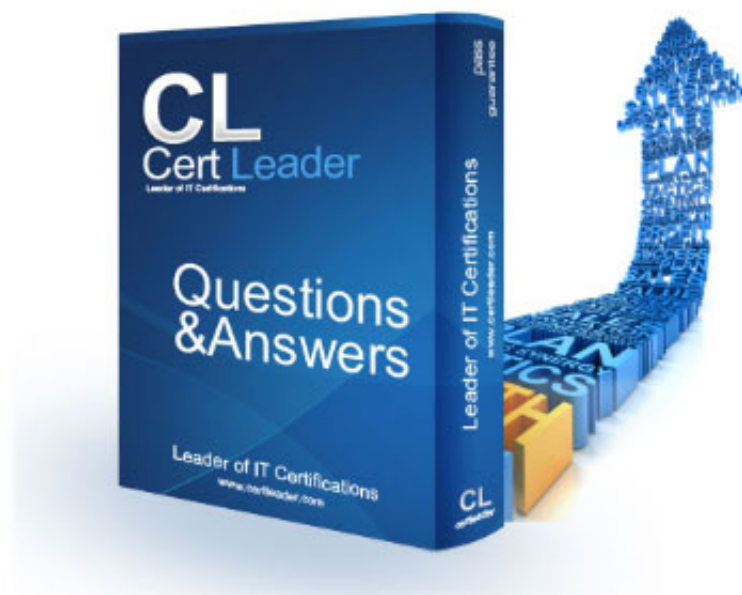


## MS-600 Dumps

# Building Applications and Solutions with Microsoft 365 Core Services

<https://www.certleader.com/MS-600-dumps.html>



**NEW QUESTION 1**

- (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://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 2**

- (Exam Topic 2)

What should you add to a SharePoint Framework (SPFx) solution to ensure that the solution can be used as a Microsoft Teams tab?

- A. the TeamsTab value to the componentType property in the manifest file
- B. a manifest file to the Teams folder in the solution
- C. the TeamsTab value to the supportedHosts property in the manifest file
- D. a manifest file to the webparts folder in the solution

**Answer:** D

**Explanation:**

You need to update the web part manifest to make it available for Microsoft Teams. Locate the manifest json file for the web part you want to make available to Teams and modify the supportedHosts properties to include "TeamsTab".

Reference:

<https://docs.microsoft.com/en-us/sharepoint/dev/spfx/web-parts/get-started/using-web-part-as-msteams-tab>

**NEW QUESTION 3**

- (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 4

- (Exam Topic 2)

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

You develop a Microsoft Teams application that uses a messaging extension. Users can invoke the messaging extension from the Teams sidebar menu.

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. from the compose box of a Teams chat
- C. by using the Manage teams option for a team
- D. by using the Add a tab option in the Teams channel

**Answer: B**

#### Explanation:

In the app manifest for your Microsoft Teams app you'll define a single messaging extension with up to ten different commands. Each command defines a type (action or search), and the locations in the client it can be invoked from (compose message area, command bar, and/or message).

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/messaging-extensions/what-are-messaging-extension>

#### NEW QUESTION 5

- (Exam Topic 2)

You need to request permission to create a group in a Sharepoint Framework (SPFx) solution. To which file should you add the permission request?

- A. Config.json
- B. Package.json
- C. Serve.json
- D. Package-solution.json

**Answer: D**

#### NEW QUESTION 6

- (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.acquireTokensSilent({
  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 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 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 9

- (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: In the code of App1, dynamically request the Calendar.Read permission from the Microsoft Graph API.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

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 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 10**

- (Exam Topic 2)

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

You can use a Command Set extension to develop a breadcrumb element that will appear on every Microsoft SharePoint page.

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. an Application Customizer
- C. a Field Customizer
- D. a web part

**Answer: B**

**Explanation:**

Application Customizers provide access to well-known locations on SharePoint pages that you can modify based on your business and functional requirements. For example, you can create dynamic header and footer experiences that render across all the pages in SharePoint Online.

Reference:

<https://docs.microsoft.com/en-us/sharepoint/dev/spfx/extensions/get-started/using-page-placeholder-with-extens>

**NEW QUESTION 10**

- (Exam Topic 2)

You have a line-of-business API that is secured by using Azure Active Directory (Azure AD). You deploy a solution to the app catalog. The solution requests permission to the API.

What should you do in the SharePoint admin center to ensure that the solution can access the API?

- A. Create a SharePoint security group and add the solution
- B. Create an access policy
- C. Enable sandbox solutions
- D. Approve a pending permission request

**Answer: D**

**Explanation:**

Developers building a SharePoint Framework solution that requires access to specific resources secured with Azure AD list these resources along with the required permission scopes in the solution manifest. When deploying the solution package to the app catalog, SharePoint creates permission requests and prompts the administrator to manage the requested permissions. For each requested permission, tenant administrators can decide whether they want to grant or deny the specific permission.

All permissions are granted to the whole tenant and not to a specific application that has requested them. When the tenant administrator grants a specific permission, it is added to the SharePoint Online Client Extensibility Azure AD application, which is provisioned by Microsoft in every Azure AD and which is used by the SharePoint Framework in the OAuth flow to provide solutions with valid access tokens.

**NEW QUESTION 11**

- (Exam Topic 2)

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

You can use App Studio for Microsoft Teams to develop all the components of a bot application.

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. configure a Teams tab in an application
- C. develop a SharePoint Framework (SPFx) web part
- D. provision a bot by using the Bot Framework

**Answer: B**

**Explanation:**

Tabs provide a place for you to display for rich interactive web content. You can define both personal and team tabs.

There can be only 1 team tab per app, but up to 16 personal tabs per app.

Reference: <https://blog.thoughtstuff.co.uk/2019/04/what-is-app-studio-in-microsoft-teams-and-why-do-i-care/>

**NEW QUESTION 12**

- (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: From the Azure portal, add the Microsoft Graph API and the Calendar.Read permission by using the API permission list of App1. Grant tenant admin consent.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**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 17**

- (Exam Topic 2)

You plan to create a Microsoft Teams application that uses action-based messaging extensions. 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
	A Teams application can have multiple action-based messaging extensions.	<input type="radio"/>	<input type="radio"/>
	Action-based messaging extensions can contain unlimited commands.	<input type="radio"/>	<input type="radio"/>
	Action-based messaging extensions can use the Bot Framework to collect information from users.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area	Statements	Yes	No
	A Teams application can have multiple action-based messaging extensions.	<input type="radio"/>	<input checked="" type="radio"/>
	Action-based messaging extensions can contain unlimited commands.	<input type="radio"/>	<input checked="" type="radio"/>
	Action-based messaging extensions can use the Bot Framework to collect information from users.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 18**

- (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 23**

- (Exam Topic 2)

You develop a web API named WebApi1.

When validating a token received from a client application, WebApi1 receives a MsalUiRequiredException exception from Azure Active Directory (Azure AD).

You need to formulate the response that WebApi1 will return to the client application. Which HTTP response should you send?

- A. HTTP 307 Temporary Redirect
- B. HTTP 400 Bad Request
- C. HTTP 403 Forbidden
- D. HTTP 412 Precondition Failed

**Answer:** D

**Explanation:**

The HyperText Transfer Protocol (HTTP) 412 Precondition Failed client error response code indicates that access to the target resource has been denied. This happens with conditional requests on methods other than GET or HEAD when the condition defined by the If-Unmodified-Since or If-None-Match headers is not fulfilled. In that case, the request, usually an upload or a modification of a resource, cannot be made and this error response is sent back.

MsalUiRequiredException

The "Ui Required" is proposed as a specialization of MsalServiceException named MsalUiRequiredException. This means you have attempted to use a non-interactive method of acquiring a token (e.g. AcquireTokenSilent), but MSAL could not do it silently. this can be because:

- you need to sign-in
- you need to consent
- you need to go through a multi-factor authentication experience.

The remediation is to call AcquireTokenInteractive try

```
{
app.AcquireTokenXXX(scopes, account) WithYYYY(...)
ExecuteAsync()
}
catch(MsalUiRequiredException ex)
{
app.AcquireTokenInteractive(scopes) WithAccount(account)
WithClaims(ex.Claims) ExcecuteAsync();
}
```

**NEW QUESTION 28**

- (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 <code>https://graph.microsoft.com/v1.0/me/photo/\$value</code> , you will get the profile picture.	<input type="radio"/>	<input type="radio"/>
If you query a URI of <code>https://graph.microsoft.com/v1.0/users/ben.smith@contoso.com/photo/\$value</code> , you will get the profile picture.	<input type="radio"/>	<input type="radio"/>
If you query a URI of <code>https://graph.microsoft.com/v1.0/users/5fa74bb7-b45b-426d-8ac7-446f090feeb5/photo/\$value</code> , 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 31**

- (Exam Topic 2)

You plan to deploy a SharePoint Framework (SPFx) solution to the tenant app catalog.

Which attribute should you configure in the package-solution.json file to ensure that the solution is available immediately to all site collections?

- A. skipFeatureDeployment
- B. zippedPackage
- C. ClientSideComponentId
- D. isDomainIsolated

**Answer: A**

**Explanation:**

You can configure your SharePoint Framework components to be immediately available across the tenant when the solution package is installed to the tenant app catalog. This can be configured by using the skipFeatureDeployment attribute in the package-solution.json file.

Reference: <https://docs.microsoft.com/en-us/sharepoint/dev/spfx/tenant-scoped-deployment>

**NEW QUESTION 32**

- (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 34**

- (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 bot.	<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 38  
.....

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