



# Microsoft

## Exam Questions PL-400

Microsoft Power Platform Developer

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NEW QUESTION 1

DRAG DROP - (Topic 2)

You need to identify why employees are not receiving notification that nine customers are checked in and waiting in the repair area.

Which components should you test for each step? To answer, drag the appropriate components to the correct steps. Each component 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.

Components	Step	Component
action	outbound text	
condition	nine customers in the store	
expression	number of customers in the store	
data operation		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.

Box 1: action

Box 2: condition

Box 3: data operation

NEW QUESTION 2

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	
Power Automate	Customer survey	
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 3

- (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 4**

- (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 5

HOTSPOT - (Topic 1)

You need to correct the portal query issues.

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

NOTE: Each correct selection is worth one point.

Portal issue	Code change
New registrations	<div><div>▼</div><div>GET [Organization URI]/api/data/v9.1/accounts?\$select=name, sport</div><div>GET [Organization URI]/api/data/v9.1/accounts?\$apply=name, sport</div><div>GET [Organization URI]/api/data/v9.1/accounts?\$filter=name, sport</div></div>
All registered users	<div><div>▼</div><div>\$apply=groupby(sport ne null)</div><div>\$filter = name, sport</div><div>\$orderby = name, sport</div></div>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Scenario: The query for all registered users must return the data categorized by division. Queries must return only the Name and Sport fields. Queries return all fields. The query is as follows:

```
GET [Organization URI]/api/data/v9.1/accounts?
&$orderby=Name, sport
&$filter=sport ne null
```

Box 1: GET ..\$select=name, sport

Use select to return only the Name and Sport fields.

Box 2: \$apply(groupby(sport ne null)) Categorize by division, that is to sports.

### NEW QUESTION 6

- (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 7

- (Topic 1)

You need to configure the system to support automation for referrals.

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

NOTE: Each correct selection is worth one point.

- A. Azure Function that uses the Discovery service
- B. workflow extension
- C. Azure Function that uses a listener
- D. Power Automate flow

**Answer:** CD

#### Explanation:

<https://docs.microsoft.com/en-us/dotnet/api/system.io.filesystemwatcher> <https://docs.microsoft.com/en-us/power-automate/>

#### NEW QUESTION 8

- (Topic 1)

You need to add the script to populate event data on the form. Which code segment should you use?

- A. `formContext.data.addOnLoad(myFunction)`
- B. `formContext.data.removeOnLoad(myFunction)`
- C. `formContext.data.entity.addOnSave(myFunction)`
- D. `addOnPreProcessStatusChange`
- E. `formContext.data.isValid()`

**Answer:** A

#### NEW QUESTION 9

- (Topic 1)

You need to add the script for the registration form event handling. Which code segment should you use?

- A. `formContext.data.entity.addOnSave(myFunction)`
- B. `formContext.data.addOnLoad(myFunction)`
- C. `formContext.data.removeOnLoad(myFunction)`
- D. `addOnPreProcessStatusChange`
- E. `formContext.data.isValid()`

**Answer:** B

#### Explanation:

Scenario: Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

`addOnLoad` adds event handlers to the Subgrid `OnLoad` event event. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/grids/gridcontrol/addonload>

#### 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								
<div>Set visibility action to No.</div>	<table><thead><tr><th>Role</th><th>Business rule action</th></tr></thead><tbody><tr><td>Weight</td><td><div>Business rule action</div></td></tr><tr><td>Age</td><td><div>Business rule action</div></td></tr><tr><td>Height</td><td><div>Business rule action</div></td></tr></tbody></table>	Role	Business rule action	Weight	<div>Business rule action</div>	Age	<div>Business rule action</div>	Height	<div>Business rule action</div>
Role	Business rule action								
Weight	<div>Business rule action</div>								
Age	<div>Business rule action</div>								
Height	<div>Business rule action</div>								
<div>Set Lock/Unlock action to Lock</div>									
<div>Set Field Value action to No.</div>									
<div>Set Business Required action to Business Required</div>									

- 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 10

- (Topic 2)

You need to modify Microsoft flow to resolve CustomerCs issue. What should you do?

- A. Add a data operation that specifies the false conditions.
- B. Add a configure run that is set to Is successful.
- C. Add a timeout setting to the approval flow.
- D. Add b condition containing approval hierarchy.

**Answer:** C

#### Explanation:

Scenario: CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later. Imagine having a process where you want to give someone a couple of days to reply to an approval. If that someone doesn't respond in time, you want to assign a new approval to another person or group of people. To achieve this you can set the timeout in the action settings.

Reference:

<https://www.o365dude.com/2018/06/02/timeout-flow-approvals/>

#### NEW QUESTION 14

HOTSPOT - (Topic 3)

You need to configure the fields with the appropriate type.

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

Field	Type
Doctor's name field on customer record	<div>▼</div> <div> Lookup  Calculated  Text  Option set </div>
Auto-populate Refill date field	<div>▼</div> <div> Rollup  Calculated  Currency  Whole Number </div>
Doctor's name field in Doctor's entity	<div>▼</div> <div> Text  LookUp  Image  Option set </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Lookup

Fields for the doctor's name and phone number must be displayed in the customer record. Lookup: A field that allows setting a reference to a single record of a specific type of entity.

Box 2: Calculated

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Calculated field: Contains calculations that use fields from the current entity or related parent entities.

Box 3: Text

Field data type: Single Line of Text:

This field can contain up to 4,000 text characters. You can set the maximum length to be less than this. This field has several format options that will change the presentation of the text. These options are Email, Text, Text Area, URL, Ticker Symbol, and Phone.

#### NEW QUESTION 16

- (Topic 3)

You need to create the customer mobile app. Which type of function expression should you use?

- A. Filter
- B. Find
- C. LookUp

Answer: C

Explanation:

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.

Reference:

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

NEW QUESTION 21

- (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 24

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

System Administrator

System Customizer

Common Data Service User

Environment Maker

Answer Area

User	Security role
UserA	Security role
UserB	Security role
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 26

DRAG DROP - (Topic 3)

You need to assign the minimum environment 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

System Administrator

System Customizer

Common Data Service User

Environment Maker

Answer Area

User	Security role
UserA	Security role
UserB	Security role
UserC	Security role
All employees	Security role

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Common Data Service User

UserA must be able to create and publish PowerApps apps.

Common Data Service directly against your core business data already used within Dynamics 365 without the need for integration.

- ? Build Apps against your Dynamics 365 Data
- ? Manage reusable Business logic and rules
- ? Reusable skills across Dynamics 365 and Power Apps

Box 2: Environment Maker

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

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

Box 3: System Administrator

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

System Administrator is the highest level role which encompasses all the privileges and has over-riding rights. The System Administrator has the authority to allow and remove access of other users and define the extent of their rights. For example, the System Administrator and the System Customizer are given access to custom entities by default while all other users need to be given access. This is the only role that cannot be edited.

Box 4: System Customizer

End users must have minimum access to the required systems. Sales users must only have access to their own records.

The System Customizer role is similar to the System Administrator role which enables non- system administrators to customize Dynamics 365. A Customizer is a user who customizes entities, attributes and relationships.

NEW QUESTION 30

- (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 32

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 33

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	Function	Process
Power Automate	Create a Slack notification from a lead.	
Business rule	Change the priority field.	
Business process flow	Ensure appropriate information is added to leads	

- A. Mastered  
B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Power Automate

Ensure that notifications are sent to the sales team when a lead is added by using Slack

Power Automate is a service that helps you create automated workflows between your favorite apps and services to synchronize files, get notifications, collect data, and more.

Box 2: Business rule

A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an account record is created.

A field named Priority\_Trigger must be created to trigger the Priority field.

Business rules provide a simple interface to implement and maintain fast-changing and commonly used rules.

Box 3: Business process flow

Ensure that leads have a review stage added to the sales process.

Use business process flows to define a set of steps for people to follow to take them to a desired outcome. These steps provide a visual indicator that tells people where they are in the business process.

### NEW QUESTION 36

HOTSPOT - (Topic 5)

You need to configure security for the Azure Function and custom connector.

Which security tool should you configure for each item? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Item	Security
Azure Function	<div>Function key</div> <div>Anonymous</div> <div>Function key</div> <div>Azure Active Directory</div>
Custom connector	<div>OAuth 2.0</div> <div>API Key</div> <div>OAuth 2.0</div> <div>Basic authentication</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Item	Security
Azure Function	<div>Function key</div> <div>Anonymous</div> <div>Function key</div> <div>Azure Active Directory</div>
Custom connector	<div>OAuth 2.0</div> <div>API Key</div> <div>OAuth 2.0</div> <div>Basic authentication</div>

NEW QUESTION 41

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	Configuration
When a row is added, modified, or deleted trigger with Change Type.	<div>Added or Modified</div> <div>Added</div> <div>Modified</div> <div>Added or Modified</div>
Update a row connection type.	<div>Service principal</div> <div>API key</div> <div>User account</div> <div>Service principal</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement	Configuration
When a row is added, modified, or deleted trigger with Change Type.	<div>Added or Modified</div> <div>Added</div> <div>Modified</div> <div>Added or Modified</div>
Update a row connection type.	<div>Service principal</div> <div>API key</div> <div>User account</div> <div>Service principal</div>

#### NEW QUESTION 44

- (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 46

- (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 50

- (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 55

- (Topic 6)

You are creating a canvas app to retrieve user sign in information from Microsoft Entra ID when someone searches for information about an end user.

You create an Azure Function to retrieve the required information by using JSON. You need to ensure that the application functions correctly.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Use Azure Service Bus.
- B. Use app designer in the Power Platform admin center.
- C. Create a custom connector by using the Azure Function API
- D. Create a Power Automate flow to import data.
- E. Create an API definition for the Azure Function.

**Answer:** CE

#### NEW QUESTION 57

- (Topic 6)



A customer wants to design a complex business process flow that includes six custom entities and four stages for each entity. One of the stages will have 15 steps.

You need to explain the flaw in this design to the customer. What is the flaw in this design?

- A. The maximum number of custom entities has been exceeded.
- B. The maximum number of steps for a stage has been exceeded.
- C. The maximum number of stages for an entity has been exceeded.
- D. The minimum number of stages for an entity has not been met.
- E. The minimum number of steps for a stage has not been met.

**Answer:** A

**Explanation:**

Maximum number of processes, stages, and steps:

To ensure acceptable performance and the usability of the user interface, there are some limitations you need to be aware of when you plan to use business process flows:

? Multi-entity processes can contain no more than five entities.

? There can be no more than 10 activated business process flow processes per entity.

? Each process can contain no more than 30 stages.

Reference:

<https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview>

**NEW QUESTION 59**

- (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 form properties of the consolidated form, add the JavaScript library in the events tab and add the two custom fields to the dependent fields section of the non-event dependencies tab.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead, in the JavaScript library, add Building code with Code date and Work item with Elapsed time in the dependencies tab.

Reference:

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

**NEW QUESTION 60**

- (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 61**

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

- 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 62

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.

Applications

Power Virtual Agents

Power Pages

Power Automate

Power App

Answer Area

Requirement	Application
Use a bot on the website.	
Create Bot Framework skills.	
Create support request from the bot.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Applications

Power Virtual Agents

Power Pages

Power Automate

Power App

Answer Area

Requirement	Application
Use a bot on the website.	Power Pages
Create Bot Framework skills.	Power App
Create support request from the bot.	Power Virtual Agents

NEW QUESTION 66

- (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 once 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 query string parameter for the data parameter. Does the solution meet the goal?

A. Yes  
B. No

Answer: A

**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-querysting-parameters>

NEW QUESTION 67

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.

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 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 69

HOTSPOT - (Topic 6)

A company must copy customer account data changes from a Common Data Service (CDS) instance into an external system. Azure Storage Queues are used to pass the changes from CDS to the external system. You have the following code. (Line numbers are included for reference only.)



```
01 string token = null;
02 token = ProcessAccountChanges(_service, token, changeQueue, deleteQueue);
03 ...
04 token = ProcessAccountChanges(_service, token, changeQueue, deleteQueue);
05 ...
06 private static string ProcessAccountChanges(IOrganizationService orgservice,
string token, Cloud Queue changeQueue, CloudQueue deleteQueue)
07 {
08     var request = new RetrieveEntityChangeRequest();
09     request.EntityName = "account";
10     request.Columns = new ColumnSet("name", "accountnumber", "creditlimit",
"ownerid");
11     request.DataVersion = token;
12     RetrieveEntityChangeResponse response = (RetrieveEntityChangeResponse)
orgservice.Execute(request);
13     token = response.EntityChanges.DataToken;
14     foreach (var change in response.EntityChanges.Changes)
15     {
16         if (change.Type == ChangeType.NewOrUpdated)
17         {
18             var changedItem = (NewOrUpdatedItem) change;
19             Entity newOrChangedEntity = (Entity) changedItem.NewOrUpdatedEntity;
20             CloudQueueMessage changemessage = new CloudQueueMessage
(newOrChangedEntity.Id.ToString());
21             changeQueue.AddMessage(changemessage);
22         }
23         else if (change.Type == ChangeType.RemoveOrDeleted)
24         {
25             var deleteditem = (RemoveOrDeletedItem) change;
26             EntityReference deletedEntityReference = deleteditem.RemovedItem;
27             CloudQueueMessage deletemessage = new CloudQueueMessage
(deletedEntityReference.Id.ToString());
28             deleteQueue.AddMesaage(deletemessage);
29         }
30     }
31     return token;
32 }
```

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 first call to ProcessAccountChanges at line 2 adds changes made to account records to the storage queues.	<input type="radio"/>	<input type="radio"/>
The second call to ProcessAccountChanges at line 4 adds changes made to account records to the storage queues.	<input type="radio"/>	<input type="radio"/>
The messages in changeQueue specify whether the accounts are new or updated.	<input type="radio"/>	<input type="radio"/>
A message is added to deleteQueue if an account is created and subsequently deleted at line 3.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

Box 2: Yes

Box 3: No

Either new/updated or removed/deleted.

Box 4: Yes

#### NEW QUESTION 70

- (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 75

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", "C0-555");
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 76

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.	<div><div></div><div>DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)</div></div>
Select the data type for delivery that has additional transformations applied before the data is displayed.	<div><div></div><div>Autonumber Phone number Customer Currency Duration</div></div>

- 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 78

- (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 80

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 84

HOTSPOT - (Topic 6)  
You need to configure the address verification API.  
Which values should you use? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.



Answer Area

Property	Value
Address validation message	<div><div></div><div>Update</div><div>Execute</div><div>northwind_ValidateAddress</div></div>
Execution mode	<div><div></div><div>Synchronous</div><div>Asynchronous</div><div>Post-Operation</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1 = northwind\_ValidateAddress Box 2 = Synchronous

NEW QUESTION 88

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

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.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

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.

Answer Area

Open form F1 and save it as a form named **F2**.

Remove the business role from form F2.

Create a business rule for form F2 to make the phone number optional for resellers.

NEW QUESTION 89

- (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 90**

- (Topic 6)

A company has an application that provides API access. You plan to connect to the API from a canvas app by using a custom connector.

You need to request information from the API developers so that you can create the custom connector.

Which two types of files can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. YAML
- B. WSDL
- C. OpenAPI definition
- D. Postman collection

**Answer:** CD

**Explanation:**

OpenAPI definitions or Postman collections can be used to describe a custom connector. Reference:

<https://docs.microsoft.com/en-us/connectors/custom-connectors/faq>

**NEW QUESTION 92**

- (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 95**

HOTSPOT - (Topic 6)

An organization has a custom Assignments entity that guides agent actions. Team leaders for each assignment group must be able to review any changes made to assignment data by their agents.

You have the following JSON segment:



```
{
  "@odata.context": "https://orgxyz.api.crm3.dynamics.com/api/data/v9.1/$metadata#xyz_assignments
(xyz_assignmentname,xyz_secretcode)",
  "@odata.deltaLink": "https://orgxyz.api.crm3.dynamics.com/api/data/v9.1/xyz_assignments?
$select=xyz_assignmentname,
  xyz_secretcode&$deltatoken=652832%2107%2f20%2f2020%2017%3a21%3013",
  "value": [
    {
      "@odata.etag": "W/\"652815\"",
      "xyz_assignmentname": "spy007",
      "xyz_secretcode": "abc",
      "xyz_assignmentid": "a278f39e-a7ca-ea11-a812-000d3af45c52"
    },
    {
      "@odata.etag": "W/\"652816\"",
      "xyz_assignmentname": "agent007",
      "xyz_secretcode": "123",
      "xyz_assignmentid": "1e110eac-a7ca-ea11-a812-000d3af45c52"
    }
  ]
}
```

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
You can use the JSON segment to retrieve a list of changes to the assignment records referenced in the segment.	<input type="radio"/>	<input type="radio"/>
You can use the data link to query the assignment changes from the last 30 days.	<input type="radio"/>	<input type="radio"/>
You can use the data link with a \$filter option to retrieve assignment changes from the last 30 days.	<input type="radio"/>	<input type="radio"/>
Is the delta link token valid?	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

Delta query lets you query for additions, deletions, or updates to users, by way of a series of delta function calls. Delta query enables you discover changes to users without having to fetch the entire set of users from Microsoft Graph and compare changes.

Box 2: No

Tracking user changes

Tracking user changes is a round of one or more GET requests with the delta function. You make a GET request much like the way you list users, except that you include the following:

The delta function.

A state token (deltaToken or skipToken) from the previous GET delta function call.

Delta tokens are only valid for a specific period before the client application needs to run a full synchronization again. For directory objects (application, administrativeUnit,

directoryObject, directoryRole, group, orgContact, oauth2permissiongrant, servicePrincipal, and user), the limit is 7 days.

Box 3: No

There is limited support for \$filter:

The only supported \$filter expression is for tracking changes on a specific object:

\$filter=id+eq+{value}. Box 4: Yes

**NEW QUESTION 99**

- (Topic 6)

You need to resolve the address validation API error. Which method should you use to connect?

- A. an Azure function triggered by a webhook  
B. JavaScript code  
C. a custom connector used in a cloud flow  
D. a plug-in attached to a custom action called from JavaScript

**Answer:** C

**NEW QUESTION 101**

HOTSPOT - (Topic 6)

You create a Power Platform solution to track purchasing requirements for bills of material (BOMs) and their subcomponents.

The solution must meet the following requirements:

? Ensure that the BOMs are enabled to include the necessary subcomponents.  
? Report changes to the BOMs or their sub-components that are made by engineers.  
You need to configure the solution.  
What should you do to meet each requirement? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Requirement	Action
Ensure the BOMs can include necessary subcomponents.	<div><div></div><div>Configure entity relationships. Configure Quick View. Configure environment variables.</div></div>
Report who changed the BOM records and when the changes were made.	<div><div></div><div>Configure entity change tracking. Configure entity auditing. Configure environment variables.</div></div>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Configure entity relationship Box 2: Configure entity change tracking

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. Previously, without this new feature, it was difficult to build a reliable and efficient mechanism to determine what records had changed in Dataverse.

**NEW QUESTION 104**

- (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-plugin-in>

**NEW QUESTION 105**

DRAG DROP - (Topic 6)

You are a Power Platform developer. Users report several access issues.

You need to resolve the user access issues.

What 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	Answer Area	
	Issues	Security option
<div>DLP policy</div>	A user is not able to sign into a Power Apps app from home.	<div>Security option</div>
<div>GDPR compliance</div>		
<div>Conditional access</div>	A user is not able to use a social media connector in a flow that uses the Microsoft Teams connector.	<div>Security option</div>
<div>Exfiltration blocking</div>		
	A user is not able to forward email messages to an address in another domain.	<div>Security option</div>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Conditional access

You can limit access to users with block access by location to reduce unauthorized access. By using Conditional Access policies, you can apply the right access controls when needed to help keep your organization secure and stay out of your user's way when not needed. Conditional Access analyses signals such as user, device, and location to automate decisions and enforce organizational access policies for resources.

Box 2: DLP policy

DLP policies enforce rules for which connectors can be used together by classifying connectors as either Business or Non-Business. If you put a connector in the Business group, it can only be used with other connectors from that group in any given app or flow. Sometimes you might want to block the usage of certain connectors altogether by classifying them as Blocked.

Box 3: Exfiltration blocking

Email exfiltration controls for connectors

Microsoft Exchange enables admins to disable email autoforwards and autoreplies to remote domains for external recipients. Exchange does this by using message-type headers, such as Auto Forward received from Outlook and Outlook on web clients.

**NEW QUESTION 106**

- (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 Building code form, add the JavaScript library in the events tab and the Code date field to the non-event dependencies.

? In the Work item form, add the JavaScript library in the Events tab and the Elapsed time field to the non-event dependencies. Does the solution meet the goal?

- A. Yes  
B. No

**Answer:** B

**Explanation:**

Instead, in the JavaScript library, add Building code with Code date and Work item with Elapsed time in the dependencies tab.

Reference:

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

**NEW QUESTION 107**

- (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 once 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

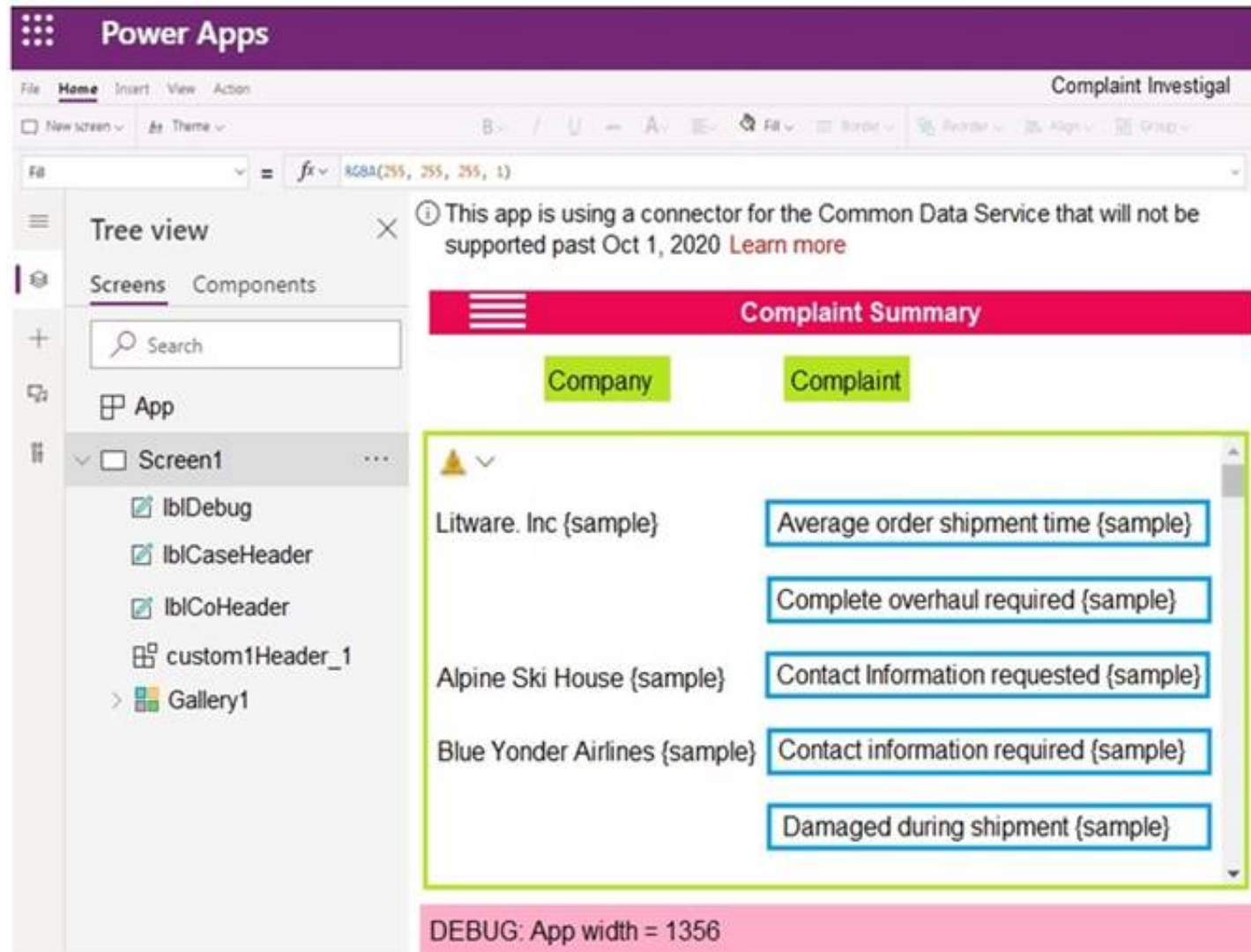
Reference:

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

#### NEW QUESTION 110

HOTSPOT - (Topic 6)

You open a canvas app in edit mode. A warning message displays as shown in the graphic.



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.

You need to troubleshoot the warning. What should you do?

	▼
Navigate to Solution checker and view results.	
Navigate to App checker and expand the Formulas section.	
Navigate to Advanced Tools and open the Monitor.	
Navigate to Connections and add a new connection.	

Which component should you troubleshoot?

	▼
App	
Screen1	
customHeader_1	
Gallery1	

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Box 1: Navigate to Connections and add a new connection

Error message: This app is using a connector for the Common Data Service will not be supported past Oct 1, 2020.

To convert your app that uses the Common Data Service 365 connector, you'll need to remove and add the connections to your data sources.

Box 2: Gallery1

#### NEW QUESTION 114



- (Topic 6)

You enable change tracking on the Account table in Microsoft Dataverse. You plan to use the Organization Service to retrieve the delta data by using C#. You need to determine which message to use. What should you use?

- A. UpdateEntityRequest
- B. RetrieveEntityChangesRequest
- C. odata.track-changes
- D. RetrieveAttributeRequest
- E. UpdateRequest

**Answer:** C

#### NEW QUESTION 116

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**

Accounts receivable

Bing maps

**Security type**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Security types**

OAuth 2.0

Basic authentication

API key

No authentication

**Answer Area**

**External system**

Accounts receivable

Bing maps

**Security type**

OAuth 2.0

API key

#### NEW QUESTION 120

- (Topic 6)

You create a Power Apps app that integrates with Dynamics 365 Customer Service.

You update the app and run solution checker on the original solution. You receive an error stating solution checker cannot export the solution.

You need to determine the primary cause for the issue. What is the primary cause?

- A. The original solution is locked because there is a dependent patch.
- B. The solution was not exported before running solution checker.
- C. The environment is an Administrator mode.
- D. Solution checker cannot check default solutions.

**Answer:** A

**Explanation:**

Solution checker fails to export patched solutions.

If a solution has had a patch applied, Solution Checker will fail to export the solution for analysis. When a solution has had a patch applied, the original solution becomes locked and it can't be changed or exported as long as there are dependent patches that exist in the organization that identify the solution as the parent solution.

To resolve this issue, clone the solution so that all patches related to the solution are rolled into the newly created solution. This unlocks the solution and allows the solution to be exported from the system.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutionssolution-checker#solution-checker-fails-to-export-solutions-with-model-driven-app-components>

#### NEW QUESTION 123

DRAG DROP - (Topic 6)

A company is creating a new system based on Common Data Service. You need to select the features that meet the company's requirements.

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

requirements. Each 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.

Options	Answer Area	
	Requirement	Option
<input type="text" value="connection"/>	Visualize records as a hierarchy in a model-driven app.	<input type="text" value="Option"/>
<input type="text" value="one-to-many relationship"/>	Associate a record with other records in multiple entities.	<input type="text" value="Option"/>
<input type="text" value="many-to-many relationship"/>	Records in one entity must be able to reference only a single record in another entity.	<input type="text" value="Option"/>
<input type="text" value="self-referential relationship"/>	Any record in one entity must be able to be referenced by any record in another entity.	<input type="text" value="Option"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: self-referential relationship

Box 2: connection

There are other less formal kinds of relationships between records that are called connections. For example, it may be useful to know if two contacts are married, or perhaps they are friends outside of work, or perhaps a contact used to work for another account. Most businesses won't generate reports using this kind of information or require that it is entered, so it's probably not worthwhile to create entity relationships.

Box 3: one-to-many relationship Box 4: many-to-many relationship

NEW QUESTION 125

- (Topic 6)

You are developing a model-driven app. The app uses data from two custom tables. The tables have a parent-child relationship. The parent record form contains a subgrid that displays the child records.

When creating a new child record from the parent form, data must automatically populate in the child record form to reduce data input errors.

You need to implement the solution. What should you do?

- A. Use a Power Automate flow to read data from the parent record and update the child record upon creation.
- B. Map table columns from the parent record to the child record.
- C. Create a business rule that sets the default values on the child record fields to values from the parent record.
- D. Include a quick view form on the child record showing the data from the parent record.

Answer: B

Explanation:

A subgrid exists within a main form and let app users view data within a Dataverse table, typically related to the record currently being reviewed.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/sub-grid-properties- legacy>

NEW QUESTION 127

- (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 129

DRAG DROP - (Topic 6)

You are creating a business process flow for an organization's Request for Quote process. You need to ensure that the business process flow meets the company's requirements.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes to scroll to view content. Select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Components	Requirement	Component
Step	The process starts with the receipt of the request for quote.	
Stage	Ensure that credit checks are performed for new users only.	
Custom control		
Branching condition	Merge all process paths into the main flow.	

- A. Mastered  
B. Not Mastered

Answer: A

**Explanation:**

Box 1: Step

Each step represents a field where data can be entered.

Stages tell you where you are in the process, while steps are action items that lead to a desired outcome.

Box 2: Branching condition

You can enhance a business process flow with branching. If you have the create permissions on business process flows, you'll be able create business process flow with multiple branches by using the If-Else logic.

Box 3: Stage

Each stage contains a group of steps.

**NEW QUESTION 130**

HOTSPOT - (Topic 6)

A training company implements a Common Data Service (CDS) environment. The company has created and stores information about courses in a custom entity.

A Power Automate flow must be created whether a course has been created that starts within the next seven days and must be accurate to the minute.

You need to define an expression that meets the requirements.

Which functions should you use for the expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

less  
ticks  
triggerBody  
getFutureTime

(formatDateTime(

less  
ticks  
triggerBody  
getFutureTime

)?['new coursedate'],  
'yyyy-MM-ddTHH:MM:ssZ') ),

(

less  
ticks  
triggerBody  
getFutureTime

(7, 'Day'))

)

A. Mastered  
B. Not Mastered

Answer: A

**Explanation:**

Box 1: less

less checks whether the first value is less than the second value. Return true when the first value is less, or return false when the first value is more.

Box 2 : ticks

ticks(timestamp: string) - Returns the number of ticks (100 nanoseconds interval) since 1 Jan 1601 00:00:00 UT

Syntax: ticks('<timestamp>')

Box 3: triggerBody

triggerBody returns a trigger's body output at runtime. Box 4: ticks

Box 5: getFutureTime

getFutureTime return the current timestamp plus the specified time units. Syntax: getFutureTime(<interval>, <timeUnit>, <format>?)

**NEW QUESTION 134**

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**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><div></div><div>create</div><div>associate</div><div>update</div></div>
primary entity	<div><div></div><div>none</div><div>country</div><div>contact</div></div>
secondary entity	<div><div></div><div>none</div><div>country</div><div>contact</div></div>
execution mode	<div><div></div><div>synchronous</div><div>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 135**  
- (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 139**  
**DRAG DROP - (Topic 6)**  
A company uses Dynamics 365 Sales.  
Sales commission must be calculated when an order is placed. You create an Azure Function to perform the calculation. The Azure Function has an HTTP trigger.  
You need to configure the Plug-in Registration tool to send data to the Azure Function when an order is placed. You open the Plug-in Registration tool and connect to Dynamics 365 Sales.  
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
Select <b>Register New Web Hook</b> .	
Select <b>Register New Service Endpoint</b> .	
Set authentication to <b>HttpHeader</b> .	<div><div></div></div>
Register a New Step for Create of SalesOrder.	<div><div></div></div>
Enter a connection string.	
Enter the endpoint URL.	

- A. Mastered
- B. Not Mastered

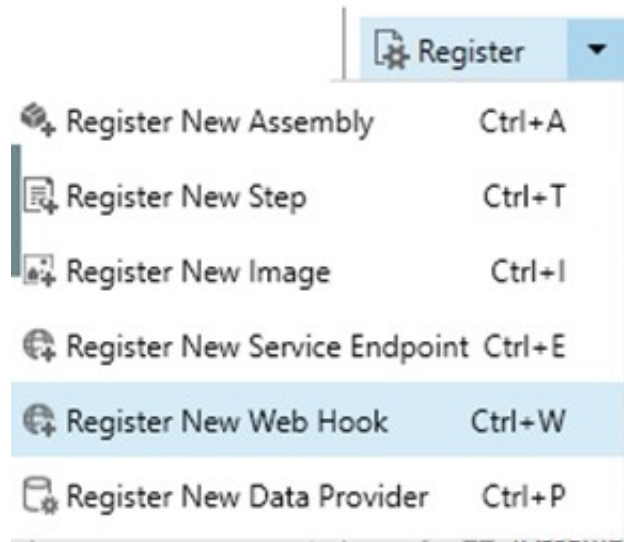
**Answer:** A

**Explanation:**

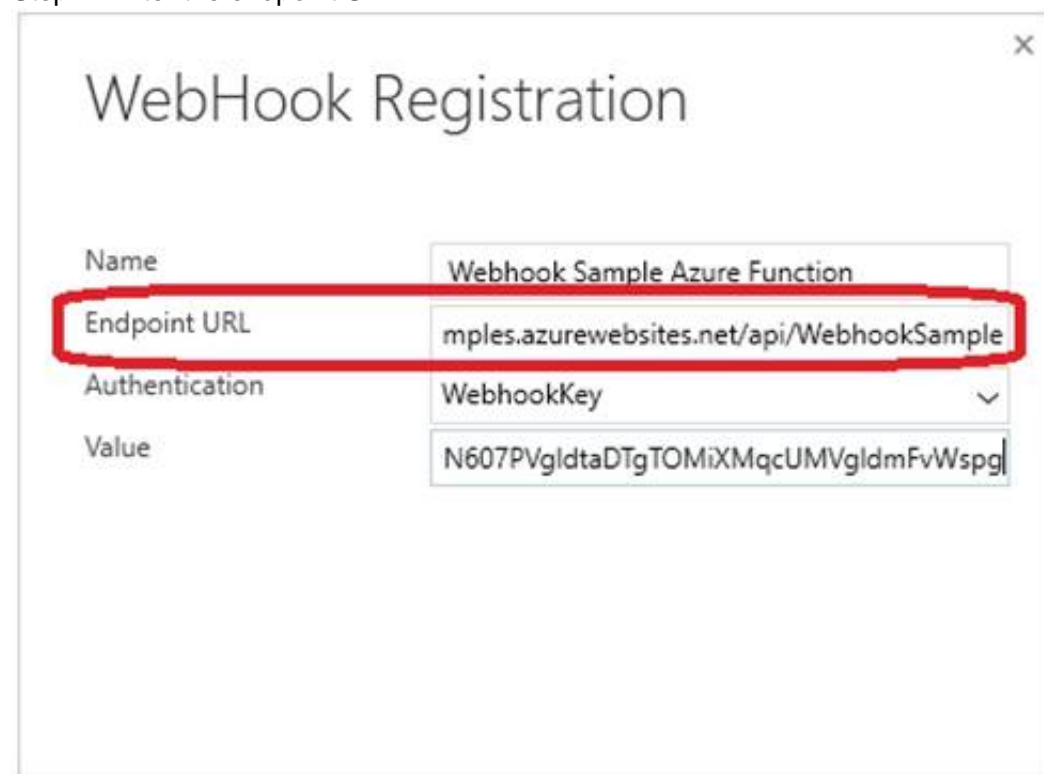
Step 1: Select Register New Web Hook.

Configure Dynamics 365 Sales to Call Your Webhook in Azure Functions

- \* 1. Open the Plug-in Registration Tool and connect to your organization.
- \* 2. Select Register->Register New Web Hook



Step 2: Enter the endpoint URL



Step 3: Register a New Step for Create of SalesOrder.

Register a new webhook, and then tie that webhook to an event in Dynamics 365 Sales. Select your newly registered webhook, right-click it, and then choose "Register New Step."

Note that the webhook here is set to execute whenever a change to an account record is detected within Dynamics 365 Sales.

**NEW QUESTION 144**

- (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 once 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: Configure the Azure Function with a timer trigger that runs every five minutes. The function will query the Common Data Service and process records created in the last five minutes.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead use Azure Service Bus queue solution with asynchronous communication. Reference:

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

**NEW QUESTION 148**

- (Topic 6)

You are configuring a custom connector for a web service. The web service is hosted in two different regions. The web service URL includes a common domain

name and a unique sub-domain for each region.  
The custom connector must allow the region to be entered for additional regions when creating the connection.  
You need to create a policy template. Which template type should you use?

- A. Route request
- B. Set query string parameter
- C. Set host URL
- D. Set HTTP header

Answer: C

NEW QUESTION 153

DRAG DROP - (Topic 6)

You are creating a model-driven app.

Users need to see only the entities in the app navigation that are relevant to their role and their method of accessing the app.

You need to restrict entities on the sub-areas in the SiteMap.

Which properties should you use? To answer, drag the appropriate properties to the correct requirements. Each property 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.

Answer Area

Properties	Requirement	Property
Client	Ensure that the entity is visible only if the user can create records.	
Offline Availability	Ensure that the entity is not visible if the user is using an on-premises deployment.	
Privileges	Ensure that the entity is visible only if the user is accessing the app with a web browser.	
SKUs		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Privileges

Privileges: This defines whether a subarea is displayed based on privileges available in any security roles that are assigned to the user.

Box 2: SKU

SKUs: Select the versions of Dynamics 365 that display this subarea.

Box 3: Client

Client: Select the type of client that displays this subarea.

NEW QUESTION 154

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 === null  
        formContext.ui.  
        -  
        false  
        empty string  
        null  
        zero  
        formContext.ui.tabs.get("SchoolScheduleTab").  
        -
```

getValue()  
getVisible()  
getValue()  
getObject()  
getName()

setVisible(false)  
setVisible(false)  
setVisible(true)  
setDisabled(false)  
setDisabled(true)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



Answer Area



NEW QUESTION 159

DRAG DROP - (Topic 6)

You are modifying a model-driven app for a bicycle company. The app modifications must meet the following requirements:

- The order form must include a column that calculates payments based on how many years the customer wants to finance a bicycle.
- A pop-up box must remind the employee to validate the information entered before saving.

You must use out-of-the-box features before customizing the application. What should you do?

To answer, drag the appropriate actions to the correct requirements. 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 answer is worth one point.

Actions

Customize the app.

Configure an out-of-the-box feature.

Edit XML.

Answer Area

Requirement	Action
Calculate payments.	
A pop-up box must appear.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Customize the app.

Configure an out-of-the-box feature.

Edit XML.

Answer Area

Requirement	Action
Calculate payments.	Configure an out-of-the-box feature.
A pop-up box must appear.	Edit XML.

NEW QUESTION 162

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 165

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

Run the following `npm run build` command.

Run the `pac pcf init --namespace SampleNamespace --name ControlName --template field` command

Run the `pac solution init --publisher-name developer --publisher-prefix dev` command.

Run the `npm install` command.

Create a project folder.

Answer Area

⏪

⏩

⏴

⏵

- 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 `np 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 168

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 172**

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

▼

Referential

Referential, Restrict Delete

Parental

Configurable Cascading

Behavior for the assigned action

▼

Cascade None

Cascade All

Cascade Active

Cascade User-Owned

- 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 176**

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	
	Number per user over a sliding window of time
	Number per environment over a sliding window of time
	Number per user per 24-hour period
	Number per environment per 24-hour period
Combined execution time	
	Combined time per user over a sliding window of time
	Combined time per user over a fixed window of time
	Combined time per environment over a sliding window of time
	Combined time per environment over a fixed window of time
Concurrent requests	
	Fixed number per user
	Fixed number per tenant
	Fixed number per application
	Fixed number per environment

- 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 179**

- (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.  
? Implement a console application that queries for changes.  
Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

**Explanation:**

Instead use the Data Export Service to sync data between the database and Dynamics 365 Sales.  
References:  
<https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-data-synchronization>

**NEW QUESTION 181**

HOTSPOT - (Topic 6)

You create an alternate key named AlternateKey1 on the Account entity. The definition for AlternateKey1 is shown in the following exhibit:

Entities > Account			
Fields	Relationships	Business rules	Views
Forms	Dashboards	Charts	Keys
Display name ↑ ▾	Name ▾	Fields ▾	
AlternateKey1	...	cr27f_AlternateKey1	Account Number, Account Name

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.

How is uniqueness enforced based on the definition of AlternateKey1?

▼

The combination of Account Number and Account Name must be unique

Either Account Number or Account Name must be unique

Account Number and Account Name must both be unique

You must add a third field to AlternateKey1. What should you do?

▼

Update AlternateKey1 and add the missing field

Delete AlternateKey1 and re-create it with all three fields

Create a new alternate key named AlternateKey2 with only the missing field

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: The combination of Account Number and Account Name must be unique

With alternate keys you can now define a column in a Dataverse table to correspond to a unique identifier or unique combination of columns.

Box 2: Delete AlternateKey1 and re-create it with all three fields

#### NEW QUESTION 185

- (Topic 6)

You are configuring a Microsoft Power Virtual Agents chatbot to use the authenticate option for Microsoft Teams only.

You need to select the variables that will return information about the logged in user.

Which two variables should you use?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. AuthToken
- B. UserDisplayName
- C. UserID
- D. IsLoggedIn

**Answer:** AD

#### NEW QUESTION 186

- (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 187

HOTSPOT - (Topic 6)

You create a Power Automate flow that retrieves data from the Microsoft Dataverse Account table.

The flow uses only a subset of Account table data. You need to retrieve the required data.

How should you configure the Dataverse List Rows action? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



**Answer Area**

Data point	Method
Full name of the primary contact	<div>Expand Query = primarycontactid(\$select=fullname) Expand Query = primarycontactid(\$select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?\$select=fullname</div>
Account with the highest credit limit	<div>Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account(\$top=1;\$select=creditlimit)</div>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Data point	Method
Full name of the primary contact	<div>Expand Query = primarycontactid(\$select=fullname) Expand Query = primarycontactid(\$select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?\$select=fullname</div>
Account with the highest credit limit	<div>Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account(\$top=1;\$select=creditlimit)</div>

#### NEW QUESTION 192

- (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: Export the solution, edit the customizations.xml, and add a querystringparameter element to the XML.

Does the solution meet the goal?

- A. Yes  
B. No

**Answer:** A

**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 194

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.	<div><div></div><div>Entity</div><div>View</div><div>Connector</div></div>
Display the original estimated duration as estimated start and end dates for the operation during time entry.	<div><div></div><div>Quick View</div><div>Card</div><div>Quick Create</div></div>

- 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 197**

- (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 199**

HOTSPOT - (Topic 6)

You are developing a canvas app for a healthcare center.

You need to create custom tables for the solution. You have the following requirements:

Requirement	Comment
Store information about doctors.	Store the name, location, license number, and a list of certifications for each doctor that works at the healthcare center.
Store information about prescription medications.	Reference prescription data from an external database.

You need to create the tables.

Which table type should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Requirement	Table type
Store information about doctors.	<div><div>Standard</div><div>Virtual</div><div>Activity</div><div>Standard</div></div>
Store information about prescription medications.	<div><div>Virtual</div><div>Virtual</div><div>Custom</div><div>Standard</div></div>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Requirement

Store information about doctors.

Table type

Standard	▼
Virtual	
Activity	
Standard	
Virtual	▼
Virtual	
Custom	
Standard	

Store information about prescription medications.

**NEW QUESTION 200**

- (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 once 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 201**

HOTSPOT - (Topic 6)

You work for a multinational company that has Azure and Common Data Service environment in the United States (UTC-7) and Japan (UTC+9).

You create Azure Functions for each location to update key data.

You need to configure the functions to run at 4:00 AM on weekdays at each location. Which schedule formats should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Location Timer schedule**

United States	▼
	0 0 4 * * 1-5
	0 0 7 * * 0-4
	0 0 11 * * 1-5
	0 0 19 * * 0-4
Japan	▼
	0 0 19 * * 0-4
	0 0 4 * * 1-5
	0 0 7 * * 1-5
	0 0 11 * * 0-4

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: 0 0 4 \* \* 1-5

Azure Functions uses the NCronTab library to interpret NCRONTAB expressions.

An NCRONTAB expression is similar to a CRON expression except that it includes an additional sixth field at the beginning to use for time precision in seconds:

{second} {minute} {hour} {day} {month} {day-of-week} NCRONTAB time zones

The numbers in a CRON expression refer to a time and date, not a time span. For

example, a 5 in the hour field refers to 5:00 AM, not every 5 hours.

The default time zone used with the CRON expressions is Coordinated Universal Time (UTC).

To have your CRON expression based on another time zone, create an app setting for your function app named WEBSITE\_TIME\_ZONE.

1-5 is weekdays



Box 2: 0 0 4 \* \* 1-5

#### NEW QUESTION 206

- (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 209

- (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 212

- (Topic 6)

You are implementing business logic for a model-driven app form by using multiple JavaScript web resources. The business logic number of JavaScript files, and the columns that the business logic requires are expected to change frequently. Some form fields will not be visible. Occasionally non-developers will also make changes to the form. You need to prevent columns referenced by the JavaScript from accidentally being removed from the form based. What should you do?

- A. Add columns in each JavaScript file as a dependency.
- B. Set all columns as business required.
- C. Hide columns that should not be displayed.
- D. Add all columns as non-event dependencies to the form.

**Answer:** A

#### NEW QUESTION 216

- (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 217

HOTSPOT - (Topic 6)

You are training a group of makers to use Power Automate. You have the following expressions:

Name	Expression
1	<code>outputs('Get_Item').statusCode</code>
2	<code>"from": "@result('MyScope')"</code>

You need to identify what each expression is doing.

What does each expression do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Expression

## Action

1

Return the statuscode at runtime.  
Return the output to the statuscode at runtime.  
Return the Get\_Item at runtime.

2

Return MyScope as all the action items.  
Return all the variables from all actions from MyScope.  
Return all the results from all actions from MyScope.

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

Box 1: Return the statuscode at runtime.

You could try the following method to get the status code.

Configure Compose action under the specified action to get the status code. `outputs('ActionName')['statusCode']`

Box 2: Return all the results from all actions from MyScope

The `@result()` expression accepts the name of a Scope as a parameter and returns a JSON array of objects that represent the results of the execution of each action within the Scope.

### NEW QUESTION 221

- (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 223

- (Topic 6)

You are creating an integration between Microsoft Dataverse and an external system.

Messages from Dataverse must be sent to Microsoft Azure Service Bus. An Azure Function will process the messages. Events must be published directly to the ServiceEndpoint for Azure Service Bus.

You need to create code for the messages. Which class should you use?

- A. IExecutionContext
- B. IPluginExecutionContext
- C. RemoteExecutionContext
- D. WorkflowContext

**Answer:** C

### NEW QUESTION 228

- (Topic 6)

You develop a model-driven app to include a form containing several columns. Two groups of users, named Group1 and Group2, will access the form.

A column contains sensitive data that should not be read by Group2. Group1 must be able to access the column.

You need to prevent Group2 users from viewing the sensitive data. What should you do?

- A. Create a field-level security profile for Group1 users to grant the users access to the column.
- B. Create multiple form
- C. Assign a form containing the sensitive data to Group1. Assign a form that does not contain the sensitive data to Group2.
- D. Create a security role for users in Group1 to grant users access to the column.

E. Use JavaScript to set visibility of the column based on the group of the current user.

Answer: A

NEW QUESTION 233

- (Topic 6)

You have the following code:

```
Xrm.WebApi.createRecord("account", data).then(
    function success(result) {
        console.log("Success");
    },
    function (error) {
        console.log(error.message);
    }
);
```

You have a contact record that uses the GUID 2CFB1599-DEAD-425F-AB4A- 76E6CAB51B09.  
You need to assign the contact record as the primary contact for an account when you create the account.  
Which two code segments can you use? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. 

```
var data =
{
    "name": "Contoso account",
    "primarycontactid@odata.context": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
};
```
- B. 

```
var data =
{
    "name": "Contoso account",
    "primarycontactid":
    {
        "logicalname": "contact",
        "id": "2CFB1599-DEAD-425F-AB4A-76E6CAB51B09"
    }
};
```
- C. 

```
var data =
{
    "name": "Contoso account",
    "primarycontactid@odata.bind": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
};
```
- D. 

```
var data =
{
    "name": "Contoso account",
    "primarycontactid": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
};
```

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

Answer: BC

NEW QUESTION 236

DRAG DROP - (Topic 6)

You are creating a Power Apps Component Framework (PCF) control. You test the control by using a local test harness.

You need to complete testing.

Which commands should you use? To answer, drag the appropriate commands to the correct functions. Each command 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.

Commands

start npm start

npm start

npm start watch

npm update

Answer Area

Function	Command
Launch a second npm start window while tests run in the first window.	<div></div>
Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.	<div></div>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



Commands	Answer Area						
<div>start npm start</div> <div>npm start</div> <div>npm start watch</div> <div>npm update</div>	<table border="1"><thead><tr><th>Function</th><th>Command</th></tr></thead><tbody><tr><td>Launch a second npm start window while tests run in the first window.</td><td><div>start npm start</div></td></tr><tr><td>Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.</td><td><div>npm start watch</div></td></tr></tbody></table>	Function	Command	Launch a second npm start window while tests run in the first window.	<div>start npm start</div>	Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.	<div>npm start watch</div>
Function	Command						
Launch a second npm start window while tests run in the first window.	<div>start npm start</div>						
Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.	<div>npm start watch</div>						

#### NEW QUESTION 240

- (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. OAuth2.0
- D. Claims-based

**Answer:** C

#### Explanation:

OAuth is the preferred means to authenticate because it provides access to both the OData RESTful web services (Web API and OData global Discovery service) as well as to the SOAP web services (Organization service and Discovery service).

OAuth is also required to support:

? Azure Active Directory configurations for conditional access, such as Two-factor Authentication (2FA)

? Use of client secrets to enable server-to-server authentication scenarios.

? Cross-Origin Resource Sharing (CORS) to connect a Single-page Application (SPA)

Reference:

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

#### NEW QUESTION 241

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=
    usage=
    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 245

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><div></div><div>Workflow</div><div>Business process flow</div><div>Plug-ins</div><div>Custom workflow</div></div>
Claim applications be routed to approvers at each stage.	<div><div></div><div>Power Automate flow</div><div>Business process flow</div><div>Actions</div></div>
Claim applications must show or hide fields based on the values.	<div><div></div><div>Business rules</div><div>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 249

HOTSPOT - (Topic 6)

You are developing a model-driven app by using Microsoft Power Platform. The app must perform the following functions:

- Automatically receive updates from a purchase order system.
- Only add new purchase orders. You need to implement the app.

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

NOTE: Each correct selection is worth one point

Answer Area	
Requirement	Component
Automatically receive purchase order updates.	<div><div>Connector with polling trigger</div><div>Connector with polling trigger</div><div>Connector with webhook trigger</div><div>Triggers for scheduled flows</div></div>
Add new purchase orders.	<div><div>Creation date</div><div>Account name</div><div>Creation date</div><div>Account number</div><div>Purchase order amount</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement

Automatically receive purchase order updates.

Add new purchase orders.

Component

Connector with polling trigger

Connector with polling trigger

Connector with webhook trigger

Triggers for scheduled flows

Creation date

Account name

Creation date

Account number

Purchase order amount

NEW QUESTION 250

HOTSPOT - (Topic 6)

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

Business Units

View: Active Business Unit

New | | | | Run Workflow... | Start Dialog | More Actions

Name	Main Phone	Website	Parent Business
Fabrikam			
Fabrikam Property Management			Fabrikam
Fabrikam Residences			Fabrikam

1 – 4 of 4 (0 selected) | All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | Page 1

- ? 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

FileSave and CloseActions

Security Role: Common Data Service User

DetailsCore RecordsServiceBusiness ManagementCustomizationMissing Entities

Role Name\*Common Data Service User

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 inheritanceDefault – Team privileges only

Power Apps

FileSave and CloseActions

Security Role Common Data Service User

DetailsCore RecordsBusiness ManagementCustomizationMissing EntitiesBusiness Process FlowCustom 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)

NewDeactivateConnectAssignEmail a LinkDeleteRefreshProcessShare

HomeRecentPinned

Humans

ContactsRatings

Contact: Contact

Claire Sherman

Owner

Marion Long

SummaryDetailsRelated

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

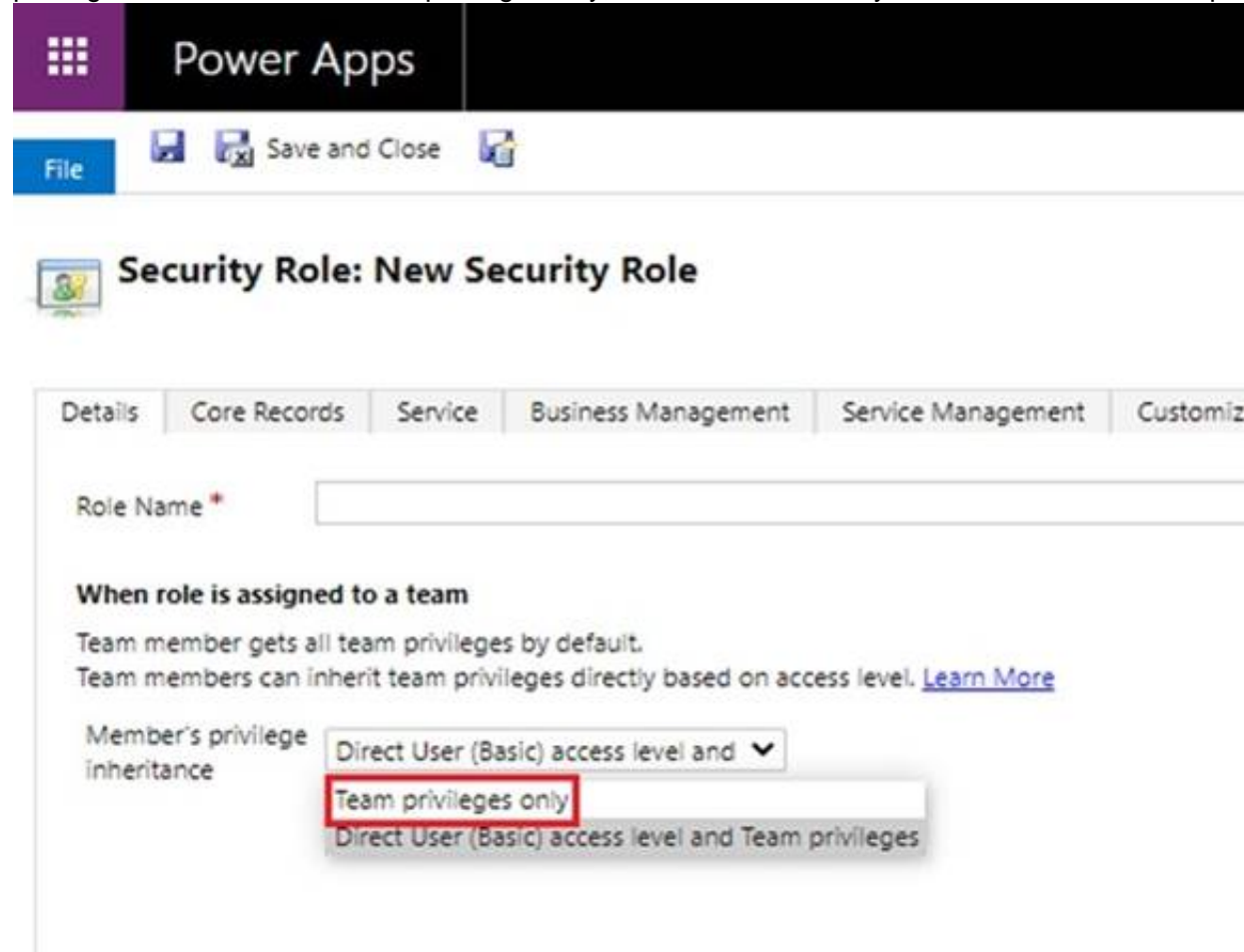
Answer: A

**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."



The screenshot shows the 'Security Role: New Security Role' form in Power Apps. The 'Role Name' field is empty. Under the 'When role is assigned to a team' section, the 'Member's privilege inheritance' dropdown is open, showing three options: 'Direct User (Basic) access level and', 'Team privileges only' (which is selected and highlighted with a red box), and 'Direct User (Basic) access level and Team privileges'.

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 251**

HOTSPOT - (Topic 6)

You develop the following JavaScript code for a web resource that will be used in a model- driven app.

```
function CheckAccountRating(executionContext) {
    var formContext = executionContext.getFormContext();
    var baseUrl = Xrm.Utility.getGlobalContext();
    var id = formContext.data.entity.getId();
    var url = baseUrl + "/api/data/v9.1/accounts(" + id + ")?$select=accountratingcode"

    var req = new XMLHttpRequest();
    req.open("GET", url, false);
    req.setRequestHeader("OData-MaxVersion", "4.0");
    req.setRequestHeader("OData-Version", "4.0");
    req.setRequestHeader("Accept", "application/json");
    req.setRequestHeader("Content-Type", "application/json; charset=utf-8");
    req.onreadystatechange = function () {
        if (this.readyState === 4) {
            req.onreadystatechange = null;
            if (this.status === 200) {
                var result = JSON.parse(this.response);
                if (result["accountratingcode"] == 4) {
                    alert("Test");
                }
            }
        }
    };
    req.send();
}
```

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
The code raises the following exception: Interact with HTTP and HTTPS resources asynchronously (web-use-async.).	<input type="radio"/>	<input type="radio"/>
The code raises the following exception: Use strict equality operators (web-use-strict-equality-operators).	<input type="radio"/>	<input type="radio"/>
The code raises the following exception: Avoid including debug script in non-development environments (web-remove-debug-script).	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

Problem patterns: Web-use-async

There are multiple ways to interact with the server or request resources. Common approaches that allow for synchronous communications include the following (These scenarios should be avoided.):

? Usage of the XMLHttpRequest object passing in false for the value of the async

parameter for the open function call var requestXhr = new XMLHttpRequest();

// Explicitly setting the async parameter to false or supplying a variable with a value of false will force this as a synchronous call. requestXhr.open('GET', '/test/test.txt', false);

Box 2: No

=== - Strict Equality Comparison is already used in the code.

Box 3: No

No debugger statement in the code, so web-remove-debug-script (avoid including debug script in non-development environments) does not apply.

**NEW QUESTION 254**

- (Topic 6)

A company uses the Data Export Service (DCS) to refresh their Azure SQL Data Warehouse instance. The data warehouse is used for historical trend analysis and forecasting.

The refresh process from the Common Data Service (CDS) environment to the data warehouse has errors. Users report that data is missing.

A CDS test environment that contains DES is available to troubleshoot the import outside of the production environment. You create a new database for testing. You need to configure the test environment to point to the new database. What should you create first to access the database?

- A. A new secret in Azure Key Vault  
B. A new user in the SQL database  
C. A new export profile in CDS test  
D. A new application registration

**Answer:** A

**Explanation:**

Because this service requires access to an external Microsoft Azure SQL Database from Dynamics 365 (online), a number of prerequisites must be satisfied before you can successfully access this service including:

? Global / Tenant Admin access, or an Azure Key Vault must be provisioned and the

setup user must have permissions on Secrets. Reference:

<https://blog.crgroup.com/dynamics-365-latest-feature-the-data-export-service/>

**NEW QUESTION 259**

- (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 263**

- (Topic 6)

A company implements Dynamics 365 Customer Service. The company deploys synchronous plug-ins for the PreOperation and PostOperation stages on create and for the PostOperation stage on update for processing different case type.

Users experience errors when updating cases. The plug-in trace log files show that the PostOperation plug-in update of case times out after two minutes.

You perform basic testing and discover that this plug-in is triggered on every update of a case. You examine the code and discover that the plug-in retrieves all columns for the updated case record performing its work.

You need to reduce the number of errors. You need to achieve this goal with the test amount of changes.

Solution:

\* In the Plug-in Registration tool, add a post Image to the plug-in step and include the Fields that the plug-in needs.

\* Remove the retrieves statement from the plug-in code and reference the post image. Does the solution meet the goal?

- A. Yes



B. No

**Answer:** A

#### NEW QUESTION 266

- (Topic 6)

An organization uses Dynamics 365 Sales. You plan to add a custom button to the app ribbon.

You need to ensure that the button displays only when conditions specified by business rules are met.

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

NOTE: Each correct selection is worth one point.

- A. `gridContext.refresh();`
- B. `formContext.ui.refreshRibbon(refreshAll);`
- C. `formContext.data.refresh(save).then(successCallback, errorCallback);`
- D. `formContext.ui.refreshRibbon();`
- E. `formContext.getControl(arg).refresh();`

**Answer:** BD

#### Explanation:

B: `formContext.ui.refreshRibbon(refreshAll);`

Causes the ribbon to re-evaluate data that controls what is displayed in it.

Indicates whether all the ribbon command bars on the current page are refreshed. If you specify false, only the page-level ribbon command bar is refreshed. If you do not specify this parameter, by default false is passed.

Remarks: This function is typically used when a ribbon (RibbonDiffXml) depends on a value in the form. After your code changes a value that is used by a rule, use this method to force the ribbon to re-evaluate the data in the form so that the rule can be applied.

D: If role is there - just refresh the ribbon to see the button if (isButtonEnabled) {

`formContext.ui.refreshRibbon();`

}

},

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/refreshribbon>

<https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/302049/show-hide-button-bases-on-different-criteria/871674>

#### NEW QUESTION 270

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.	
Event sources		
Event subscription		
Events	Route orders over \$5,000 to the credit department.	

- 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 273

- (Topic 6)

A company designs a solution that contains a new real-time workflow. The workflow populates a lookup column that has a default value.

A managed solution is imported to the test environment.

An error occurs when a test engineer attempts to create a record. The error message states, "Record is not available."

You need to resolve the error. What should you do?

- A. Add missing lookup table records to the solution.
- B. Go to the test environment and manually create missing lookup table records.
- C. Use the Configuration Migration Tool to extract the lookup table data from the development environment and import it to the test environment.

Answer: C

NEW QUESTION 277

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.

NOTE: Each correct selection is worth one point.

Environment variable versions

Development

Production

Answer Area

Scenario

Canvas app sessions open during the update.

Canvas app sessions launched after the update.

Power Automate flows which have been saved after the update.

Environment variable version

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Environment variable versions

Development

Production

Answer Area

Scenario

Canvas app sessions open during the update.

Canvas app sessions launched after the update.

Power Automate flows which have been saved after the update.

Environment variable version

Development

Production

Production

NEW QUESTION 278

HOTSPOT - (Topic 6)

A company has a development environment and a production environment. The production environment has several third-party managed and unmanaged solutions that made changes to the Contact main form.

You create a new solution in the development environment. You add the Contact entity and the Contact main form to the solution. You create a custom field on the Contact entity.

What happens when you perform these actions and import the solution into the production environment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Action	Result
Add the field to the middle of an existing section in the Contact main form.	<div><div></div><div>The field is inserted at the start of the existing section.</div><div>The field is inserted in the middle of the existing section.</div><div>The field is appended to the end of the existing section.</div><div>The field is added in a new section.</div></div>
Create a new section in the Contact main form and add the field to the new section.	<div><div></div><div>The field is inserted at the start of the existing section.</div><div>The field is inserted in the middle of the existing section.</div><div>The field is appended to the end of the existing section.</div><div>The field is added in a new section.</div></div>
Create a new form and add the field to the middle of an existing section.	<div><div></div><div>The field is inserted at the start of the existing section.</div><div>The field is inserted in the middle of the existing section.</div><div>The field is appended to the end of the existing section.</div><div>The field is added in a new section.</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: The field is appended to the end of the existing section.

When you add new elements to a form that is to be merged, we recommend that you include your new elements within new container elements (tabs or sections). Additions to any container will be appended to the end of the container. For example, fields added to a section will be positioned at the end of the section.

Box 2: The field is added in a new section.

Box 3: The field is inserted in the middle of the existing section

### NEW QUESTION 282

HOTSPOT - (Topic 6)

You need to correct the JavaScript code that communicates with the address verification API.

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

NOTE: Each correct selection is worth one point.

#### Answer Area

Statements	Yes	No
You must replace ACTIONNAME in line AV22 with northwind_ValidateAddress	<input type="radio"/>	<input type="radio"/>
You can add code at line AV28 to display an error message returned by the address validation API.	<input type="radio"/>	<input type="radio"/>
Calling the address validation API from the custom action eliminates the error reported by users.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

YES, YES, NO

### NEW QUESTION 283

- (Topic 6)

You are designing a one-way integration from Microsoft Dataverse 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 Dataverse instance 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 post-operation 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:** B

### NEW QUESTION 285

- (Topic 6)

A Power Platform solution includes the following Web API call:

GET

[http://contoso.crm.dynamics.com/api/data/v9.1/RelationshipDefinitions?\\$select=SchemaName](http://contoso.crm.dynamics.com/api/data/v9.1/RelationshipDefinitions?$select=SchemaName)

You need to explain what this line of code is doing. What does the code do?

- A. Retrieve the list of relationships between tables.
- B. Retrieve a list of tables that are related to each other.
- C. Retrieve a list of one-to-many relationships with other tables.
- D. Retrieve a list of tables that have more than one relationship.
- E. Retrieve a list of many-to-many relationships with other tables.

**Answer:** D

#### Explanation:

<https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/query-metadata-web-api>

### NEW QUESTION 286

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	<div><div></div><div>Functions</div><div>Actions</div><div>Entities</div></div>
Implement operations that allow side effects, such as data modification	<div><div></div><div>Functions</div><div>Actions</div><div>Entities</div></div>
Implement keyless named structured types that consist of a set of properties	<div><div></div><div>Complex types</div><div>Entity types</div><div>Enumeration types</div></div>

- 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 288

- (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 an event handler for the data parameter. 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 293

- (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 296**

- (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 300**

- (Topic 6)

A financial services company uses the Common Data Service (CDS) to develop solutions. The company uses development and production instances.

You need to move solutions from the development instance to the production instance. 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. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.

B. In the development instance, highlight the solution you want to make changes to, select Clone a Patch, make changes, export the solution, and import the solution into the production instance.

C. Export all managed solutions from the development instance and import the solutions into the production instance.

D. In the production instance, import solutions with the same version number or higher when updating solutions.

**Answer:** AB

**Explanation:**

A: When you import a managed solution, all component changes will be brought into the environment in a published state.

B: You can apply patches to either managed or unmanaged solutions and include only changes to entities and related entity assets. Patches do not contain any non-customized

system components or relationships that it depends upon because these components already exist in the deployed-to organization. At some point in your development cycle, you can roll up all the patches into a new solution version to replace the original solution that the patches were created from.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/import-update-export-solutions>

<https://docs.microsoft.com/en-us/power-platform/alm/create-patches-simplify-solution-updates>

**NEW QUESTION 302**

.....

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