



Microsoft

Exam Questions MS-600

Building Applications and Solutions with Microsoft 365 Core Services

NEW QUESTION 1

- (Exam Topic 1)

You need to configure the initial login request in the access token JavaScript script. Which code segment should you insert at line 01?

- A. `const scopes = ['https://graph.microsoft.com/.default'];`
- B. `const accessTokenRequest = {};`
- C. `const scopes = ['https://graph.microsoft.com/Files.Read.All', 'https://graph.microsoft.com/Mail.Send.All'];`
- D. `const accessTokenRequest = {scopes: ['https://graph.microsoft.com/Files.ReadWrite', 'https://graph.microsoft.com/Mail.Send']};`

Answer: D

Explanation:

Scenario: ADatum identifies the following technical requirements for the planned E-invoicing capabilities:

➤ Ensure that all operations performed by E-invoicing against Office 365 are initiated by a user. Require that the user authorize E-invoicing to access the Office 365 data the first time the application attempts to access Office 365 data on the user's behalf.

Reference: <https://docs.microsoft.com/en-us/graph/permissions-reference>

NEW QUESTION 2

- (Exam Topic 1)

What are two possible URIs that you can use to configure the content administration user interface? Each correct answer present a complete solution.

NOTE: Each correct selection is worth one point.



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

Answer: BC

NEW QUESTION 3

- (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-sso>

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 need to develop a server-based web app that will be registered with the Microsoft identity platform. The solution must ensure that the app can perform operations on behalf of the user?

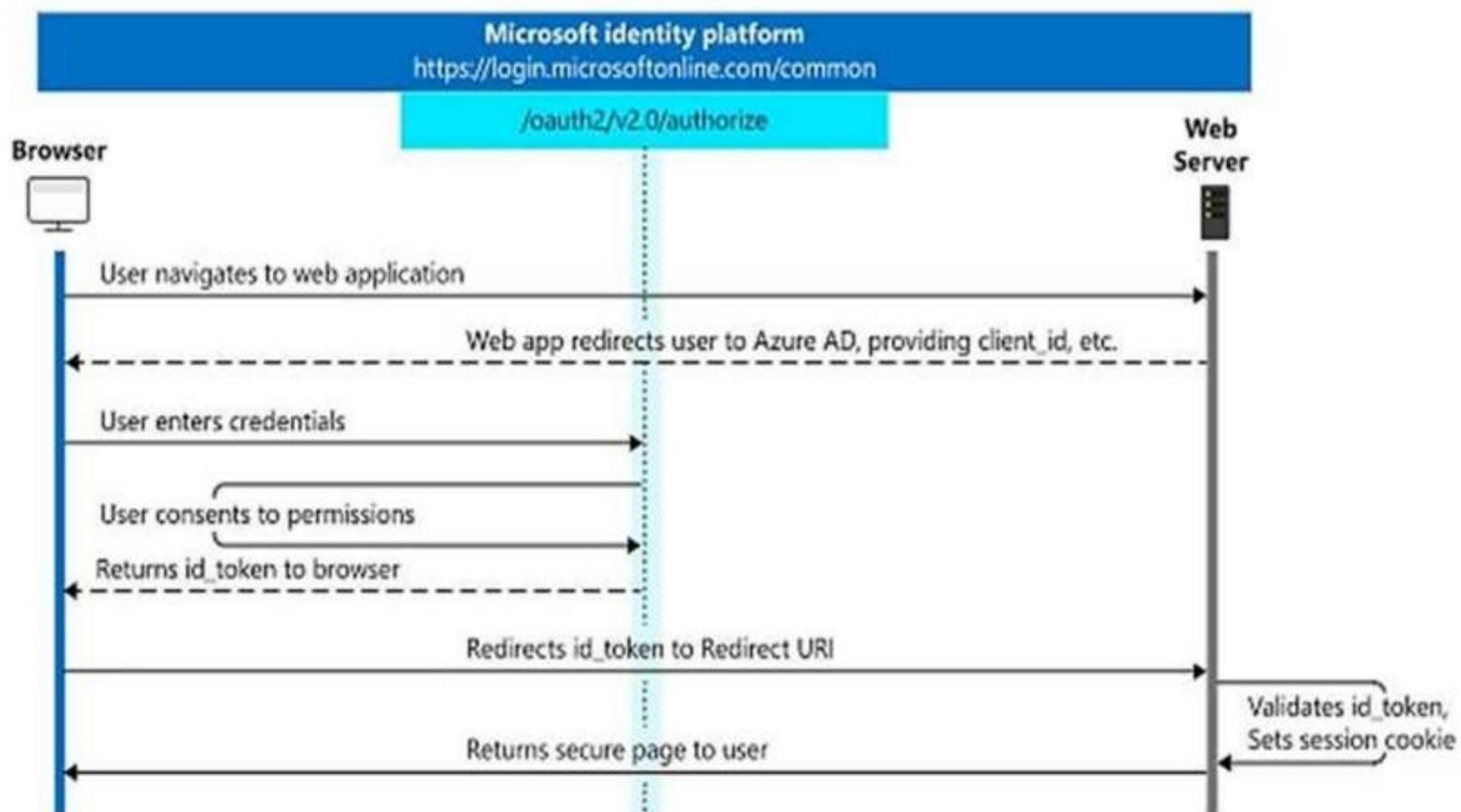
Which type of authorization flow should you use?

- A. authorization code
- B. refresh token
- C. resource owner password
- D. device code

Answer: A

Explanation:

In web server apps, the sign-in authentication flow takes these high-level steps:



You can ensure the user's identity by validating the ID token with a public signing key that is received from the Microsoft identity platform endpoint. A session cookie is set, which can be used to identify the user on subsequent page requests.

In addition to simple sign-in, a web server app might need to access another web service, such as a REST API. In this case, the web server app engages in a combined OpenID Connect and OAuth 2.0 flow, by using the OAuth 2.0 authorization code flow.

Reference: <https://docs.microsoft.com/en-us/azure/active-directory/develop/v2-app-types>

NEW QUESTION 6

- (Exam Topic 2)

You have an application that has the code shown in the exhibits. (Click the JavaScript Version tab or the C# Version tab.)

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

JavaScript Version

```
const fs = require("fs");
const execute = async (accessToken: string, filename: string): Promise<void> => {
  //...
  const stream = await client.api(`/me/drive/root/children/${filename}/content`)
    .getStream();
  let writeStream = fs.createWriteStream(`../${filename}`);
  stream.pipe(writeStream).on("error", (err) => {
    throw err;
  });
  writeStream.on("error", (err) => {
    throw err;
  });
  await new Promise((resolve) => writeStream.on("finish", resolve));
}
//...
```

C# Version

```
namespace MyProject {
  class Handler {
    public async Task Execute(string accessToken, string path) {
      var client = new GraphServiceClient(new GraphAuthProvider(accessToken));
      var pathRequestBuilder = client.Drive.Root.ItemWithPath(path);
      var file = await pathRequestBuilder.Request().GetAsync();
      if (file.File != null)
      {
        using (var content = await pathRequestBuilder.Content.Request().GetAsync())
        using (var diskFile = System.IO.File.Create(file.Name))
        {
          content.Seek(0, System.IO.SeekOrigin.Begin);
          await content.CopyToAsync(diskFile);
          await diskFile.FlushAsync();
        }
      }
    }
  }
}
```

Statements	Yes	No
The code uploads a file to a Microsoft SharePoint Online site.	<input type="radio"/>	<input type="radio"/>
The code creates a file in Microsoft OneDrive.	<input type="radio"/>	<input type="radio"/>
The code downloads a file from Microsoft OneDrive.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- Box 1: No
- Box 2: No
- Box 3: Yes

A file is downloaded from OneDrive and saved locally.

Drive/Root is the drive resource is the top level object representing a user's OneDrive or a document library in SharePoint.

Reference: <https://docs.microsoft.com/en-us/graph/api/resources/drive>

NEW QUESTION 7

- (Exam Topic 2)

You are developing a Microsoft Teams application.

Which Teams feature provides you with the ability to invoke a model popup by using the minimum amount of custom code?

- A. An adaptive card
- B. A bot
- C. A connector
- D. A task module

Answer: B

NEW QUESTION 8

- (Exam Topic 2)

You need to develop a client-side web app that will be registered with the Microsoft identity platform. Which type of authorization flow should you use?

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

Answer: A

NEW QUESTION 9

- (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
A Microsoft Office Add-in manifest must be stored in Azure Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
A Microsoft Office Add-in manifest must be in the JSON format.	<input type="radio"/>	<input type="radio"/>
A Microsoft Office Add-in manifest must contain a URI that points to the location that hosts the add-in.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

Box 2: No

The manifest is in XML format.

Box 3: Yes

SourceLocation is required and specifies the source file location(s) for your Office Add-in as a URL between 1 and 2018 characters long. The source location must be an HTTPS address, not a file path.

References: <https://docs.microsoft.com/en-us/office/dev/add-ins/develop/add-in-manifests> <https://docs.microsoft.com/en-us/office/dev/add-ins/reference/manifest/sourcelocation>

NEW QUESTION 10

- (Exam Topic 2)

You are building an application that will help Azure Active Directory (Azure AD) administrators manage Microsoft 365 groups.

You are building a details page that will display information about the groups.

You need to display the groups of which the current group is member. The results must contain the nested groups.

Which URI should you use?

- <https://graph.microsoft.com/v1.0/groups/{id}/transitiveMembers>
- <https://graph.microsoft.com/v1.0/groups/{id}/owners>
- <https://graph.microsoft.com/v1.0/groups/{id}/memberOf>
- <https://graph.microsoft.com/v1.0/groups/{id}/members>
- <https://graph.microsoft.com/v1.0/groups/{id}/transitiveMemberOf>

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

Answer: D

NEW QUESTION 10

- (Exam Topic 2)

HOTSPOT

You are developing an interactive invoicing application that will be used by end users. The application will have the following features:

- Save invoices generated by a user to the user's Microsoft OneDrive.

➤ Email daily automated reminders.

You need to identify which permissions to grant for the application features. The solution must use the principle of least privilege.

Which permission should you grant for each feature? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Save invoices	<input type="text"/> Administrator Application Delegated Super User
Send automated reminder's	<input type="text"/> Administrator Application Delegated Super User

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Microsoft identity platform supports two types of permissions: delegated permissions and application permissions.

Box 1: Delegated

➤ Delegated permissions are used by apps that have a signed-in user present. For these apps, either the user or an administrator consents to the permissions that the app requests, and the app is delegated permission to act as the signed-in user when making calls to the target resource.

Box 2: Application

➤ 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.

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

NEW QUESTION 15

- (Exam Topic 2)

You are developing a sever-based application that has the following requirements: Prompt the user to fill out a form that contains a keyword.

Search the Microsoft OneDrive folder for files that contain the keyword and return the results to the user. Allow the user to select one of the files from the results.

Copy the selected file to an Azure Blob storage container.

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

Actions

- Store the @microsoft.graph.downloadUrl property in a variable.
- Perform the following REST request.
POST /me/drive/items/{item-id}/copy
- Perform the following REST request.
GET /me/drive/root/search(q='{keyword}')
- Perform the following REST request.
GET /me/drive/items/{item-id}
- Store the webUrl property in a variable.
- Store the file in a Blob storage container.

Answer Area

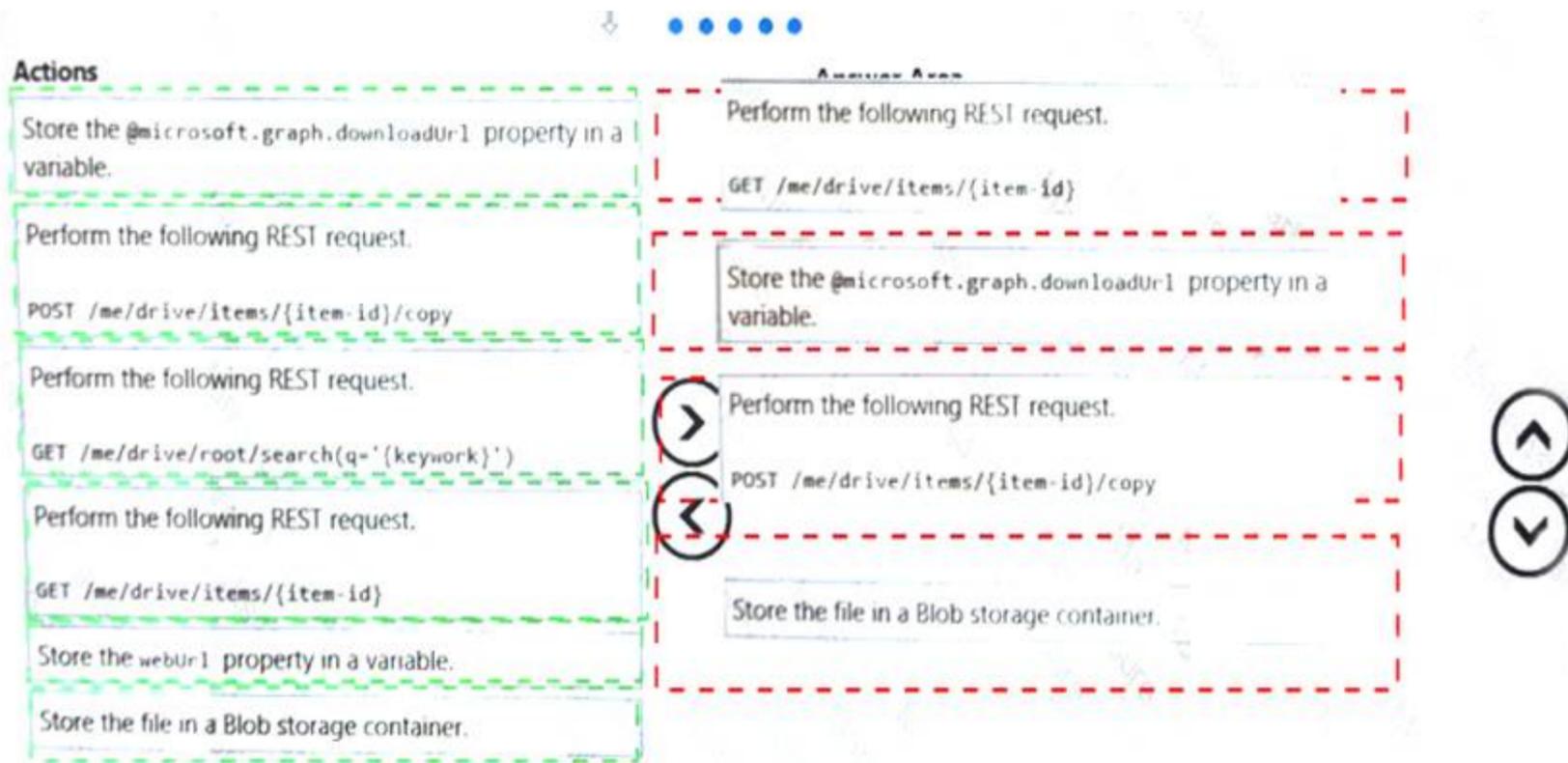
➤
➤

⬅
⬅

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 16

- (Exam Topic 2)

You use Azure Active Directory (Azure AD) to store user identities. The user profile information is inconsistently populated.

You need to develop a web app that will provide users with a page where they can enter their interests, skill, and description. When the user click the submit button, the app will use Microsoft graph to send the data to Azure AD.

Which HTTP method should you use against the Microsoft graph endpoint?

- A. PUT
- B. POST
- C. PATCH
- D. GET

Answer: A

NEW QUESTION 17

- (Exam Topic 2)

You have an application that uses the Microsoft Graph API.

You need to configure the application to retrieve the groups to which the current signed-in user belongs. The results must contain the extended priorities of the groups.

Which URI should you use?

- A. <https://graph.microsoft.com/v1.0/me/getMemberObjects>
- B. <https://graph.microsoft.com/v1.0/me/getMemberGroups>
- C. <https://graph.microsoft.com/v1.0/me/memberOf>
- D. <https://graph.microsoft.com/v1.0/me/checkMemberGroups>

Answer: B

Explanation:

Get member groups returns all the groups that the specified user, group, or directory object is a member of. This function is transitive.

Reference: <https://docs.microsoft.com/en-us/graph/api/directoryobject-getmembergroups>

NEW QUESTION 20

- (Exam Topic 2)

Which tool can you use to generate a SharePoint Framework (SPFx) solution?

- A. Eclipse
- B. App Studio
- C. Yacc
- D. Yeoman

Answer: D

Explanation:

Yeoman helps you to kickstart new projects, prescribing best practices and tools to help you stay productive. Using the Yeoman SharePoint generator, developers are able to scaffold new client-side solution projects to build, package, and deploy SharePoint solutions. The generator provides common build tools, boilerplate code, and a common playground website to host web parts for testing. Reference:

<https://docs.microsoft.com/en-us/sharepoint/dev/spfx/toolchain/scaffolding-projects-using-yeomansharepoint-ge>

NEW QUESTION 24

- (Exam Topic 2)

You have a SharePoint Framework (SPFx) web part that displays the weather. Users can set the city within the web part. Which component is invoked to provide the users with the ability to configure the settings for the web part?

- A. a custom control
- B. the property pane
- C. the Application Customizer
- D. a library component

Answer: B

NEW QUESTION 26

- (Exam Topic 2)

You are building a Microsoft teams application by using an outgoing webhook.

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

Statements	Yes	No
If you have an outgoing webhook named hook1, you can invoke the webhook by using the @hook1 mention.	<input type="radio"/>	<input type="radio"/>
An outgoing webhook must be authenticated by using Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
The security token for an outgoing webhook expires after one year.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
If you have an outgoing webhook named hook1, you can invoke the webhook by using the @hook1 mention.	<input checked="" type="radio"/>	<input type="radio"/>
An outgoing webhook must be authenticated by using Azure Active Directory (Azure AD).	<input type="radio"/>	<input checked="" type="radio"/>
The security token for an outgoing webhook expires after one year.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 28

- (Exam Topic 2)

You are building email notifications for an expensing system.

When a user receives an email notification, the email will contain a comment field. When the user submits a comment, the data will be returned to the expensing system for processing.

What should you do to implement the notification by using the minimum amount of development effort?

- A. Create a Microsoft Office Add-in that has an action pane to display the notifications
- B. Leverage Microsoft Graph notifications
- C. Leverage the Azure SignalR Service and implement web notifications
- D. Configure the expensing system to send actionable messages

Answer: D

Explanation:

Whether you are filling out a survey, approving an expense report, or updating a CRM sales opportunity, Actionable Messages enable you to take quick actions right from within Outlook. Developers can now embed actions in their emails or notifications, elevating user engagement with their services and increasing organizational productivity.

Office 365 provides two solutions to enhance productivity with Outlook Actionable Messages: actionable messages via email, and actionable messages via Office 365 Connectors.

Reference: <https://docs.microsoft.com/en-us/outlook/actionable-messages/>

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 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 33

- (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 37

- (Exam Topic 2)

You are building a new tab as part of a new Microsoft Teams application. Users will experience the tab privately.

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

NOTE: Each correct selection is worth one point.

Answer Area

Object key to declare the tab: **bots** configurableTabs connectors staticTabs

Scope of the tab: Groupchat Personal Team

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Object key to declare the tab:

Scope of the tab:

NEW QUESTION 39

- (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 41

- (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 42

- (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
A Microsoft Teams bot receives a notification when a user clicks a conversation to which the bot is deployed.	<input type="radio"/>	<input type="radio"/>
A Microsoft Teams bot receives a notification when the team membership changes for a team of which the bot is a member.	<input type="radio"/>	<input type="radio"/>
A Microsoft Teams bot receives a notification when a user likes a message of the boot.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

Box 2: Yes

Partial table lists the events that your bot can receive and take action on.

Type	Payload object	Teams eventType	Description
conversationUpdate	membersAdded	teamMemberAdded	Member added to team
conversationUpdate	membersRemoved	teamMemberRemoved	Member was removed from team

Box 3: Yes

The messageReaction event is sent when a user adds or removes his or her reaction to a message which was originally sent by your bot.
Reference: <https://docs.microsoft.com/en-us/microsoftteams/platform/resources/bot-v3/bots-notifications>

NEW QUESTION 45

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