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Question #20

Topic 4

DRAG DROP -

You are developing an application to retrieve user profile information. The application will use the Microsoft Graph SDK.

The app must retrieve user profile information by using a Microsoft Graph API call.

You need to call the Microsoft Graph API from the application.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Create an authentication provider.

Create a new instance of the GraphServiceClient.

Invoke the request to the Microsoft Graph API.

Register the application with the Microsoft identity platform.

Build a client by using the client app ID.

Answer Area



Correct Answer:

Actions

Answer Area

Register the application with the Microsoft identity platform.

Build a client by using the client app ID.



Create an authentication provider.

Create a new instance of the GraphServiceClient.

Invoke the request to the Microsoft Graph API.



Step 1: Register the application with the Microsoft identity platform.

To authenticate with the Microsoft identity platform endpoint, you must first register your app at the Azure app registration portal

Step 2: Build a client by using the client app ID

Step 3: Create an authentication provider

Create an authentication provider by passing in a client application and graph scopes.

Code example:

```
DeviceCodeProvider authProvider = new DeviceCodeProvider(publicClientApplication, graphScopes);
```

```
// Create a new instance of GraphServiceClient with the authentication provider.
```

```
GraphServiceClient graphClient = new GraphServiceClient(authProvider);
```

Step 4: Create a new instance of the GraphServiceClient

Step 5: Invoke the request to the Microsoft Graph API

Reference:

<https://docs.microsoft.com/en-us/graph/auth-v2-service>
<https://docs.microsoft.com/en-us/graph/sdks/create-client>

Question #21

Topic 4

DRAG DROP -

You develop and deploy an Azure Logic App that calls an Azure Function app. The Azure Function App includes an OpenAPI (Swagger) definition and uses an Azure Blob storage account. All resources are secured by using Azure Active Directory (Azure AD).

The Logic App must use Azure Monitor logs to record and store information about runtime data and events. The logs must be stored in the Azure Blob storage account.

You need to set up Azure Monitor logs and collect diagnostics data for the Azure Logic App.

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.

Select and Place:

Actions

Create action groups and alert rules.

Create a Log Analytics workspace.

Install the Logic Apps Management solution.

Add a diagnostic setting to the Azure Function App.

Create an Azure storage account.

Add a diagnostic setting to the Azure Logic App.

Answer Area

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Correct Answer:

Actions

Create action groups and alert rules.

Add a diagnostic setting to the Azure Function App.

Create an Azure storage account.

Answer Area

Create a Log Analytics workspace.

Install the Logic Apps Management solution.

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Add a diagnostic setting to the Azure Logic App.

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Step 1: Create a Log Analytics workspace

Before you start, you need a Log Analytics workspace.

Step 2: Install the Logic Apps Management solution

To set up logging for your logic app, you can enable Log Analytics when you create your logic app, or you can install the Logic Apps Management solution in your Log Analytics workspace for existing logic apps.

Step 3: Add a diagnostic setting to the Azure Logic App

Set up Azure Monitor logs -

1. In the Azure portal, find and select your logic app.
2. On your logic app menu, under Monitoring, select Diagnostic settings > Add diagnostic setting.

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/monitor-logic-apps-log-analytics>

<https://www.examtopics.com/exams/microsoft/az-204/view/24/>

2/6

DRAG DROP -

You develop an application. You plan to host the application on a set of virtual machines (VMs) in Azure.

You need to configure Azure Monitor to collect logs from the application.

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.

Select and Place:

Actions

Create a Log Analytics workspace.

Install agents on the VM and VM scale set to be monitored.

Send console logs.

Add a VMInsights solution.

Create an Application Insights resource.

Answer Area

Correct Answer:

Actions

Send console logs.

Answer Area

Create a Log Analytics workspace.

Add a VMInsights solution.

Install agents on the VM and VM scale set to be monitored.

Create an Application Insights resource.

Step 1: Create a Log Analytics workspace.

First create the workspace.

Step 2: Add a VMInsights solution.

Before a Log Analytics workspace can be used with VM insights, it must have the VMInsights solution installed.

Step 3: Install agents on the VM and VM scale set to be monitored.

Prior to onboarding agents, you must create and configure a workspace. Install or update the Application Insights Agent as an extension for Azure virtual machines and VM scalet sets.

Step 4: Create an Application Insights resource

Sign in to the Azure portal, and create an Application Insights resource.

Application Insights

Monitor web app performance and usage

Basics Tags Review + create

Create an Application Insights resource to monitor your live web application. With Application Insights, you have full observability into your application across all components and dependencies of your complex distributed architecture. It includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app. It's designed to help you continuously improve performance and usability. It works for apps on a wide variety of platforms including .NET, Node.js and Java EE, hosted on-premises, hybrid, or any public cloud. [Learn More](#)

PROJECT DETAILS

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Visual Studio Enterprise

Resource Group * ⓘ

My_Resource_Group

Create new

INSTANCE DETAILS

Name * ⓘ

My_Applnsights_Resource

Region * ⓘ

(US) West US 2

Resource Mode * ⓘ

Classic **Workspace-based**

WORKSPACE DETAILS

Subscription * ⓘ

Visual Studio Enterprise

Log Analytics Workspace * ⓘ

my-workspace-name [westus2]

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<< Previous

Next : Tags >

Once a workspace-based Application Insights resource has been created, configuring monitoring is relatively straightforward. Reference: <https://docs.microsoft.com/en-us/azure/azure-monitor/vm/vminsights-configure-workspace> <https://docs.microsoft.com/en-us/azure/azure-monitor/app/create-workspace-resource>

Question #1

Topic 5

DRAG DROP -

You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.

You must change the behavior of the API to meet the following requirements:

- ☞ Support alternative input parameters
- ☞ Remove formatting text from responses
- ☞ Provide additional context to back-end services

Which types of policies should you implement? To answer, drag the policy types to the correct scenarios. Each policy 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.

Select and Place:

Policy types

Inbound

Outbound

Backend

Answer Area**Requirement**

Rewrite the request URL to match to the format expected by the web service.

Remove formatting text from responses.

Forward the user ID that is associated with the subscription key for the original request to the back-end service.

Policy type

policy type

policy type

policy type

Policy types

Inbound

Outbound

Backend

Correct Answer:**Answer Area****Requirement**

Rewrite the request URL to match to the format expected by the web service.

Remove formatting text from responses.

Forward the user ID that is associated with the subscription key for the original request to the back-end service.

Policy type

Inbound

Outbound

Inbound

Reference:

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

Question #2

Topic 5

You are developing an e-commerce solution that uses a microservice architecture.

You need to design a communication backplane for communicating transactional messages between various parts of the solution. Messages must be communicated in first-in-first-out (FIFO) order.

What should you use?

A. Azure Storage Queue

B. Azure Event Hub

C. Azure Service Bus

D. Azure Event Grid

Correct Answer: A 

As a solution architect/developer, you should consider using Service Bus queues when:

👁 Your solution requires the queue to provide a guaranteed first-in-first-out (FIFO) ordered delivery.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted>

 Previous Questions

Next Questions 