Vendor: Microsoft

Exam Code: 70-532

Exam Name: Developing Microsoft Azure Applications

Version: DEMO

Case Study 1 - Web-based Solution (QUESTION 1 - QUESTION 8)

Case Study 2 - Contoso, Ltd (QUESTION 9 - QUESTION 18)

Case Study 3 - Mortgage Loan (QUESTION 19 - QUESTION 28)

Case Study 4 - File Tax-Related Document (QUESTION 29 - QUESTION 40)

Case Study 5 – Fabrikam

QUESTION 1
Hotspot Question
You use the Windows PowerShell Desired State Configuration (DSC) feature to configure your company's servers. Line numbers are included for reference only.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
The script configures SNMP service on all servers.	○	○
The script configures the Web Server (IIS) role on Server3.	○	○
Invoking the script within Windows PowerShell applies the desired state to all servers.	○	○

Answer:

Answer Area

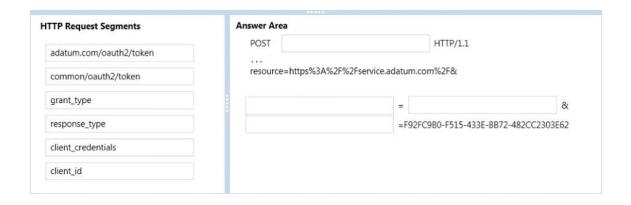|	Yes	No
The script configures SNMP service on all servers.	○	☑
The script configures the Web Server (IIS) role on Server3.	○	☑
Invoking the script within Windows PowerShell applies the desired state to all servers.	☑	○

QUESTION 2
Drag and Drop Question
You are developing a web application that integrates with Azure Active Directory (AD).
The application uses the OAuth 2.0 protocol to authorize secure connections to a web service that is at https://service.adatum.com.
The application must request an access token to invoke the web service methods.
You need to submit an HTTP request to the Azure AD endpoint.
How should you complete the request? 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.

Answer:

QUESTION 3
You are developing a messaging solution to integrate two applications named WeatherSummary and WeatherDetails. The WeatherSummary application displays a summary of weather information for major cities.
The WeatherDetails application displays weather details for a specific city.
You need to ensure that the WeatherDetails application displays the weather details for the city that the user selects in the WeatherSummary application.
What should you do?

A. Create an Azure Service Bus Queue communication.
    In the WeatherDetails application, implement the PeekLock method.
B. Create an Azure Service Bus Topics object.
    In the WeatherDetails application, create a filter.
C. Create an Azure Service Bus Relay object.
    In the WeatherDetails application, create a filter.
D. Create an Azure Service Bus Queue communication.
    In the WeatherDetails application, implement the ReceiveAndDelete method.

Answer: B

QUESTION 4
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: 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?

A. Yes
B. No

Answer: A

QUESTION 5
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 computerand 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

QUESTION 6
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

QUESTION 7
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

QUESTION 8
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 APL
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:
http://msdn.microsoft.com/en-us/library/azure/jj157190.aspx

QUESTION 9
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 Cache.
   Access the cache from the websites, cloud services, and VMs.
B. Configure a cache by using ASP.NET.
   Access the cache from the websites, cloud services, and VMs.
C. Use Azure Redis Cache to deploy one cache for each website, one cache for each cloud service, and one cache for each VM.
   Configure each cache to ensure that data is consistent in all the cache instances.
D. Deploy a cache by using Azure Redis Cache.
   Configure the cache to use database connection strings.

Answer: A

QUESTION 10
Drag and Drop Question
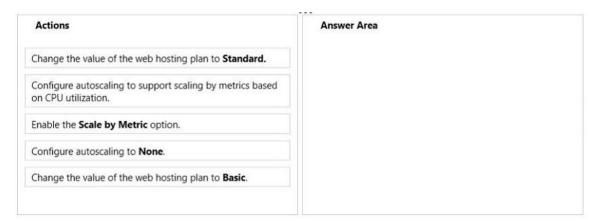You create a new web application by using a single Azure website deployment.
The deployment uses the shared web hosting plan.
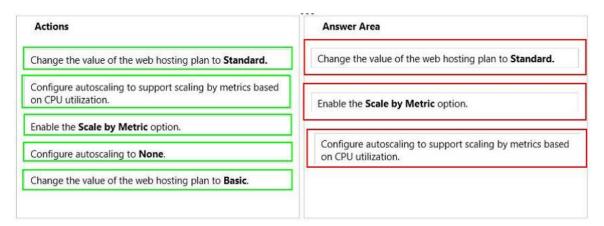User activity varies significantly and unpredictably.
The application must automatically scale to a maximum of eight virtual machines based on CPU utilization.
You need to configure the environment.
In the Azure management portal, which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Change the value of the web hosting plan to **Standard.**	
Configure autoscaling to support scaling by metrics based on CPU utilization.	
Enable the **Scale by Metric** option.	
Configure autoscaling to **None**.	
Change the value of the web hosting plan to **Basic**.	

Answer:

Actions	Answer Area
Change the value of the web hosting plan to **Standard.**	Change the value of the web hosting plan to **Standard.**
Configure autoscaling to support scaling by metrics based on CPU utilization.	Enable the **Scale by Metric** option.
Enable the **Scale by Metric** option.	Configure autoscaling to support scaling by metrics based on CPU utilization.
Configure autoscaling to **None**.	
Change the value of the web hosting plan to **Basic**.	

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