



Vendor: Microsoft

Exam Code: AB-410

Exam Name: Building Intelligent Applications

Version: DEMO

QUESTION 1

A company maintains an AI-enabled Power Platform solution that includes prompts, cloud flows, and Dataverse components. The solution is deployed to a production environment.

The company requires the following updates to the solution:

- New features must be released regularly.
- Updates must be validated before release.
- Deployed updates must be able to be removed from production if necessary.

You need to update the solution while maintaining release control and following Microsoft best practices.

What should you do?

- A. Update the development environment. Deploy the solution as managed.
- B. Update the development environment. Run solution checker.
- C. Update the development environment. Deploy the solution as unmanaged.
- D. Modify the development customizations file. Deploy to production.

Answer: A

Explanation:

Modifying the development environment and deploying the solution as managed is the correct action and aligns with Microsoft best practices.

Ability to Remove Deployed Updates: Importing a solution as managed allows you to cleanly uninstall the solution later if a rollback is necessary. Uninstalling a managed solution completely removes all its associated components (prompts, cloud flows, and Dataverse tables) from the production environment, whereas updating with unmanaged solutions results in additive-only changes that cannot be automatically deleted upon removal.

Reference:

<https://learn.microsoft.com/en-us/power-platform/alm/organize-solutions>

QUESTION 2

Drag and Drop Question

A company is designing a model-driven app for customer service representatives.

The app must:

- Organize navigation into logical groupings based on business processes.
- Ensure only required data is included in the app navigation.

You need to configure navigation and table availability.

Which actions should you perform? To answer, move the appropriate actions to the correct requirements. You may use each action once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Actions		App configuration actions						
Configure app settings.		<table><tr><th>Requirement</th><th>Action</th></tr><tr><td>Organize navigation into logical groupings.</td><td></td></tr><tr><td>Include only the required tables in the navigation.</td><td></td></tr></table>	Requirement	Action	Organize navigation into logical groupings.		Include only the required tables in the navigation.	
Requirement	Action							
Organize navigation into logical groupings.								
Include only the required tables in the navigation.								
Customize the site map.	●							
Configure app properties.	●							
Add tables to app designer.	●							

Answer:

Actions		App configuration actions						
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Configure app properties.	●							
Add tables to app designer.	●							

Explanation:

Box 1: Customize the site map

To organize navigation into logical groupings based on business processes in a model-driven app, you must configure the App's Sitemap by adding Areas, Groups, and Subareas.

Box 2: Add tables to app designer

App Designer Includes Data: Adding tables directly to the app designer makes them part of the app's underlying data model and security scope, but it does not automatically place them in the navigation menu.

Reference:

<https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/create-site-map-app>

QUESTION 3

Hotspot Question

A company deploys a model-driven app to multiple departments.

The company requires the following app functionality:

- Enable users to open the app.
- Determine why users cannot access the app.

You need to configure app access.

Which actions should you perform? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Model-driven app access configuration

Requirement	Action
Enable users to open the app.	▼ Share the app and assign appropriate security roles. Configure app visibility privileges. Configure the app to the site map. Grant table-level permissions to security roles.
Determine why users cannot access the app.	▼ Run the App access checker. Review table permissions. Reassign security roles. Run the solution checker.

Answer:

Model-driven app access configuration

Requirement	Action
Enable users to open the app.	▼ Share the app and assign appropriate security roles. Configure app visibility privileges. Configure the app to the site map. Grant table-level permissions to security roles.
Determine why users cannot access the app.	▼ Run the App access checker. Review table permissions. Reassign security roles. Run the solution checker.

Explanation:

Box 1: Share the app and assign appropriate security rules

To enable users to open a model-driven app, you must share the app with them and assign them appropriate security roles. Sharing the app grants access to the user interface, while the security roles grant the necessary Dataverse privileges to view, create, or update the underlying data.

Box 2: Run the App access checker

Running the App access checker is the correct action. It is the primary troubleshooting tool used to pinpoint why users cannot access or view a model-driven app.

The checker instantly diagnoses three core requirements:

Visibility: Whether the app has been explicitly shared with the user's security role.

Security Permissions: Whether the user possesses the required privileges (such as read privileges) on the model-driven app table.

License: Whether the user has the necessary license assigned to access and run the app.

Reference:

<https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/share-model-driven-app>

<https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/app-visibility-privileges>

QUESTION 4

Hotspot Question

You are configuring a dashboard in a model-driven app for sales managers. The dashboard displays opportunity pipeline data from the Opportunities table.

The company requires the following functionality:

- Show how each sales stage contributes to the total pipeline for each sales region.
- Ensure a newly created chart is available to users in the app.
- Use the My Open Opportunities dataset when the dashboard component loads.
- Prevent users from switching to a different chart at runtime.

You need to create and configure the chart and dashboard component.

How should you configure the requirements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Chart and dashboard configuration

Requirement

Show each sales stage as a percentage of the regional total.

Setting

	▼
Configure a pie chart.	
Configure a column chart.	
Configure a stacked column chart.	

Make the new chart available in the app.

	▼
Set the Default Chart.	
Enable Display Chart Selection.	
Select the chart for the table in the app designer.	

Use the My Open Opportunities dataset when the dashboard loads.

	▼
Set the Default View.	
Set the Default Chart.	
Enable the View Selector.	

Prevent users from switching charts.

	▼
Set the Default Chart.	
Clear Show Chart Only.	
Clear Display Chart Selection.	

Answer:

Chart and dashboard configuration

Requirement

Show each sales stage as a percentage of the regional total.

Setting

▼

Configure a pie chart.

Configure a column chart.

Configure a stacked column chart.

Make the new chart available in the app.

▼

Set the Default Chart.

Enable Display Chart Selection.

Select the chart for the table in the app designer.

Use the My Open Opportunities dataset when the dashboard loads.

▼

Set the Default View.

Set the Default Chart.

Enable the View Selector.

Prevent users from switching charts.

▼

Set the Default Chart.

Clear Show Chart Only.

Clear Display Chart Selection.

Explanation:

Box 1: Configure a stacked column chart.

To show how each sales stage contributes to the total pipeline for each sales region, you need to create a Stacked Column or Stacked Bar chart on the Opportunities table and add it to a dashboard.

Box 2: Select the chart for the table in the app designer

To ensure the newly created chart is available to sales managers in the model-driven app, you must select the chart for the table in the app designer.

In Power Apps model-driven apps, assets like tables, views, forms, and charts are not automatically included in an app just because they exist in the Dataverse environment.

The App Designer Rule: You must explicitly check the box next to your new chart under the Opportunity table components within the App Designer. If it is not selected there, users will not be able to see or interact with it inside that specific app.

The Dashboard Component: When you add a chart component to a dashboard, you also configure its properties. While "Enable Display Chart selection" allows users to toggle between different charts on the dashboard, the chart itself must still be a part of the app's included components to function correctly.

Box 3: Set the Default View

To set the "My Open Opportunities" dataset as the default view when your dashboard loads, you must configure the Default View property for the list or chart component within the dashboard designer.

Box 4: Clear display Chart selection

To meet this requirement, you must clear the "Show chart selection" checkbox in the dashboard component properties within the Power Apps app designer. This action locks the specific chart to the dashboard visual and prevents sales managers from changing it at runtime.

Reference:

<https://learn.microsoft.com/en-us/dynamics365/sales/opportunity-pipeline-view-for-admins>

<https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/set-properties-chart-list-included-dashboard>

QUESTION 5

A company builds a canvas app to display and manipulate large datasets across multiple screens.

Users report the app takes a long time to load data when opened.

You need to optimize performance when the app is started.

What are three actions you can perform? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Move data transformation logic from the source to Power Fx.
- B. Remove data retrieval calls from the App.OnStart.
- C. Enable preloading in app settings.
- D. Use the Concurrent() function for data retrieval calls.
- E. Use the ClearCollect() function to cache data.

Answer: BDE

Explanation:

To optimize the startup performance of a Canvas app handling large datasets, you must focus on reducing the initial data payload and parallelizing operations. Here are three high-impact steps you can take:

[B] Remove data retrieval calls from App.OnStart:

Heavy data loading in App.OnStart blocks the app from rendering, forcing users to stare at a loading screen. Moving these calls to the OnVisible property of the first screen allows the UI to load immediately while data fetches in the background.

[D] Enable Concurrent Data Loading

By default, Power Apps loads data sources sequentially. You can use the Concurrent function in the App.OnStart or App.StartScreen property to load multiple collections or data sources at the exact same time. This dramatically reduces initial wait times.

[E] Use the ClearCollect() function to cache data: Storing large, frequently accessed datasets locally in a collection prevents the app from making repeated, slow network calls to the data source across multiple screens.

Reference:

<https://learn.microsoft.com/en-us/power-apps/guidance/coding-guidelines/code-optimization>

QUESTION 6

A company builds a canvas app that processes images submitted by users and must classify

them using an existing AI Builder model.

The app must generate predictions during user interaction.

You need to consume the AI model natively.

What should you do?

- A. Invoke the model by using Power Fx.
- B. Replace the model with a static formula.
- C. Refine the model with additional images.
- D. Export the solution which contains the model.

Answer: A

Explanation:

To natively consume an AI Builder model and generate predictions during user interaction using Power Fx, you must use the Predict function.

Reference:

<https://learn.microsoft.com/en-us/ai-builder/use-in-powerapps-overview>

QUESTION 7

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 might 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 on the review screen.

A company integrates external systems into Power Automate by using cloud flows.

The company must connect to external services with different characteristics and determine whether a custom connector is required.

You need to evaluate if a custom connector is necessary to meet the requirements.

Solution: A cloud flow must retrieve data from SharePoint Online lists.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Correct:

* A cloud flow must integrate with an internal web service that is used across multiple flows and requires reusable actions.

This scenario requires a custom connector. Because it is a proprietary or internal service, Microsoft does not provide a pre-built native bridge. Building a Microsoft Custom Connector wraps the web service's REST/SOAP API into a reusable tool, eliminating the need to repeatedly configure HTTP headers and endpoints across separate flows.

Incorrect:

* A cloud flow must call a REST API by using a one-time HTTP action without reuse across flows. A custom connector is not necessary here. For single-use or non-reusable integrations, using a generic built-in HTTP action step is the most efficient and fastest choice.

* A cloud flow must retrieve data from Microsoft Dataverse.

Power Automate includes a native, out-of-the-box Microsoft Dataverse connector. There is no need to develop a custom connector for default Power Platform data storage.

* A cloud flow must retrieve data from SharePoint Online lists.

SharePoint Online is fully supported by native Microsoft 365 integrations. You should use the pre-built SharePoint connector instead of creating a custom wrapper.

Reference:

<https://alphavima.com/blog/power-apps-custom-connector-rest-api/>

QUESTION 8

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QUESTION 9

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You need to evaluate if a custom connector is necessary to meet the requirements.

Solution: A cloud flow must retrieve data from Microsoft Dataverse.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Correct:

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Reference:

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QUESTION 10

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The company must connect to external services with different characteristics and determine whether a custom connector is required.

You need to evaluate if a custom connector is necessary to meet the requirements.

Solution: A cloud flow must integrate with an internal web service that is used across multiple flows and requires reusable actions.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Correct:

* A cloud flow must integrate with an internal web service that is used across multiple flows and requires reusable actions.

This scenario requires a custom connector. Because it is a proprietary or internal service, Microsoft does not provide a pre-built native bridge. Building a Microsoft Custom Connector wraps the web service's REST/SOAP API into a reusable tool, eliminating the need to repeatedly configure HTTP headers and endpoints across separate flows.

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