

# Microsoft

## Exam Questions PL-400

Microsoft Power Platform Developer



**NEW QUESTION 1**

- (Topic 2)

You need to improve the efficiency of counting warehouse inventory. What should you create?

- A. a model-driven app that allows the user to key in inventory counts
- B. a Power BI dashboard that shows the inventory counting variances
- C. a flow that updates the warehouse counts as the worker performs the count
- D. a canvas app that scans barcodes to allow a warehouse worker to select inventory counts

**Answer:** D

**Explanation:**

Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

Barcode scanner control for canvas apps: Scans barcodes, QR codes, and data-matrix codes on an Android or iOS device.

Description

The control opens a native scanner on an Android or iOS device. The scanner automatically detects a barcode, a QR code, or a data-matrix code when in view.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-new-barcode-scanner>

**NEW QUESTION 2**

- (Topic 2)

You need to replace the bicycle inspection forms.

Which two solutions should you use? Each answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a flow that maps inspection data to Dynamics 365 Field Service
- B. a logic app that guides the technician through the inspection
- C. a canvas app that guides the technician through the inspection
- D. a model-driven app based on customer service entities

**Answer:** AD

**Explanation:**

Scenario: The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups. Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/field-service/overview> <https://us.hitachi-solutions.com/blog/canvas-vs-model-driven-apps/>

**NEW QUESTION 3**

DRAG DROP - (Topic 2)

You need to recommend solutions to meet the e-commerce automation requirements.

Which platform tools should you recommend? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Tools	Requirement	Tool
Power Apps		
Logic Apps	Online sales orders	<input type="text"/>
Power Automate	Customer survey	<input type="text"/>
Workflow		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Logic Apps

Scenario: Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.

For integration with Dynamics 365 Logic Apps can be used. It also supports scheduled actions.

For integration with Azure use Logic Apps, instead of Power Automate.

**NEW QUESTION 4**

- (Topic 2)

You need to reduce response time for the information email on the website. What should you create?

- A. a flow that creates a SharePoint item for each email response
- B. a flow that creates a notification in Microsoft Teams
- C. a Power Apps app that displays the number of email received in a dashboard

D. a logic app that moves all emails received to Azure Blob storage

**Answer:** B

**Explanation:**

Scenario:

Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.

Microsoft Teams is used for all collaboration. Microsoft teams support email notifications. Reference:

<https://support.microsoft.com/en-us/office/manage-notifications-in-teams-1cc31834-5fe5-412b-8edb-43fecc78413d>

**NEW QUESTION 5**

- (Topic 2)

You need to resolve CustomerB's issues with the check-in application.

Which two options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. LookUp to Filter
- B. Filter to LookUp
- C. Search to LookUp
- D. LookUp to Search

**Answer:** AD

**Explanation:**

CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.

The Filter function finds records in a table that satisfy a formula. Use Filter to find a set of records that match one or more criteria and to discard those that don't.

The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches one or more criteria.

The Search function finds records in a table that contain a string in one of their columns. Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-filter-lookup>

**NEW QUESTION 6**

- (Topic 2)

You need to reduce the number of Azure consumption API calls for User2. Which markup segment should you use?

- A)
- ```
<policies>
  <inbound>
    <base />
    <rate-limit-by-key calls="100"
      renewal-period= "30"
      increment-condition= "@(context.Response.StatusCode == 200)"
      counter-key= "@(context.Request.IpAddress)"/>
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```
- B)
- ```
<policies>
  <inbound>
    <base />
    <rate-limit calls="1000" renewal-period= "90" />
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```
- C)
- ```
<policies>
  <inbound>
    <base />
    <rate-limit-by-key calls="1"
      renewal-period= "60"
      increment-condition= "@(context.Response.StatusCode == 200)"
      counter-key="@ (context.Request.IpAddress)"/>
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```
- D)

```
<policies>
  <inbound>
    <base />
    <quota calls="100" bandwidth="400" renewal-period="30" />
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```

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

**Answer: C**

**Explanation:**

Scenario: User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.

Example:

In the following example, the rate limit of 10 calls per 60 seconds is keyed by the caller IP address. After each policy execution, the remaining calls allowed in the time period are stored in the variable remainingCallsPerIP.

```
<policies>
<inbound>
<base />
<rate-limit-by-key calls="10" renewal-period="60"
increment-condition="@ (context.Response.StatusCode == 200)"
counter-key="@ (context.Request.IpAddress)" remaining-calls-variable-name="remainingCallsPerIP"/>
</inbound>
<outbound>
<base />
</outbound>
</policies>
```

Note: The rate-limit-by-key policy prevents API usage spikes on a per key basis by limiting the call rate to a specified number per a specified time period. The key can have an arbitrary string value and is typically provided using a policy expression. Optional increment condition can be added to specify which requests should be counted towards the limit. When this call rate is exceeded, the caller receives a 429 Too Many Requests response status code. Reference:

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

**NEW QUESTION 7**

- (Topic 2)

You need to reduce response time for the information email on the website. What should you create?

- A. A flow that create a notification in Microsoft Teams
- B. A power Apps app that displays the number of emails received in a dashboard
- C. A flow that creates a SharePoint item for each email response
- D. Logic app that moves all emails received to Azure Blob storage.

**Answer: A**

**Explanation:**

Scenario:

Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days. ? Microsoft Teams is used for all collaboration.

**NEW QUESTION 8**

- (Topic 2)

You need to ensure that Adventure Works Cycles can track information from visitors to bike fairs. What should you create?

- A. a Power Automate flow that connects with the bike fair Power Apps app to create a lead in Dynamics 365 Sales
- B. a Power Automate flow that generates a new customer record in SharePoint.
- C. a Power Automate flow to capture customer data from the bike fair Power Apps app in SharePoint and create a lead in Microsoft Teams.
- D. a business process flow in Dynamics 365 Sales for capturing leads.

**Answer: A**

**Explanation:**

Scenario:

Qualified leads must be collected from local bike fairs.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

By using a Dynamics 365 connector, you can create flows that initiate when an event occurs in Dynamics 365, or some other service, which then performs an action in Dynamics 365, or some other service.

In Power Automate, you can set up automated workflows between your favorite apps and services to synchronize files, get notifications, collect data, and more. Reference:

<https://docs.microsoft.com/en-us/power-automate/connection-dynamics365>

**NEW QUESTION 9**

DRAG DROP - (Topic 1)

You need to assign security roles to groups of users.

Which security roles should you use? To answer, drag the appropriate security types to the correct roles. Each security type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Security types	Answer Area	
	Role	Security type
Environment Maker	Intern	Security type
System Administrator	Manager	Security type
Common Data Service User	Sales representative	Security type
System Customizer		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Scenario: The company identifies the following job roles:

Role	Tasks
Sales representative	These users will enter data into Dynamics 365 Customer Service.
Intern	These users will create Power Apps apps, and connectors, and create Power Automate flows.
Manager	These users will add users, assign security roles, and manage data storage.

You must grant users the minimum permissions required to perform their job tasks.

Intern: Environment Maker

Environment Maker: Can create new resources associated with an environment, including apps, connections, custom APIs, gateways, and flows using Microsoft Power Automate. However, this role doesn't have any privileges to access data within an environment.

Manager: System Administrator:

System Administrator: Has full permission to customize or administer the environment, including creating, modifying, and assigning security roles. Can view all data in the environment.

Sales representative: Common Data Service User

Basic User/ Common Data Service User: Read (self), Create (self), Write (self), Delete (self)

Can run an app within the environment and perform common tasks for the records that they own.

**NEW QUESTION 10**

DRAG DROP - (Topic 1)

You need to address the user interface issues.

What should you do? To answer, drag the appropriate actions to the correct issues. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Actions	Requirement	Action
Add <code>&amp;ribbondebug=true</code> to the end of the application URL.	Resolve rendering issue for New and Save buttons.	
Export the XML file.		
Modify the RibbonWSS.xsd file.	Add email button for registration form.	
Use Ribbon Workbench.		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Add &ribbondebug=true to the end of the application URL.

Scenario: The captions for the New and Save buttons do not render properly on the form. You can use the an in-app tool called the Command Checker to inspect the ribbon component definitions to help us determine why the button is not rendered correctly.

To enable the Command Checker, you must append a parameter &ribbondebug=true to your D365 application URL. For example:

<https://yourorgname.crm.dynamics.com/main.aspx?appid=9ab590fc-d25e-ea11-a81d-000d3ac2b3e6&ribbondebug=true>

Box 2: Use the Ribbon Workbench Adding Buttons to Ribbons

? Download and install Ribbon Workbench.

? Select a suitable ICON for your button.

? Create a solution.

? Edit the button in Ribbon Workbench.

? Publish and test.

**NEW QUESTION 10**

DRAG DROP - (Topic 1)

You need to determine how to implement rules for players who register for a soccer tournament.

Which business rule actions should you use? To answer, drag the appropriate business rule actions to the correct fields. Each business rule action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Business rule actions**

**Answer Area**

- Set visibility action to No.
- Set Lock/Unlock action to Lock
- Set Field Value action to No.
- Set Business Required action to Business Required

- Role
- Weight
- Age
- Height

**Business rule action**

- Business rule action
- Business rule action
- Business rule action

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application Description automatically generated

Scenario:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Weight: Set visibility action to No.

Age: Set Business Required action to Business required Height: Set visibility action to No.

**NEW QUESTION 13**

HOTSPOT - (Topic 2)

You need to select the visualization component.

What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Requirement	Component
Mailing list opt-in/opt-out	<ul style="list-style-type: none"> <li>Flip switch</li> <li>Linear gauge</li> <li>Radial knob</li> <li>Linear slider</li> </ul>
Number of store visits	<ul style="list-style-type: none"> <li>Linear gauge</li> <li>Flip switch</li> <li>Pen control</li> <li>Input mask</li> </ul>
Purpose of visit	<ul style="list-style-type: none"> <li>Linear gauge</li> <li>Flip switch</li> <li>Radial knob</li> <li>Option set</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

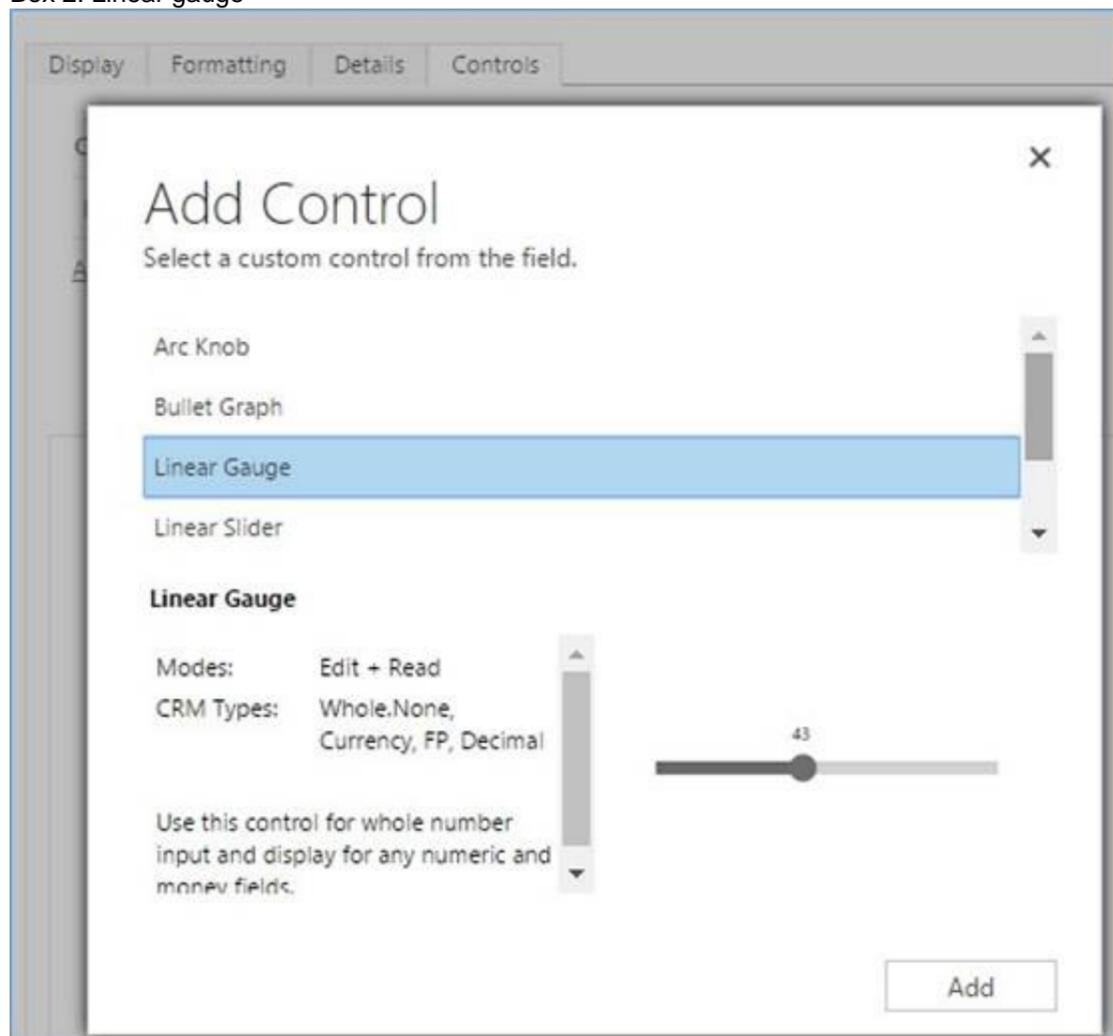
**Explanation:**

Box 1: Flip switch

The Field Type to use Flip Switch would be 'Two options'.

If you go by UI perspective, Flip switch control- Yes/No (Boolean) options would give the nice field look in the web, mobile app and Tablet. Instead of using check boxes and radio buttons, this control adds a visual effect like the On/Off switch way.

Box 2: Linear gauge



Box 3: Option Set

Option sets are the ideal choice for offering users a list of defined options for a field selection.

**NEW QUESTION 18**

- (Topic 2)

You need to improve warehouse counting efficiency. What should you create?

- A. a flow that updates the warehouse counts as the worker performs the count
- B. a model-driven app that allows the user to key in inventory counts
- C. A Power BI dashboard that shows the inventory counting variances
- D. a canvas app that scans barcodes to allow a warehouse worker to select inventory counts

**Answer:** D

**Explanation:**

Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

**NEW QUESTION 23**

- (Topic 3)

You need to create an application to deploy to other pharmacies. What should you do?

- A. Recreate customizations in a new environment.
- B. Create a customer connector to connect the pharmacies' systems to the company's systems.
- C. Export the solution as a managed solution.
- D. Write a Web API to move customizations.

**Answer:** C

**Explanation:**

When you export a managed solution, it contains all the changes that have been applied for that solution into a file that you can then import into a different Dataverse environment.

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/introduction-solutions>

**NEW QUESTION 28**

- (Topic 3)

You need to create the model-driven app for referral. Which function should you add?

- A. Flow
- B. Workflow
- C. Business rule
- D. Chart
- E. Subgrid

**Answer:** C

**Explanation:**

Scenario: When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

**NEW QUESTION 32**

- (Topic 3)

You need to create an application to deploy to other pharmacies. What should you do?

- A. Navigate to Customize the System and export everything to a managed solution.
- B. Recreate customizations in a new environment.
- C. Export the solution as a managed solution.
- D. Write a Web API to move customizations.

**Answer:** A

**NEW QUESTION 37**

- (Topic 3)

You need to ensure that users can create the required charts.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a quick view form to show the Accounts entity.
- B. Configure filter fields in the Annual revenue field.
- C. Add the Facility field to the account form.
- D. Delete the Annual revenue field from the account form.
- E. Create a view with annual revenue sorted lowest value to highest value.

**Answer:** BC

**Explanation:**

Pharmacy orders must be displayed in four graphs as follows:

- ? Annual revenue over \$100,000
- ? Annual revenues under \$100,000
- ? Research facilities
- ? Hospitals

The graphs must be interactive, and users must be able to drill down on any dimension.

**NEW QUESTION 40**

DRAG DROP - (Topic 3)

You need to assign the minimum environmental security role to the appropriate users.

Which security roles should you use? To answer, drag the appropriate security roles to the correct users. Each security role may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Security roles	Answer Area	
System Administrator	User	Security role
System Customizer	UserA	Security role
Common Data Service User	UserB	Security role
Environment Maker	User C	Security role
	All employees	Security role

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Environment Maker

UserA must be able to create and publish Power Apps apps.

The Environment Maker role can create resources within an environment including apps, connections, custom connectors, gateways, and flows using Power Automate.

Box 2: System Administrator

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

The System Administrator has full permission to customize the system. Can view all data in the system.

Box 3: System Customizer

UserC must be able to create apps connected to the systems and update the security roles and entities.

The System Customizer has full permission to customize the system. Can only view rows for system tables that they create.

The difference between the System Administrator and System Customizer security roles is that a system administrator has read privileges on most rows in the system and can see everything. Assign the System Customizer role to someone who needs to perform customization tasks but shouldn't see any data in the system tables.

Box 4: Common Data Service User

To stay consistent with our product rebranding effort, the security role Common Data Service User is being changed to Basic User.

The Basic User security role primarily contains Basic privileges for core entities where the user can write, update, and delete records that they created or owned.

**NEW QUESTION 42**

HOTSPOT - (Topic 3)

You need to synchronize pharmacy names and ensure that Dynamics 365 Sales data propagates correctly to the Cerner system.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Action
Synchronize pharmacy names.	<ul style="list-style-type: none"> <li>Use a Data integration template in Power Apps.</li> <li>Create a workflow in Dynamics 365 Sales.</li> <li>Export data from Dynamics 365 Sales to Microsoft Excel.</li> <li>Create a data policy in Dynamics 365 Sales.</li> </ul>
Propagate data to the Cerner system.	<ul style="list-style-type: none"> <li>Manually enter data.</li> <li>Create a workflow in Dynamics 365 Sales.</li> <li>Export data from Dynamics 365 Sales to Microsoft Excel.</li> <li>Create a custom connector in Power Apps.</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Use a Data Integration template in Power Apps.

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Note: The Data Integrator (for Admins) is a point-to-point integration service used to integrate data into Dataverse. It supports integrating data between Finance and Operations apps and Dataverse. It also supports integrating data into Finance and Operations apps and Dynamics 365 Sales.

The Data Integrator (for Admins) consists of the Data Integration platform, out-of-the-box templates provided by our application teams (for example, Finance and Operations apps and Dynamics 365 Sales) and custom templates created by our customers and partners.

Box 2: Create a workflow in Dynamics 365 Sales.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

Note: Start When: Use the options in this section to specify when a workflow should start automatically. You can configure a real-time workflow to be run before certain events. This is a very powerful capability because the workflow can stop the action before it occurs. The options are:

- ? Record is created
- ? Record status changes
- ? Record is assigned
- ? Record fields change
- ? Record is deleted

**NEW QUESTION 44**

- (Topic 3)

You need to create the model driven app for accounts designated as referrals. What should you add to the app?

- A. Workflow
- B. Subgrid
- C. Business rule
- D. Flow
- E. Chart

**Answer: E**

**Explanation:**

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

Note: By combining conditions and actions, you can do any of the following with business rules:

- ? Set column values
- ? Clear column values
- ? Set column requirement levels
- ? Show or hide columns
- ? Enable or disable columns
- ? Validate data and show error messages
- ? Create business recommendations based on business intelligence.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-create-business-rule>

**NEW QUESTION 46**

DRAG DROP - (Topic 3)

You need to select a process to create each function.

Which process should you use? To answer, drag the appropriate processes to the correct

functions. Each process may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Processes	Answer Area	
	Function	Process
Microsoft Flow	Create a Slack notification from a lead.	process
Workflow	Change the priority field.	process
Business process flow	Ensure appropriate information is added to leads.	process

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Microsoft flow

Using Microsoft Flow, you can automatically post to Slack when an event happens in Dynamics 365, enabling similar functionality that is available with the Microsoft Yammer integration with third-party collaboration tools.

Box 2: Workflow

Box 3: Business process flow

A business process flow is composed of Stages, and within each stage there are Steps to complete which are fields. In the business process flow heading, a user can see which stage they are at in the process, and which steps they need to complete before they proceed in the process.

Business process flows enable you to require users to complete certain steps before completing the process and if needed you can also allow users to jump stages.

**NEW QUESTION 51**

- (Topic 4)

You need to prevent the field used by the PCF control from updating the record.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Disable existing event handlers on the field.
- B. Call the setSubmitMode('never') function on the field.
- C. Create a business rule to clear the field value.
- D. Make the field read-only.

**Answer:** BD

**NEW QUESTION 52**

HOTSPOT - (Topic 4)

You need to implement ribbon display rules to control availability for the scoring command button. Which rule types should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Condition	Rule type
Configure button visibility for recruiters.	<div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #e0e0e0; padding: 2px;">CustomRule</div> <div style="background-color: #0070c0; color: white; padding: 2px;">CustomRule</div> <div style="padding: 2px;">EntityPrivilegeRule</div> <div style="padding: 2px;">EntityPropertyRule</div> </div>
Configure visibility for the button based on the mode for the form.	<div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #e0e0e0; padding: 2px;">FormStateRule</div> <div style="padding: 2px;">FormTypeRule</div> <div style="background-color: #0070c0; color: white; padding: 2px;">FormStateRule</div> <div style="padding: 2px;">FormEntityContextRule</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Condition	Rule type
Configure button visibility for recruiters.	<div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #e0e0e0; padding: 2px;">CustomRule</div> <div style="background-color: #0070c0; color: white; padding: 2px;">CustomRule</div> <div style="padding: 2px;">EntityPrivilegeRule</div> <div style="padding: 2px;">EntityPropertyRule</div> </div>
Configure visibility for the button based on the mode for the form.	<div style="border: 1px solid gray; padding: 2px;"> <div style="background-color: #e0e0e0; padding: 2px;">FormStateRule</div> <div style="padding: 2px;">FormTypeRule</div> <div style="background-color: #0070c0; color: white; padding: 2px;">FormStateRule</div> <div style="padding: 2px;">FormEntityContextRule</div> </div>

**NEW QUESTION 57**

- (Topic 5)

You need to ensure data returned from the Web API corresponds to the correct environment. What should you use?

- A. system settings
- B. plug-in secure configurations
- C. records in a new configuration table
- D. environment variables

**Answer:** D

**NEW QUESTION 58**

- (Topic 5)

You need to determine which component to add to the solution to resolve the account records import error. Which component should you add?

- A. connection
- B. service endpoint
- C. custom connector
- D. Account table

Answer: B

**NEW QUESTION 62**

DRAG DROP - (Topic 5)

You need to configure the custom connector to incorporate the environment name and DataId in the Web API URL

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Set the operation to dataservice.	
Create a policy template that uses the Route request template.	
Create a policy template that uses the Set host URL template.	
Set the operation to enrich.	
Set the subdomain of the URL template to: dataservice-@connectionParameters('EnvironmentName')	
Set the path of the URL template path to: enrich/@queryParameters('DataId')	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Actions	Answer Area
Set the operation to dataservice.	
Create a policy template that uses the Route request template.	
Create a policy template that uses the Set host URL template.	Create a policy template that uses the Set host URL template.
Set the operation to enrich.	Set the operation to enrich.
Set the subdomain of the URL template to: dataservice-@connectionParameters('EnvironmentName')	Set the subdomain of the URL template to: dataservice-@connectionParameters('EnvironmentName')
Set the path of the URL template path to: enrich/@queryParameters('DataId')	Set the path of the URL template path to: enrich/@queryParameters('DataId')

**NEW QUESTION 63**

- (Topic 5)

You need to choose a technology to access the Web API. Which technology should you select?

- A. Canvas app that uses the custom connector
- B. Plug-in that contacts the Web API
- C. Power Automate flow that uses the custom connector
- D. Webhook that contacts the Web API

Answer: C

**NEW QUESTION 64**

DRAG DROP - (Topic 5)

You need to implement a reusable solution to encapsulate the parameterized Dataverse queries.

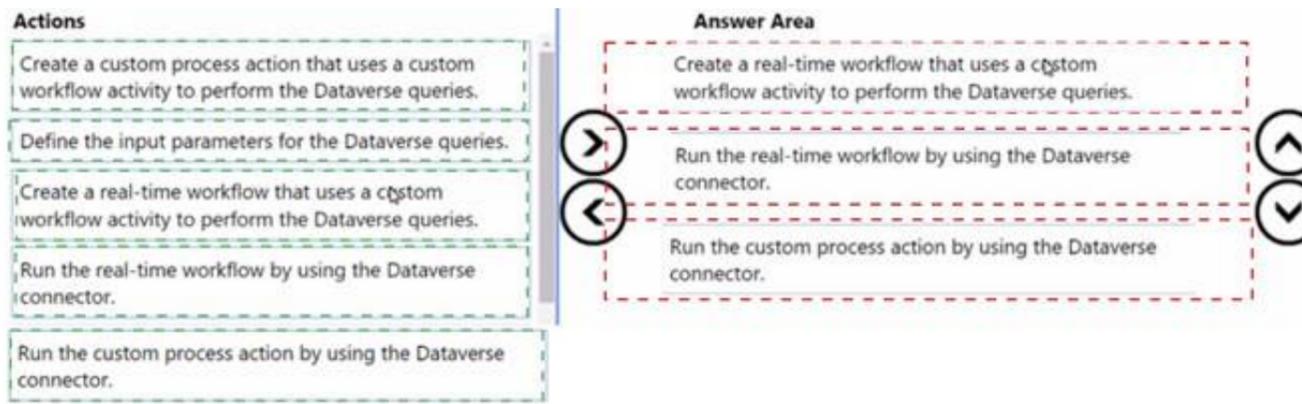
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a custom process action that uses a custom workflow activity to perform the Dataverse queries.	
Define the input parameters for the Dataverse queries.	
Create a real-time workflow that uses a custom workflow activity to perform the Dataverse queries.	
Run the real-time workflow by using the Dataverse connector.	
Run the custom process action by using the Dataverse connector.	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**



**NEW QUESTION 68**

HOTSPOT - (Topic 5)

You need to configure a Dataverse trigger and action in a Power Automate flow so researchers can update account records with data from the Web API even if they do not have edit privileges on the record.

What should you configure for each trigger and action requirement? To answer select the appropriate options in the answer area. NOTE: Each correct selection is worth one point

**Answer Area**

**Requirement**

When a row is added, modified, or deleted trigger with Change Type.

Update a row connection type.

**Configuration**

Added or Modified  
 Added  
 Modified  
**Added or Modified**

Service principal  
 API key  
 User account  
**Service principal**

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

**Requirement**

When a row is added, modified, or deleted trigger with Change Type.

Update a row connection type.

**Configuration**

Added or Modified  
 Added  
 Modified  
**Added or Modified**

Service principal  
 API key  
 User account  
**Service principal**

**NEW QUESTION 72**

- (Topic 6)

A manufacturing company uses a Common Data Service (CDS) environment to manage their parts inventory across two warehouses modeled as business units and named WH1 and WH2.

Data from the two warehouses is processed separately for each part that has its inventory quantities updates.

The company must automate this process, pushing inventory updates from orders submitted to the warehouses.

You need to build the automation using Power Automate flows against the CDS database. You must achieve this goal by using the least amount of administrative effort.

Which flow or flows should you recommend?

- A. Two automated flows with scope Business Unit, with triggers on Create/Update/Delete on orders.
- B. Two automated flows with scope Business Unit, with triggers on Create/Update/Delete and each flow filtering updates from each business unit.
- C. Two scheduled flows, each querying and updating the parts included in orders from each business unit.
- D. One scheduled flow, querying the parts included in orders in both business units.
- E. One automated flow, querying the orders in both business units.
- F. Two scheduled flows, each querying the orders from each business unit.
- G. Two automated flows with scope Organization, with triggers on Create/Update/Delete and filters on WH1 and WH2.
- H. Two automated flow with scope Business Unit, with triggers on Create/Update/Delete on orders and filters on WH1 and WH2.

**Answer: H**

**Explanation:**

With the Common Data Service connector, you can create Power Automate flows that are initiated by create and update events within Dataverse. Additionally, you can perform create, update, retrieve, and delete actions on records within Dataverse.

You can use scopes to determine if your flow runs if you create a new record, if a new record is created by a user within your business unit, or if a new record is created by any user in your organization.

Reference:

<https://docs.microsoft.com/en-us/power-automate/connection-cds>

**NEW QUESTION 76**

- (Topic 6)

A company has a model-driven app form. Many users use the form. Users state that the form takes too long to fully load.

You need to evaluate the form design to improve loading performance.

Which three control types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. timeline
- B. quick view form
- C. iFrame
- D. lookup
- E. subgrid

**Answer:** ABD

**NEW QUESTION 77**

DRAG DROP - (Topic 6)

The engineering team in a company uses a SharePoint list to manage critical technical issues that are raised by clients. Other departments do not have access to this list. Departments use their own apps for their own processes.

All departments must be able to see the total number of client issues at any point in time. You need to design a component that can be used in all the departmental apps to display

the total number of client issues in bold colors.

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

Actions	Answer area
Create a connection to the engineering issues list and retrieve the total number of critical issues.	<div style="text-align: center;"> <span style="font-size: 2em;">&gt;</span>  <span style="font-size: 2em;">&lt;</span> </div>
Create an output parameter and set the value of the parameter to the total number of critical issues.	
Create and format a label to display the total number of critical issues.	
Import the counter component in the other apps from the first department app.	
Display the counter output parameter in the department app.	
Create a new component in the department app.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

To design a component that can be used in all the departmental apps to display the total number of client issues in bold colors, you should perform the following four actions in sequence:

- ? Create a connection to the engineering issues list and retrieve the total number of critical issues.
- ? Create an output parameter and set the value of the parameter to the total number of critical issues.
- ? Create a new component in the first department app.
- ? Create and format a label to display the total number of critical issues, and display the counter output parameter in the department app.

**NEW QUESTION 78**

- (Topic 6)

You are creating an integration that uses an Azure function to create records in the Common Data Service when leads are submitted from your company website. You create and configure a Common Data Service application user.

You do not have administrator access to the Common Data Service environment you are using for access to Azure Active Directory. Company policy dictates that service accounts must be used for integrations, and integrations must not be granted privileges beyond what is needed.

You need to recommend actions that an administrator should perform to configure access for the Azure Function.

Which three actions should you perform? Each correct selection presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create an application registration in Azure Active Directory.
- B. Assign the system administrator security role to the application user.
- C. Assign the Power Platform administrator role to the application user in Azure Active Directory.
- D. Create a new security role with the minimum required permissions and assign to the application user.
- E. Grant the application delegated permissions to the Dynamics CRM API in Azure Active Directory.
- F. Deploy Azure B2B guest permissions to the application user.

**Answer:** ADE

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/walkthrough-register-app-azureactive-directory>

**NEW QUESTION 83**

- (Topic 6)

A company has two development instances, two test instances, two staging instances, and one production instance.

The test team reports connection issues with the test and staging instances.

You need to identify which of the instances the testing team currently has access. Which two URLs can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. <https://globaldisco.crm.dynamics.com/api/discovery/v9.1/instances>
- B. <https://myorg.api.crm.dynamics.com/api/data/v9.1/>
- C. <https://dev.crm.dynamics.com/api/discovery/v9.1/instances>
- D. <https://disco.crm.dynamics.com/api/discovery/v9.1/>
- E. [https://dev.crm.dynamics.com/api/discovery/v9.1/instances\(UniqueName='myorg'\)](https://dev.crm.dynamics.com/api/discovery/v9.1/instances(UniqueName='myorg'))

**Answer: CE**

**Explanation:**

Organization information is stored in the Instance entity of the Discovery service. To see the kind of information contained in that entity, send an HTTP GET request to the service for one of your instances.

GET [https://dev.{servername}/api/discovery/v9.0/Instances\(UniqueName='myorg'\)](https://dev.{servername}/api/discovery/v9.0/Instances(UniqueName='myorg')) Example: Get the details of a specific instance. If you leave out the GUID, all instances that the authenticated user has access to are returned.

GET [https://dev.{servername}/api/discovery/v9.0/Instances\(<guid>"\)](https://dev.{servername}/api/discovery/v9.0/Instances(<guid>) Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/webapi/discoverurl-organization-web-api>

**NEW QUESTION 87**

DRAG DROP - (Topic 6)

You are creating a Power Apps connector between Dynamics 365 Sales and Slack

You must generate a Slack notification whenever a new product is added to Dynamics 365 Sales. You must not be required to sign in directly into Dynamics 365 Sales to generate notifications. You created a Power Apps connector between Dynamics 365 Sales in Slack to enable this to happen.

You need to configure the appropriate security for each scenario? Which security components should you configure?

NOTE: Each correct selection is worth one point.

Components	Requirement	Component
OAuth	Ensure Dynamics 365 security is in place.	
Security roles	Capture application usage from public site.	
API key	Configure a website login that does not need encryption.	
Basic authentication		

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Components	Requirement	Component
OAuth	Ensure Dynamics 365 security is in place.	Security roles
Security roles	Capture application usage from public site.	OAuth
API key	Configure a website login that does not need encryption.	Basic authentication
Basic authentication		

**NEW QUESTION 90**

- (Topic 6)

You are developing an app that uses Common Data Service.

You must integrate Common Data Service with a new web application. You must allow the new web application to display data from Common Data Service.

You build a single-page web application using the Web API. You need to authenticate your app using OAuth.

What should you use?

- A. Windows Communication Foundation (WCF)
- B. Cross-Origin Resource Sharing (CORS)
- C. Microsoft Authentication Library (MSAL)
- D. Kerberos authentication
- E. Active Directory Authentication Library (ADAL)

**Answer: C**

**Explanation:**

OAuth requires an identity provider for authentication. For Dataverse, the identity provider is Azure Active Directory (AAD). To authenticate with AAD using a Microsoft work or school account, use the Azure Active Directory Authentication Libraries (ADAL) or Microsoft Authentication Library (MSAL).

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/authenticate-oauth>

**NEW QUESTION 91**

- (Topic 6)

A bank uses a Common Data Service solution to manage clients. Bank representatives perform client credit checks while the client is present. Credit checks may take up to five minutes to complete. Bank policy dictates that the bank representative's app must stay blocked until credit checks are complete. You need to display a model-driven app while credit checks run to ask the bank representative and client to wait for the credit check to complete. Which function should you use?

- A. Xrm.Navigation.openWebResource("prefix.myPoliteMessage.html")
- B. Xrm.Navigation.openAlertDialog(myPoliteMessage)
- C. Xrm.Utility.openWebResource("prefix\_myPoliteMessage.html")
- D. Xrm.Utility.showProgressIndicator(myPoliteMessage)

**Answer: D**

**Explanation:**

showProgressIndicator displays a progress dialog with the specified message. Any subsequent call to this method will update the displayed message in the existing progress dialog with the message specified in the latest method call. The progress dialog blocks the UI until it is closed using the closeProgressIndicator method. So, you must use this method with caution.  
 Reference:  
<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-utility/showprogressindicator>

**NEW QUESTION 94**

HOTSPOT - (Topic 6)

An organization uses Common Data Service. The organization's IT helpdesk requires a single-page web application to monitor and manage Data Export Service. The app must access Data Export Service securely. The app must also permit helpdesk users to perform a limited set of functions. You need to create a single-page app. Which options should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Requirement	Option
Connect to the app securely	<input type="checkbox"/> Use the Common Data Service user security role <input type="checkbox"/> Use the sign-in credentials for Azure SQL Server <input type="checkbox"/> Use the Environment Maker security role <input type="checkbox"/> Register the app in Azure Active Directory
Monitor the status of data replication	<input type="checkbox"/> Use FetchXML queries <input type="checkbox"/> Use Profile operations <input type="checkbox"/> Use Metadata operations <input type="checkbox"/> Use T-SQL queries
Enable an entity for replication	<input type="checkbox"/> Define an alternate key <input type="checkbox"/> Enable Auditing <input type="checkbox"/> Enable Change Tracking <input type="checkbox"/> Set the data provider
Start or stop data replication	<input type="checkbox"/> /crm/exporter/metadata/entities <input type="checkbox"/> /crm/exporter/profiles/validate <input type="checkbox"/> /crm/exporter/profiles/{id}/test <input type="checkbox"/> /crm/exporter/profiles/{id}/activatedata
View information on records that fail to sync	<input type="checkbox"/> Use Azure Storage Explorer <input type="checkbox"/> Use FetchXML queries <input type="checkbox"/> Use Profile operations <input type="checkbox"/> Use T-SQL queries

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Register the app in Azure Active Directory  
 Box 2: Use FetchXML queries  
 The failure entries can be retrieved through the Get the failure details for a given Profile request. The response returns a URI to an Azure blob that contains the failure information. Each line has the following comma-separated fields (newlines added for clarity):  
 Entity: <entity-name>, RecordId: <"N/A" | guid>, NotificationTime: <datetime>, ChangeType: <sync-type>, FailureReason: <description>  
 Note: FetchXML is a proprietary XML based query language of Microsoft Dataverse used to query data using either the Web API or the Organization service. It's based on a schema that describes the capabilities of the language. The FetchXML language supports similar query capabilities as query expressions.

**NEW QUESTION 99**

DRAG DROP - (Topic 6)

A company is configuring Microsoft Power Virtual Agents and Power Automate flows that use model-driven apps. The company has a website that uses Power Pages. You create Power Virtual Agents bot topics. You must configure the following:

- Use a bot on the website.

- Create Bot Framework skills.
- Create a support request from the bot without human interaction. You need to configure the website. Which applications should you configure?

To answer, drag the appropriate applications to the correct requirements. Each application may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**NEW QUESTION 100**

- (Topic 6)

A company uses Common Data Service rollup fields to calculate insurance exposure and risk profiles for customers. Users report that the system does not update values for the rollup fields when new insurance policies are written. You need to recalculate the value of the rollup fields immediately after a policy is created. What should you do?

- A. Create new fields on the customer entity for insurance exposure and risk
- B. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.
- C. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.
- D. Create a business rule that forces the refresh of the rollup field when the customer record is updated.
- E. Create new fields on the customer entity for insurance exposure and risk
- F. Write a plug-in that is triggered whenever a new policy record is created

**Answer: D**

**NEW QUESTION 102**

HOTSPOT - (Topic 6)

You have a plug-in that performs business logic on contact records. The plug-in is registered in the post-operation stage and is executed when a field named custom\_field3 is updated.

The plug-in contains the following code:

```
var cols = new ColumnSet("lastname", "custom_field1");
var contact = service.Retrieve("contact", ctx.PrimaryEntityId, cols);
var updatedValue = contact.GetAttributeValue<string>("lastname");
updatedValue += contact.GetAttributeValue<string>("custom_field1");
contact["custom_field2"] = updatedValue;
service.Update(contact);
```

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 improve code performance by using the following code instead of retrieving individual fields: <code>new ColumnSet(true)</code>	<input type="radio"/>	<input type="radio"/>
You can avoid retrieving the changed entity by using plug-in images.	<input type="radio"/>	<input type="radio"/>
You can avoid updating the changed entity by registering the plug-in in the pre-operation stage.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

Statements	Yes	No
You can improve code performance by using the following code instead of retrieving individual fields: <code>new ColumnSet(true)</code>	<input type="radio"/>	<input checked="" type="radio"/>
You can avoid retrieving the changed entity by using plug-in images.	<input checked="" type="radio"/>	<input type="radio"/>
You can avoid updating the changed entity by registering the plug-in in the pre-operation stage.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 104**

- (Topic 6)

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 in the review screen.

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Include the message in the output parameters of the plug-in. Does the solution meet the goal?

A. Yes

B. No

**Answer: B**

**NEW QUESTION 109**

HOTSPOT - (Topic 6)

You are synchronizing company data from a SQL Server-based .NET application into a Common Data Service (CDS) environment.

The data is entered in both the SQL Server and CDS systems. You have a program that includes the following code:

```
var account = new Entity("account", "accountnumber", "CO-555");
account["name"] = "Contoso";
account["creditlimit"] = new Money(100000);
var request = new UpsertRequest() { Target = account };
var response = (UpsertResponse)_serviceProxy.Execute(request);
```

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

NOTE: Each correct selection is worth one point.

	Yes	No
Creating a new field to store the record identifier from the database resolves the error: The specified key attributes are not a defined key for the account entity.	<input type="radio"/>	<input type="radio"/>
Creating an alternate key that uses the accountnumber field resolves the error: The specified key attributes are not a defined key for the account entity.	<input type="radio"/>	<input type="radio"/>
If an account exists with only the account name entered as Contoso and all other fields empty, a new account record is created.	<input type="radio"/>	<input type="radio"/>
If an account exists that uses the account number CO-555, a new account record is created.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: No.

An alternate key is needed, not a new field for the record identifier.

Box 2: Yes

The specified key attributes are not a defined key for the account entity.

Name: EntityKeyNotDefined

Message: The specified key attributes are not a defined key for the {0} entity

Box 3: Yes

One way to create an entity is by using the UpsertRequest class. An upsert will create a new entity when there is no existing record that has the unique identifiers included in the entity passed with the request.

Box 4: No

**NEW QUESTION 112**

HOTSPOT - (Topic 6)

A company delivers packages to businesses and consumers. A custom entity named Package captures the package details.

You need to add the following sets of fields to the entity and leverage the built-in operations of the platform:

? A set of fields to represent the package length, width, depth, and weight. The maximum value for any dimension is 100 centimeters.  
 ? A set of fields for time-sensitive attributes to calculate the efficiency of a delivery based on when the delivery is entered in the system and the existing custom fields: Pickup time and Delivery time. Which constructs should you use? To answer, select the appropriate options in the answer area.  
 NOTE: Each correct selection is worth one point.

**Requirement**

**Construct**

Calculate the efficiency of the delivery.

DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)
----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Select the data type for delivery that has additional transformations applied before the data is displayed.

Autonumber Phone number Customer Currency Duration
----------------------------------------------------------------

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: DIFFINMINUTES(Created on, Delivery Time)  
 DIFFINMINUTES (date and time, date and time) returns the difference in minutes between two Date and Time columns.  
 Box 2: Duration

**NEW QUESTION 116**

- (Topic 6)

A multinational company requires that all phone numbers be standardized as country code + area code + phone number.

The application design team decides that a custom PowerApps component framework (PCF) control should be used to prompt users for an area code and correctly format the phone number.

You need to get the list of valid area codes when a contact record is opened and before the user enters a new phone number.

In which function should you call `webAPI.retrieveMultipleRecords`?

- A. `notifyOutputChanged`
- B. `init`
- C. `getOutputs`
- D. `updateView`

**Answer:** D

**Explanation:**

The `updateView` method will be called when any value in the property bag has changed. This includes field values, data-sets, global values such as container height and width, offline status, component metadata values such as label, visible, etc.

Set the value of the field component to the raw value from the configured field. Note: `webAPI.retrieveMultipleRecords` retrieves a collection of entity records.

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/component-framework/reference/control/updateview>

**NEW QUESTION 121**

DRAG DROP - (Topic 6)

You are creating a flow using the Common Data Service (CDS) connector. You need to select the appropriate triggers.

Which triggers should you use? To answer, drag the appropriate triggers to the correct scenarios. Each trigger may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Triggers**

Record creation
Record selection
Record deletion
Record update

**Answer Area**

Scenario	Trigger
Choose accounts that are in the USA and send those account contacts an email.	Trigger
Contacts that have not been modified in 60 days should no longer be in the system.	Trigger
An area code has been mistyped in all records.	Trigger

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Triggers

- Record creation
- Record selection
- Record deletion
- Record update

Answer Area

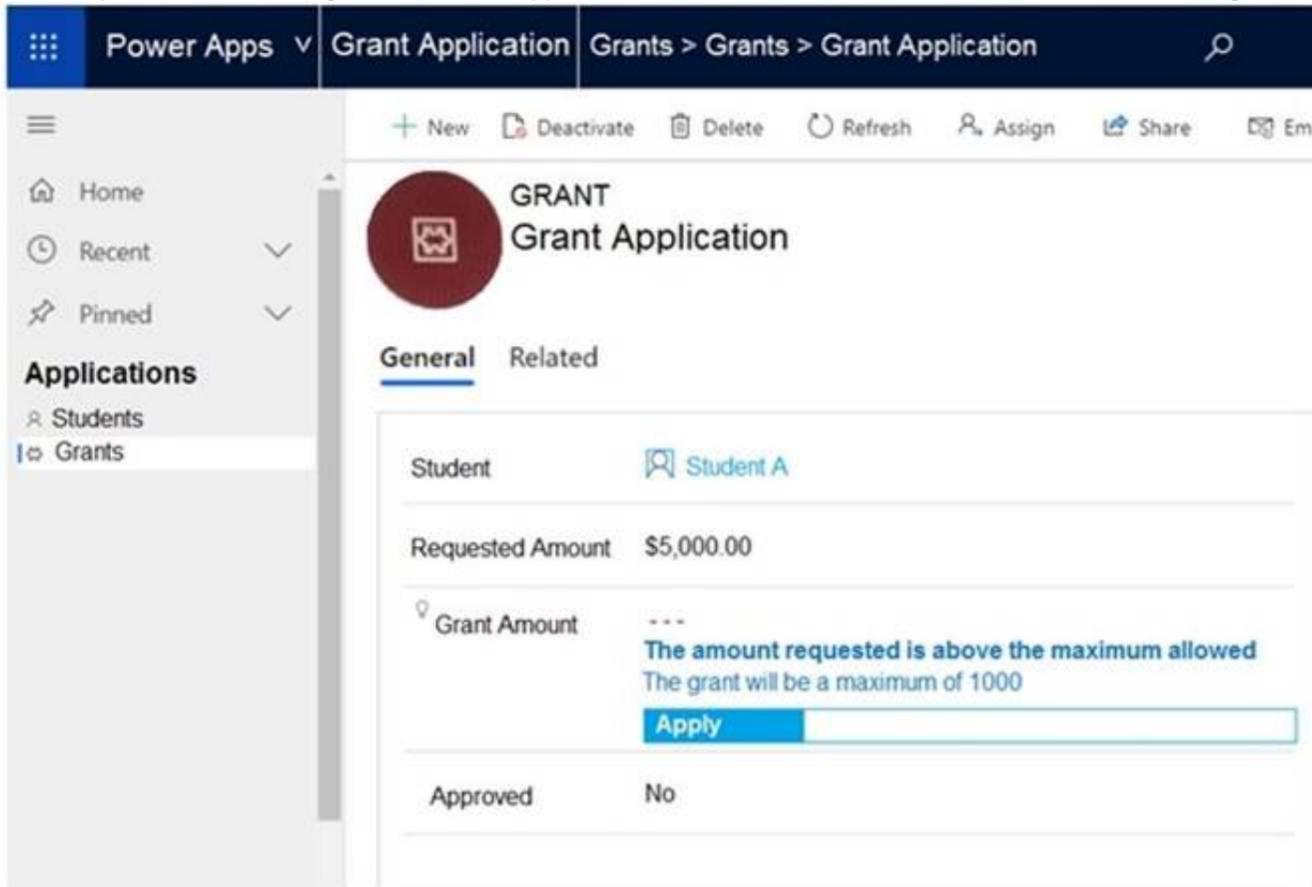
Scenario	Trigger
Choose accounts that are in the USA and send those account contacts an email.	Record selection
Contacts that have not been modified in 60 days should no longer be in the system.	Record deletion
An area code has been mistyped in all records.	Record update

**NEW QUESTION 124**

HOTSPOT - (Topic 6)

A university manages grant applications using a model-driven app.

Users report that the message on the Grant Application screen is outdated. The screen shows the following:



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.  
 NOTE: Each correct selection is worth one point.

Which Power Platform capability does the app use to display the message?

- Business rule
- Logic app
- Flow
- Plug-in

What should the app maker do to prevent the message from displaying?

- Update the field calculation.
- Update the rollup field.
- Update the automated flow.
- Update the business rule.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Which Power Platform capability does the app use to display the message?

What should the app maker do to prevent the message from displaying?

**NEW QUESTION 127**

DRAG DROP - (Topic 6)

User1 and User2 use a form named F1 to enter account data. Both users have the same security role, SR1, in the same business unit. User1 has a business rule to make the main phone mandatory if the relationship type is Reseller. User2 must occasionally create records of the Reseller type without having the reseller's phone number and is blocked by User1's business rule. You need to ensure that User2 can enter reseller data into the system.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct order you select.

Actions	Answer Area
Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.	
Open form F1 and save it as a form named F2.	
Remove the business role from form F2.	⏪
Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.	⏩
Create a business rule for form F2 to make the phone number optional for resellers.	⏴
	⏵

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Actions	Answer Area
Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.	
Open form F1 and save it as a form named F2.	Open form F1 and save it as a form named F2.
Remove the business role from form F2.	Remove the business role from form F2.
Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.	Create a business rule for form F2 to make the phone number optional for resellers.
Create a business rule for form F2 to make the phone number optional for resellers.	

**NEW QUESTION 129**

- (Topic 6)

A company has two development instances, two test instances, two staging instances, and one production instance.

The test team reports connection issues with the test and staging instances.

You need to identify which if the instances the testing team currently has access. Which two URLs can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. <https://myorg.api.crm.dynamics.com/api/data/v.9.1/>
- B. <https://dev.crm.dynamics.com/api/discovery/v9.1/Instances>
- C. [https://dev.crm.dynamics.com/api/discovery/v9.1/Instances\(UniqueName='myorg'\)](https://dev.crm.dynamics.com/api/discovery/v9.1/Instances(UniqueName='myorg'))
- D. <https://disco.crm.dynamics.com/api/discovery/v9.1/>
- E. <https://globaldisco.crm.dynamics.com/api/discovery/v9.1/Instances>

**Answer:** CE

**Explanation:**

C: Organization information is stored in the Instance entity of the Discovery service. To see the kind of information contained in that entity, send an HTTP GET request to the service for one of your instances.

GET [https://dev.{servername}/api/discovery/v9.0/Instances\(UniqueName='myorg'\)](https://dev.{servername}/api/discovery/v9.0/Instances(UniqueName='myorg'))

In the above example, the discovery service is used to obtain the organization information of the instance with a unique name of "myorg".

Reference:

<https://docs.microsoft.com/en-in/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api>

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/samples/global-discovery-service-csharp>

**NEW QUESTION 132**

HOTSPOT - (Topic 6)

A fine arts school uses a custom canvas application based on the Common Data Service (CDS) platform.

Artists experience errors on their Artist canvas app and delays when switching pages. You need to identify the root causes of these issues.

Which troubleshooting methods should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Issue	Troubleshooting method
Artist canvas app has errors.	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">▼</div> <div style="padding: 2px; margin-bottom: 2px;">PowerApp Checker</div> <div style="padding: 2px; margin-bottom: 2px;">Solution Checker</div> <div style="padding: 2px;">Site Map validation</div> </div>
Application runs slowly.	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; margin-bottom: 2px;">▼</div> <div style="padding: 2px; margin-bottom: 2px;">PowerApps Admin Center</div> <div style="padding: 2px; margin-bottom: 2px;">Service Performance in PowerApps Analytics</div> <div style="padding: 2px; margin-bottom: 2px;">Dynamics 365 Service Health</div> <div style="padding: 2px;">PowerApps client session details</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

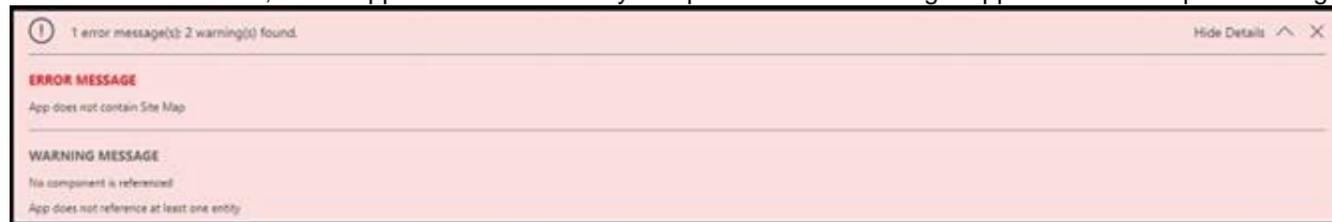
**Explanation:**

Box 1: Site Map validation

When you validate the app, the app designer canvas shows you details about the assets that are missing.

In the app designer, select Validate.

A notification bar appears and shows you whether the app has any errors or warnings. The notification bar shows warnings in cases where, for example, an entity has no forms or views, or the app doesn't contain any components. An error might appear if a site map isn't configured for the app.



**NEW QUESTION 135**

- (Topic 6)

You are creating a model-driven app. You create JavaScript code to display a message when a record is saved. You need to configure the associated JavaScript web resource name when adding the event handler to the form. Which field should you use?

- A. Event Type
- B. Function
- C. Component
- D. Library

**Answer:** D

**NEW QUESTION 137**

- (Topic 6)

As part of the month-end financial closing process, a company uses a batch job to copy all orders into a staging database.

The staging database is used to calculate any outstanding amounts owed by clients, and must process all historical data.

You need to ensure that only the data affected during the month is included in the integration process.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Use change tracking on the orders and run the integration to retrieve new orders and the orders that have the total amount changed in the last month.
- B. Create a system view with the orders that have the Modified On field in the last month and run the integration on this subset.
- C. Use change tracking on the order lines and run the integration every week and retrieve only the order lines that have been created or deleted in the last month.

D. Create a system view with the order lines that have the Modified On field in the last month and run the integration on this subset.

**Answer:** CD

**Explanation:**

C: The change tracking feature in Microsoft Dataverse provides a way to keep the data synchronized in an efficient manner by detecting what data has changed since the data was initially extracted or last synchronized. Deletions and creations are tracked.

D: On modified Order Lines, not on Modified Orders. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-change-tracking-synchronize-data-external-systems>

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/behavior-format-date-time-attribute>

**NEW QUESTION 140**

DRAG DROP - (Topic 6)

An organization has a Dynamics 365 Sales environment. In the development environment, you create a business rule named BusinessRule1 on the Account entity. You deploy BusinessRule1 to production as part of a managed solution.

You need to remove BusinessRule1 from the production environment.

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

Actions	Answer Area
In the development environment, navigate to Solutions.	
Create a new managed solution in the production environment.	
Export the solution as managed and import it in the production environment.	⬆
In the production environment, add a new business rule.	⬇
Select the solution that has BusinessRule1 and deactivate the rule.	
Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: In the development environment, navigate to Solutions.

The only supported way of transferring customizations from one CRM organization to another has been through Solutions. With Solution Management came the concept of Managed and Unmanaged Solutions.

Step 2: Export the solution as managed and import it in the production environment. Managed is a way to protect your IP (Intellectual Property) with an easy concept of install and uninstall.

Step 3: Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.

**NEW QUESTION 144**

DRAG DROP - (Topic 6)

A company is developing a Microsoft Dataverse plug-in. The plug-in must create a follow-up task for a new account. You add the code that receives context(IPluginExecutionContext) and service(IOrganizationService).

You need to create the remaining code to insert the follow-up task.

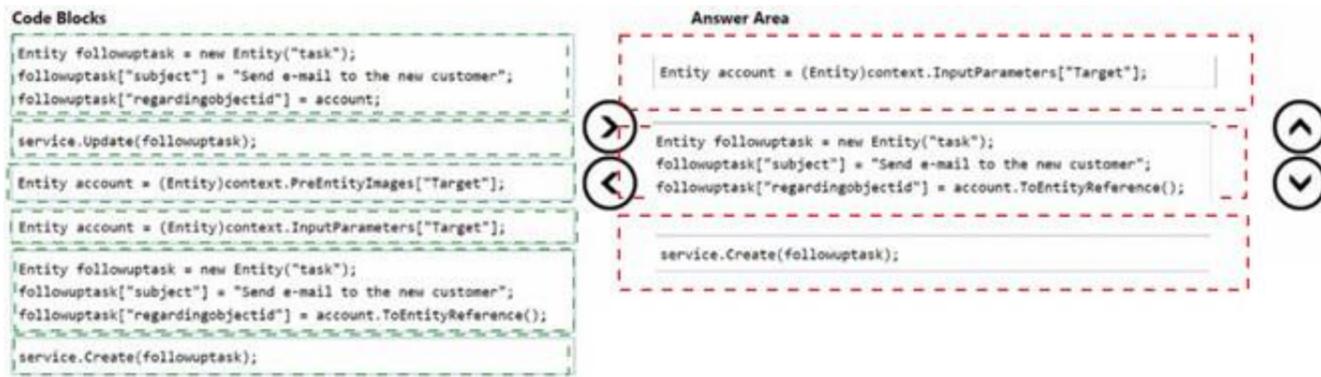
Which three code blocks should you use in sequence? To answer, move the appropriate code sequences from the list of sequences to the answer area and arrange them in the correct order.

Code Blocks	Answer Area
Entity followuptask = new Entity("task"); followuptask["subject"] = "Send e-mail to the new customer"; followuptask["regardingobjectid"] = account;	
service.Update(followuptask);	⬆
Entity account = (Entity)context.PreEntityImages["Target"];	⬇
Entity account = (Entity)context.InputParameters["Target"];	
Entity followuptask = new Entity("task"); followuptask["subject"] = "Send e-mail to the new customer"; followuptask["regardingobjectid"] = account.ToEntityReference();	
service.Create(followuptask);	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 149**

- (Topic 6)

You deploy a Power Platform plug-in to a production environment. The plug-in code contains detailed tracing information. You are a member of the Environment Maker security role for the environment.

Users report unexpected results when they interact with confidential data by using the plug-in. You confirm that the plug-in works without errors in a development environment.

You need to investigate the root cause of the plug-in errors. What should you do?

- A. Send a PUT request to enable plug-in tracing for the production environment.
- B. Send a GET request to retrieve the plugintracelogs records.
- C. Install Plug-in profiler in the production environment by using the Plug-in Registration tool.
- D. Reproduce and capture the errors, then debug from Visual Studio.

**Answer: C**

**Explanation:**

Plug-in profiler is a solution that you can install on your environment that enables you to capture the execution context of a plug-in and then use that data to re-play the event within Visual Studio while debugging.

There are two tools available from which to run the Plug-in Profiler:

the Plug-in Registration Tool and Power Platform Tools for Visual Studio.

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in>

**NEW QUESTION 154**

- (Topic 6)

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 in the review screen.

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Throw an InvalidPluginExecutionException with the message. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 156**

- (Topic 6)

An organization plans to set up a secure connector for Power Apps. The App will capture tweets from Twitters about the organization's upcoming product for sales follow-up.

You need to configure security for the app. Which authentication method should you use?

- A. OAuth
- B. API key
- C. Windows authentication
- D. Kerberos authentication
- E. Basic authentication

**Answer: A**

**Explanation:**

Configure OAuth2 provider settings for portals.

The OAuth 2.0 based external identity providers involve registering an "application" with a third-party service to obtain a "client ID" and "client secret" pair.

The supported providers are:

? Microsoft Account

? Twitter

? Facebook

? Google

? LinkedIn

? Yahoo

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/configure-oauth2- settings>

### NEW QUESTION 161

- (Topic 6)

You are creating a Power Automate flow.

You create an Azure Service Bus listener app that receives requests from a third-party application.

When the flow calls the message queue, it must delete the message as soon as it is read. You need to ensure that the queue is cleared properly.

Which method or class should you use?

- A. ReceiveMode
- B. BrokeredMessage
- C. EventHubReceiver
- D. EventHubSender

**Answer:** A

#### Explanation:

ReceiveMode enumerates the values for the receive mode. The default is PeekLock. Fields:

PeekLock: Specifies the PeekLock receive mode. This is the default value for ReceiveMode.

ReceiveAndDelete: Specifies the ReceiveAndDelete receive mode.

Note: You can specify two different modes in which Service Bus receives messages. Receive and delete. In this mode, when Service Bus receives the request from the consumer, it marks the message as being consumed and returns it to the consumer application.

Peek lock.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions>

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.servicebus.messaging.receivevmode>

### NEW QUESTION 166

- (Topic 6)

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 in the review screen.

You are developing a model-driven app for a company.

When you create a new Account record, you must automatically display a form to collect data that is needed to create a Contact record. The form must switch to the appropriate form layout based on the contact type.

You open the Contact form by using JavaScript. You pass the contact type information to the form by using the Xrm.Navigation.openForm function. An OnLoad event handler in the Contact form processes the data and shows only the appropriate sections of the form for the given contact type.

You need to configure the receiving form to accept the data parameter.

Solution: In the form editor, add a web resource that sets formContext.data.attributes.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

By default, model-driven apps allows a specified set of query string parameters to be passed to a form. You use these parameters to set default values when you create a new record in the application. Each parameter must use a standard naming convention that includes a reference to the column logical name.

There are two ways to specify which query string parameters will be accepted by the form:

? Edit form properties

? Edit form XML

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/configure-form-accept-custom-querystring-parameters>

### NEW QUESTION 168

- (Topic 6)

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 in the review screen.

An organization has an Azure SQL Database instance that must be synchronized daily with data from Dynamics 365 Sales. A large amount of data might need to be synchronized on some days.

You need to reduce the time required to synchronize data. Solution:

Enable change tracking for entities that will be synchronized.

Use the Data Export Service to sync data between the database and Dynamics 365 Sales. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

Large organizations that synchronize their data with external data sources can now enable entities for change tracking. You can export or retrieve a selected set of data, and then keep the external data warehouse in sync.

The Data Export Service is an add-on service made available on Microsoft AppSource that adds the ability to replicate data from Common Data Service database to an Azure SQL Database store in a customer-owned Azure subscription.

The Data Export Service intelligently synchronizes the entire data initially and thereafter synchronizes on a continuous basis as changes occur (delta changes) in the system.

You can use the Data Export Service with model-driven apps in Dynamics 365, such as Dynamics 365 Sales and Dynamics 365 Customer Service.

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-data-synchronization>

<https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database>

**NEW QUESTION 173**

DRAG DROP - (Topic 6)

You are creating various Power Apps apps for a company. Power Automate flows must connect securely to the following external systems:

External system	Comments
Accounts receivable	This is a proprietary database. You must access the database by using an API. The API uses the client credentials grant type.
Bing Maps	You must access the API by sending a unique identifier in the query string of requests.

You need to create custom connectors to access the external systems. Which type of security should you use for the connectors?

To answer, drag the appropriate security types to the correct external systems. Each security type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE; Each correct selection is worth one point.

**Security types**

- OAuth 2.0
- Basic authentication
- API key
- No authentication

**Answer Area**

External system	Security type
Accounts receivable	
Bing maps	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Security types**

- OAuth 2.0
- Basic authentication
- API key
- No authentication

**Answer Area**

External system	Security type
Accounts receivable	OAuth 2.0
Bing maps	API key

**NEW QUESTION 177**

DRAG DROP - (Topic 6)

Technicians for a company use a model-driven app on their phones to record information about service visits. Users do not have permissions to the Power Apps maker portal to create or update apps.

Technicians report issues with the model-driven app. You are unable to reproduce the issues in a development environment.

You need to provide instructions to the technicians to gather more details about the errors. Which four actions should you recommend be performed in sequence?

To answer, move

the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

- Perform the steps to generate the errors and download the results from Monitor.
- Open the app in a browser on the phone.
- Open the application in a browser on a laptop computer when they return to the office.
- Perform the steps to generate the errors while you monitor the technician's monitor debug session.
- Add the following text to the end of the URL for the app: "&monitor=true"
- Open the app on a phone by using Power Apps mobile.

**Answer area**

←      ↑

→      ↓

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Open the app in a browser on the phone.

Step 2: Add the following text to end of the URL for the app: "&monitor=true" You can start a Monitor session from a model-driven app. To do this, append &monitor=true to the end of the URL in the browser. This displays the Monitor command on the model-driven app global command bar. Select Monitor to open a monitoring session in a new tab.

Step 3: Perform the steps to generate the errors and download the results from Monitor. Step 4: Open the application in a browser on a laptop computer when they return to the office

References:

<https://powerapps.microsoft.com/en-us/blog/monitor-now-supports-model-driven-apps/>

**NEW QUESTION 182**

- (Topic 6)

A client requires that the system send an email from a button on their customer contact form.

You need to call the action from JavaScript.

Which two functions achieve this result? Each correct presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Xrm.WebApi.online.createRecord()
- B. Xrm.WebApi.online.updateRecord()
- C. Xrm.WebApi.online.execute()
- D. Xrm.WebApi.online.executeMultiple()

**Answer:** CD

**Explanation:**

Xrm.WebApi.online.executeMultiple executes a collection of action, function, or CRUD operations.

Xrm.WebApi.online.execute executes a single action, function, or CRUD operation. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/online/executemultiple>

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/online/execute>

**NEW QUESTION 185**

- (Topic 6)

A company needs to illustrate the relationships of the entities in Dynamics 365 Sales. You need to select the appropriate tool to show this graphic.

Which tool should you select?

- A. Metadata diagram
- B. Sales Insights
- C. Power Automate
- D. Security model

**Answer:** A

**Explanation:**

Visual representation of metadata can be useful, especially when you are trying to describe the relationship between entities in the system. You can use the Metadata Diagram sample code provided for Dynamics 365 Customer Engagement (on-premises) to generate the entity relationship diagrams.

You can create a diagram that shows a relationship for just one entity, or a complex diagram that includes dozens of related entities, including custom and system entities.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-metadata-generate-entity-diagrams>

**NEW QUESTION 190**

HOTSPOT - (Topic 6)

A travel agency has a Dynamics 365 Customer Engagement.

Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.

You need to register the plug-in to meet the requirements.

Which value should you apply for each parameter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Parameter	Value
message	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span>message</span> <span>▼</span> </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">create</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">associate</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">update</div> </div>
primary entity	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span>primary entity</span> <span>▼</span> </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">none</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">country</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">contact</div> </div>
secondary entity	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span>secondary entity</span> <span>▼</span> </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">none</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">country</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">contact</div> </div>
execution mode	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span>execution mode</span> <span>▼</span> </div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">synchronous</div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; padding: 2px;">asynchronous</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: associate

Box 2: contact

Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.

Box 3: country

Box 4: synchronous

**NEW QUESTION 193**

- (Topic 6)

A company designs data integration with an external system by using virtual tables. You need to implement the virtual tables.

Solution: Create a calculated column on the virtual table. Does the solution meet the goal?

A. Yes

B. No

**Answer:** B

**NEW QUESTION 194**

HOTSPOT - (Topic 6)

You need to use the Dynamics 365 Sales Web API to retrieve metadata information.

How should you complete the Web API queries? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Metadata item	Web API query
Entity	<pre>GET /api/data/v9.0/EntityDefinitions(     [ ] = 'account')</pre> <div style="border: 1px solid black; padding: 2px;"> <p>Name</p> <p>EntityName</p> <p>LogicalName</p> <p>SchemaName</p> </div>
Attribute	<pre>GET /api/data/v9.0/EntityDefinitions(     [ ] = 'account')/Attributes(LogicalName=telephone1)</pre> <div style="border: 1px solid black; padding: 2px;"> <p>Name</p> <p>LogicalName</p> <p>SchemaName</p> <p>AttributeName</p> </div>
Relationship	<pre>GET /api/data/v9.0/RelationshipDefinitions(     [ ] = 'Account_Tasks')</pre> <div style="border: 1px solid black; padding: 2px;"> <p>Name</p> <p>LogicalName</p> <p>SchemaName</p> <p>RelationshipName</p> </div>
Global Option Set	<pre>GET /api/data/v9.0/GlobalOptionSetDefinitions(     [ ] = 'metric_goaltype')</pre> <div style="border: 1px solid black; padding: 2px;"> <p>Name</p> <p>LogicalName</p> <p>SchemaName</p> <p>AttributeName</p> </div>

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

Entity: LogicalName

Querying the EntityMetadata entity type:

GET [Organization URI]/api/data/v9.0/EntityDefinitions(LogicalName='account')

Attribute: LogicalName Retrieving attributes:

GET [Organization URI]/api/data/v9.0/EntityDefinitions(LogicalName='account')/Attributes(

Relationship: SchemaName Querying relationship metadata:

Entity relationships can also be queried using the RelationshipDefinitions entity set. You can use a query like the following to get the SchemaName property for every relationship.

GET [Organization URI]/api/data/v9.0/RelationshipDefinitions?\$select=SchemaName

Global Option Set: Name Querying Global OptionSets:

GET /api/data/v9.0/GlobalOptionSetDefinitions(Name='metric\_goaltype')

Note: Retrieving items by name is generally easier because you probably already have some reference to the metadata item name in your code. The following table lists the alternate key properties for retrieving metadata items by name.

Metadata item	Alternate Key	Example
Entity	LogicalName	GET /api/data/v9.0/EntityDefinitions(LogicalName='account')
Attribute	LogicalName	GET /api/data/v9.0/EntityDefinitions(LogicalName='account')/Attributes(LogicalName='emailaddress1')
Relationship	SchemaName	GET /api/data/v9.0/RelationshipDefinitions(SchemaName='Account_Tasks')
Global Option Set	Name	GET /api/data/v9.0/GlobalOptionSetDefinitions(Name='metric_goalttype')

**NEW QUESTION 196**

HOTSPOT - (Topic 6)

You are creating an app for a school.

You need to implement client-side logic that uses the Microsoft Dataverse web API to evaluate the class type associated with a class record. The code must hide the School Schedule tab if no value is entered for Class Type.

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

NOTE: Each correct selection is worth one point.

**Answer Area**

```
function handleClassTypeSettings (executionContext) {
    var formContext = executionContext.getFormContext();
    var classType = formContext.getAttribute("contoso_classtype").
    if (classType ===
    formContext.ui.
    formContext.ui.tabs.get("SchoolScheduleTab").
```

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

```
function handleClassTypeSettings (executionContext) {
    var formContext = executionContext.getFormContext();
    var classType = formContext.getAttribute("contoso_classtype").
    if (classType ===
    formContext.ui.
    formContext.ui.tabs.get("SchoolScheduleTab").
```

**NEW QUESTION 197**

HOTSPOT - (Topic 6)

You are developing an app for a sales team to record contact details in their Common Data Service (CDS) database.

The app must handle loss of network and save the data to CDS when reconnected.

The main screen of the app has a form to collect contact data and a button. The OnSelect property for the button has the following expression:

```

1. If (
2. Connection.Connected,
3. Path(
4. Contacts,
5. Defaults(Contacts),
6. {
7. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
8. }
9. );
10. Navigate(ConfirmationScreen,ScreenTransition.Fade)
11. ,
12. ClearCollect(
13. LocalRecord,
14. {
15. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
16. }
17. );
18. SaveData(LocalRecord, "LocalRecord");
19. Navigate(PendingScreen,ScreenTransition.Fade)
20. )

```

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
The expression saves the data to CDS when reconnecting after losing network connection.	<input type="radio"/>	<input type="radio"/>
The collection contains all contacts not saved to CDS.	<input type="radio"/>	<input type="radio"/>
The expression updates existing contacts in CDS.	<input type="radio"/>	<input type="radio"/>
The expression handles loss of connection to CDS.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes  
 LoadData and SaveData combine to form a simple mechanism to store small amounts of data on a local device. By using these functions, you can add simple offline capabilities to your app.  
 Box 2: No  
 Box 3: No  
 Box 4: Yes

**NEW QUESTION 202**

DRAG DROP - (Topic 6)

An organization has a Dynamics 365 Sales environment. You need to create a Power Apps component. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Run the following <code>npm run build</code> command.	
Run the <code>pac pcf init --namespace SampleNamespace --name ControlName --template field</code> command	
Run the <code>pac solution init --publisher-name developer -publisher-prefix dev</code> command.	<input type="radio"/> <input type="radio"/>
Run the <code>npm install</code> command.	
Create a project folder.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Run `pac pcf init --namespace ..`

This is the first command which creates basic folder structure of PCF control project. Run the following command to create the control. The format of the control is:  
`pac pcf init --namespace <specify your namespace here> --name <put component name here> --template <component type>`

Step 2: Run the `npm install` command Install Dependencies

Once 'init' sets up the basic folder, as a next step install all the PCF control dependencies using 'npm install' command.

Example:

```
C:\source\PCF\HelloWorld>npm install
npm WARN deprecated opn@6.0.0: The package has been renamed to 'open'
npm WARN pcf-project@1.0.0 No repository field.
npm WARN pcf-project@1.0.0 No license field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.9: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 653 packages from 497 contributors and audited 10328 packages in 19.295s
found 0 vulnerabilities
```

Now at this point, there is nothing we have actually created. However, the solution created contains sample PCF control code.

Step 3: Run the following `npm run build` command Build PCF Component.

Once you implement the PCF component, build the code for any syntax errors.

Syntax:

`npm run build`

```
> pcf-scripts build

[17:54:6] [build] Initializing...
[17:54:6] [build] Validating manifest...
[17:54:6] [build] Validating control...
[17:54:6] [build] Generating manifest types...
[17:54:6] [build] Compiling and bundling control...
[Webpack stats]:
Hash: 7836f673449072fa8d61
Version: webpack 4.28.4
Time: 1153ms
Built at: 10/02/2019 5:54:08 PM
   Asset      Size  Chunks             Chunk Names
bundle.js  6.34 KiB       0  [emitted]  main
Entrypoint main = bundle.js
[./HelloWorld/index.ts] 2.34 KiB {main} [built]
[17:54:8] [build] Generating build outputs...
[17:54:8] [build] Succeeded
```

**NEW QUESTION 205**

HOTSPOT - (Topic 6)

You develop the following code as part of a plug-in that handles the Create message of the Account table.

```
01 Entity target = context.InputParameters["Target"] as Entity;
02
03 string accountNumber = target.GetAttributeValue<string>("accountnumber");
04
05 if (string.IsNullOrEmpty(accountNumber))
06 {
07     return;
08 }
09
10 QueryByAttribute accountsQuery = new QueryByAttribute("account")
11 {
12     ColumnSet = new ColumnSet(false),
13     TopCount = 1
14 };
15 accountsQuery.AddAttributeValue("accountnumber", accountNumber);
16 accountsQuery.AddAttributeValue("statecode", 0);
17
18 Entity[] existingAccounts = service.RetrieveMultiple(accountsQuery).Entities.ToArray();
19
20 if (existingAccounts.Length == 0)
21 {
22     return;
23 }
24
25 throw new InvalidPluginExecutionException($"Record with Account Number '{accountNumber}' exists in the system");
```

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**

Statement	Yes	No
The code performs the validation for any value of the account number.	<input type="radio"/>	<input type="radio"/>
The code checks only active accounts available in the system.	<input type="radio"/>	<input type="radio"/>
The code generates an exception that contains information about the number of existing duplicated records.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Statement	Yes	No
The code performs the validation for any value of the account number.	<input type="radio"/>	<input checked="" type="radio"/>
The code checks only active accounts available in the system.	<input type="radio"/>	<input checked="" type="radio"/>
The code generates an exception that contains information about the number of existing duplicated records.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 208**

- (Topic 6)

A company is developing multiple plug-ins. One of the plug-ins keeps failing.

You need to debug the plug-in.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Highlight the plug-in step and select Debug in the Plug-in Registration tool
- B. Copy the pdb file into the server/bin/assembly folder
- C. Select Start Profiling in the Plug-in Registration tool
- D. Attach the debugger to the w3wp.exe process
- E. Install the plug-in profiler

**Answer:** ACE

**Explanation:**

Step 1: Install plug-in profiler

Because the plug-in executes on a remote server, you cannot attach a debugger to the process. The plug-in profiler captures a profile of an executing plug-in and allows you to re- play the execution of the plug-in using Visual Studio on your local computer.

Step 2: Start profiling

? In the Plug-in Registration tool, select the (Step) BasicPlugin.FollowupPlugin: Create of account step, and click Start Profiling.

? In the Profiler Settings dialog accept the default settings and click OK to close the dialog.

Step 3: Debug your plug-in Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in>

**NEW QUESTION 213**

DRAG DROP - (Topic 6)

A company uses Common Data Service (CDS) and manages their engineers using a model-driven app.

You create a new reusable custom component named Component1 by using the Power Apps component framework (PCF).

You need to package Component1 for deployment into the model-driven app.

Which three commands should you run in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
npm run build	
pac solution init-publisher-name <publisher> --publisher prefix <prefix>	
msbuild /t:build /restore	
npm start	⬅️
pac pcf init --namespace <namespace> --name <control name> - -template field	⬆️
pac solution add-reference --path <control path>	⬅️
npm install	⬆️

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Step 1: pac solution init --publisher-name <publisher> --publisher-prefix <prefix>  
 Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse.  
 pac solution init --publisher-name developer --publisher-prefix dev  
 Step 2: pac solution add-reference --path <control-path>  
 Once the new solution project is created, refer the Solutions folder to the location where the created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to multiple components in a single solution project.  
 pac solution add-reference --path c:\downloads\mysamplecomponent  
 Step 3: msbuild /t:build /restore  
 To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. This command uses MSBuild to build the solution project by pulling down the NuGet dependencies as part of the restore. Use the /restore only for the first time when the solution project is built. For every build after that, you can run the command msbuild.msbuild /t:build /restore

**NEW QUESTION 218**

HOTSPOT - (Topic 6)

A company has a Common Data Service (CDS) environment.  
 The following conditions must apply when accounts are reassigned:  
 ? Ownership for completed tasks that are associated with the account must not change.  
 ? Outstanding tasks must be reassigned to the new owner of the account.  
 You need to configure the relationship to meet the requirements.  
 Which settings should you use? To answer, select the appropriate options in the answer area.  
 NOTE: Each correct selection is worth one point.

Condition	Setting
Relationship Behavior type	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <ul style="list-style-type: none"> <li>Referential</li> <li>Referential, Restrict Delete</li> <li>Parental</li> <li>Configurable Cascading</li> </ul> </div>
Behavior for the assigned action	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #ccc; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <ul style="list-style-type: none"> <li>Cascade None</li> <li>Cascade All</li> <li>Cascade Active</li> <li>Cascade User-Owned</li> </ul> </div>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Graphical user interface, text, application Description automatically generated

Box 1: Referential, Restrict Delete

Restrict: Prevent the Referenced table record from being deleted when referencing tables exist.

Box 2: Cascade User Owned

Cascade User Owned: perform the action on all referencing table records owned by the same user as the referenced table record.

**NEW QUESTION 221**

HOTSPOT - (Topic 6)

You are designing an integration between Dataverse and an external application. The external application processes thousands of records per day.

Record processing volumes vary throughout the day. Extremely high processing volumes may occur and may exceed the Dataverse service protection API limits.

You need to implement each service protection limit that is enforced.

Which implementations should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Service Protection Limit	Implementation
Number of requests	<ul style="list-style-type: none"> <li>Number per user over a sliding window of time</li> <li>Number per environment over a sliding window of time</li> <li>Number per user per 24-hour period</li> <li>Number per environment per 24-hour period</li> </ul>
Combined execution time	<ul style="list-style-type: none"> <li>Combined time per user over a sliding window of time</li> <li>Combined time per user over a fixed window of time</li> <li>Combined time per environment over a sliding window of time</li> <li>Combined time per environment over a fixed window of time</li> </ul>
Concurrent requests	<ul style="list-style-type: none"> <li>Fixed number per user</li> <li>Fixed number per tenant</li> <li>Fixed number per application</li> <li>Fixed number per environment</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Number per user over a sliding window of time

Service protection API limits are enforced based on three facets:

? The number of requests sent by a user.

? The combined execution time required to process requests sent by a user.

? The number of concurrent requests sent by a user.

The following table describes the default service protection API limits enforced per web server:

Measure	Description	Limit per web server
Number of requests	The cumulative number of requests made by the user.	6000 within the 5 minute sliding window
Execution time	The combined execution time of all requests made by the user.	20 minutes (1200 seconds) within the 5 minute sliding window
Number of concurrent requests	The number of concurrent requests made by the user	52

Box 2: Combined time per user over a sliding window of time Box 3: Fixed number per user

**NEW QUESTION 226**

- (Topic 6)

A company uses Common Data Service rollup fields to calculate insurance exposure and risk profiles for customers.

Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created. What should you do?

- A. Create a plug-in that uses the update method for the rollup field
- B. Configure a step on the Create event for the policy entity for this plug-in.
- C. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

- D. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.
- E. Create new fields on the customer entity for insurance exposure and ris
- F. Write a plug-in that is triggered whenever a new policy record is created.

**Answer: C**

**Explanation:**

As a system administrator, you can modify the rollup job recurrence pattern, postpone, pause, or resume the rollup job.

To pause, postpone, resume, or modify the recurrence pattern, you must view the system jobs. More information View Rollup jobs

On the nav bar, choose Actions and select the action you want.

For the Calculate Rollup Field job, the available selections are: Modify Recurrence, Resume, Postpone, and Pause.

For the Mass Calculate Rollup Field job, the available selections are: Resume, Postpone, and Pause.

Note: Calculate Rollup Field is a recurring job that does incremental calculations of all rollup columns in the existing rows for a specified table. There is only one Calculate Rollup Field job per table. The incremental calculations mean that the Calculate Rollup Field job processes the rows that were created, updated, or deleted after the last Mass Calculate Rollup Field job finished execution. The default maximum recurrence setting is one hour. The job is automatically created when the first rollup column on a table is created and deleted when the last rollup column is deleted.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/data-platform/define-rollup-fields>

**NEW QUESTION 228**

- (Topic 6)

You are creating a plug-in for an app that helps government employees get a proof of vaccination card. You must add the following information to a vaccination record before a proof of vaccination card is created:

- Vaccination type
- Date of vaccination
- Name of person administering the vaccine You need to register the plug-in.

In which stage should you register the plug-in?

- A. PreOperation
- B. MainOperation
- C. PreValidation
- D. PostOperation

**Answer: A**

**NEW QUESTION 229**

DRAG DROP - (Topic 6)

You are creating a canvas app for a company. A security role has been created for sales representatives and a second security role has been created for sales managers.

The canvas app has the following requirements:

? Sales managers must be able to view the records of the salespeople in their business unit.

? Sales managers must be the only people who can view sales probability data in opportunity records.

? Sales representatives and new hires assigned to the same territory share access to sales records.

You need to assign permissions for the app.

Which security options should you use? To answer, drag the appropriate security options to the correct scenarios. Each security option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Security options**

- Role-based security
- Field-level security
- Record-level security

**Answer Area**

Scenario	Security option
Sales managers must be able to view the records of the salespeople in their business unit.	Security option
Sales managers must be the only people who can view sales probability data in opportunity records.	Security option
Sales representatives and new hires assigned to the same territory share access to sales records.	Security option

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Role-based security

Dataverse uses role-based security to group together a collection of privileges. These security roles can be associated directly to users, or they can be associated with Dataverse teams and business units.

Box 2: Field-level security

Sometimes record-level control of access is not adequate for some business scenarios. Dataverse has a field-level security feature to allow more granular control of security at the field level. Field-level security can be enabled on all custom fields and most system fields.

Box 3: Record-level security

**NEW QUESTION 230**

HOTSPOT - (Topic 6)

You are creating a model-driven app to track the time that employees spend on individual projects.

You need to configure the app according to the company's requirements.

Which components should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Requirement**

**Component**

Ensure that the values stored in the Project Name field are discoverable in Advanced Find.

	▼
Entity	
View	
Connector	

Display the original estimated duration as estimated start and end dates for the operation during time entry.

	▼
Quick View	
Card	
Quick Create	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: View

Box 2: Quick Create

With quick create forms, your app can have a streamlined data entry experience with full support for logic defined by form scripts and business rules.

By default only these system tables have quick create forms: account, campaign response, 1case, competitor, contact, lead, opportunity.

**NEW QUESTION 232**

- (Topic 6)

You develop a model-driven app. You add the following users as members to the Sales Microsoft Azure Active Directory (Azure AD) security group: User1, User2 and User3.

The Sales Azure AD security group is linked to a pre-existing Microsoft Dataverse Azure AD security group team that is associated with the Sales security role.

You assign each of the appropriate licenses to each user

User1 is not listed in the Team Members subgrid for the app. user2 and User3 are listed in the subgrid.

You need to ensure that User1 can use the model-driven app What should you do?

- A. Change the membership of the Sales Azure AD Security group to Dynamic User
- B. Change the membership type for User1 to Owner in the Azure AD security group.
- C. Create an Owner team for the members of the Sales Azure AD group.
- D. Ask User1 to sign into the model-driven app.

**Answer:** A

**NEW QUESTION 237**

- (Topic 6)

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 in the review screen.

You are designing a one-way integration from the Common Data Service to another system.

You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.

You need to design the integration solution.

Solution: Register a service endpoint in the Common Data Service that connects to an Azure Service Bus queue.

Register a step at the endpoint which runs asynchronously on the record's Create message and in the portoperation stage.

Configure the Azure Function to process records as they are added to the queue. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

Microsoft Dataverse supports integration with Azure.

For the Dataverse and Azure connection to work, there must be at least one solution in an Azure Service Bus solution account, where the solution contains one or more service endpoints.

For a queue endpoint contract, a listener doesn't have to be actively listening. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration>

**NEW QUESTION 242**

HOTSPOT - (Topic 6)

You develop the following code for a console application that performs the data import to Microsoft Dataverse.

```

01  CrmServiceClient service = new CrmServiceClient(connectionString);
02
03  if (!service.IsReady)
04  {
05      Console.WriteLine(service.LastCrmError);
06      Console.ReadLine();
07      return;
08  }
09
10  ExecuteMultipleRequest executeMultipleRequest = new ExecuteMultipleRequest()
11  {
12      Settings = new ExecuteMultipleSettings()
13      {
14          ContinueOnError = false,
15          ReturnResponses = true
16      },
17      Requests = new OrganizationRequestCollection()
18  };
19
20  executeMultipleRequest.Requests.Add(new CreateRequest()
21  {
22      Target = new Entity("account")
23      {
24          ["name"] = "Contoso",
25          ["accountnumber"] = "ACC-0000001"
26      },
27      ["SuppressDuplicateDetection"] = false
28  });
29
30  executeMultipleRequest.Requests.Add(new CreateRequest()
31  {
32      Target = new Entity("contact")
33  {

```

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**

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	<input type="radio"/>	<input type="radio"/>
When a similar account exists, the account will still be created.	<input type="radio"/>	<input type="radio"/>
A contact record will always be created.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	<input checked="" type="radio"/>	<input type="radio"/>
When a similar account exists, the account will still be created.	<input type="radio"/>	<input checked="" type="radio"/>
A contact record will always be created.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 244**

- (Topic 6)

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 in the review screen.

A Common Data Service (CDS) environment has two custom entities named Building code and Work item. Building code has a code date custom field and Work

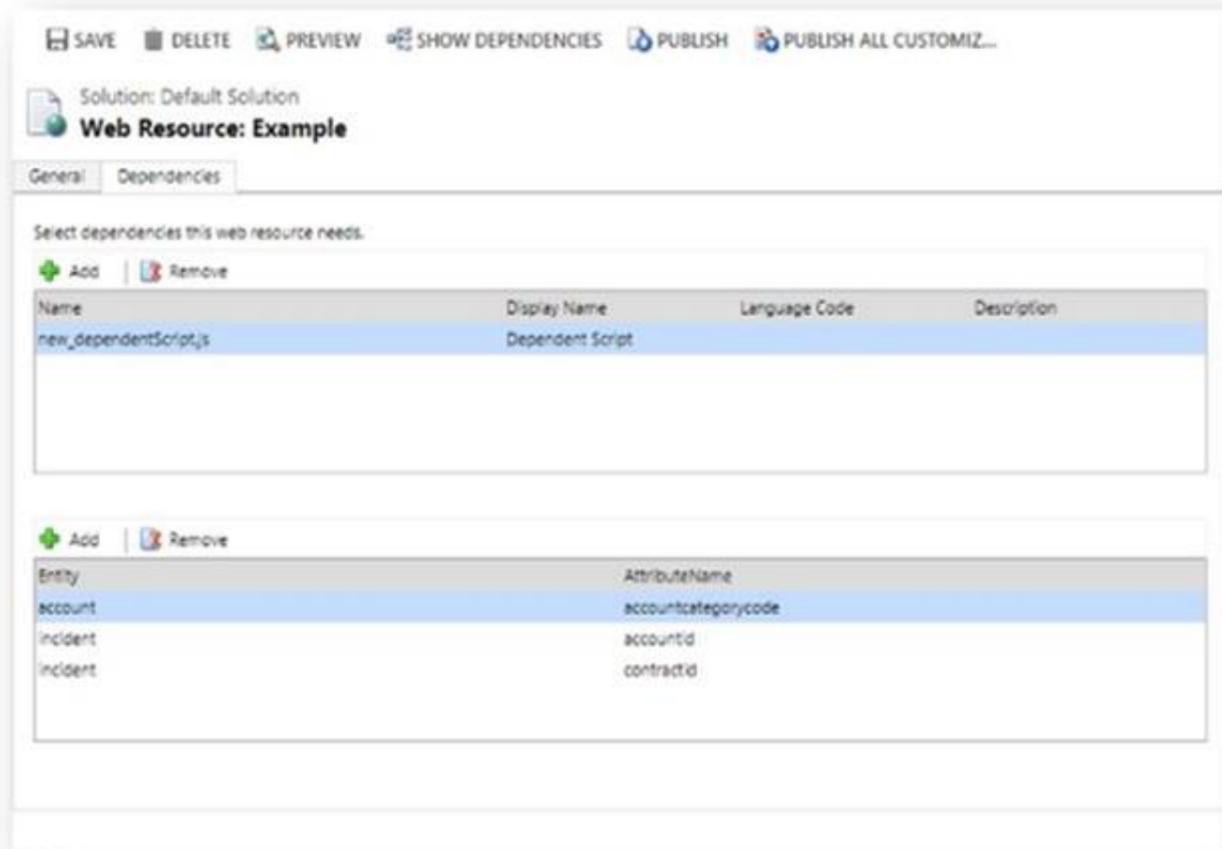
item has an elapsed time custom field. Construction workers use a consolidated custom form with data from both entities to fill in their daily work items. A JavaScript library is used with these custom entities and fields to apply complex logic. You need to ensure that the JavaScript library continues to function as originally designed if other developers expand the environment.  
 Solution: In the JavaScript library, add Building code with Code date and Work item with Elapsed time in the dependencies tab.  
 Does the solution meet the goal?

- A. Yes
- B. No

**Answer: A**

**Explanation:**

Within a solution you can define dependencies within solution components. Up until Dynamics 365 for Customer Engagement apps version 9.0 the main purpose of these dependencies was to prevent the deletion of a solution component when another solution component depended on it. The following image shows the dependencies tab within the web resource form. Dependencies between web resources are set in the top list.



Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies>

**NEW QUESTION 249**

- (Topic 6)

A travel company plans to track the address of places their clients visit in an entity named Destination. Client information is captured as contact records. Client records include links to the places that clients visit.

The company must be able to link multiple rating records to the new address record. You find a custom Rating entity that is incomplete.

You need to expand the Rating entity to include contact, address, and rating information in one place.

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 1:N relationship between the Contact system entity and the Address system entity named Destination.
- B. Create a mapping for the Contact – Rating relationship.
- C. Create a 1:N relationship between the Address system entity and the Rating entity.
- D. Create a 1:N relationship between the Contact system entity and the Rating entity.
- E. Create a mapping for the Destination – Rating relationship.
- F. Create a 1:N relationship between the Destination entity and the Rating entity.

**Answer: ACE**

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/map-entity-fields>

**NEW QUESTION 254**

- (Topic 6)

The communication department for a company plans to add a publicly accessible survey page to the company's public website.

You must add the new survey page to the company's public website and capture data from the page to a Common Data Service environment.

Explicit user credentials must not be required to write survey data to Common Data Service.

You need to implement authentication.

Which authentication mechanism should you implement?

- A. Microsoft 365
- B. X.509 certificate

- C. Azure AD Conditional Access
- D. Claims-based

**Answer:** C

**Explanation:**

With Azure AD Conditional Access the users are authenticated by Azure Active Directory (Azure AD).

Reference:

<https://docs.microsoft.com/en-us/power-platform/admin/wp-security>

**NEW QUESTION 257**

- (Topic 6)

A company designs data integration with an external system by using virtual tables. You need to implement the virtual tables.

Solution: Use a table that has a GUID as its primary key. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

If all the entities in external data source have an associated GUID primary key then we can implement the virtual entities for sure. For Reference:

<https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/virtual-entities/get-started-ve?view=op-9-1>

**NEW QUESTION 258**

- (Topic 6)

You are creating a canvas app that realtors use to identify neighbors for properties that are for sale. The OnStart property includes the following code:

```
ClearCollect(collectNeighborList, Filter(NeighborList, Status = "Active")); ClearCollect(collectRealtorList, CompanyList); ClearCollect(collectRegions, RegionList)
```

The app is running slower than expected. You need to resolve the issue.

What should you do?

- A)
- B)

Replace all instances of the `clearCollect` method with the `connect` method.

C)  
Replace the existing code segment with the following code segment: `ClearCollect(collectNeighborList, Filter(NeighborList, Status = "Active")); Concurrent(ClearCollect(collectRealtorList, CompanyList)); Concurrent(ClearCollect(collectRegions, RegionList))`

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

**Answer:** A

**NEW QUESTION 259**

- (Topic 6)

A company designs a Microsoft Dataverse Custom API to encapsulate business logic in it

The Custom API business logic must be encapsulated in a way that does not allow the business logic behavior to be modified or canceled.

You need to set the parameter value of the custom API so it cannot be customized. Which parameter value should you set?

- A. Execute Privilege Name to pr
- B. SdkMessageProcessingStep
- C. Binding Type to Entity
- D. Custom Processing Step to None
- E. Enabled for Workflow to No

**Answer:** C

**NEW QUESTION 260**

- (Topic 6)

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 in the review screen.

You are designing a one-way integration from the Common Data Service to another system.

You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.

You need to design the integration solution.

Solution: Register a webhook in the Common Data Service that connects to the Azure Function. Register a step on the webhook which runs synchronously on the record's Create message and in the post-operation stage.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead use asynchronous communication.

**NEW QUESTION 262**

HOTSPOT - (Topic 6)

A company updates their client contact information periodically. The contact entity has alternate keys defined. You have the following code. (Line numbers are included for reference only.)

```

1. Entity contact = new Entity()
2. {
3.   LogicalName = "contact",
4.   KeyAttributes =
5.   {
6.     {"lastname", "Smith"},
7.     {"clientnumber", "abc123"}
8.   }
9. },
10 contact["lastname"] = "Doe";
11. UpsertRequest updcontact = new UpsertRequest ();
12. {
13.   Target = contact;
14. }
15. UpsertResponse response = ( UpsertResponse )service.Execute(updcontact);

```

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

NOTE: Each correct selection is worth one point.

Statement	Yes	No
If the last name is an alternate key and there are no contacts with the last name Smith, the stored value of the last name is Smith.	<input type="radio"/>	<input type="radio"/>
If the client number is an alternate key and the client number exists, the stored value of the last name is Smith.	<input type="radio"/>	<input type="radio"/>
If the last name is an alternate key and there are people who have the last name Smith, the stored value of the last name is Smith.	<input type="radio"/>	<input type="radio"/>
If the client number is an alternate key and the client number does not exist, the stored value of the last name is Smith.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Statement	Yes	No
If the last name is an alternate key and there are no contacts with the last name Smith, the stored value of the last name is Smith.	<input type="radio"/>	<input checked="" type="radio"/>
If the client number is an alternate key and the client number exists, the stored value of the last name is Smith.	<input checked="" type="radio"/>	<input type="radio"/>
If the last name is an alternate key and there are people who have the last name Smith, the stored value of the last name is Smith.	<input type="radio"/>	<input checked="" type="radio"/>
If the client number is an alternate key and the client number does not exist, the stored value of the last name is Smith.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 267**

HOTSPOT - (Topic 6)

A client is deploying Dynamics 365 Finance without any third-party add-ons. You need to select the appropriate solutions for the client. What should you select? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Scenario**

Warehouse employees can use mobile devices to scan barcodes by using Dynamics 365 Finance.

The location of field technicians can be communicated with a text message from Dynamics 365 Field Service.

**Solution**

▼
Out-of-the-box
Logic apps
Power Automate
Common Data Service

▼
Common Data Service
Workflow
Power Automate

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Out-of-the-box  
 Box 2: Workflow

**NEW QUESTION 268**

DRAG DROP - (Topic 6)

An international organization has a series of client-server applications that manage red light cameras and traffic violations across a wide geographic region. The daily volume of traffic violations is very high and growing.

You plan to use Microsoft Power Platform apps to manage the following types of data:

- ? Existing vehicle licensing data must be imported into Common Data Service and easily queried.
- ? Red light camera images must be stored in a repository for later analysis.
- ? Information about traffic violations must be stored and related to vehicle details.

You need to select data storage mechanisms for the new apps.

Which data storage mechanisms should you use? To answer, drag the appropriate data storage mechanisms to the correct data types. Each storage mechanism may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Data storage mechanisms	Data type	Data storage mechanism
Entity	Vehicle licensing data	
Azure Storage Blob	Red light camera photos	
Azure Cosmos DB	Information about traffic violations	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Data storage mechanisms	Data type	Data storage mechanism
Entity	Vehicle licensing data	Azure Cosmos DB
Azure Storage Blob	Red light camera photos	Azure Storage Blob
Azure Cosmos DB	Information about traffic violations	Entity

**NEW QUESTION 270**

HOTSPOT - (Topic 6)

A company has a model-driven app that captures applications from prospective students.

You are asked to create a new re-usable custom component using the Power Apps component framework (PCF).

The custom component must allow entry of a date of birth and validate that the applicant is not a minor.

You create the class AuditDatePicker in the TypeScript file Index.ts and the style sheet DatePicker.css.

You need to define the component to be available only for relevant fields and its properties when used in a form.

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

NOTE: Each correct selection is worth one point.

```
<?xml version= "1.0" encoding= "utf-8"?>
<manifest>
  <control namespace= "delegate" constructor=
    version= "1.0.0" display-name-key= "Date Picker" description-key= "Date of Birth
Date Picker that validates if a minor" control-type= "standard">
  <property name= "value" display-name-key= "Value" description-key= "Value" of-
type=
  required= "true" />
  <resources>
    <code path= "Index.ts" order= "1"/>
    <css path= "css/DatePicker.css" order= "1" />
  </resources>
  </control>
</manifest>
```

Index.ts
DatePicker.css
AuditDatePicker

Enum
DateandTime.DateandTime
DateandTime.DateOnly

bound
input

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: AuditDatePicker

Constructor: Constructor of the code component. Box 2:DateandTime.DateOnly

Box 3: bound

usage: Has two properties, bound and input. Bound properties are bound only to the value of the field. Input properties are either bound to a field or allow a static value.

**NEW QUESTION 274**

HOTSPOT - (Topic 6)

A company uses Dynamics 365 Sales and the Microsoft Online Services portal. The multi-select OptionSet field data type is not supported in the portal.

You need to copy the selected field value to the text field.

How should you configure the Organization service request? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
Entity entity = (Entity)context.InputParameters["Target"];
var attributeRequest = new RetrieveAttributeRequest
```

```
{
  EntityLogicalName = "entityname",
  LogicalName = "fieldname",

  RetrieveAsIfPublished =
};
```

true
false

```
var attributeResponse = (RetrieveAttributeResponse)
service.Execute(attributeRequest);
var attributeMetadata =
(EnumAttributeMetadata)attributeResponse.
```

AttributeMetadata
AttributeResponse
OptionMetadataCollection
MultiSelectPicklistAttributeMetadata

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: Yes

If you are creating an attribute editor you will need to retrieve entity data that has been saved but not published. For other scenarios you will want to only retrieve published metadata.

? Set this value to true to include unpublished changes, as it would look if you called publish.

? Set this value to false to include only the currently published changes, ignoring the changes that haven't yet been published.

Box 2: AttributeMetadata

AttributeMetadata class is returned in the RetrieveAttributeResponse.

**NEW QUESTION 277**

HOTSPOT - (Topic 6)

A company is creating a new system based on Dynamics 365 Sales. The company has the following requirements for their claim process:

- ? Approval process must be the same for all claim applications.
  - ? Claim applications must go through approvers at each stage.
  - ? Fields must be shown or hidden, based on the requirements in the approval process.
- You need to design the data model for the claim process using out-of-the-box components whenever possible. Which features should you implement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Feature
Claim applications must go through the same approval process.	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">                     Workflow                      Business process flow                      Plug-ins                      Custom workflow                 </div> </div>
Claim applications be routed to approvers at each stage.	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">                     Power Automate flow                      Business process flow                      Actions                 </div> </div>
Claim applications must show or hide fields based on the values.	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">                     Business rules                      JavaScript                 </div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Workflow

You configure the approval processes in a workflow.

Box 2: Business process flow

By integrating your approvals feature with Power Automate, you can implement features such as these:

- ? Automatically generate and send request-for-approval emails to approvers.
- ? Include active approve and reject buttons in request-for-approval emails.
- ? Easy customization of the approval steps, using a framework that most administrators will be able to understand and adjust for themselves.

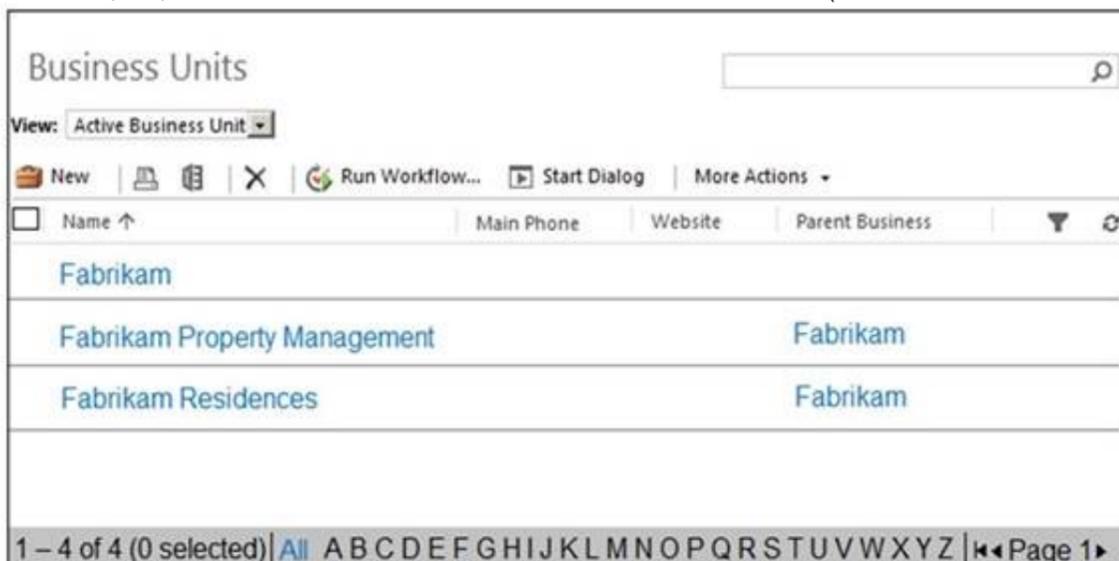
Box 3: JavaScript

In Dynamics 365, you can hide and show fields using JavaScript. This is useful if you have business logic that determines if fields are displayed or not to the user.

**NEW QUESTION 281**

HOTSPOT - (Topic 6)

Fabrikam, Inc, has two divisions as shown in the Business Unit exhibit. (Click the Business Unit tab.)



- ? Fabrikam Residences rents units short term to clients.
  - ? Fabrikam Property Management deals with the maintenance of the units and manages the contractors who perform the maintenance.
  - ? Clients and contractors are both stored in the Contact entity.
- The manager of the Property Management business unit is a member of a Fabrikam business unit, which has the root security role as shown in the Security Role exhibit. (Click the Security Role tab.)

**Power Apps**

File Save and Close Actions

### Security Role: Common Data Service User

Details Core Records Service Business Management Customization Missing Entities

Role Name:

**When role is assigned to a team**  
 Team member gets all team privileges by default.  
 Team members can inherit team privileges directly based on access level. [Learn More](#).

Member's privilege inheritance:

**Power Apps**

File Save and Close Actions

### Security Role Common Data Service User

Details Core Records Business Management Customization Missing Entities Business Process Flows Custom Entities

Entity	Create	Read	Write	Delete	Append	Append To	Assign	Share
Account	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
ACViewManager	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Action Card	🟡	🟡	🟡	🟡	🟡	🟢	🟡	🟡
Action Card User Settings	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡
Activity	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟢
Advanced Similarity Rule	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟡
Announcement	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Application File	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Azure Service Connection	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Connection	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Connection Role	🟡	🟢	🟢	🟡	🟢	🟢	🟡	🟢
Contact	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Customer Relationship	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟢
Data Import	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟢
Data Map	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟢
Data Performance Dashboard	🟡	🟡	🟡	🟡	🟡	🟡	🟡	🟢
Document Location	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Document Suggestions	🟡	🟢	🟢	🟡	🟢	🟢	🟢	🟢
Duplicate Detection Rule	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Email Signature	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Email Template	🟡	🟢	🟡	🟡	🟡	🟡	🟡	🟡
Feedback	🟢	🟡	🟡	🟡	🟡	🟡	🟡	🟡

The manager cannot see the contact record shown in the Contact exhibit. (Click the Contact tab.)

**Power Apps** Humans Fresh > Contacts > Maria Campbell(sample)

Home Recent Pinned Humans Contacts Ratings

Contact: Contact  
**Claire Sherman** Owner  
 Marion Long

Summary Details Related

CONTACT INFORMATION	
First Name *	Claire
Last Name *	Sherman
Address 1: City	Monroe
Mobile Phone *	647-555-5555

Timeline  
 Enter a note...  
 No records to show

You need to ensure that the manager can view contact records owned by someone in the Residences business unit. For each of the following statements, select Yes if the statement achieves the goal. Otherwise, select No.

Statement	Yes	No
Modify the security inheritance.	<input type="radio"/>	<input type="radio"/>
Move the manager to the root Fabrikam business unit.	<input type="radio"/>	<input type="radio"/>
Expand the Read permission of the security role to be Business Unit level.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

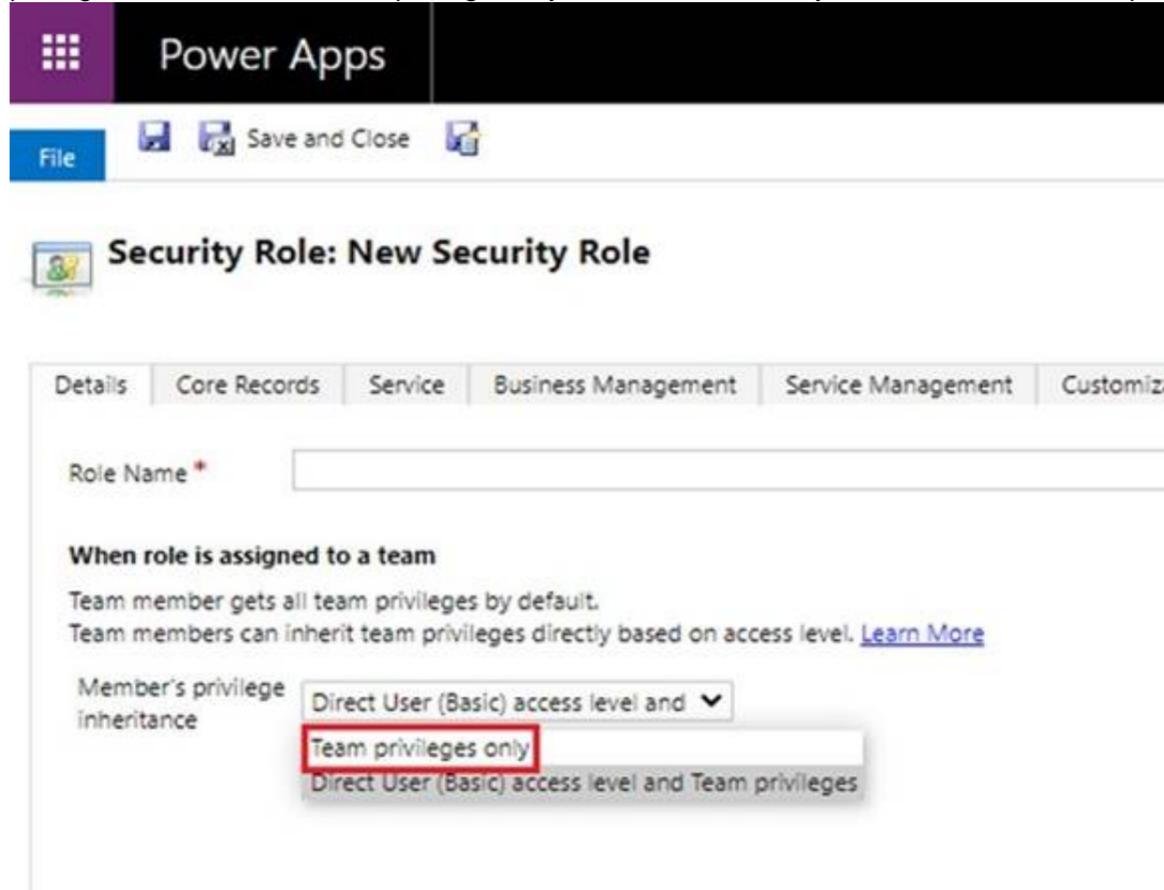
**Answer:** A

**Explanation:**

Box 1: Yes

Change it to Direct User/Basic access level and Team privileges. This creates a security role with team member's privilege inheritance.

Note: For roles assigned to teams with Basic-level access user privilege, the role's inheritance configuration also comes into play. If the team has the Member's privilege inheritance set to Team privileges only, then the user will only be able make use of that privilege for records owned by the team."



Box 2: No

The manager of the Property Management business unit is already a member of a Fabrikam business unit, which has the root security role

Box 3: Yes

**NEW QUESTION 285**

- (Topic 6)

You are developing a Power Apps app to manage records in the Account table in Microsoft Dataverse. You must configure a Web API request to retrieve changes from the table. You need to configure the preference header for the API request. What should you include in the request header?

- A. odata.nextLink
- B. odata-context
- C. odata.deltaLink
- D. odata.track-changes

**Answer:** B

**NEW QUESTION 288**

- (Topic 6)

You are creating a Power Apps app.

The app must retrieve data from an API that requires two-factor authentication. You need to configure authentication.

Which type of authentication should you implement?

- A. Server-to-server
- B. Basic
- C. API key-based
- D. OAuth

**Answer:** D

**NEW QUESTION 293**

- (Topic 6)

You create and deploy a Power Platform solution that includes synchronous plug-ins. Users report performance issues with the solution.

You need to determine whether a plug-in is the cause of the performance issues. Which two tools can you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point-

- A. Microsoft Dataverse Analytics
- B. Solution checker
- C. Tracing
- D. iSV Studio
- E. Data policies

**Answer:** BC

**NEW QUESTION 298**

**DRAG DROP - (Topic 6)**

You need to select the appropriate methods using the Azure Event Grid.

Which method should you use for each requirement? To answer, drag the appropriate methods to the correct requirements. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Methods	Answer Area	
	Requirement	Method
Event handler	Notify the infrastructure team when a new virtual machine is created.	<input type="text"/>
Event sources	Route orders over \$5,000 to the credit department.	<input type="text"/>
Event subscription		
Events		

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Event handler

Event handlers - The app or service reacting to the event.

Box 2: Event subscriptions

Event subscriptions - The endpoint or built-in mechanism to route events, sometimes to more than one handler. Subscriptions are also used by handlers to intelligently filter incoming events.

Note:

There are five concepts in Azure Event Grid that let you get going:

Events - What happened.

Event sources - Where the event took place.

**NEW QUESTION 302**

**DRAG DROP - (Topic 6)**

You have a Microsoft Power Platform solution that includes canvas apps and Power Automate cloud flows. The canvas apps and flows interact with a third-party content

management system (CMS). You store the URL for the CMS version (development or production) in an environment variable.

You deploy the solution to a production environment. You observe that the environment variable references the development URL for the CMS. You update the URL value of the variable directly in the production environment.

You need to assess which environment variable value will be used in the following scenarios.

Which versions of the environment variable will the solution use? To answer, drag the appropriate environment variable versions to the correct scenarios. Each environment variable version may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Environment variable versions	Answer Area	
	Scenario	Environment variable version
Development	Canvas app sessions open during the update.	<input type="text"/>
Production	Canvas app sessions launched after the update.	<input type="text"/>
	Power Automate flows which have been saved after the update.	<input type="text"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Environment variable versions	Answer Area	
	Scenario	Environment variable version
Development	Canvas app sessions open during the update.	Development
Production	Canvas app sessions launched after the update.	Production
	Power Automate flows which have been saved after the update.	Production

**NEW QUESTION 306**

**HOTSPOT - (Topic 6)**

A company is building a new model-driven app.

The app must integrate with a number of on-premises and cloud solutions. No VPNs are in place.

You need to determine the method for each integration.

Which methods should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Integration**

**Method**

Outbound synchronous calls to a third-party Web API service

- Webhook
- Microsoft Flow
- Azure Event Hub
- Azure Service Bus

Calls to and from a website hosted in Azure with high peak loads

- Plug-in
- Webhook
- Azure Event Hub
- Azure Service Bus

Outbound calls to multiple on-premises and cloud systems to notify of customer address changes

- Plug-in
- Azure Event Hub
- Webhook

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Webhook

With Dataverse, you can send data about events that occur on the service to a web app by using webhooks. A webhook is a lightweight HTTP pattern for connecting web APIs and services with a publish-and-subscribe model. Webhook senders notify receivers about events by making requests to receiver endpoints with some information about the events.

Webhooks enable developers and ISVs to integrate Dataverse data with their own custom code hosted on external services.

Box 2: Azure Service Bus

Service Bus provides a secure and reliable communication channel between Dataverse runtime data and external, cloud-based line-of-business apps. This capability is especially useful in keeping disparate Dataverse systems or other Dataverse servers synchronized with business data changes.

Box 3: Azure Event hub

Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.

Note: The most popular approaches in Dataverse involve webhooks, Azure messaging (Service Bus, Event Hubs), Azure Logic Apps, or Power Automate.

**NEW QUESTION 307**

HOTSPOT - (Topic 6)

You are developing a Web API for a company.

You need to implement the appropriate operations to meet the company's requirements. What should you implement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Requirement**

**Operation**

Implement operations that do not have side effects and may support further composition

- Functions
- Actions
- Entities

Implement operations that allow side effects, such as data modification

- Functions
- Actions
- Entities

Implement keyless named structured types that consist of a set of properties

- Complex types
- Entity types
- Enumeration types

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Functions

Box 2: Actions

Box 3: Complex types

Complex types are keyless named structured types consisting of a set of properties. Complex types are commonly used as property values in model entities, or as parameters or return values for operations.

**NEW QUESTION 310**

HOTSPOT - (Topic 6)

You are developing a business process flow.

JavaScript must be used to implement additional business logic in the business process flow.

You need to evaluate the JavaScript code.

What is the result of running each code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

JavaScript code segment	Code Result
<code>formContext.getControl("test_number").setVisible(false);</code>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Hides only the control in the body of the form</li> <li><input type="checkbox"/> Hides only the control in the business process flow</li> <li><input type="checkbox"/> Hides controls in the body of the form and the business process flow</li> </ul>
<code>formContext.data.process.addOnStageChange(testFunction);</code>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Adds an event handler to enable a function named testFunction to run when the business process flow stage changes</li> <li><input type="checkbox"/> Adds an event handler to enable a function named testFunction to run before the business process flow stage changes</li> <li><input type="checkbox"/> Adds an event handler to enable a function named testFunction to run when the business process flow stage is selected</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Hides the control in the body of the form.

The Client API form context (formContext) provides a reference to the form or to an item on the form, such as, a quick view control or a row in an editable grid, against which the current code is executed.

setVisible sets a value that indicates whether the control is visible.

Box 2: Add an event handler to enable a function named TestFunction to run when the business process flow stage changes.

addOnStageChange adds a function as an event handler for the OnStageChange event so that it will be called when the business process flow stage changes.

**NEW QUESTION 311**

DRAG DROP - (Topic 6)

You need to select the appropriate methods using Azure Event Grid.

Which method should you use for each requirement? To answer, drag the appropriate methods to the correct requirements. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Sources	Requirement	Method
<ul style="list-style-type: none"> <li><input type="checkbox"/> Event handler</li> <li><input type="checkbox"/> Event subscription</li> <li><input type="checkbox"/> Event sources</li> <li><input type="checkbox"/> Events</li> </ul>	Notify the infrastructure team when a new virtual machine is created.	<input type="text"/>
	Route orders over \$5,000 to the credit department.	<input type="text"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Event handler

An event handler is the place where the event is sent. The handler takes some further action to process the event.

Box 2: Event subscription

Event subscriptions - The endpoint or built-in mechanism to route events, sometimes to more than one handler. Subscriptions are also used by handlers to intelligently filter incoming events.

**NEW QUESTION 314**

DRAG DROP - (Topic 6)

You are creating a plug-in for a Power Apps app for the human resources department at the company. The app will be used to process new employees and help employees apply for an identification card.

You have the following requirements:

- Applications must not be marked as complete if the employee has not completed mandatory drug screening.
- Add logic that stores the name of the human resources team member that approves an application. This step must be completed before an ID card is created for the applicant.
- Successful validation and ID card printing.

You need to configure the event pipeline. In which stage should you register each step?

To answer, drag the appropriate stages to the correct steps. Each stage may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Stages	Answer Area
PreValidation	
PreOperation	
PostOperation	

Step	Stage
Mandatory drug screening is completed.	
The application is reviewed and approved.	
The ID card is printed.	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Stages	Answer Area
PreValidation	
PreOperation	
PostOperation	

Step	Stage
Mandatory drug screening is completed.	PreValidation
The application is reviewed and approved.	PreOperation
The ID card is printed.	PostOperation

**NEW QUESTION 315**

- (Topic 6)

You create a Power Virtual Agents chatbot in an environment named Environment1. A colleague creates a Power Automate flow in the default solution in the default environment.

The chatbot in Environment1 does not recognize the flow in the default environment. You need to ensure the chatbot can access the flow.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Add the Power Automate flow to a solution in Environment1.
- B. Send a copy of the Power Automate flow from the default environment.
- C. Add the Power Automate flow to a solution in the default environment.
- D. Export the solution from the default environment and import the solution into Environment1.
- E. Share the Power Automate flow from the default environment.

**Answer: AE**

**Explanation:**

E: The flow needs to be shared as it was created by another person.

A: To be available to your bots, flows must be stored in a solution in Power Automate. If you do not want to use the Default Solution for this purpose, you can move your flows to another solution. Reference:

<https://docs.microsoft.com/en-us/power-virtual-agents/environments-first-run-experience>

**NEW QUESTION 318**

- (Topic 6)

You are implementing custom business logic in a Power Apps portal. You need to use Liquid templates to display dynamic content.

To which three entities can you include Liquid code? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Content snippet
- B. Web page
- C. Web template
- D. Page template
- E. Portal settings

**Answer: BCD**

**Explanation:**

Liquid is an open-source template language integrated into portals. It can be used to add dynamic content to pages, and to create a wide variety of custom templates. Using Liquid, you can:

? Add dynamic content directly to the Copy field of a webpage or the content of a content snippet.

? Store source content by using web templates, entirely through configuration within Power Apps, for use throughout the Power Apps portals content management system.

? Render a website header and primary navigation bar, entirely through configuration within Power Apps.

Note: page is one of the available liquid objects. Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-overview>

<https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-objects#page>

**NEW QUESTION 322**

- (Topic 6)

You plan to populate records in a Common Data Service entity containing an option set field. The source system has the label for the option set but not the corresponding integer value. You are using a non .NET programming language. You need to find the integer value for the option set. What should you do?

- A. Use Web API and use a PicklistAttributeMetadata request.
- B. Use the Organization service and execute a RetrieveOptionSetRequest request.
- C. Use Web API and use an InsertOptionValue action.
- D. Use the Organization service and execute a RetrieveAttributeRequest request.

**Answer: B**

**Explanation:**

You can retrieve a global choice (option set) by name (label) using the RetrieveOptionSetRequest message.

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/org-service/metadata-option-sets>

**NEW QUESTION 323**

- (Topic 6)

You are building a custom application in Azure to process resumes for the HR department. The app must monitor submissions of resumes. You need to parse the resumes and save contact and skills information into the Common Data Service. Which mechanism should you use?

- A. Power Automate
- B. Common Data Service plug-in
- C. Web API
- D. Custom workflow activity

**Answer: A**

**Explanation:**

Improve operational efficiency with a unified view of business data by creating flows that use Dataverse (Common Data Service has been renamed to Microsoft Dataverse as of November 2020).

For example, you can use Dataverse within Power Automate in these key ways: Create a flow to import data, export data, or take action (such as sending a notification) when data changes.

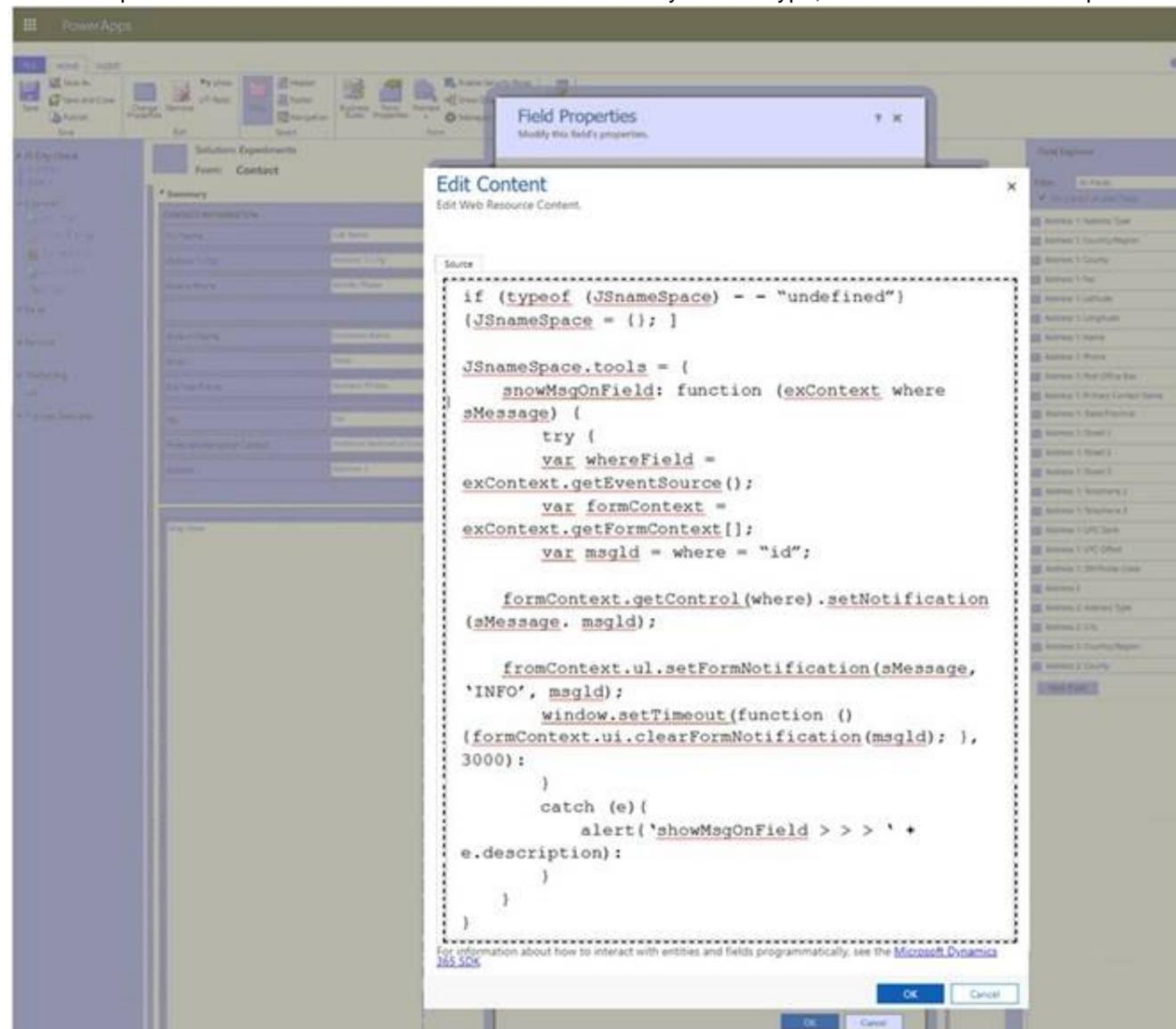
Instead of creating an approval loop through email, create a flow that stores approval state in an entity, and then build a custom app in which users can approve or reject items. Reference:

<https://docs.microsoft.com/en-us/power-automate/common-data-model-intro>

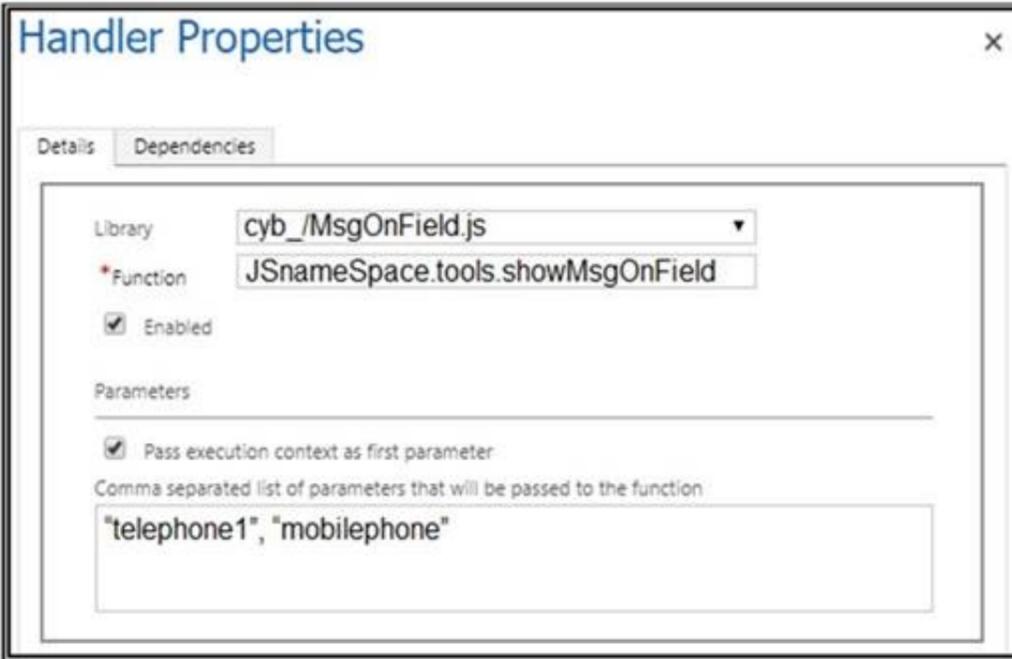
**NEW QUESTION 328**

HOTSPOT - (Topic 6)

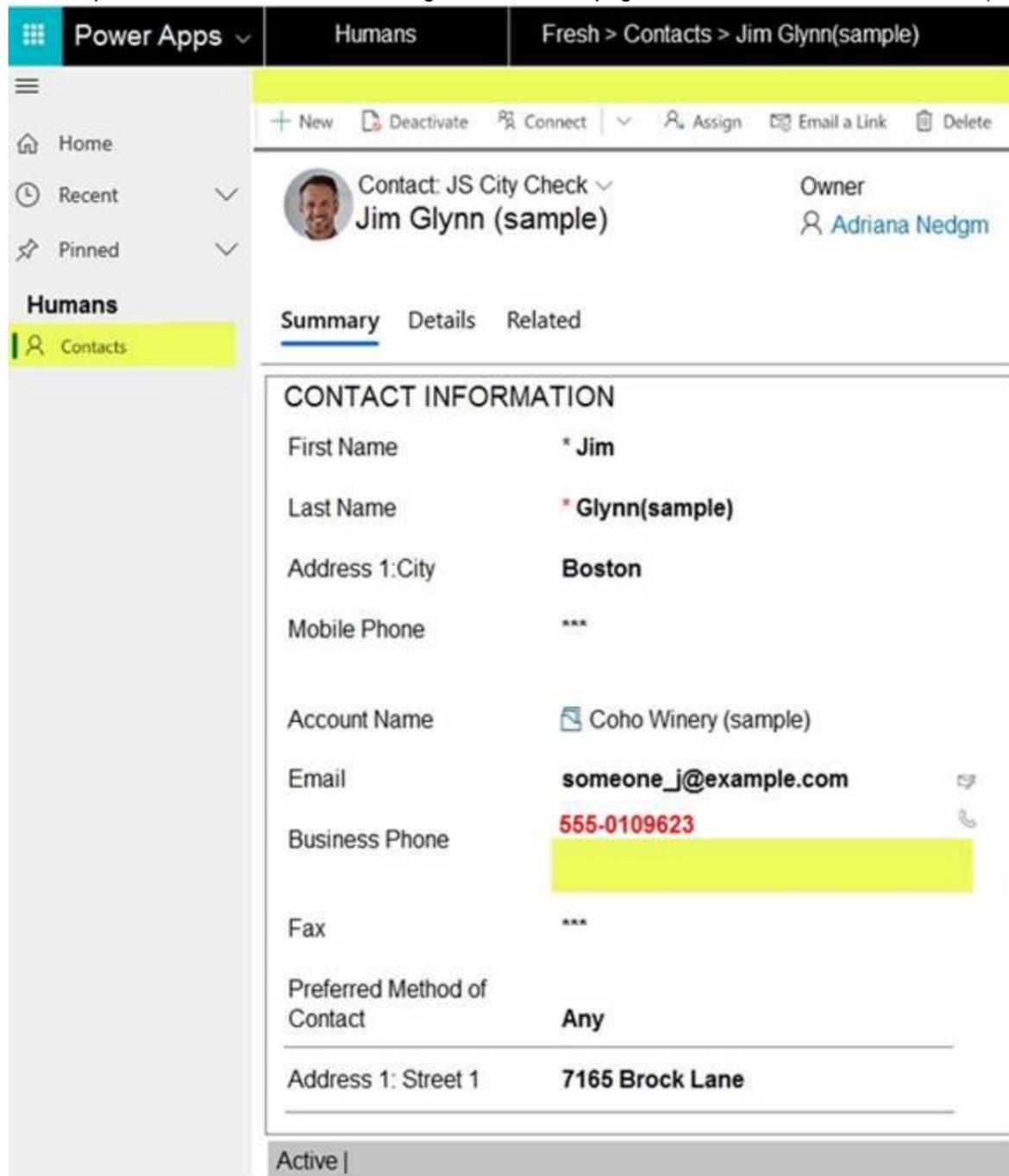
A JavaScript function on a Contact form alerts users to what they need to type, as shown in the JavaScript Code exhibit. (Click the JavaScript Code tab.)



The Business Phone field has the OnChange event handler defined as shown in the Event Handler exhibit. (Click the Event Handler tab.)



Users report that there is incorrect wording on the Contact page, as shown in the Contact exhibit. (Click the Contact tab.)



You need to determine what happens when a user modifies the business phone of a contact record. For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statement	Yes	No
The message "telephone1" shows in the Business Phone notification area.	<input type="radio"/>	<input type="radio"/>
The message "mobilephone" shows in the Business Phone notification area.	<input type="radio"/>	<input type="radio"/>
The message "telephone1" shows in the form notification area.	<input type="radio"/>	<input type="radio"/>
The message "mobilephone" show in the form notification area.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes  
 setNotification displays an error message for the control to indicate that data isn't valid. When this method is used, a red "X" icon appears next to the control. On Dynamics 365 mobile clients, tapping on the icon will display the message.  
 Syntax: formContext.getControl(arg).setNotification(message,uniqueId); Box 2: No  
 Box 3: Yes  
 setFormNotification displays form level notifications. You can display any number of notifications and they will be displayed until they are removed using clearFormNotification.  
 Syntax: formContext.ui.setFormNotification(message, level, uniqueId); Box 4: No

**NEW QUESTION 333**

DRAG DROP - (Topic 6)

You are designing new functionality for an existing model-driven app. A field must display multiple selections to the user, enabling the user to select a value. You need to determine which column type can support the required scenarios. Which column type should you use? To answer, drag the appropriate column types to the correct scenarios. Each column type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Column types	Scenario	Column Type
Global choice	Remove a selection from being available without modifying existing records.	
Lookup	Must be completely deployed by using a solution.	
Global choice and Lookup	Same set of selections can be used on multiple tables.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Column types	Scenario	Column Type
Global choice	Remove a selection from being available without modifying existing records.	Lookup
Lookup	Must be completely deployed by using a solution.	Global choice and Lookup
Global choice and Lookup	Same set of selections can be used on multiple tables.	Global choice

**NEW QUESTION 336**

HOTSPOT - (Topic 6)

You need to design functionality to process background check results. What should you implement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

**Requirement**

Select an implementation pattern

**Implementation option**

	▼
Push	
Pull	
Event-based	

Apply stage changes to Dataverse

	▼
Update	
Upsert	
Alternate key	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1 = Event based Box 2 = Update

**NEW QUESTION 341**

HOTSPOT - (Topic 6)

A company uses a custom Power Platform app to create and manage programs. The company has a public website that uses TLS 1.0. The public website is outside of the corporate domain. The website uses POST requests to save data. You need to automate the transfer of data to the public website. What should you use? To answer, select the appropriate options in the answer area.

**Answer Area**

Step	Action
Move program data to the public website.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Create an Azure Function app</p> <p>Create an asynchronous webhook</p> <p>Create a Power Automate instant cloud flow</p> <p>Create a plug-in that uses a secure connection</p> </div>
Package the program details.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Use the Power Automate HTTP request trigger.</p> <p>Configure a shared access signature for the Azure Function.</p> <p>Register a pre-image for the program create message step in the Plug-in Registration tool.</p> <p>Register a step for the program create message step by using the Plug-in Registration tool.</p> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Create a plug-in Register a step

**NEW QUESTION 342**

HOTSPOT - (Topic 6)

You are developing a model-driven app for the purchasing department of an organization. You provision a new test environment and a security role. You select users to test the apps and assign the users to a security group named TestSG.

If the tests succeed, a manager will perform additional testing in the production environment and then publish the app for the organization's purchasing department.

You need to ensure that the test and production environments are configured correctly.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Scenario	Security artifact
Ensure that only test users can access the test environment.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Set the test environment security group to TestSG.</p> <p>Assign the test users the app security role.</p> <p>Set the test environment security group to TestSG and assign test users the app security role.</p> </div>
Ensure that only the manager can access the app in production.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Set the production environment security group to TestSG.</p> <p>Assign the manager the app security role.</p> <p>Add the manager to the TestSG security group and grant the manager the app security role.</p> </div>
Ensure that test users can access the app in production.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Set the production environment security group to TestSG.</p> <p>Assign the test users the app security role.</p> <p>Set the production environment security group to TestSG and assign test users the app security role.</p> </div>
Ensure that purchasing department users can access the test environment.	<div style="border: 1px solid black; padding: 2px;"> <p>▼</p> <p>Remove the security group TestSG associated with the test environment.</p> <p>Assign all users the app security role.</p> <p>Add all users in the department to the TestSG security group.</p> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Set the test environment security group to TestSG and assign test users the app security role.

PowerApps apps use role-based security for sharing. The fundamental concept in role-based security is that a security role contains privileges that define a set of actions that can be performed within the app. All app users must be assigned to one or more predefined or custom roles.

Box 2: Assign the manager the app security role.

Box 3: Set the production environment security group to TestSG Box 4: Add all users in the department to the TestSG security group.

**NEW QUESTION 347**

- (Topic 6)

A company develops a new Microsoft Dataverse plug-in that manages the Update message of an entity. The plug-in logic requires access to the record columns before the operation starts and must compare the columns to post-update values. You need to modify the design of the solution to access the information. What should you do?

- A. Add the code to the plug-in to read the record from the InputParameters collection.
- B. Register a pre-image by using the Plug-in Registration Tool
- C. Add the code to the plug-in to read the image from the PreEntityImages collection.
- D. Register a post-image by using the Plug-in Registration Tool
- E. Add the code to the plug-in to read the image from the PostEntityImages collection.
- F. Add the code to the plug-in to query the data from Dataverse by using the API call based on the record ID.

**Answer: B**

**NEW QUESTION 349**

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