the Table service client:
Create the table client.
CloudTableClient tableClient = storageAccount.CreateCloudTableClient();
Now you are ready to write code that reads data from and writes data to Table storage. Step 3:
Retrieve a reference to the table.
CloudTable table = tableClient.GetTableReference("people"); Create the table if it doesn't exist.
table.CreateIfNotExists(); Create the batch operation.
TableBatchOperation batchOperation = new TableBatchOperation(); Step 4: batchOperation.Insert(employee1); batchOperation.Insert(employee2);
Add both customer entities to the batch insert operation. Step 5: table.ExecuteBatch(batchOperation);
Execute the batch operation.
References: https://docs.microsoft.com/en us/azure/cosmos-db/table-storage-how-to-use- dotnet

NEW QUESTION 518
DRAG DROP
You are building a set of deployment scripts for an Azure application that will be used by developers. The application is deployed using Azure Resource Manager and requires a set of
parameters stored in Azure Key Vault during deployment. Developers do not have permissions to view the contents of the Key Vault.
You need to ensure that developers can deploy the application.
What should you do? To answer, drag the appropriate JSON fragment to the correct location. Each JSON fragment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Answer:

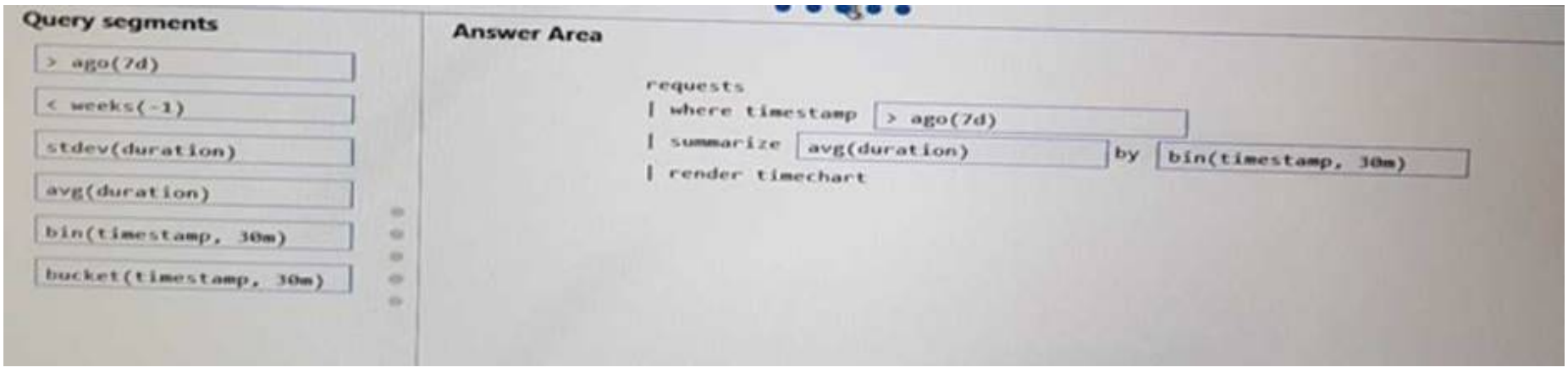
Explanation: Example: "resources": [
{
"type": "Microsoft.KeyVault/vaults/secrets", "apiVersion": "2015-06-01",
"name": "[concat(parameters('keyVaultName'), '/', parameters('secretName'))]", "properties": {
"value": "[parameters('secretValue')]"
}
}
],
References: https://github.com/Huachao/azure-content/blob/master/articles/resource-manager-template-keyvault-secret.md

NEW QUESTION 522
DRAG DROP
You maintain an application that runs in Azure. You instrument the application using Application Insights. Some users report that the response time for page loads is high, but only during busy times. The reports started in the last week.
Initial investigation reveal no significant difference in average response time throughout the You need to determine time periods when response time may be high.
How should you complete the query?



Answer:

Explanation:



NEW QUESTION 525
DRAG DROP
You are developing a commercial REST API by using API Management. Access to the API is managed by subscription, which can represent applications over a wide geographic area.
You receive several issue reports.

You need to configure policies to address these issues.
How should you complete the XML markup? To answer, drag the appropriate XML segments to the correct locations. Each XML 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.

XML segments

- cors
- set-variable
- counter-key
- return-response
- rate-limit-by-key
- limit-concurrency
- redirect-content-urls
- @(context.Subscription.Id)

Answer area

```
<policies>
  <inbound>
    <base />
    < [ XML segment ]
        calls="100"
        renewal-period="60"
        [ XML segment ] = " [ XML segment ] " />
  </inbound>
  <outbound>
    <base />
    < [ XML segment ] />
    <set-header name="X-SubId" exists-action="override">
      < value > [ XML segment ] </ value >
    </set-header>
  </outbound>
</policies>
```

Answer:

Explanation: Box 1: rate-limit-by-key
Box 2: counter-key
Box 3: @(context.Subscription.ID) Limit call rate by key
The rate-limit-by-key policy prevents API usage spikes on a per key basis by limiting the call rate to a specified number per a specified time period. The key can have an arbitrary string value and is typically provided using a policy expression. Optional increment condition can be added to specify which requests should be counted towards the limit. When this policy is triggered the caller receives a 429 Too Many Requests response status code.
Syntax: <rate-limit-by-key calls="number" renewal-period="seconds"
increment-condition="condition" counter-key="key value" /> Example
In the following example, the rate limit is keyed by the caller IP address.
<policies>
<inbound>
<base />
<rate-limit-by-key calls="10" renewal-period="60"
increment-condition="@(context.Response.StatusCode == 200)" counter-key="@(context.Request.IpAddress)"/>
</inbound>
<outbound>
<base />
</outbound>
</policies> Box 4: cors
The cors policy adds cross-origin resource sharing (CORS) support to an operation or an API to allow cross-domain calls from browser-based clients.
CORS allows a browser and a server to interact and determine whether or not to allow specific cross-origin requests (i.e. XMLHttpRequests calls made from JavaScript on a web page to other domains). This allows for more flexibility than only allowing same-origin requests, but is more secure than allowing all cross-origin requests.
Box 5: @(context.Subscription.ID)
Forward context information to the backend service
This example shows how to apply policy the API level to supply context information to the backend service.
<!-- Copy this snippet into the inbound element to forward some context information, user id and the region the gateway is hosted in, to the backend service for logging or evaluation -->
<set-header name="x-request-context-data" exists-action="override">
<value>@(context.User.Id)</value>
<value>@(context.Deployment.Region)</value>
</set-header>

NEW QUESTION 529
DRAG DROP
You are developing an application that stores information about assignments for students. The data for assignments in Cosmos DB uses the DocumentDB API.
You are integrating the application with a third-party library to display images based on the duedate property on assignment documents containing dates. The third-party library requires that all dates be expressed UTC format.
You need to ensure that all assignment due dates are stored in UTC format.
Which object should you POST to the Cosmos DB REST API? To answer, drag the appropriate JavaScript segments to the correct locations. Each JavaScript segments 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

- Pre
- Post
- All
- Insert
- Replace
- Delete
- getContext().getRequest()
- getContext().trigger.get Request()

Answer Area

```
{
"id" : "validateUtc",
"triggerOperation":" [ Code segment ] ",

"triggerType": " [ Code segment ] ",

 "body": " \
function trigger() { \
var request = [ Code segment ] ; \

var document = request.getBody(); \
var duedate = new Date(document['duedate']) \
if (!isNaN(duedate)) { \
document['duedate'] = duedate.toISOString(); \
}\
request.setBody(document); \
}",
}
```

Answer:

Explanation:

Code segments

- Pre
- Post
- All
- Insert
- Replace
- Delete
- getContext().getRequest()
- getContext().trigger.get Request()

Answer Area

```
{
"id" : "validateUtc",
"triggerOperation":" [ Insert ] ",

"triggerType": " [ Pre ] ",

 "body": " \
function trigger() { \
var request = [ getContext().getRequest() ] ; \

var document = request.getBody(); \
var duedate = new Date(document['duedate']) \
if (!isNaN(duedate)) { \
document['duedate'] = duedate.toISOString(); \
}\
request.setBody(document); \
}",
}
```

NEW QUESTION 533

DRAG DROP

You are a system administrator at your company. You are setting up Azure DevTest Labs for your Development, Test, and UAT environments.

You have the following requirements:

? The Development environment must provision VMs in the fastest way possible.

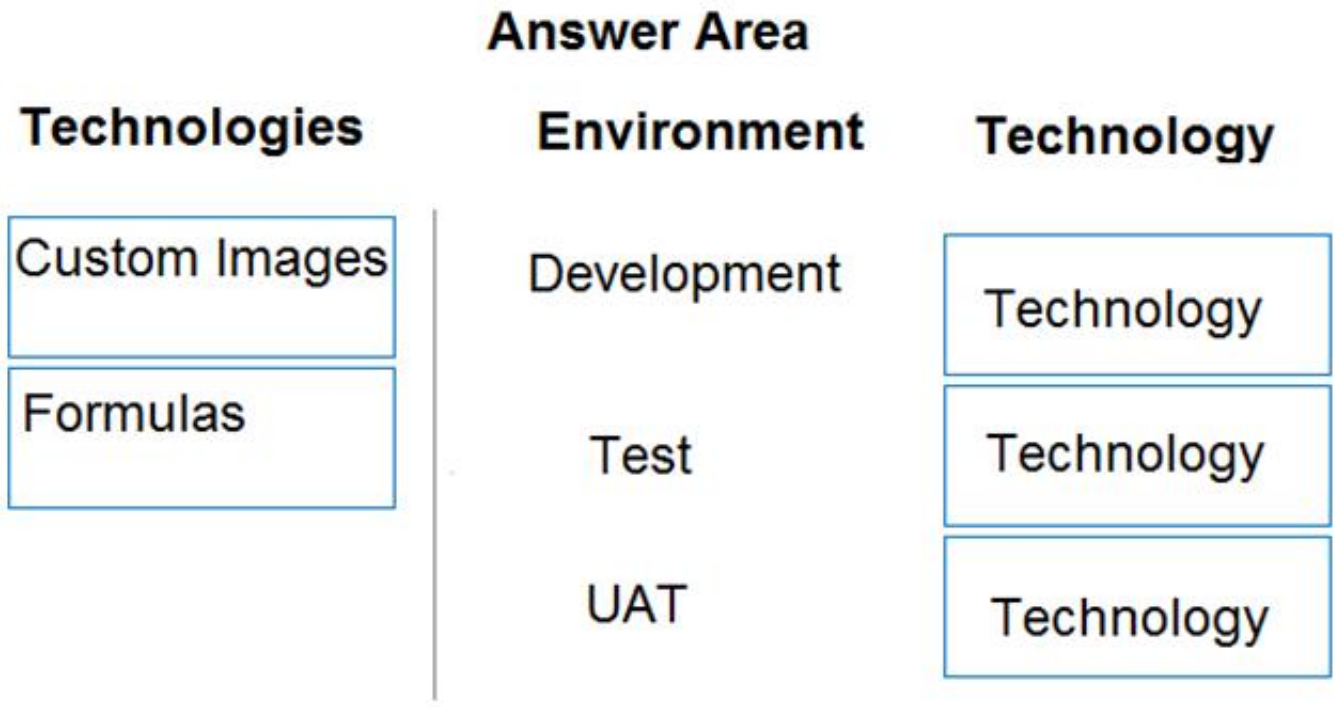
? The Test environment must allow for configuration of default settings of the VM sizes and virtual network settings.

? The UAT environment must deploy the latest changes from the release pipeline with the target base image.

You need to decide whether to use custom images or formulas for each environment. What should you do? To answer, select the appropriate technology for each environment.

Each technology may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:

Explanation: References:
https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-comparing-vm-base-image- types

NEW QUESTION 538
You manage an on-premises server that runs Windows Server 2016. The server has a disk that contains 40 terabytes (TB) of data and thousands of files. None of the individual files are larger than 10 TB. You plan to create a virtual machine (VM) in Azure to process the workload currently handled by the on-premises server. You need to create a storage location for the data. What should you

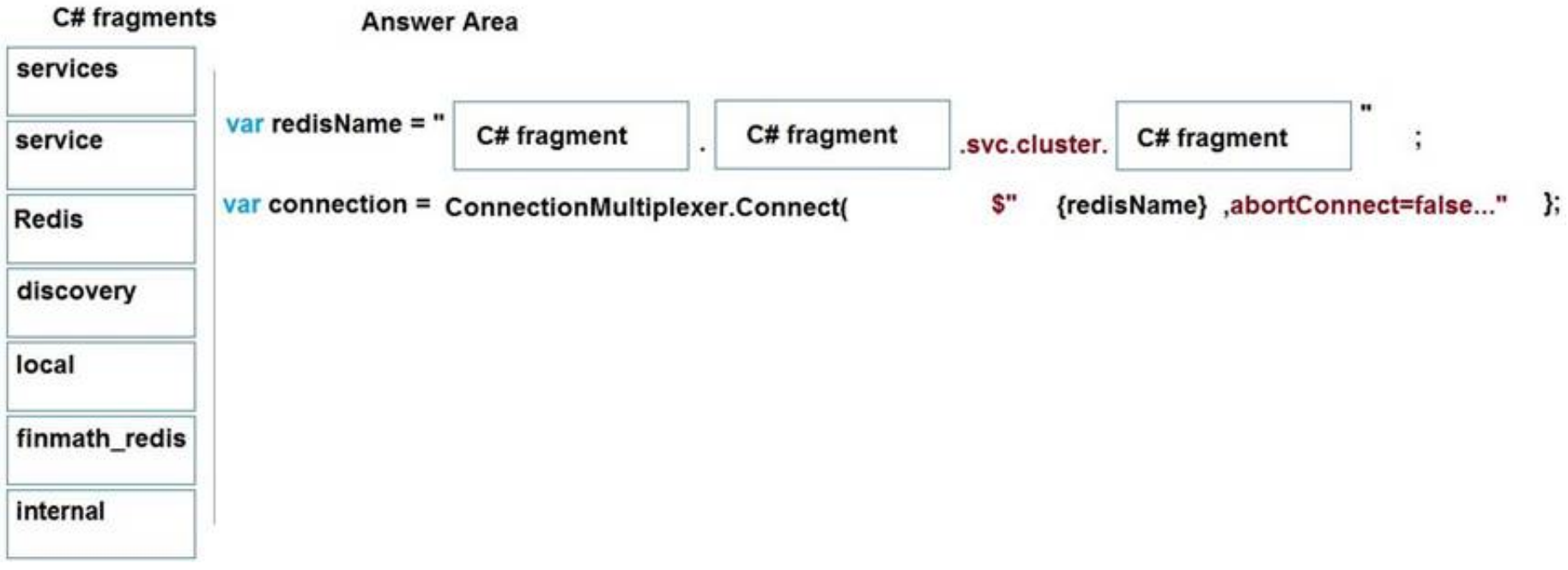
A. Add two data disks to the V
B. In the VM operating system, create a striped disk.
C. Create a standard storage accoun
D. Use a G-series VM.
E. Add four data disks to the V
F. In the VM operating system, create a striped disk.
G. Create premium storage accoun
H. Use a D-series VM.

Answer: B

NEW QUESTION 539
DRAG DROP
You are developing an ASP.NET Core Web API service named finmath. The service uses Redis as a caching server. The service will be deployed to a Kubernetes cluster running on Azure Container Service (ACS).
The Redis server must only be accessible by the finmath Web API service. A portion of the service's YAML file is as follows:

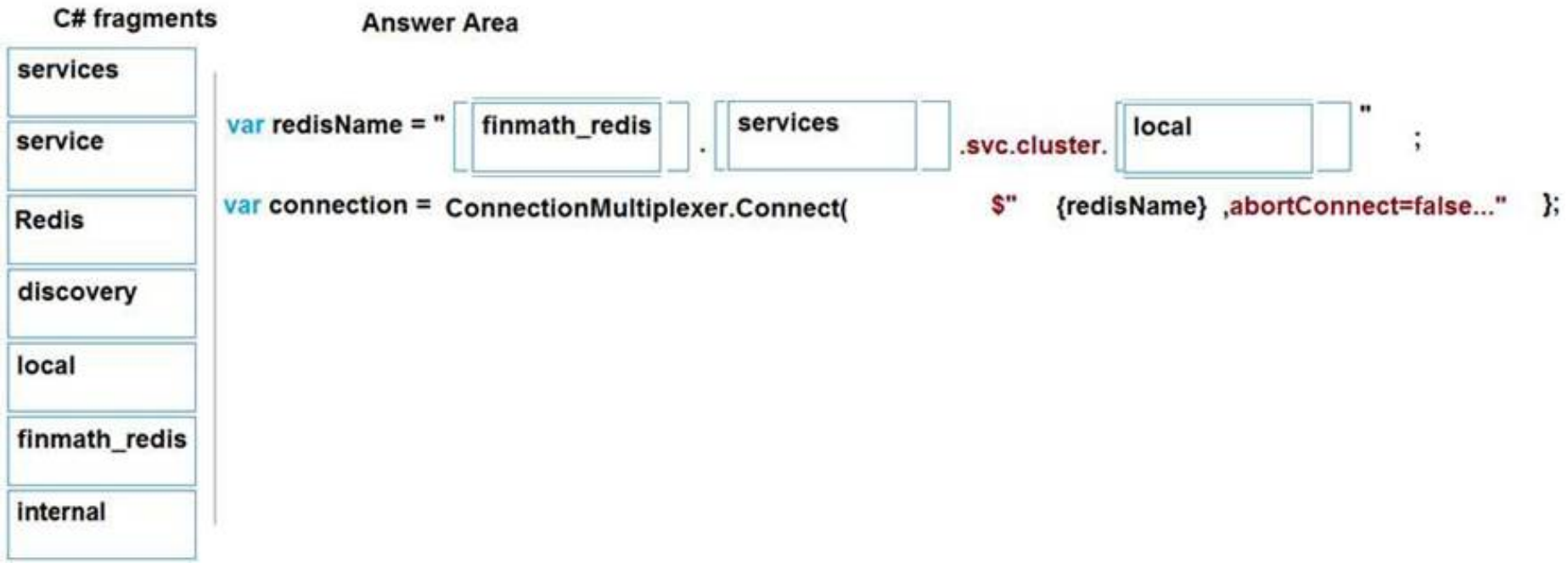
```
apiVersion: v1
kind: Namespace
metadata:
    name: services
...
kind: Service
metadata:
  name: service
spec:
   ports:
     - port: 6379
...
kind: Deployment
metadata:
name: finmath_redis
spec:
   template:
      spec:
       containers:
   - name: redis
   image: redis
   ports:
   - containerPort: 6379
   name: redis
```

What should you do? To answer, drag appropriate C# fragments to the correct locations. Each C# fragment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



Answer:

Explanation:



NEW QUESTION 540
HOTSPOT
You are developing a Web App that uses Azure Search.
You deploy the Web App to the Standard service tier. You need to add resources to the Azure Search service.
What should you do? To answer, select the appropriate resource from each list in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requierement	Action
Increase the document count.	Add partitions. / Add replicas.
Implement a high availability service.	Add partitions. / Add replicas.
Increase query throughput.	Add partitions. / Add replicas.

Answer:

Explanation:

Answer Area

Requierement	Action
Increase the document count.	**Add partitions.** / Add replicas.
Implement a high availability service.	Add partitions. / **Add replicas.**
Increase query throughput.	Add partitions. / **Add replicas.**

NEW QUESTION 541
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 are developing an ASP.NET Core Web API service that stores product listings in Cosmos DB in SQL mode. Properties such as average monthly profit are as materialized properties on the listing. All materialized properties are computed using properties on the listing.
The service inserts product listings without materialized property values.
You need to ensure that materialized property values are always calculated and saved. Solution: Write an Azure Function to build the materialized properties and trigger it from Cosmos DB.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 545
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 a virtual machine scale set (VMSS) with three virtual machines (VMs). You define rules based on performance metrics and application response. You must define the performance metrics based on the data collected.
You need to configure the autoscale
Solution: Use Azure PowerShell to create rules to automatically scale out the VMSS. Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation: To create autoscale rules that use more detailed performance metrics, you can install and configure the Azure diagnostics extension on VM instances, or configure your application use App Insights.
Autoscale rules that use host-based metrics can be created with one of the following tools: Note: You can create autoscale rules that built-in host metrics available from your VM instances. Host metrics give you visibility into the performance of the VM instances in a scale set without the need to install or configure additional agents and data collections. Autoscale rules that use these metrics can scale out or in the number of VM instances in response to CPU usage, memory demand, or disk access.
References: https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview

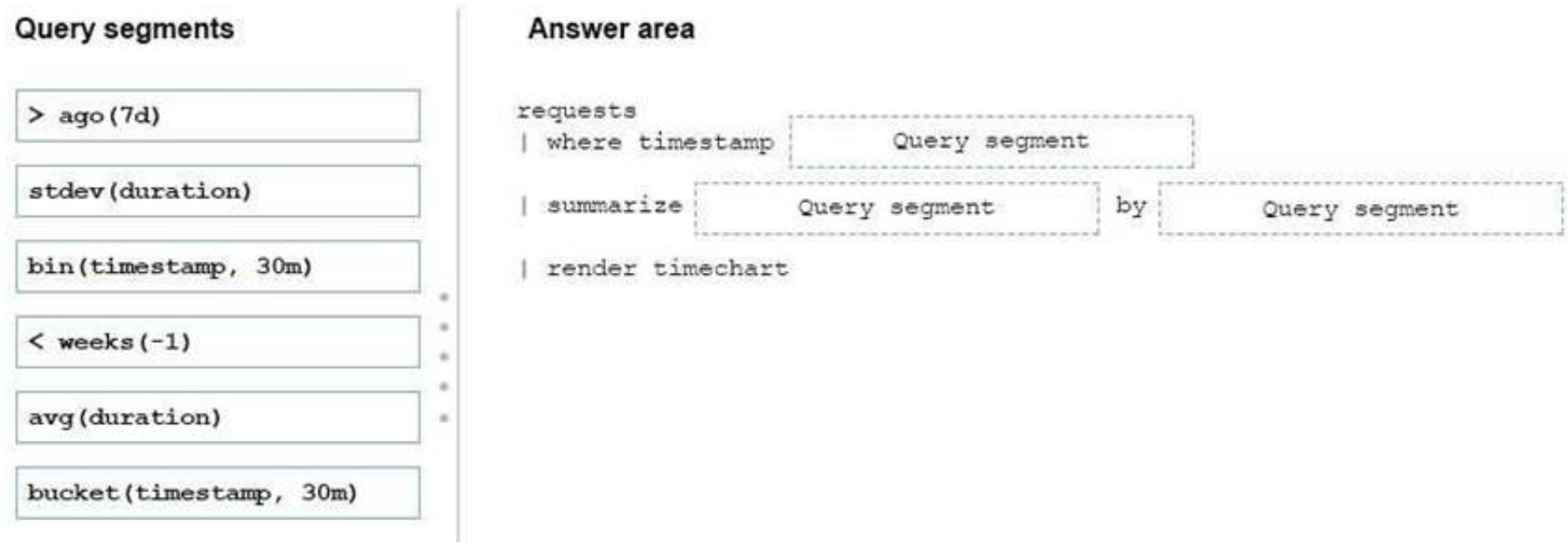
NEW QUESTION 546
You administer an Azure environment that includes six Azure Resource Manager (ARM) virtual machines (VMs) that support development. The development team uses Azure SQL databases and Azure Queues for application storage. All Azure resources are grouped within a single subscription and resource group.
You need to reduce the recurring monthly Azure costs without degrading server performance. You must minimize the administrative effort involved.
What should you do?

A. Remove the development team role from the resource group daily.
B. Create an Azure Automation runbook that compresses unused virtual hard disk (VHD) files daily.
C. Create an Azure PowerShell script that backs up and deprovisions all Azure SQL databases daily.
D. Create an Azure Automation runbook that cycles the VMs daily.

Answer: D

Explanation: Schedule startup and shutdown of your virtual machines using Azure Automation. The processes you want to automate can be done through runbooks

NEW QUESTION 548
DRAG DROP
You maintain an application that runs in Azure. You instrument the application using Application Insights.
Some users report that the response time for page loads is high, but only during busy times. The reports started in the last week. Initial investigation reveal no significant difference in average response times throughout the day.
You need to determine time periods when response time may be high.
How should you complete the query? To answer, drag the appropriate query segments to the correct locations. Each query 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.



Answer:

Explanation: References: https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/application-insights/app-insights-analytics-tour.md

NEW QUESTION 551
You develop an ASP.NET Web API that is hosted as an Azure Web App. The API uses a WebJob to process information. The WebJob has a very long start up time.

You configure the WebJob to run continuously. You observe that the WebJob is not running and processing information as expected.
You need to ensure the WebJob runs continuously. What should you do?

A. Schedule the WebJob by using the Azure Scheduler.
B. Update the API to self-host by using the Open Web Interface for .NET (OWIN). Migrate the API to Azure Service Fabric.
C. Enable the Always On configuration setting for the Web App.
D. Include a settings.job JSON file at the root of the WebJob zip file and include a valid CRON expression.

Answer: C

Explanation: Always On. By default, web apps are unloaded if they are idle for some period of time. This lets the system conserve resources. In Basic or Standard mode, you can Always On to keep the app loaded all the time. If your app runs continuous WebJobs or runs WebJobs triggered using a CRON expression, you should enable Always On, or the web jobs may not run reliably.
References: https://docs.microsoft.com/en-us/azure/app-service/web-sites-configure

NEW QUESTION 553
You are creating virtual machines (VMs) that are hosted on Azure.
You must be able to change the Remote Desktop access settings for the VMs. You must also be able to change the password for the built-in administrator account on all VMs. You identify the VMAccess VM extensions that have the required capabilities.
You need to enable the VMAccess VM extensions. Which approach should you use?

A. Use the Azure portal to restart each VM.
B. Download and install the Microsoft Installer file to enable the VM Agent on each VM.
C. Create an application that updates the configuration of each VM.
D. Use Azure PowerShell cmdlets to change the name of the availability set to the same name for all of the VMs.

Answer: D

Explanation: Several PowerShell commands exist for running individual extensions.
In the following example, the VM Access extension is used to reset the administrative password of a Windows VM to a temporary password. For more information on the VM Access extension, see Reset Remote Desktop service in a Windows VM. Once you have run this, you should reset the password at first login:
$cred=Get-Credential
Set-AzureRmVMAccessExtension -ResourceGroupName "myResourceGroup" -VMName "myVM" -Name "myVMAccess" `
Location WestUS -UserName $cred.GetNetworkCredential().Username `
-Password $cred.GetNetworkCredential().Password -typeHandlerVersion "2.0"

NEW QUESTION 555
You need to create an Azure Function to run the Daily Sponsor Report. Which function template should you use?

A. TimerTrigger
B. HTTPTrigger
C. ServiceBusQueueTrigger
D. EventHubTrigger

Answer: A

NEW QUESTION 558
You need to implement authentication. What should you use?

A. Active Directory Federation Services (AD FS)
B. Azure Active Directory (Azure AD) business to-consumer (B2C) stand-alone
C. Enterprise State Roaming
D. Azure Active Directory (Azure AD) self-service signup

Answer: A

NEW QUESTION 562
You are administrating an Azure environment for your company. You plan to deploy virtual machines (VMs) for a mobile application. You have the following requirements:
You need to configure four VMs for application development.
Solution: Create a resource group by using the Azure portal. Create four VMs and assign all VMs to the new resource group.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 563
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