Free Questions for AZ-204

Shared by Burke on 04-10-2024

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Question 1

You are developing an Azure Function App that runs in an App Service Plan. The Azure Function is triggered by a Timer object. You observe that the Azure Function does not reliably trigger when scheduled. Which two actions should you perform?

Options:

A- Verify that Always On is enabled.

B- Modify the trigger to use a SignalR trigger.

C- Ensure that the function has a retry configured.

D- Modify the trigger to use Consumption mode instead of the App Service plan.

Answer:

A, C

Question 2

You are developing an application to store and retrieve data in Azure Blob storage. The application will be hosted in an on-premises virtual machine (VM). The VM is connected to Azure by using a Site-to-Site VPN gateway connection. The application is secured by using Azure Active Directory (Azure AD) credentials.

The application must be granted access to the Azure Blob storage account with a start time, expiry time, and read permissions. The Azure Blob storage account access must use the Azure AD credentials of the application to secure data access. Data access must be able to be revoked if the client application security is breached.

You need to secure the application access to Azure Blob storage.

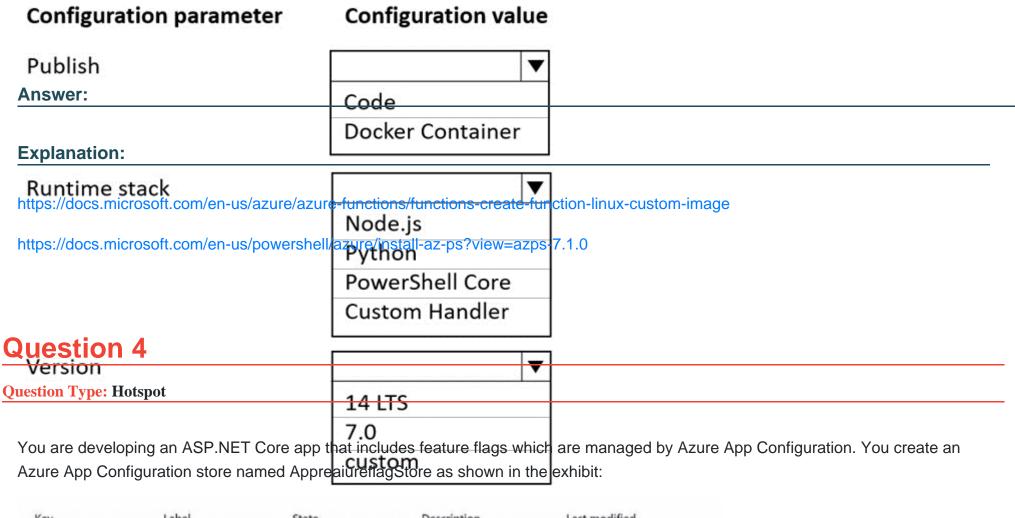Which security features should you use? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Component　　　　　　　　**Security Feature**

Application (Client)

Storage Account Access Key
System-assigned Managed Identity
Shared access signature (SAS) token

Explanation:

https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview

Azure Storage (Server)

Stored Access Policy
User-assigned Managed Identity
Cross-Origin Resource Sharing (CORS)

Question 3

Question Type: Hotspot

You are developing an Azure Function App. You develop code by using a language that is not supported by the Azure Function App host. The code language supports HTTP primitives.

You must deploy the code to a production Azure Function App environment.

You need to configure the app for deployment.

Which configuration values should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Configuration parameter	Configuration value
Publish	▼

Answer:

Code
Docker Container

Explanation:

Runtime stack	▼

https://docs.microsoft.com/en-us/azure/azure-functions/functions-create-function-linux-custom-image

https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-7.1.0

Node.js
Python
PowerShell Core
Custom Handler

Question 4

Version	▼

Question Type: Hotspot

14 LTS
7.0
custom

You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppreaiureriagStore as shown in the exhibit:

Key	Label	State	Description	Last modified
`<feature name="Export">`				5/11/2020, 9:13:26 ... •••
`  <li class="nav-item">`				
`    <a class="nav-link text-dark" asp-area="" asp-controller="Home" asp-action="Export">Export Data</a>`				
`  </li>`				e answer area.
`</feature>`				

NOTE: Each correct selection is worth one point.

Answer Area

Code section	Value
Controller attribute	FeatureGate Route ServiceFilter TypeFilter

Answer:

Startup method	
	AddAzureAppConfiguration AddControllersWithViews AddUserSecrets

Explanation:

AppConfig endpoint setting	
	https://appfeatureflagstore.azconfig.io https://appfeatureflagstore.vault.azure.net https://export.azconfig.io https://export.vault.azure.net

https://docs.microsoft.com/en-us/azure/azure-app-configuration/use-feature-flags-dotnet-core

https://csharp.christiannagel.com/2020/05/19/azureappconfiguration/

https://stackoverflow.com/questions/61899063/how-to-use-azure-app-configuration-rest-api

Question 5

Question Type: **Hotspot**

A software as a service (SaaS) company provides document management services. The company has a service that consists of several Azure web apps. All Azure web apps run in an Azure App Service Plan named PrimaryASP.

You are developing a new web service by using a web app named ExcelParser. The web app contains a third-party library for processing Microsoft Excel files. The license for the third-party library stipulates that you can only run a single instance of the library.

You need to configure the service.

How should you complete the script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
    Set-AzAppServicePlan `
```
`-ResourceGroupName $rg `
```
      -Name "PrimaryASP" `
```

Explanation:

```
    NumberOfSites 1
```
https://docs.microsoft.com/en-us/azure/app-service/manage-scale-per-app
```
    PerSiteScaling $true
    TargetWorkerCount = 1
    MaxNumberOfWorkers = 1
    SiteConfig.NumberOfWorkers = 1
```

Question 6

Question Type: Hotspot

```
    $app = Get-AzWebApp `
        -ResourceGroupName $rg `
        -Name "ExcelParser"
```

You are developing an ASP.NET Core time sheet application that runs as an Azure Web App. Users of the application enter their time sheet information on the first day of every month.

The application uses a third-party web service to validate data.

```
    $app.
    NumberOfSites 1
    PerSiteScaling $true
    TargetWorkerCount = 1
    MaxNumberOfWorkers = 1
    SiteConfig.NumberOfWorkers = 1
```

The application encounters periodic server errors due to errors that result from calling a third-party web server. Each request to the third-party server has the same chance of failure.

```
    Set-AzWebApp $app
```

You need to configure an Azure Monitor alert to detect server errors unrelated to the third-party service. You must minimize false-positive alerts.

How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
"type": "Microsoft.Insights/metricAlerts",
"properties": {
"criteria": {
    "odata.type": ". . .",
```

Answer: `allof": [`

```
    {
```

Explanation: `"criterionType": "`

| | ▼ | ", |

| DynamicThresholdCriterion |
| SingleResourceMultipleMetricCriteria |

Criteria

https://docs.microsoft.com/en-us/azure/azure-monitor/alerts/alerts-dynamic-thresholds

`"metricName": "` | | ▼ | ", |

| Http4xx |
| Http5xx |

`"alertSensitivity": "` | | ▼ | " |

| Low |
| High |

```
}]}}
```

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