



Microsoft

Exam Questions MS-600

Building Applications and Solutions with Microsoft 365 Core Services

NEW QUESTION 1

- (Exam Topic 1)

Which type of authentication flow should you recommend for the planned integration with Office 365?

- A. device code
- B. implicit grant
- C. authorization code
- D. client credentials

Answer: C

Explanation:

To use Microsoft Graph to read and write resources on behalf of a user, your app must get an access token from the Microsoft identity platform and attach the token to requests that it sends to Microsoft Graph.

One common flow used by native and mobile apps and also by some Web apps is the OAuth 2.0 authorization code grant flow.

Scenario: Email the generated invoices to customers on behalf of the current signed-in user. Any emails generated by the system will contain the invoiced.

Use Azure AD to manage identities, authentication, and authorization. Reference: <https://docs.microsoft.com/en-us/graph/auth-v2-user>

NEW QUESTION 2

- (Exam Topic 1)

You need to complete the MSAL.js code for SSO. Which code segment should you insert at line 06?

- A. `storeAuthStateInCookie: false`
- B. `storeAuthStateInCookie: true`
- C. `cacheLocation: 'localStorage'`
- D. `cacheLocation: 'sessionStorage'`

Answer: C

Explanation:

Scenario: Implement single sign-on (SSO) and minimize login prompts across browser tabs.

When your application is open in multiple tabs and you first sign in the user on one tab, the user is also signed in on the other tabs without being prompted.

MSAL.js caches the ID token for the user in the browser localStorage and will sign the user in to the application on the other open tabs.

By default, MSAL.js uses sessionStorage which does not allow the session to be shared between tabs. To get SSO between tabs, make sure to set the cacheLocation in MSAL.js to localStorage.

Reference: <https://docs.microsoft.com/bs-latn-ba/Azure/active-directory/develop/msal-js-ss0>

NEW QUESTION 3

- (Exam Topic 1)

How can you validate that the JSON notification message is sent from the Microsoft Graph service?

- A. The ClientState must match the value provided when subscribing.
- B. The user_guid must map to a user ID in the Azure AD tenant of the customer.
- C. The tenant ID must match the tenant ID of the customer's Office 365 tenant.
- D. The subscription ID must match the Azure subscription used by ADatum.

Answer: A

Explanation:

clientState specifies the value of the clientState property sent by the service in each notification. The maximum length is 128 characters. The client can check that the notification came from the service by comparing the value of the clientState property sent with the subscription with the value of the clientState property received with each notification.

Note: A subscription allows a client app to receive notifications about changes to data in Microsoft Graph. Reference: <https://docs.microsoft.com/en-us/graph/api/resources/subscription>

NEW QUESTION 4

- (Exam Topic 2)

You need to develop an add-in for Microsoft Excel that can be used from the Windows, Mac, and web versions of Excel.

What are two ways to develop the add-in? Each correct answer presents a complete solution?

NOTE: Each correct selection is worth one point.

- A. From Microsoft Teams, install App Studio
- B. From Microsoft Visual Studio that has the Microsoft Office/SharePoint development workload installed, create a new project that uses a Web Add-in template
- C. From the Microsoft Office 365 portal, use Microsoft PowerApps
- D. Use the Yeoman generator for Microsoft Office Add-ins to create the project, and then open the project in Microsoft Visual Studio Code
- E. From Microsoft Visual Studio that has the Microsoft Office/SharePoint development workload installed, create a new project that uses a Visual Studio Tools for Office (VSTO) template

Answer: DE

Explanation:

D: Run the following command to create an add-in project using the Yeoman generator: `yo office`

Visual Studio Code is a great tool to help you develop your custom Office Add-ins regardless if they are for Outlook, Word, Excel, PowerPoint and run in the web clients, Windows clients, iOS clients or on macOS.

Open the project in Visual Studio Code by entering the following on the command line from within the same folder where you ran the generator: `code`.

E: You can create VSTO Add-ins for Excel.

To create a new Excel VSTO Add-in project in Visual Studio

- Start Visual Studio.
- On the File menu, point to New, and then click Project.
- In the templates pane, expand Visual C# or Visual Basic, and then expand Office/SharePoint.
- Under the expanded Office/SharePoint node, select the Office Add-ins node.
- In the list of project templates, select Excel 2010 Add-in or Excel 2013 Add-in.
- In the Name box, type FirstExcelAddIn.
- Click OK.

Visual Studio creates the FirstExcelAddIn project and opens the ThisAddIn code file in the editor. References: <https://docs.microsoft.com/en-us/office/dev/add-ins/tutorials/excel-tutorial> https://code.visualstudio.com/docs/other/office#_use-visual-studio-code-to-develop-your-office-addin <https://docs.microsoft.com/en-us/visualstudio/vsto/walkthrough-creating-your-first-vsto-add-in-for-excel>

NEW QUESTION 5

- (Exam Topic 2)

You are developing a server-based web app that will use OAuth2 on behalf of the user and will be registered with the Microsoft identity platform.

Which two types of token will the app retrieve as part of the authorization flow? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. context token
- B. Kerberos token
- C. refresh token
- D. SAML token
- E. access token

Answer: BD

NEW QUESTION 6

- (Exam Topic 2)

You have a custom Microsoft Word add-in that was written by using Microsoft Visual Studio Code. A user reports that there is an issue with the add-in.

You need to debug the add-in for Word Online.

What should you do before you begin debugging in Visual Studio Code?

- A. Disable script debugging in your web browser
- B. Sideload the add-in
- C. Publish the manifest to the Microsoft SharePoint app catalog
- D. Add the manifest path to the trusted catalogs

Answer: C

Explanation:

Debug your add-in from Excel or Word on the web

To debug your add-in by using Office on the web (see step 3):

- * 12. Deploy your add-in to a server that supports SSL.
- * 13. In your add-in manifest file, update the SourceLocation element value to include an absolute, rather than a relative, URI.
- * 14. Upload the manifest to the Office Add-ins library in the app catalog on SharePoint.
- * 15. Launch Excel or Word on the web from the app launcher in Office 365, and open a new document.
- * 16. On the Insert tab, choose My Add-ins or Office Add-ins to insert your add-in and test it in the app.
- * 17. Use your favorite browser tool debugger to debug your add-in.

Reference: <https://docs.microsoft.com/en-us/office/dev/add-ins/testing/debug-add-ins-in-office-online>

NEW QUESTION 7

- (Exam Topic 2)

You are developing a Microsoft Office Add-in for Microsoft Word. Which Office UI element can contain commands from the add-in?

- A. dialog boxes
- B. the Quick Access Toolbar (QAT)
- C. context menus
- D. task panes

Answer: A

NEW QUESTION 8

- (Exam Topic 2)

What is the default permission scope when you request an access token by using MSGraphClient?

- A. User.Read
- B. People.Read.All
- C. People.Read
- D. User.Read.All

Answer: D

Explanation:

By default, the service principal has no explicit permissions granted to access the Microsoft Graph. However, if you request an access token for the Microsoft Graph, you get a token with the user_impersonation permission

scope that can be used for reading information about the users (that is, User.Read.All). Reference: <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/use-msgraph>

NEW QUESTION 9

- (Exam Topic 2)

You are building a single-page application (SPA) that will have the following parameters:

- App Id: DBA22F72-64PA4C44-AA2C-FAA0DA5A471B
- Tenant Id: DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC
- AppName: Contoso.Spa

You have a line-of-business API for invoicing that is secured by using the Microsoft identity platform. The API has the following parameters:

- * App Id: 8/9A43D7-1794-47A0-AB2B-440B63FEC248
- * Tenant Id: DC04SC4D S881-43C7-97AB 3C5A1ADB8DBC
- * AppName: Contoso.Invoicing

Contoso.Invoicing declares the following custom scopes:

- * Invoices-Read
- * Invoices. Read Write

Contoso.Spa needs to call Contoso.Invoicing to create new invoices.

Which code should you use in Contoso.Spa to obtain an access token for Contoso.Invoicing? To answer, select the appropriate options in the answer area.

NOTE: Each correct select is worth one point.

Answer Area

```
const app = new UserAgentApplication({
  auth: {
    clientId: 'DBA22F72-642A-4C44-AA2C-FAA0DA5A471B',
    clientId: '879A43D7-1794-47A0-AB2B-440B63FEC248',
    clientId: 'DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC',
    authority: 'https://login.microsoftonline.com/DBA22F72-642A-4C44-AA2C-FAA0DA5A471B/',
    authority: 'https://login.microsoftonline.com/879A43D7-1794-47A0-AB2B-440B63FEC248/',
    authority: 'https://login.microsoftonline.com/DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC/',
  },
  system: {
    logger: new Logger(this.logger)
  },
  cache: {cacheLocation: "localStorage"}
});

const response = await app.acquireTokenSilent({
  scopes: ['api://879A43D7-1794-47A0-AB2B-440B63FEC248/Invoices.Read']
  scopes: ['api://879A43D7-1794-47A0-AB2B-440B63FEC248/Invoices.ReadWrite']
  scopes: ['api://DBA22F72-642A-4C44-AA2C-FAA0DA5A471B/Invoices.ReadWrite']
  scopes: ['api://DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC/Invoices.Read']
  scopes: ['Invoices.Read']
  scopes: ['Invoices.ReadWrite']
});
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
const app = new UserAgentApplication({
  auth: {
    clientId: 'DBA22F72-642A-4C44-AA2C-FAA0DA5A471B',
    clientId: '879A43D7-1794-47A0-AB2B-440B63FEC248',
    clientId: 'DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC',
    authority: 'https://login.microsoftonline.com/DBA22F72-642A-4C44-AA2C-FAA0DA5A471B/',
    authority: 'https://login.microsoftonline.com/879A43D7-1794-47A0-AB2B-440B63FEC248/',
    authority: 'https://login.microsoftonline.com/DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC/'
  },
  system: {
    logger: new Logger(this.logger)
  },
  cache: {cacheLocation: "localStorage"}
});

const response = await app.acquireTokenSilent({
  scopes: ['api://879A43D7-1794-47A0-AB2B-440B63FEC248/Invoices.Read']
  scopes: ['api://879A43D7-1794-47A0-AB2B-440B63FEC248/Invoices.ReadWrite']
  scopes: ['api://DBA22F72-642A-4C44-AA2C-FAA0DA5A471B/Invoices.ReadWrite']
  scopes: ['api://DC045C4D-5881-43C7-97AB-3C5A1ADB8DBC/Invoices.Read']
  scopes: ['Invoices.Read']
  scopes: ['Invoices.ReadWrite']
});
```

NEW QUESTION 10

- (Exam Topic 2)

You have an API that is secured by using Azure Active Directory (Azure AD). You are designing a SharePoint Framework (SPFx) solution. Which object should you use to connect to the API from the solution?

- A. SPHttpClient
- B. HttpClient
- C. AadHttpClient

Answer: C

Explanation:

By using the AadHttpClient, you can easily connect to APIs secured by using Azure AD without having to implement the OAuth flow yourself. Reference: <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/use-aadhttpclient>

NEW QUESTION 10

- (Exam Topic 2)

You have an application named App1 that is used to administer an Azure Active Directory (Azure AD) tenant. When administrators install App1, they are prompted for admin consent.

Which application permission can cause the administrators to be prompted for consent?

- A. RoleManagement
- B. Read . Directory
- C. Device.Command
- D. Device.Read
- E. Calendars.ReadWrite

Answer: A

NEW QUESTION 15

- (Exam Topic 2)

You have an application that uses the Microsoft graph API.

When users open the application during peak hours, they occasionally receive an HTTP 429 Too Many requests response status code.

What should you do to mitigate the errors?

- A. Adjust the request rate based on the Rate-Limit-Reset Header.
- B. Wait 100 milliseconds between requests.
- C. Adjust the request rate based on the Retry-After header.

Answer: C

NEW QUESTION 19

- (Exam Topic 2)

You are building a Microsoft Outlook Web Add-in.

You need to persist user preferences between devices by using the minimum amount of development effort. Which API should you use?

- A. the Microsoft Graph API

- B. the REST API for the Blob service
- C. the JavaScript API for Microsoft Office
- D. the Table service REST API

Answer: C

Explanation:

You can persist add-in state and settings with the JavaScript API for Office. The JavaScript API for Office provides the Settings, RoamingSettings, and CustomProperties objects for saving add-in state across sessions
 Reference: <https://docs.microsoft.com/en-us/office/dev/add-ins/develop/persisting-add-in-state-and-settings>

NEW QUESTION 24

- (Exam Topic 2)

You have a starter SharePoint Framework (SPFx) web part. You need to test the web part from the local workbench by connecting to a URL of [https:// localhost:4321/temp/workbench.html](https://localhost:4321/temp/workbench.html). Which tool should you use make the web part available locally for debugging?

- A. Yeoman
- B. Microsoft Visual Studio Code
- C. npm install
- D. gulp serve

Answer: B

Explanation:

By setting up debugging of your SharePoint Framework solution in Visual Studio Code, you can more efficiently step through your code and fix errors. When building SharePoint Framework solutions, you can use the local workbench to verify that your web part is working correctly. Using the local workbench is convenient for testing all scenarios that do not require communicating with SharePoint as well as for offline development.
 Reference: <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/debug-in-vscode>

NEW QUESTION 29

- (Exam Topic 2)

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

Statements	Yes	No
You can use the JavaScript API for Microsoft Office to create a tab in Microsoft Teams.	<input type="radio"/>	<input type="radio"/>
You can use the JavaScript API for Microsoft Office to create a content add-in in Microsoft Excel.	<input type="radio"/>	<input type="radio"/>
You can use the JavaScript API for Microsoft Office to create a task pane add-in in Microsoft PowerPoint.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
 As part of your app you can add custom tabs to embed your own web content in Teams, and using the Teams JavaScript client SDK, add Teams-specific functionality to your web content.
 Box 2: Yes
 You can use the Office JavaScript API to create task pane or content add-ins for Office 2013 host applications. Box 3: Yes
 You can use the Office JavaScript API to create task pane or content add-ins for Office 2013 host applications. Reference: <https://docs.microsoft.com/en-us/microsoftteams/platform/tabs/what-are-tabs> <https://docs.microsoft.com/en-us/office/dev/add-ins/develop/support-for-task-pane-and-content-add-ins>

NEW QUESTION 31

- (Exam Topic 2)

You are developing an Azure web app that will enable users to view a consolidated view of multiple users' tasks based on data in Microsoft Planner and Outlook. The app will use the Microsoft identity platform and a certificate to establish an authorization flow between the app and Microsoft 365. You obtain a certificate and you create an Azure Active Directory (Azure AD) application. You need to set up authorization for the application. Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a secret in the Azure AD application.
- B. Add the required delegated permissions to the Azure AD application.
- C. Modify the code of the Azure web app to use the certificate to obtain an access token for Microsoft Graph.
- D. From the Azure portal, configure a certificate public key for the Azure AD application.

Answer: ACD

NEW QUESTION 36

- (Exam Topic 2)

You are developing a mobile application that will display the current signed-in user's display name and the application settings. The application settings are stored as Microsoft graph extension of the user profile.

Users of the application have intermittent network connectivity.

You need to retrieve the least amount of data by using a single REST request. The solution must minimize network traffic.

Which URI Should you use to retrieve the data?

`https://graph.microsoft.com/v1.0/me?$select=displayName,userType&$expand=extensions`

`https://graph.microsoft.com/v1.0/me?$select=displayName,id&$expand=extensions`

`https://graph.microsoft.com/v1.0/me`

`https://graph.microsoft.com/v1.0/me?$expand=extensions`

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

Answer: C

NEW QUESTION 37

- (Exam Topic 2)

You are developing an application that will upload files that are larger than 50 MB to Microsoft OneDrive.

You need to recommend an upload solution to ensure that the file upload process can resume if a network error occurs during the upload.

Which four actions should you perform in sequence? To answer, move the actions from the list of actions to the answer area and arrange them in the correct order.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 38

- (Exam Topic 2)

You are designing a custom SharePoint Framework (SPFx) web part that will be deployed to modern Microsoft SharePoint sites. You need to ensure that all the web part fields and controls adopt the theme of the site when you deploy the web part. What should you use to develop the web part?

- A. Material-UI
- B. Office UI Fabric React
- C. HTML 5.0 and CSS
- D. Fluid Framework

Answer: B

Explanation:

Office UI Fabric is Microsoft's official front end framework for building User Interface experiences for Office and Office 365. In simple terms it gives you the look and feel for your component. Moreover, they are open source, mobile responsive and reusable, no need to create from scratch just refer them in your code and start utilizing them.

Microsoft modern SharePoint out of the box webparts are made up these Office UI Fabric framework, so to maintain consistency look and feel as like Office it's better to use these components in our custom SPFx webparts.

Reference:

<http://www.sharepointsamples.com/sharepoint-framework-webpart-with-office-ui-fabric-react-component/>

NEW QUESTION 41

- (Exam Topic 2)

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can use the Adaptive Cards Designer to create Microsoft Outlook actionable messages.	<input type="radio"/>	<input type="radio"/>
Microsoft Outlook actionable messages are written in JSON.	<input type="radio"/>	<input type="radio"/>
You need Azure Active Directory (Azure AD) tenant admin privileges to enable Microsoft Outlook actionable messages.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

The Adaptive Cards Designer provides a drag-and-drop experience to quickly build and tweak adaptive cards. Outlook Actionable Messages cards are designed using the Adaptive Card format. The Adaptive Card format is a simple yet powerful declarative layout format that provides a lot of flexibility, allowing for visually rich cards. In this topic we'll cover the Outlook-specific features of the Adaptive Card format.

Box 2: Yes

The actionable message card is in JSON format. Box 3: No

By default, the Tenant Administrator can create, edit, clone, and delete tenants, and manage user accounts. Note:

To enable Actionable Messages the recipient of the task must be an Office 365 customer with permissions for the SharePoint online site.

No: Office 365 administrators can disable actionable messages via the Set-OrganizationConfig cmdlet. If actionable messages do not render, check with your administrator to make sure the feature is enabled in your organization.

Adaptive Cards Designer Microsoft outlook actionable messages

References: <https://docs.microsoft.com/en-us/outlook/actionable-messages/adaptive-card> <https://gingkoapp.com/create-tenant-administrator.html>

NEW QUESTION 42

- (Exam Topic 2)

This question requires that you evaluate the underlined text to determine if it is correct.

Microsoft Visual Studio Code contains samples that you can use to quickly prototype a Microsoft Office Web Add-in for Microsoft Word.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. Microsoft AppSource
- C. The Office UI Fabric
- D. The Script Lab add-in

Answer: D

NEW QUESTION 47

- (Exam Topic 2)

You receive the following JSON document when you use Microsoft Graph to query the current signed-in user.

```
{
  "@odata.context": "https://graph.microsoft.com/v1.0/$metadata#users/$entity",
  "businessPhones": [
    "+1 555 444 222"
  ],
  "displayName": "BenSmith",
  "givenName": "Ben",
  "jobTitle": "Developer",
  "mail": "ben.smith@contoso.com",
  "mobilePhone": "+1 555 444 222",
  "officeLocation": null,
  "preferredLanguage": null,
  "surname": "Smith",
  "userPrincipalName": "ben.smith@contoso.com",
  "id": "5fa74bb7-b45b-426d-8ac7-446f090feeb5"
}
```

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

Statements	Yes	No
If you query a URI of https://graph.microsoft.com/v1.0/me/photo/\$value , you will get the profile picture.	<input type="radio"/>	<input type="radio"/>
If you query a URI of https://graph.microsoft.com/v1.0/users/ben.smith@contoso.com/photo/\$value , you will get the profile picture.	<input type="radio"/>	<input type="radio"/>
If you query a URI of https://graph.microsoft.com/v1.0/users/5fa74bb7-b45b-426d-8ac7-446f090feeb5/photo/\$value , you will get the profile picture.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Syntax: GET /me/photo/\$value

Get the specified profilePhoto or its metadata (profilePhoto properties). Example: Get the photo for the signed-in user in the largest available size GET

[https://graph.microsoft.com/v1.0/me/photo/\\$value](https://graph.microsoft.com/v1.0/me/photo/$value)

Box 2: Yes

Syntax: GET /users/{id | userPrincipalName}/photo/\$value

Get the specified profilePhoto or its metadata (profilePhoto properties). Box 3: Yes

Syntax: GET /users/{id | userPrincipalName}/photo/\$value

Get the specified profilePhoto or its metadata (profilePhoto properties). Reference: <https://docs.microsoft.com/en-us/graph/api/profilephoto-get>

NEW QUESTION 49

- (Exam Topic 2)

When developing a tab in Microsoft teams, personal, group, and shared tabs can all be implemented as configurable tabs.

Instructions: Review the underlined BOLD text, if it makes the statement correct, select "No change is needed" if the statement is incorrect select the answer choice that makes the statement correct.

- A. No change is needed.
- B. Share the same code
- C. Be used in a conversation
- D. Have a configuration panel

Answer: A

NEW QUESTION 52

- (Exam Topic 2)

This question requires that you evaluate the underlined text to determine if it is correct.

Centralized deployments for Microsoft Office Add-ins require Office Online Server.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. Azure Active Directory (Azure AD)
- C. Azure AD Connect
- D. an Azure web app

Answer: A

Explanation:

Centralized deployment of add-ins requires that the users are using Office 365 ProPlus (and are signed into Office using their Organizational ID), and have Exchange Online and active Exchange Online mailboxes.

Reference: <https://docs.microsoft.com/en-us/office365/admin/manage/centralized-deployment-of-add-ins>

NEW QUESTION 54

- (Exam Topic 2)

You are developing an application that will use Microsoft Graph.

You attempt to retrieve a list of the groups in your organization by using a URI of <https://graph.microsoft.com/v1.0/groups> on behalf of the user.

The application fails. The diagnostic logs show the following information:

* An HTTP 403 Forbidden status code

* An Authorization_RequestDenied error code

* The following error message: "Insufficient privileges to complete the operation."

You need to ensure that the application can retrieve the list of groups. The solution must use the principle of least privilege. Which two actions should you perform?

Each correct answer presents part of the solution.

NOTE; Each correct selection is worth one point.

- A. In the permission request for the application, request the Group.Read.All permission.
- B. Request the Group.Read.All permission for the application.
- C. All permission.
- D. Grant tenant admin consent for the Group.Read.All permission.
- E. All permission.
- F. Configure the application to use application permissions.
- G. In the permission request for the application, request the Group.Read.All permission.
- H. Readwrite.All permission.
- I. All permission

Answer: AD

NEW QUESTION 56

- (Exam Topic 2)

You have a backend service that will access the Microsoft Graph API.

You need to configure the service to authenticate by using the most secure authentication method. What should you configure the service to use?

- A. a certificate
- B. a client secret
- C. a shared key
- D. a hash

Answer: A

Explanation:

You can authenticate to the Graph API with two primary methods: AppID/Secret and certificate based authentication. Certificate is the preferred and more secure way of authenticating.

Reference: <https://adamtheautomator.com/microsoft-graph-api-powershell/>

NEW QUESTION 58

- (Exam Topic 2)

You have an application that employees use to schedule vacations. The application sets an automatic reply and an out-of-office event in the employees' Microsoft 365 calendar.

Employees who access the application from a mobile device report that the application is slow to make changes.

You need to replace the application calls to use batched request. Automatic reply must be set only if an out-of-office event is set successfully.

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

Answer Area

```

DELETE
GET
HEAD
PATCH
POST
PUT
https://graph.microsoft.com/v1.0/$batch
These are the selections for the first missing value:
application/json

"requests": [
  {
    "id": "1",
    "method": "DELETE",
    "url": "/me/event",
    "body": {
      "subject": "on vacation",
      "showAs": "off",
      "start": {
        "dateTime": "2019-08-27T14:49:06.595Z",
        "timeZone": "UTC"
      },
      "headers": {
        "Content-Type": "application/json"
      }
    },
  },
  {
    "id": "2",
    "dependsOn": [1, 2],
    "url": "/me/mail",
    "method": ["1", "2"],
    "body": {
      "automaticRepliesSetting": {
        "status": "Scheduled",
        "scheduledStartDateTime": {
          "dateTime": "2020-03-20T18:00:00.0000000",
          "timeZone": "UTC"
        },
        "scheduledEndDateTime": {
          "dateTime": "2020-03-28T18:00:00.0000000",
          "timeZone": "UTC"
        }
      },
      "headers": {
        "Content-Type": "application/json"
      }
    },
  }
]
  
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

DELETE
GET
HEAD
PATCH
POST
PUT
https://graph.microsoft.com/v1.0/$batch
These are the selections for the first missing value.
application/json

"requests": [
  {
    "id": "1",
    "method": "DELETE",
    "url": "/mc/event",
    "body": {
      "subject": "on vacation",
      "showAs": "off",
      "start": {
        "dateTime": "2019-08-27T14:49:06.5952",
        "timeZone": "UTC"
      }
    },
    "headers": {
      "Content-type": "application/json"
    }
  },
  {
    "id": "2",
    "dependsOn": [1],
    "url": "/me/mailFolders",
    "method": "POST",
    "body": {
      "automaticRepliesSetting": {
        "status": "Scheduled",
        "scheduledStartDateTime": {
          "dateTime": "2020-03-20T18:00:00.0000000",
          "timeZone": "UTC"
        },
        "scheduledEndDateTime": {
          "dateTime": "2020-03-28T18:00:00.0000000",
          "timeZone": "UTC"
        }
      }
    },
    "headers": {
      "Content-Type": "application/json"
    }
  }
]

```

NEW QUESTION 63

- (Exam Topic 2)

This question requires that you evaluate the underlined text to determine if it is correct- For a Microsoft Office Add-in, you set the icon in the Microsoft SharePoint app catalog.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. a JSON manifest file
- C. the Office app catalog
- D. an XML manifest file

Answer: D

NEW QUESTION 64

- (Exam Topic 2)

You are building a Microsoft Outlook add-in.

Which object should you use to save a user's preferences between sessions and devices?

- A. localStorage
- B. RoamingSettings
- C. CustomXMLParts
- D. CustomProperties

Answer: D

NEW QUESTION 67

- (Exam Topic 2)

You are developing a Microsoft Teams solution to host an existing webpage as a Teams tab. Which requirement must the page meet?

- A. The page must adhere to HTML 5.0 standards
- B. The page must adhere to WCAG 2.0 accessibility guidelines
- C. The page must be hosted on a domain that is on the validDomains list of the manifest
- D. The page must use CSS3 stylesheets

Answer: C

Explanation:

Make sure that all domains used in your tab pages are listed in the manifest.json validDomains array. Reference: <https://docs.microsoft.com/en-us/microsoftteams/platform/tabs/how-to/create-tab-pages/configuration-page>

NEW QUESTION 69

- (Exam Topic 2)

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

Answer Area

Statements	Yes	No
A Microsoft Office Web Add-in can be scaffolded by using a Yeoman generator.	<input type="radio"/>	<input type="radio"/>
Microsoft Office Web Add-ins can be developed by using C#.	<input type="radio"/>	<input type="radio"/>
The code for a Microsoft Office Web Add-in has access to the local file system of a device.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A Microsoft Office Web Add-in can be scaffolded by using a Yeoman generator.	<input checked="" type="radio"/>	<input type="radio"/>
Microsoft Office Web Add-ins can be developed by using C#.	<input checked="" type="radio"/>	<input type="radio"/>
The code for a Microsoft Office Web Add-in has access to the local file system of a device.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 71

- (Exam Topic 2)

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 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 a new application named App1 that uses the Microsoft identity platform to authenticate to Azure Active Directory (Azure AD).

Currently, App1 can read user profile information. You need to allow App1 to read the user's calendar.

Solution: Add `https://graph.windows.net/user.read` to the list of scopes during the initial login request. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Microsoft Graph Calendars.Read allows the app to read events in user calendars.

For your app to access data in Microsoft Graph, the user or administrator must grant it the correct permissions via a consent process.

Application permissions are used by apps that run without a signed-in user present; for example, apps that run as background services or daemons. Application permissions can only be consented by an administrator.

References: <https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-permissions-and-consent> <https://docs.microsoft.com/en-us/graph/permissions-reference>

NEW QUESTION 75

- (Exam Topic 2)

You are building a Microsoft Teams application.

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
An outgoing webhook can reply to messages by using an adaptive card.	<input type="radio"/>	<input type="radio"/>
An outgoing webhook can post in Teams channels proactively.	<input type="radio"/>	<input type="radio"/>
An outgoing webhook requires a callback URL.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Once an outgoing webhook is added to a team, it acts like bot, listening in channels for messages using @mention, sending notifications to external web services, and responding with rich messages that can include cards and images.

Box 2: Yes

Webhooks are a great way for Teams to integrate with external apps. A webhook is essentially a POST request sent to a callback URL. In Teams, outgoing webhooks provide a simple way to allow users to send messages to your web service without having to go through the full process of creating bots via the Microsoft Bot Framework. Outgoing webhooks post data from Teams to any chosen service capable of accepting a JSON payload.

Box 3: Yes

Create an outgoing webhook

- > Select the appropriate team and select Manage team from the (•••) drop-down menu.
- > Choose the Apps tab from the navigation bar.
- > From the window's lower right corner select Create an outgoing webhook.
- > In the resulting popup window complete the required fields:
- > Name - The webhook title and @mention tap.
- > Callback URL - The HTTPS endpoint that accepts JSON payloads and will receive POST requests from Teams.

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/webhooks-and-connectors/how-to/add-outgoing-webhook>

NEW QUESTION 78

- (Exam Topic 2)

You have a single-page application (SPA) named TodoListSPA and a server-based web app named TodoListService. The permissions for the TodoList SPA API are configured as shown in the TodoList SPA exhibit. (Click the TodoListSPA tab.)

API/PERMISSIONS NAME	TYPE	DESCRIPTION	ADMIN CONSENT REQUIRED
▼ TodoListService-OBO-sample-v2 (1)			
user_impersonation	Delegated	Access TodoListService-OBO-sample-v2	

The permissions for the TodoListService API are configured as shown in the TodoListService exhibit. (Click the TodoListService tab.)

API/PERMISSIONS NAME	TYPE	DESCRIPTION
▼ Microsoft Graph (1)		
UserRead	Delegated	Sign in and read user profile

You need to ensure that TodoListService can access a Microsoft OneDrive file of the signed-in user. The solution must use the principle of least privilege. Which permission should to grant?

- A. the Sites.Read.All delegated permission for TodoListService
- B. the Sites.Read.All delegated permission for TodoListSpa
- C. the Sites.Read.All application permission for TodoListSPA
- D. the Sites.Read.All application permission for TodoListService

Answer: A

Explanation:

A client application gains access to a resource server by declaring permission requests. Two types are available:

"Delegated" permissions, which specify scope-based access using delegated authorization from the signed-in resource owner, are presented to the resource at run-time as "scp" claims in the client's access token.

"Application" permissions, which specify role-based access using the client application's credentials/identity, are presented to the resource at run-time as "roles" claims in the client's access token.

Reference: <https://docs.microsoft.com/en-us/azure/active-directory/develop/developer-glossary#permissions>

NEW QUESTION 83

- (Exam Topic 2)

You need to retrieve a list of the last 10 files that the current user opened from Microsoft OneDrive. The response must contain only the file ID and the file name. Which URI should you use to retrieve the results? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

<https://graph.microsoft.com/v1.0/me/drive/> ? &\$top=10

children
files
recent
root

\$expand=id,name
\$select=id,name
\$filter=id,name

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

"graph.microsoft.com" "drive" onedrive Box 1: root /root - The root folder for the drive. Box 2: \$select=id,name

To specify a different set of properties to return than the default set provided by the Graph, use the \$select query option. The \$select option allows for choosing a subset or superset of the default set returned. For example, when retrieving your messages, you might want to select that only the from and subject properties of messages are returned.

References: <https://docs.microsoft.com/en-us/onedrive/developer/rest-api/concepts/addressing-driveitems> https://developer.microsoft.com/en-us/graph/docs/overview/query_parameters

NEW QUESTION 88

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