

## PL-400 Dumps

### Microsoft Power Platform Developer

<https://www.certleader.com/PL-400-dumps.html>



**NEW QUESTION 1**

- (Topic 2)

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

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

**Answer: D**

**Explanation:**

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

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

Description

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

Reference:

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

**NEW QUESTION 2**

- (Topic 2)

You need to ensure that Adventure Works Cycle can track information from visitors to bike fairs.

What should you create?

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

**Answer: C**

**Explanation:**

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.

Reference:

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

**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**

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 style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="border: 1px solid black; padding: 2px;"> <p>GET [Organization URI]/api/data/v9.1/accounts?\$select=name, sport</p> <p>GET [Organization URI]/api/data/v9.1/accounts?\$apply=name, sport</p> <p>GET [Organization URI]/api/data/v9.1/accounts?\$filter=name, sport</p> </div> </div>
All registered users	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="border: 1px solid black; padding: 2px;"> <p>\$apply=groupby(sport ne null)</p> <p>\$filter = name, sport</p> <p>\$orderby = name, sport</p> </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 5**

HOTSPOT - (Topic 1)

You need to select data types for required fields.

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

NOTE: Each correct selection is worth one point.

Field	Data type
Division	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <p>Text</p> <p>Option Set</p> <p>Unique Identifier</p> <p>Owner</p> </div> </div>
End date	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <p>Text</p> <p>Duration</p> <p>Date Only</p> <p>Option Set</p> </div> </div>
Tournament owner	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <p>Text</p> <p>Lookup</p> <p>Option Set</p> <p>Unique Identifier</p> </div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Option Set Box 2: Date only

When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Box 3: Lookup

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner.

Note: When you create a new lookup column you are creating a new Many-to-One (N:1) table relationship between the table you're working with and the Target Row Type defined for the lookup. There are additional configuration options for this relationship that are described in Create and edit relationships between tables. But all custom lookups can only allow for a reference to a single row for a single target row type.

**NEW QUESTION 6**

- (Topic 2)

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 7**

- (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 8**

- (Topic 3)

You need to configure the trigger for account records. Which expression should you use?

- A. ADDWEEKS(1, CreatedOn)
- B. ADDDDAYS(10, CreateOn)
- C. SUBTRACTDAYS(10, Now())
- D. DIFFINDAYS(CreatedOn, now())
- E. DIFFINWEEKS(now, 1)

**Answer: D**

**Explanation:**

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

DIFFINDAYS (date and time, date and time): Returns the difference in days between two Date and Time fields. If both dates and times fall on the same day, the difference is zero.

Note: Whenever we talk about history, the bone of contention are the below four fields:

- ? CreatedOn
- ? ModifiedOn
- ? CreatedBy
- ? ModifiedBy

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/define-calculated-fields>

**NEW QUESTION 9**

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 style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">                     Lookup                      Calculated                      Text                      Option set                 </div> </div>
Auto-populate Refill date field	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">                     Rollup                      Calculated                      Currency                      Whole Number                 </div> </div>
Doctor's name field in Doctor's entity	<div style="border: 1px solid black; padding: 2px;"> <div style="text-align: right; padding-right: 5px;">▼</div> <div style="padding: 2px;">                     Text                      LookUp                      Image                      Option set                 </div> </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 10

- (Topic 3)

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

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

**Answer: C**

#### Explanation:

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

Reference:

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

#### NEW QUESTION 10

- (Topic 3)

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

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

**Answer: C**

#### Explanation:

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

#### NEW QUESTION 12

- (Topic 3)

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

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

**Answer: A**

#### NEW QUESTION 13

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 18**

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 22**

HOTSPOT - (Topic 4)

You develop the following code for the plug-in that sends email notifications to recruiters.

```
var target = (Entity)context.InputParameters["Target"];
var contact = service.Retrieve(target.LogicalName, target.Id, new ColumnSet("fullname"));
var fetchXml = @"<fetch>
    <entity name='pro_application'>
        <attribute name='pro_recruiterassignedid' />
        <filter type='and'>
            <condition attribute='statecode' operator='eq' value='0' />
            <condition attribute='pro_contactid' operator='eq' value='" + target.Id + @"' />
        </filter>
    </entity>
</fetch>";
var fetchRecruiters = new FetchExpression(fetchXml);
var recruiters = service.RetrieveMultiple(fetchRecruiters);
foreach (var recruiter in recruiters.Entities)
{
    SendEmail(recruiter.Id, contact.GetAttributeValue<string>("fullname"));
}
```

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

NOTE: Each correct select is worth one point.

**Answer Area**

Statements	Yes	No
You can use data from the contact's name without explicitly retrieving the value from the fullname column.	<input type="radio"/>	<input type="radio"/>
You can use the same plug-in to send notifications to interviewers.	<input type="radio"/>	<input type="radio"/>
Recruiters only receive a single email notification per applicant.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Statements	Yes	No
You can use data from the contact's name without explicitly retrieving the value from the fullname column.	<input type="radio"/>	<input checked="" type="radio"/>
You can use the same plug-in to send notifications to interviewers.	<input type="radio"/>	<input checked="" type="radio"/>
Recruiters only receive a single email notification per applicant.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 24**

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	<ul style="list-style-type: none"> <li>Function key</li> <li>Anonymous</li> <li><b>Function key</b></li> <li>Azure Active Directory</li> </ul>
Custom connector	<ul style="list-style-type: none"> <li>OAuth 2.0</li> <li>API Key</li> <li><b>OAuth 2.0</b></li> <li>Basic authentication</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Item	Security
Azure Function	<ul style="list-style-type: none"> <li>Function key</li> <li>Anonymous</li> <li><b>Function key</b></li> <li>Azure Active Directory</li> </ul>
Custom connector	<ul style="list-style-type: none"> <li>OAuth 2.0</li> <li>API Key</li> <li><b>OAuth 2.0</b></li> <li>Basic authentication</li> </ul>

**NEW QUESTION 25**

DRAG DROP - (Topic 5)

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

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

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

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 29**

- (Topic 5)

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

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

**Answer: C**

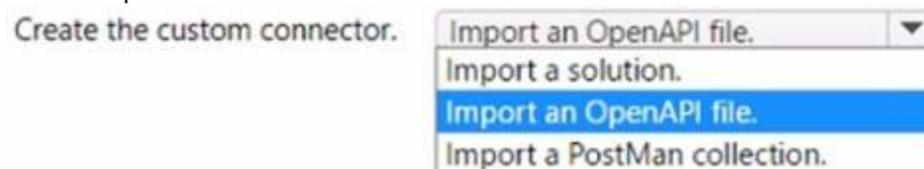
**NEW QUESTION 30**

HOTSPOT - (Topic 5)

You need to configure the Web API and create the custom connector.

Which action should you perform for each step? To answer, select the appropriate options in the answer area.

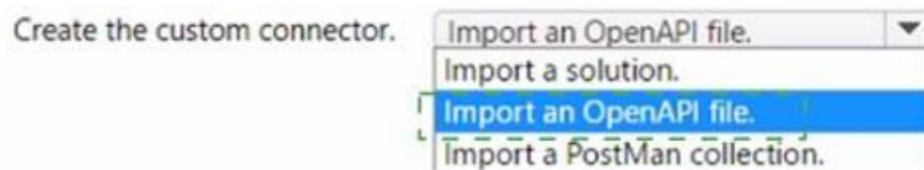
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**NEW QUESTION 35**

- (Topic 6)

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

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

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

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

Which flow or flows should you recommend?

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

**Answer: H**

**Explanation:**

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

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

Reference:

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

**NEW QUESTION 40**

DRAG DROP - (Topic 6)

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

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

the total number of client issues in bold colors.

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

Actions	Answer area
Create a connection to the engineering issues list and retrieve the total number of critical issues.	
Create an output parameter and set the value of the parameter to the total number of critical issues.	
Create and format a label to display the total number of critical issues.	
Import the counter component in the other apps from the first department app.	
Display the counter output parameter in the department app.	
Create a new component in the department app.	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

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

**NEW QUESTION 41**

- (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 46**

- (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 47**

- (Topic 6)

You have a Common Data Service entity and a model-driven app. The model-driven app integrates with an external system. You plan to run business logic each time the model-driven app creates a record. Running business logic must not negatively affect model-driven app users. You need to implement the business logic. What should you use?

- A. Synchronous plug-in registered in the PreOperation stage
- B. Synchronous workflow
- C. Asynchronous plug-in registered in the PostOperation stage

**Answer: C**

**Explanation:**

The asynchronous service executes long-running operations independent of the main Microsoft Dataverse core operation. This results in improved overall system performance and improved scalability.

Reference:

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

**NEW QUESTION 51**

- (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 53**

- (Topic 6)

You create a cloud flow to process a list of records using a loop. You need to determine when to initialize a variable that is used to process the records. When should you initialize the variable?

- A. after the first use of the variable inside the loop
- B. after the loop
- C. before the loop
- D. before the first use of the variable inside the loop

**Answer: C**

**NEW QUESTION 57**

- (Topic 6)

A financial institution that has a Dynamics 365 Customer Engagement environment requires that the account balance field from the account entity be visible to specific users only.

You need to set up the field security for the account balance field.

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

NOTE: Each correct selection is worth one point.

- A. Create a field security profile.
- B. Set the field to Read-Only and then publish the entity.
- C. Create a security role and add the specific users to the role.
- D. Enable field security and then publish the entity.
- E. Set the field permission Allow Read to Yes and add the users to the members section.

**Answer: ADE**

**Explanation:**

To implement field-level security, a system administrator performs the following tasks.

? Enable field security on one or more fields for a given entity.

? Associate one or more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.

A security profile determines the following:

? Permissions to the secure fields

? Users and Teams

A security profile can be configured to grant user or team members the following permissions at the field level:

? Read. Read-only access to the field's data.

? Create. Users or teams in this profile can add data to this field when creating a record.

? Update. Users or teams in this profile can update the field's data after it has been created.

Reference:

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

**NEW QUESTION 60**

- (Topic 6)

You are developing a Power Platform solution for a medical practice. You create a custom table named Doctors to record details about the doctors who work at the medical practice.

You must be able to attach a PDF copy of a doctor's medical license to the row for each doctor.

You need to configure the table. What should you do?

- A. Create a Power Automate flow to add attachments.
- B. Navigate to Table options and enable attachments.
- C. Navigate to Column options and enable attachments.
- D. Create relationships between the Doctor table and the Notes table.

**Answer:** C

**Explanation:**

A file column is used for storing file data up to a specified maximum size. A custom or customizable table can have zero or more file columns plus a notes (annotation) collection with zero to one attachment in each note.

Reference:

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

**NEW QUESTION 65**

- (Topic 6)

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

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

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

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

**Answer:** D

**NEW QUESTION 69**

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 74**

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, CloudQueue 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 78**

- (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 83**

- (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. Determine whether the solution meets 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 university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.

Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.

You need to configure the security to meet the business requirements.

Solution: Create a security role that has organization-level access to opportunities. Give this security role to all members of the two departments who need access.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead use access team templates and give access to members in the two departments.

Reference: <https://community.dynamics.com/crm/b/crmdevmigrationconfigandcustomization/posts/access-teams-and-access-team-templates>

**NEW QUESTION 88**

HOTSPOT - (Topic 6)

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

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

? A set of fields to represent the package length, width, depth, and weight. The maximum value for any dimension is 100 centimeters.

? A set of fields for time-sensitive attributes to calculate the efficiency of a delivery

based on when the delivery is entered in the system and the existing custom fields: Pickup time and Delivery time.

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

NOTE: Each correct selection is worth one point.

**Requirement**

**Construct**

Calculate the efficiency of the delivery.

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

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

▼
Autonumber
Phone number
Customer
Currency
Duration

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 91**

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 style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px;">Update</div> <div style="padding: 2px;">Execute</div> <div style="padding: 2px;">northwind_ValidateAddress</div> </div>
Execution mode	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;">▼</div> <div style="padding: 2px;">Synchronous</div> <div style="padding: 2px;">Asynchronous</div> <div style="padding: 2px;">Post-Operation</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1 = northwind\_ValidateAddress Box 2 = Synchronous

**NEW QUESTION 95**

DRAG DROP - (Topic 6)

User1 and User2 use a form named F1 to enter account data. Both users have the same security role, SR1, in the same business unit.

User1 has a business rule to make the main phone mandatory if the relationship type is Reseller. User2 must occasionally create records of the Reseller type without having the reseller's phone number and is blocked by User1's business rule.

You need to ensure that User2 can enter reseller data into the system.

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

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

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Actions	Answer Area
Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.	<div style="border: 2px dashed red; padding: 5px;"> <p>Open form F1 and save it as a form named F2.</p> <p>Remove the business role from form F2.</p> <p>Create a business rule for form F2 to make the phone number optional for resellers.</p> </div>
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.	

**NEW QUESTION 96**

- (Topic 6)

You are creating a new page for a Power Apps portal.

You need to display data from Microsoft Dataverse on the page. What should you use?

- A. Liquid
- B. CSS
- C. iFrame
- D. Bootstrap

**Answer:** A

**Explanation:**

Liquid is an open-source template language that is integrated natively into Microsoft Power Apps portals. It acts as a bridge between Dataverse and the HTML or text output that is sent to the browser. Liquid can be used to add dynamic content to pages and to create a variety of custom templates. Additionally, Liquid provides access only to the data and operations that are explicitly allowed by the portals.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/liquid-template-language/>

**NEW QUESTION 99**

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.

	<b>Yes</b>	<b>No</b>
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 102**

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.

▼
Configure entity relationships.
Configure Quick View.
Configure environment variables.

Report who changed the BOM records and when the changes were made.

▼
Configure entity change tracking.
Configure entity auditing.
Configure environment variables.

- 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 107**

DRAG DROP - (Topic 6)

A company uses Microsoft 365. You are developing a model-driven app. The app must meet the following requirements:

? Use SharePoint Online for document storage.

? Send emails by using Exchange Online.

You need to configure integrations.

What should you configure? To answer, drag the appropriate configuration options to the correct requirements. Each configuration 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.

Configuration options	Answer Area						
Server-side synchronization	<table border="1"> <thead> <tr> <th>Requirement</th> <th>Configuration option</th> </tr> </thead> <tbody> <tr> <td>Email</td> <td>Configuration option</td> </tr> <tr> <td>Document storage</td> <td>Configuration option</td> </tr> </tbody> </table>	Requirement	Configuration option	Email	Configuration option	Document storage	Configuration option
Requirement		Configuration option					
Email		Configuration option					
Document storage		Configuration option					
Server-based integration							
Dual-write							
System settings							

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Server-side synchronization

Configure default email processing and synchronization: set server-side synchronization to be the default configuration method for newly created users.

Box 2: Server-side integration.

If your organization is already using document management with Microsoft Dynamics CRM List Component, you must switch to server-based SharePoint integration.

If your organization has not deployed document management, when a System Administrator logs in an alert message will be displayed to enable server-based SharePoint integration.

**NEW QUESTION 111**

DRAG DROP - (Topic 6)

A company is creating a new system based on Microsoft Dataverse.

You need to select the Dataverse features that meet the company's requirements.

Which features should you select? To answer, drag the appropriate features to the correct requirements. Each feature 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.

Features	Answer Area								
Cascade User Owned	<table border="1"> <thead> <tr> <th>Requirement</th> <th>Feature</th> </tr> </thead> <tbody> <tr> <td>When a primary record is deleted, the associated referential records must also be deleted.</td> <td></td> </tr> <tr> <td>When a record is assigned to a user, all referencing records must also be assigned to that user.</td> <td></td> </tr> <tr> <td>When a primary record is deleted, the associated record must not be deleted.</td> <td></td> </tr> </tbody> </table>	Requirement	Feature	When a primary record is deleted, the associated referential records must also be deleted.		When a record is assigned to a user, all referencing records must also be assigned to that user.		When a primary record is deleted, the associated record must not be deleted.	
Requirement		Feature							
When a primary record is deleted, the associated referential records must also be deleted.									
When a record is assigned to a user, all referencing records must also be assigned to that user.									
When a primary record is deleted, the associated record must not be deleted.									
Referential, Restrict Delete									
Referential									
Parental									

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Features	Answer Area								
Cascade User Owned	<table border="1"> <thead> <tr> <th>Requirement</th> <th>Feature</th> </tr> </thead> <tbody> <tr> <td>When a primary record is deleted, the associated referential records must also be deleted.</td> <td>Referential</td> </tr> <tr> <td>When a record is assigned to a user, all referencing records must also be assigned to that user.</td> <td>Cascade User Owned</td> </tr> <tr> <td>When a primary record is deleted, the associated record must not be deleted.</td> <td>Referential, Restrict Delete</td> </tr> </tbody> </table>	Requirement	Feature	When a primary record is deleted, the associated referential records must also be deleted.	Referential	When a record is assigned to a user, all referencing records must also be assigned to that user.	Cascade User Owned	When a primary record is deleted, the associated record must not be deleted.	Referential, Restrict Delete
Requirement		Feature							
When a primary record is deleted, the associated referential records must also be deleted.		Referential							
When a record is assigned to a user, all referencing records must also be assigned to that user.		Cascade User Owned							
When a primary record is deleted, the associated record must not be deleted.	Referential, Restrict Delete								
Referential, Restrict Delete									
Referential									
Parental									

**NEW QUESTION 114**

HOTSPOT - (Topic 6)

The following code updates the customer size code choice column on the Account table if the number of employees column value is greater than 100. Line numbering is provided for information only.

```

01 static void UpdateAccount(CrmServiceClient svc, string accountId)
02 {
03     using (svc)
04     {
05         var account = svc.Retrieve("account", accountId, new ColumnSet(true));
06
07         var numberofemployees = account.GetAttributeValue<int>("numberofemployees");
08         if (numberofemployees > 100)
09         {
10             account["customersizecode"] = new OptionSetValue(2);
11             svc.Update(account);
12         }
13     }
14 }
    
```

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

**Answer Area**

Statement	Yes	No
Does the Retrieve method use the correct parameters?	<input type="radio"/>	<input type="radio"/>
Will a plug-in triggered on the update of the numberOfemployees column execute after the Update method is executed?	<input type="radio"/>	<input type="radio"/>
Will an exception be thrown if the value for numberOfemployees is null?	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Statement	Yes	No
Does the Retrieve method use the correct parameters?	<input checked="" type="radio"/>	<input type="radio"/>
Will a plug-in triggered on the update of the numberOfemployees column execute after the Update method is executed?	<input type="radio"/>	<input checked="" type="radio"/>
Will an exception be thrown if the value for numberOfemployees is null?	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 116**

- (Topic 6)

You are creating a Power Automate flow.

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

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

Which method or class should you use?

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

**Answer:** A

**Explanation:**

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

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

ReceiveAndDelete: Specifies the ReceiveAndDelete receive mode.

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

Peek lock.

Reference:

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

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

**NEW QUESTION 117**

- (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 119**

- (Topic 6)

You plan to create a canvas app to manage large sets of records. Users will filter and sort the data. You must implement delegation in the canvas app to mitigate potential performance issues. You need to recommend data sources for the app. Which two data sources should you recommend? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. SQL Server
- B. Common Data Service
- C. Azure Data Factory
- D. Azure Table Storage

**Answer:** AB

**Explanation:**

Delegation is supported for certain tabular data sources only. If a data source supports delegation, its connector documentation outlines that support. For example, these tabular data sources are the most popular, and they support delegation:

Power Apps delegable functions and operations for Microsoft Dataverse Power Apps delegable functions and operations for SharePoint  
Power Apps delegable functions and operations for SQL Server Power Apps delegable functions and operations for Salesforce reason 1--> Azure data factory is not mentioned in MS documentation  
reason 2 --> Azure is not an actual data (questions asks for data sources) source but ETL a service for scale-out serverless data integration and data transformation. <https://docs.microsoft.com/en-gb/powerapps/maker/canvas-apps/delegation-overview>

**NEW QUESTION 120**

DRAG DROP - (Topic 6)

A company implements Dynamics 365 Sales. Only sales managers must be able to perform the approval to move high value sales on in the opportunity qualification process. A new field must be created to capture the approval. You need to create and secure the new field. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

**Answer Area**

- Create a new field security profile
- Enable auditing in the Approval field.
- Create an access team template and define the access rights for the Opportunity entity.
- Enable change tracking for the Opportunity entity.
- Set the field permissions for the new field to enable read, update, and create, and add the sales manager as a member of the field security profile.
- Enable field security in the Approval field.
- Enable the write privilege on the Opportunity for the sales manager security role and grant the sales manager for the team the sales manager security role.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Enable field security in the Approval field.  
? Enable field security on one or more fields for a given entity.  
? Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams (step 2 and step 3 below).  
Step 2: Create a new field security profile.  
Create a new field security profile for the sales manager. Step 3: Set the field permissions...security profile  
Step 2 and step 3, example: Configure the security profiles.  
? Create the field security profile for sales managers.  
? Go to Settings > Security.  
? Click Field Security Profiles.  
? Click New, enter a name, such as Sales Manager access contact mobile phone, and click Save.  
? Click Users, click Add, select the users that you want to grant read access to the mobile phone number on the contact form, and then click Add.  
? Click Field Permissions, click mobilephone, click Edit, select Yes next to Allow Read, and then click OK.

**NEW QUESTION 124**

- (Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

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

Enable change tracking for entities that will be synchronized.

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

A. Yes

B. No

**Answer: A**

**Explanation:**

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

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

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

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

Reference:

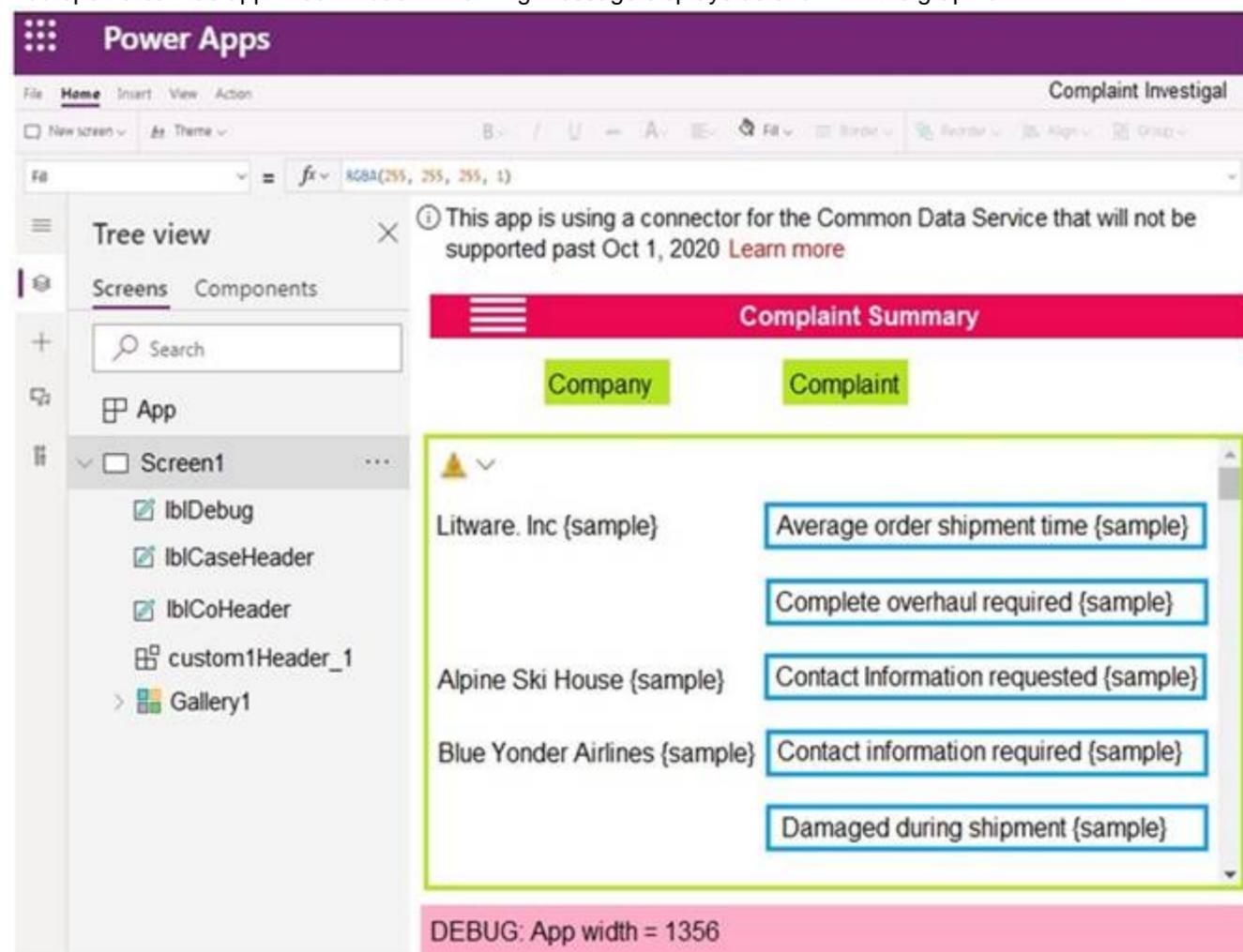
<https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-data-synchronization>

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

**NEW QUESTION 125**

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 126**

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
connection	Visualize records as a hierarchy in a model-driven app.	Option
one-to-many relationship	Associate a record with other records in multiple entities.	Option
many-to-many relationship	Records in one entity must be able to reference only a single record in another entity.	Option
self-referential relationship	Any record in one entity must be able to be referenced by any record in another entity.	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 128**

- (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**

HOTSPOT - (Topic 6)

You manage two Microsoft Power Platform managed solutions.  
You must update the solutions and import them into an environment that has no customizations.

Solution A

- Changes the length of the name column to 75
- Adds the categoryid column at the top of the Account Information section of the Account form

Solution B

- Changes the length of the name column to 100
- Adds the territoryid column at the top of the Account Information section of the Account form

Solution A must be imported before Solution B.

You need to determine what state the components are in after importing the solutions. Which effect does each component exhibit? To answer select the appropriate options in the answer area.

**Answer Area**

Component	Effect
Column	Length is 100.
	Length is 75.
	Length is 100.
	Length is unchanged.
Form	Both columns appear in the Account Information section.
	Both columns appear in the Account Information section.
	Only the territoryid column appears in the Account Information section.
	Both columns are added to the Conflicts tab.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Component	Effect
Column	Length is 100.
	Length is 75.
	Length is 100.
	Length is unchanged.
Form	Both columns appear in the Account Information section.
	Both columns appear in the Account Information section.
	Only the territoryid column appears in the Account Information section.
	Both columns are added to the Conflicts tab.

**NEW QUESTION 134**

HOTSPOT - (Topic 6)

A company has a canvas app that has a screen with a gallery of contacts.  
Users must be able to search the gallery by last name, email address, and country/region. They must also be able to sort by last name, followed by country/region.  
You need to define the expression that meets the requirements.

How should you complete the expression? To answer, select the appropriate options from the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**



```

Contacts,
TextSearchBox1.Text,
"lastname",
"emailaddress1",
"address1_country"
),
"lastname",
Ascending,
"address1_country",
Ascending
)
    
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: SortByColumns

The SortByColumns function can be used to sort a table based on one or more columns.

The parameter list for SortByColumns provides the names of the columns to sort by and the sort direction per column. Sorting is performed in the order of the parameters (sorted first by the first column, then the second, and so on).

Box 2: Filter

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.

**NEW QUESTION 135**

- (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 139**

HOTSPOT - (Topic 6)

You have the following JavaScript function: (Line numbers are included for reference only.)

```

01 function displayIconTooltip(rowData, userLCID)
02 {
03     var imgName = "";
04     var tooltip = "Relationship Health";
05     var str = JSON.parse(rowData);
06     var prevrev = str.new_previousyearannualrevenue_Value;
07     var rev = str.revenue_Value;
08     var health = parseFloat(rev) - parseFloat(prevrev);
09     if (health > 0)
10         imgName = "new_good";
11     else if (health == 0)
12         imgName = "new_warm";
13     else
14         imgName = "new_bad";
15     var resultarray = [imgName, tooltip];
16     return resultarray;
17 }
    
```

The Annual Revenue view column is configured to call the function as shown in the Column Properties exhibit. (Click the Change Column Properties tab.)

## Change Column Properties ✕

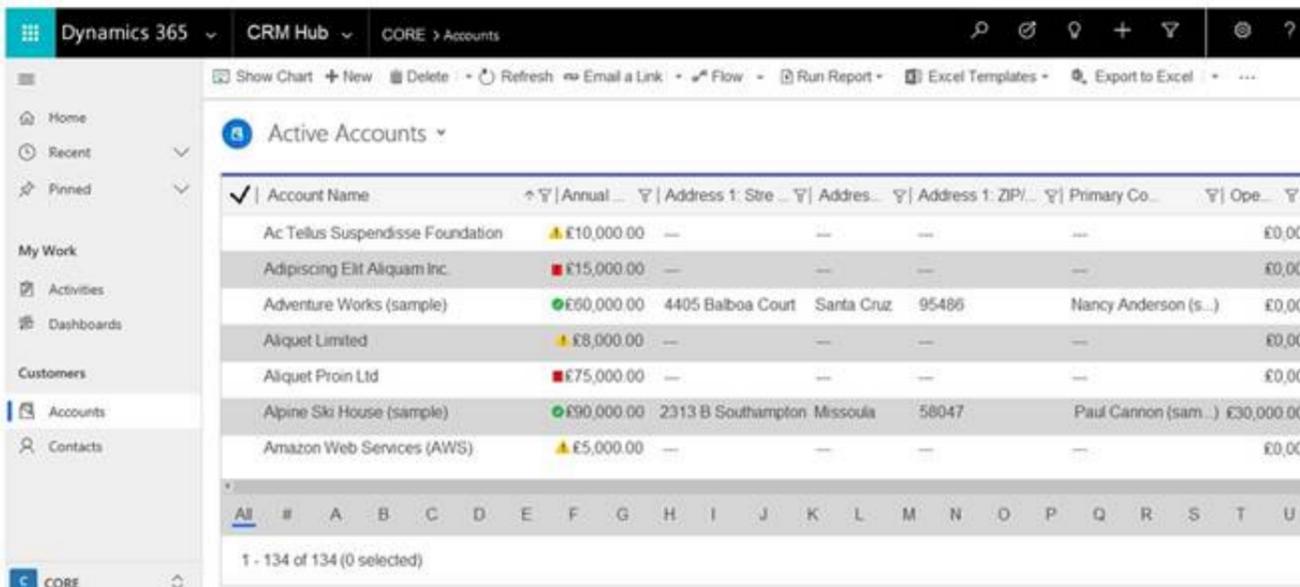
The properties of the selected column are listed below. You can change the width in pixels of the column.

Entity Name:	Account
Column Title:	Annual Revenue
Data Type:	Currency
Name:	revenue
Web Resource:	<input type="text" value="new_/script/revdisplaylcon.js"/>
Function Name:	<input type="text" value="displaylconTooltip"/>

### Select a width for this column:

25px
  50px
  75px
  100px
  125px
  150px
  200px
  300px

Users report that the icons that appear in the Active Account view are incorrect, as shown in the Active Accounts View exhibit. (Click the Active Accounts View tab.)



You need to determine why the incorrect icons are being displayed.

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

Statements	Yes	No
If the Previous Year Annual Revenue column is in the Active Accounts view but has a null value, the selected imgName is set to <b>new_good</b> for Accounts that have an Annual Revenue greater than 0.	<input type="radio"/>	<input type="radio"/>
If the Previous Year Annual Revenue column is included in the Active Accounts view, and exception is raised and an error is displayed.	<input type="radio"/>	<input type="radio"/>
The userLCID can be used to gain access to users' Language settings in personal options and change the tooltip to their chosen language.	<input type="radio"/>	<input type="radio"/>
The imgName refers to an image that is a URL to an external image file.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: No  
parseFloat will return 'NaN' if it's not a number (null and undefined are NaNs).  
Box 2: No  
Box 3: Yes  
Session.userLCID is the Locale ID for the ASP application.  
Box 4: Yes

**NEW QUESTION 143**

HOTSPOT - (Topic 6)

A company uses Dynamics 365 Sales.

You need to configure the customer lookup search for email activity in the canvas app. How should you complete the expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

If (  ( ThisItem.'Company Name' ), "",

( ThisItem.'Company Name', [ @Accounts ] ),

"Account: " &  ( ThisItem.'Company Name', [ @Accounts ] ).'Account Name',

"Contact: " &  ( ThisItem.'Company Name', [ @Contacts ] ).'Full Name'

)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: IsBlank  
The IsBlank function tests for a blank value or an empty string. The test includes empty strings to ease app creation since some data sources and controls use an empty string when there is no value present.  
Box 2: IsType  
The IsType function tests whether a record reference refers to a specific table type.  
Box 3: AsType

The AsType function treats a record reference as a specific table type, sometimes referred to as casting. You can use the result as if it were a record of the table and again use the Record.Field notation to access all of the fields of that record. An error occurs if the reference isn't of the specific type.  
Box 4: AsType

**NEW QUESTION 148**

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

**NEW QUESTION 149**

DRAG DROP - (Topic 6)

An organization has a Dynamics 365 Sales environment. You need to create a Power Apps component.

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

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

Example:

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

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

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

Step 3: Run the following 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 150**

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 155**

- (Topic 6)

A company is developing multiple plug-ins. One of the plug-ins keeps failing. You need to debug the plug-in.

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

NOTE: Each correct selection is worth one point.

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

**Answer:** ACE

**Explanation:**

Step 1: Install plug-in profiler

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

Step 2: Start profiling

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

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

Step 3: Debug your plug-in Reference:

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

**NEW QUESTION 159**

DRAG DROP - (Topic 6)

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

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

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

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

**Actions**

**Answer Area**

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



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: pac solution init --publisher-name <publisher> --publisher-prefix <prefix>

Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse.

pac solution init --publisher-name developer --publisher-prefix dev Step 2: pac solution add-reference --path <control-path>

Once the new solution project is created, refer the Solutions folder to the location where the

created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to multiple components in a single solution project.  
 pac solution add-reference --path c:\downloads\mysamplecomponent Step 3: msbuild /t:build /restore  
 To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. This command uses MSBuild to build the solution project by pulling down the NuGet dependencies as part of the restore. Use the /restore only for the first time when the solution project is built. For every build after that, you can run the command msbuild.msbuild /t:build /restore

**NEW QUESTION 164**

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 168**

- (Topic 6)

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

- A. Create a plug-in that uses the update method for the rollup field
- B. Configure a step on the Create event for the policy entity for this plug-in.
- C. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.
- D. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.
- E. Create new fields on the customer entity for insurance exposure and risk
- F. Write a plug-in that is triggered whenever a new policy record is created.

**Answer: C**

**Explanation:**

As a system administrator, you can modify the rollup job recurrence pattern, postpone, pause, or resume the rollup job. To pause, postpone, resume, or modify the recurrence pattern, you must view the system jobs. More information View Rollup jobs  
 On the nav bar, choose Actions and select the action you want.  
 For the Calculate Rollup Field job, the available selections are: Modify Recurrence, Resume, Postpone, and Pause.  
 For the Mass Calculate Rollup Field job, the available selections are: Resume, Postpone, and Pause.  
 Note: Calculate Rollup Field is a recurring job that does incremental calculations of all rollup columns in the existing rows for a specified table. There is only one Calculate Rollup Field job per table. The incremental calculations mean that the Calculate Rollup Field job processes the rows that were created, updated, or deleted after the last Mass Calculate Rollup Field job finished execution. The default maximum recurrence setting is one hour. The job is automatically created when the first rollup column on a table is created and deleted when the last rollup column is deleted.

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

### NEW QUESTION 171

- (Topic 6)

You are developing a Power Platform solution. The solution connects to a third-party accounting system by using a Web API through a Power Apps app that automatically exchanges contacts with the sales data.

You have the following code: (Line numbers are included for reference only.)

```
01 GET https://contoso.crm.dynamics.com/api/data/v9.1/accounts?$select=name,accountnumber,telephone1 &$top=5 HTTP/1.1
02
03 Cache-Control: no-cache
04 OData-Version: 4.0
05 Content-Type: application/json
```

You need to ensure that the code only synchronizes data that was not previously synchronized. Which code segment should you insert at line 02?

- A. Prefer: odata.track-changes
- B. Prefer: odata.allow-entityreferences
- C. Prefer: odata.allow-entityreferences
- D. Prefer: odata.include-annotations

**Answer:** A

### NEW QUESTION 174

- (Topic 6)

A company is testing a Microsoft Dataverse plug-in in an environment. The plug-in works in post-operation mode and performs the update of the Account entity. During testing, a user observes that the plug-in unintentionally triggers a synchronous third-party ISV plug-in.

You need to modify the system design to avoid unwanted triggering of the third-party plug-in.

What should you do?

- A. Disable the existing third-party plug-in by using the Plug-in Registration Tool.
- B. Use UpdateRequest with the BypassCustomPluginExecution parameter and Execute method of the Organization service.
- C. Update the code of the third-party ISV plug-in to ignore updates caused by the new plug-in.
- D. Update the code of the new plug-in to use InputParameters of Plugin Execution Context.

**Answer:** B

### NEW QUESTION 177

- (Topic 6)

You are a Dynamics 365 developer working on a model-driven app.

You add a button to an entity form and to the view for the entity that calls a JavaScript function. When you click the button, it results in an error.

You determine that the JavaScript function is calling another JavaScript function in a different web resource.

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

- A. In the JavaScript web resource, add the missing web resource as a dependency.
- B. Add &ribbondebug=true to the app URL and run the Command Checker tool.
- C. From the Ribbon Workbench, add the missing JavaScript web resource as aCustomRule in EnableRules.

**Answer:** A

#### Explanation:

When configuring ribbon elements, you can define specific rules to control when the ribbon elements are enabled.

Custom Rule uses the <CustomRule> element. Use this kind of rule to call a function in a Script (JScript) web resource that returns a Promise (Unified Interface) or boolean (Unified Interface and web client).

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/define-ribbon-enable-rules>

### NEW QUESTION 181

- (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 182**

- (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 187**

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.

**Answer Area**

Requirement	Table type
Store information about doctors.	<div style="border: 1px solid gray; padding: 2px;"> <span>Standard</span> ▼                      Virtual                      Activity  <span style="background-color: #0070C0; color: white;">Standard</span> </div>
Store information about prescription medications.	<div style="border: 1px solid gray; padding: 2px;"> <span>Virtual</span> ▼  <span style="background-color: #0070C0; color: white;">Virtual</span>                      Custom                      Standard                 </div>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Requirement	Table type
Store information about doctors.	<div style="border: 1px solid gray; padding: 2px;"> <span>Standard</span> ▼                      Virtual                      Activity  <span style="background-color: #0070C0; color: white;">Standard</span> </div>
Store information about prescription medications.	<div style="border: 1px solid gray; padding: 2px;"> <span>Virtual</span> ▼  <span style="background-color: #0070C0; color: white;">Virtual</span>                      Custom                      Standard                 </div>

**NEW QUESTION 190**

- (Topic 6)

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

Solution: Implement an OData v4 provider as the data source. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 191**

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	<input type="text" value="0 0 4 * * 1-5"/> <input type="text" value="0 0 7 * * 0-4"/> <input type="text" value="0 0 11 * * 1-5"/> <input type="text" value="0 0 19 * * 0-4"/>
Japan	<input type="text" value="0 0 19 * * 0-4"/> <input type="text" value="0 0 4 * * 1-5"/> <input type="text" value="0 0 7 * * 1-5"/> <input type="text" value="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 194**

- (Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A Common Data Service (CDS) environment has two custom entities named Building code and Work item. Building code has a code date custom field and Work item has an elapsed time custom field. Construction workers use a consolidated custom form with data from both entities to fill in their daily work items.

A JavaScript library is used with these custom entities and fields to apply complex logic. You need to ensure that the JavaScript library continues to function as originally designed if

other developers expand the environment.

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

Does the solution meet the goal?

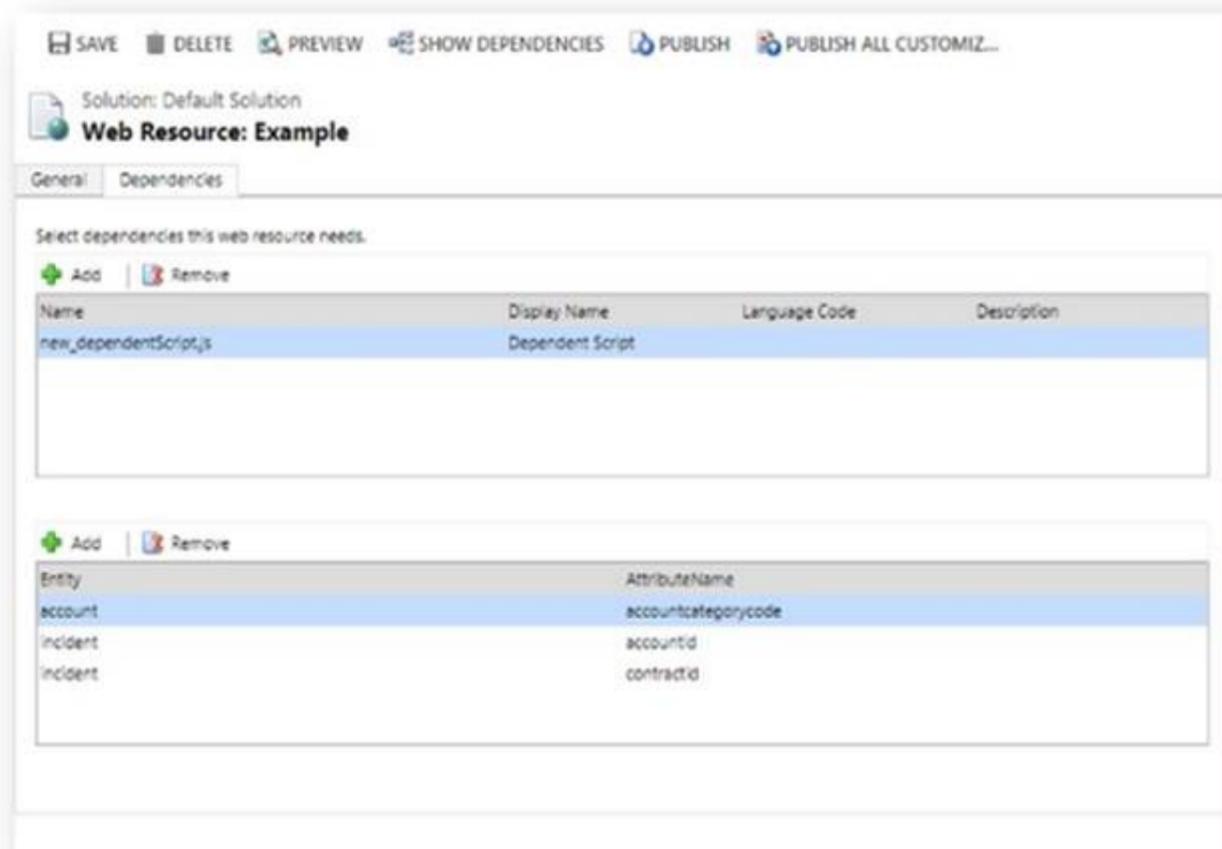
- A. Yes
- B. No

**Answer:** A

**Explanation:**

Within a solution you can define dependencies within solution components. Up until Dynamics 365 for Customer Engagement apps version 9.0 the main purpose of these dependencies was to prevent the deletion of a solution component when another solution component depended on it.

The following image shows the dependencies tab within the web resource form. Dependencies between web resources are set in the top list.



Reference:

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

**NEW QUESTION 195**

- (Topic 6)

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

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

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

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

NOTE: Each correct selection is worth one point.

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

**Answer:** ACE

**Explanation:**

Reference:

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

**NEW QUESTION 198**

- (Topic 6)

A client uses a model-driven app that is deployed by using a managed solution in the production environment. The app contains only entities and UI components and has no custom code or extensions to the platform.

The client needs an exact copy of the app with a different name in the production environment.

You need to recreate this app in production without disrupting the end users. What should you do?

- A. Select the original model-driven app, select Edit, and then select Save As.
- B. Create a new model-driven app
- C. Select the Use existing solution to create the App check box, and then select the solution that contains the original app.
- D. Select the managed solution and select Clone.
- E. Create a new model-driven app, manually add each component, and then recreate its original functions.
- F. Add the original app to a solution, export it as unmanaged, import it into a test environment and rename it, and then deploy it back into production.

**Answer:** B

**Explanation:**

The option Use existing solution allow users to select a specific solution for this app. Users can create a whole new design from scratch by not checking check box of use existing solution.

Reference:

<https://www.inogic.com/blog/2019/02/create-model-driven-app-cds-environment/>

**NEW QUESTION 203**

- (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 207**

- (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 209**

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

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Instead use asynchronous communication.

**NEW QUESTION 212**

HOTSPOT - (Topic 6)

A client is deploying Dynamics 365 Finance without any third-party add-ons. You need to select the appropriate solutions for the client.

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

NOTE: Each correct selection is worth one point.

**Scenario**

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

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

**Solution**

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Out-of-the-box

Box 2: Workflow

**NEW QUESTION 217**

- (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 221**

- (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 223**

DRAG DROP - (Topic 6)

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

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

? Existing vehicle licensing data must be imported into Common Data Service and easily queried.

? Red light camera images must be stored in a repository for later analysis.

? Information about traffic violations must be stored and related to vehicle details.

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

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

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

**NEW QUESTION 225**

- (Topic 6)

You need to connect to the background check API. Which mechanism should you use?

- A. JavaScript
- B. Flow with a custom connector
- C. Azure Function

D. Plug-in

**Answer: C**

**NEW QUESTION 229**

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=
  Enum
  DateandTime.DateandTime
  DateandTime.DateOnly
  usage=
  bound
  input
  required= "true" />
  <resources>
    <code path= "Index.ts" order= "1"/>
    <css path= "css/DatePicker.css" order= "1" />
  </resources>
</control>
</manifest>
```

- 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 231**

DRAG DROP - (Topic 6)

You create a new canvas app.

You update a test case and must test the app in a separate browser. You need to test the app by using Test Studio.

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

- Actions**
- Select a test suite
  - Publish the test
  - Select the OnTestSuiteComplete action
  - Select Copy play link
  - Open a browser and paste the URL for the app into the address bar
  - Send the results from the test to a flow in Power Automate

**Answer Area**



- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

<https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-test-studio>

**NEW QUESTION 234**

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 235**

- (Topic 6)

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

- A. odata.nextLink
- B. odata-context
- C. odata.deltaLink

D. odata.track-changes

**Answer:** B

**NEW QUESTION 240**

- (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 241**

DRAG DROP - (Topic 6)

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

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

NOTE: Each correct selection is worth one point.

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

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Event handler

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

Box 2: Event subscriptions

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

Note:

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

Events - What happened.

Event sources - Where the event took place.

**NEW QUESTION 245**

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.

<input type="radio"/> The field is inserted at the start of the existing section. <input type="radio"/> The field is inserted in the middle of the existing section. <input type="radio"/> The field is appended to the end of the existing section. <input type="radio"/> The field is added in a new section.
--

Create a new section in the Contact main form and add the field to the new section.

<input type="radio"/> The field is inserted at the start of the existing section. <input type="radio"/> The field is inserted in the middle of the existing section. <input type="radio"/> The field is appended to the end of the existing section. <input type="radio"/> The field is added in a new section.
--

Create a new form and add the field to the middle of an existing section.

<input type="radio"/> The field is inserted at the start of the existing section. <input type="radio"/> The field is inserted in the middle of the existing section. <input type="radio"/> The field is appended to the end of the existing section. <input type="radio"/> The field is added in a new section.
--

- 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.

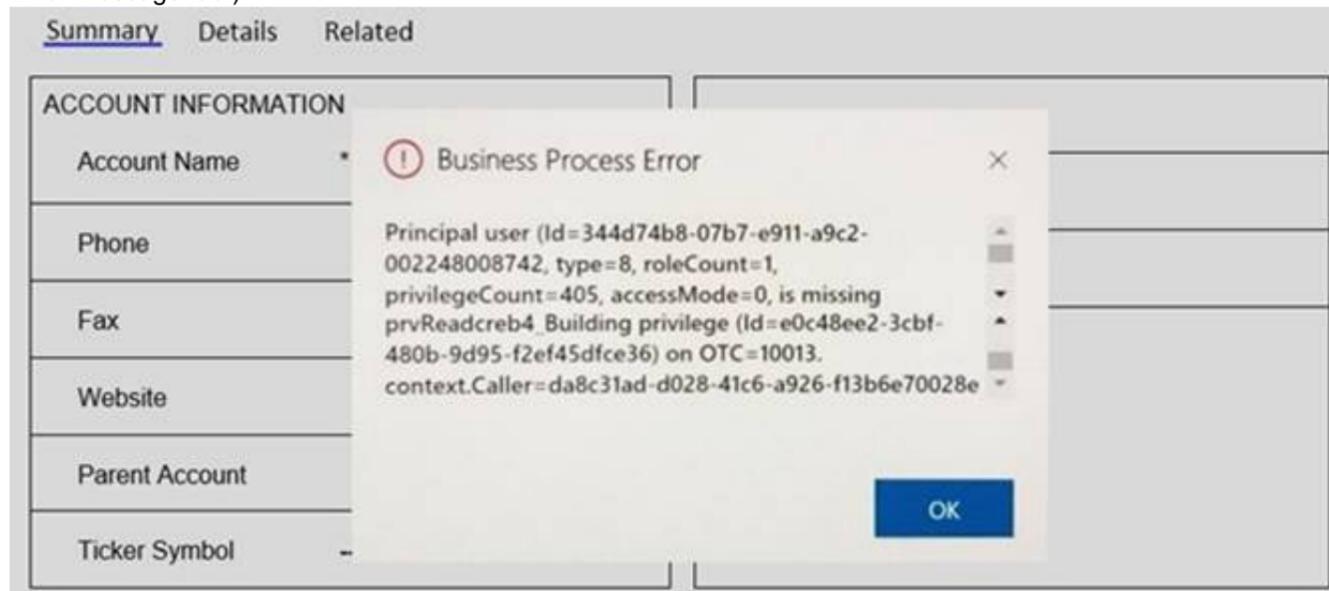
Box 3: The field is inserted in the middle of the existing section

**NEW QUESTION 247**

HOTSPOT - (Topic 6)

You have a model-driven app that uses the Common Data Service (CDS). You create three custom entities that are in many-to-one parental relationships with the Account entity.

You run a real-time workflow that assigns an account you own to another user. You receive the error message as shown in the Error Message exhibit. (Click the Error Message tab.)



You check the security roles for the user as shown in the Manage User Roles exhibit. (Click the Manage User Roles tab.)

# Manage User Roles



What roles would you like to apply to the 1 User you have selected?

Role Name	Business Unit
<input checked="" type="checkbox"/> Common Data Service User	org3f9b041e
<input type="checkbox"/> Delegate	org3f9b041e
<input type="checkbox"/> Environment Maker	org3f9b041e
<input type="checkbox"/> Knowledge Manager	org3f9b041e
<input type="checkbox"/> System Administrator	org3f9b041e
<input type="checkbox"/> System Customizer	org3f9b041e

OK

Cancel

You also check the privileges for that role as shown in the Common Data Service User Security Role exhibit. (Click the Security Role tab.)

Entity	Create	Read	Write	Delete	Append	Append To	Assign	Share
Account								
Asset								
Building								
Job								

You need to prevent the error from recurring.  
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
Changing the <b>Append To</b> privilege on the Account entity to <b>Organization</b> prevents the error from recurring.	<input type="radio"/>	<input type="radio"/>
Adding the Environment Maker role to the user prevents the error from recurring.	<input type="radio"/>	<input type="radio"/>
Adding the System Customizer role to the user prevents the error from recurring.	<input type="radio"/>	<input type="radio"/>
Setting all the privileges for the Building entity to <b>User</b> prevents the error from recurring.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: No  
There is a read error.

Box 2: No

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

Box 3: Yes

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.

Box 4: Yes

**NEW QUESTION 250**

- (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`

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 255**

- (Topic 6)

A company plans to create an order processing app. When orders are created, the app will perform complex business logic and integrate with several external systems.

Orders that have a large number of line items may take up to six minutes to complete. Processing for each order must be completed in one operation to avoid leaving records in an incomplete state.

You need to recommend a solution for the company. What should you recommend?

- A. an asynchronous workflow that uses a custom workflow activity
- B. a real-time workflow that uses a custom action
- C. a webhook that connects to an Azure Function
- D. an asynchronous plug-in

**Answer:** B

**Explanation:**

Real-time Workflows roll back all changes if it fails. As the Workflow is going through the process itself, if it fails, it will roll back all of the prior steps taken.

Reference:

<https://ledgeviewpartners.com/blog/what-are-the-differences-between-real-time-and-background-workflows-in-microsoft-dynamics-365-crm/>

**NEW QUESTION 259**

DRAG DROP - (Topic 6)

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

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Event handler

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

Box 2: Event subscription

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

**NEW QUESTION 262**

- (Topic 6)

A company manages capital equipment for an electric utility company. The company has a SQL Server database that contains maintenance records for the equipment.

Technicians who service the equipment use the Dynamics 365 Field Service mobile app on tablet devices to view scheduled assignments. Technicians use a canvas app to display the maintenance history for each piece of equipment and update the history.

Managers use a Power BI dashboard that displays Dynamics 365 Field Service and real-time maintenance data.

Due to increasing demand, managers must be able to work in the field as technicians. You need to design a solution that allows the managers to work from one

single screen. What should you do?

- A. Add the maintenance history app to the Field Service Mobile app.
- B. Add the manager Power BI dashboard to the Field Service mobile app.
- C. Create a new maintenance canvas app from within the Power BI management dashboard.
- D. Add the maintenance history app to the Power BI dashboard.

**Answer:** D

**Explanation:**

Power BI enables data insights and better decision-making, while Power Apps enables everyone to build and use apps that connect to business data. Using the Power Apps visual, you can pass context-aware data to a canvas app, which updates in real time as you make changes to your report. Now, your app users can derive business insights and take actions from right within their Power BI reports and dashboards.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/powerapps-custom-visual>

**NEW QUESTION 264**

- (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 269**

- (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 274**

- (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 276**

- (Topic 6)

A company is creating a Power Apps portal to collaborate with vendors.

You need to implement custom functionality in the portal by using JavaScript code.

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

NOTE: Each correct selection is worth one point.

- A. Web pages
- B. Web resources
- C. Webforms
- D. Entity lists

**Answer:** CD

**Explanation:**

C: The Web Form Step record contains a field named Custom JavaScript that can be used to store JavaScript code to allow you to extend or modify the form's visual display or function.

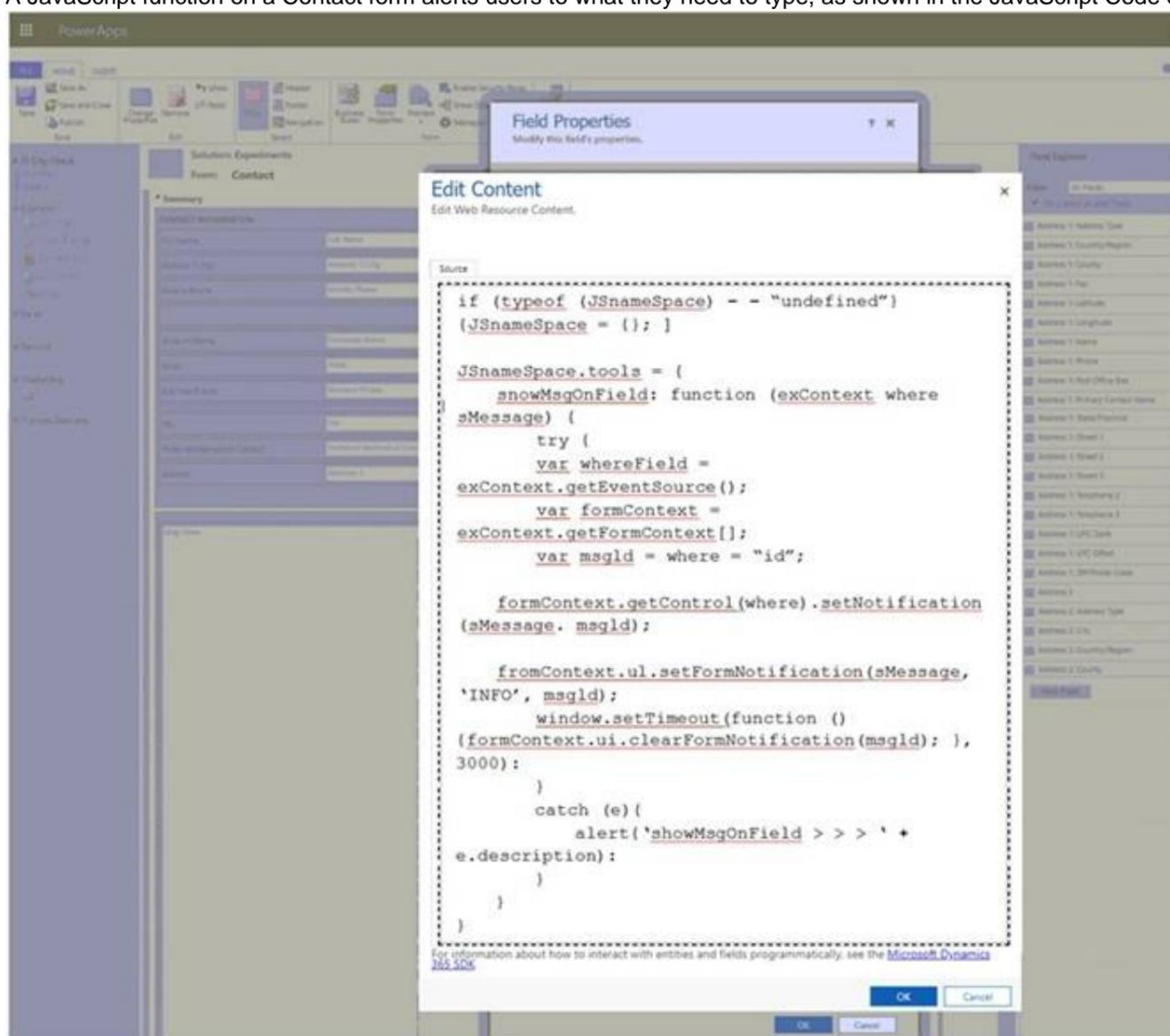
D: You can add custom Javascripts to Entity lists. Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/add-custom-javascript> <https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/entity-lists#add-custom-javascript>

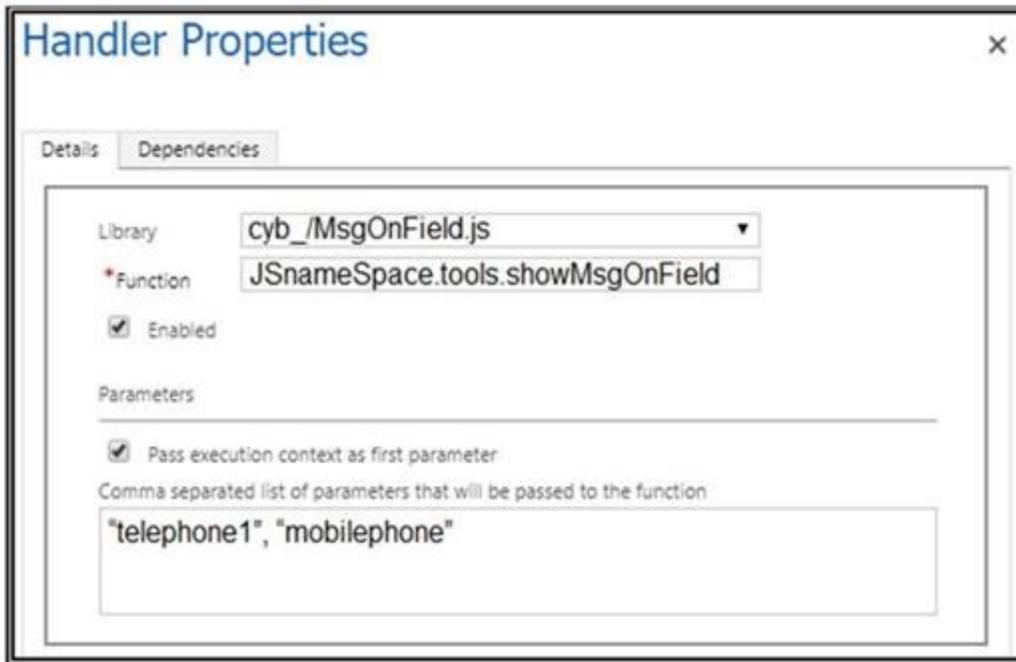
**NEW QUESTION 280**

HOTSPOT - (Topic 6)

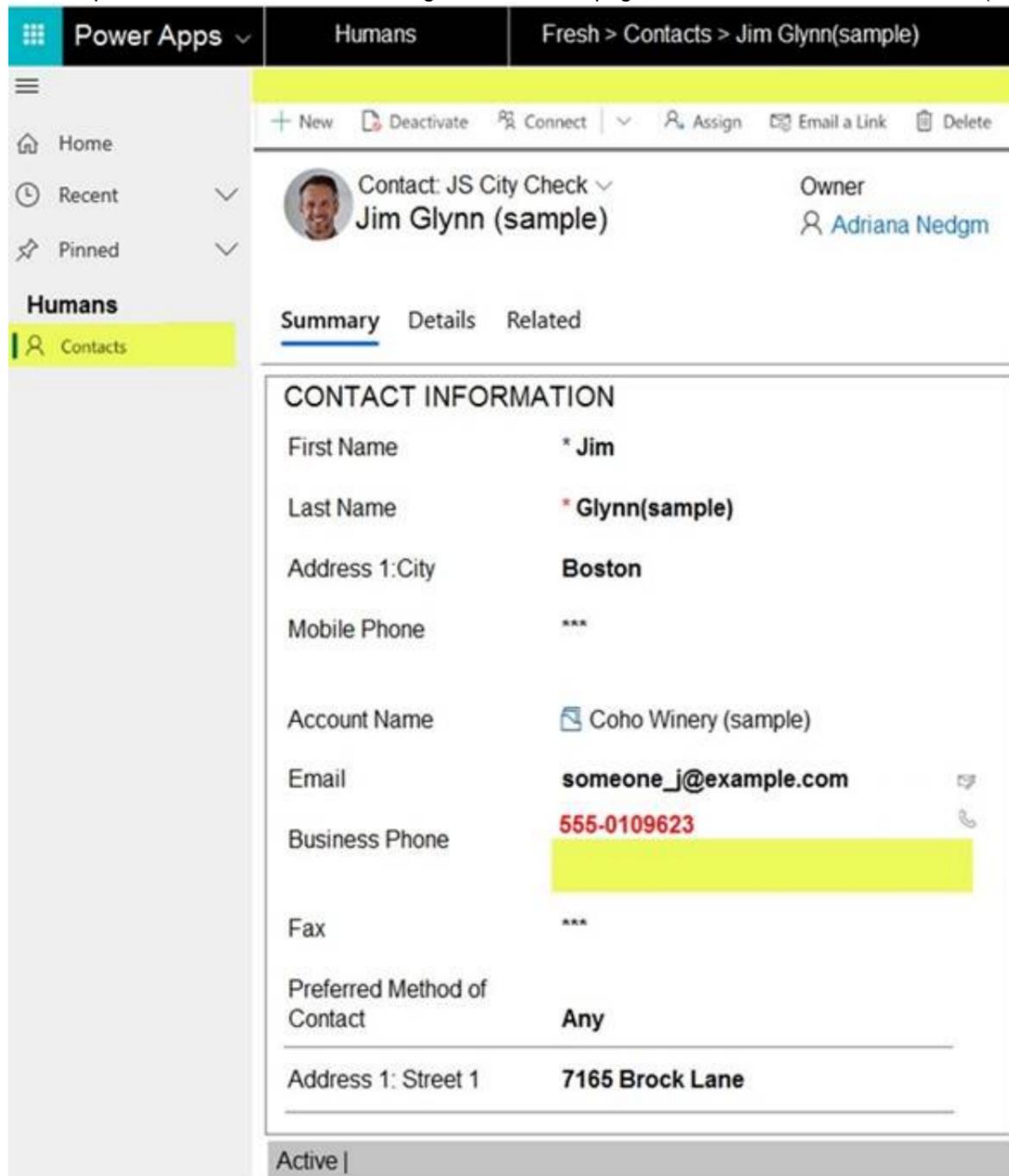
A JavaScript function on a Contact form alerts users to what they need to type, as shown in the JavaScript Code exhibit. (Click the JavaScript Code tab.)



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



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



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

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

setNotification displays an error message for the control to indicate that data isn't valid. When this method is used, a red "X" icon appears next to the control. On Dynamics 365 mobile clients, tapping on the icon will display the message.

Syntax: formContext.getControl(arg).setNotification(message,uniqueId); Box 2: No

Box 3: Yes

setFormNotification displays form level notifications. You can display any number of notifications and they will be displayed until they are removed using clearFormNotification.

Syntax: formContext.ui.setFormNotification(message, level, uniqueId); Box 4: No

**NEW QUESTION 283**

HOTSPOT - (Topic 6)

You work for a not-for-profit agency that manages business processes by using Power Platform custom entities.

Volunteer registration and onboarding are manual processes that include multiple related entities.

You need to implement a portal solution that replaces the manual processes.

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

NOTE: Each correct selection is worth one point.

Requirement	Module
Create a portal by using a portal template	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">Starter portal</div> <div style="padding: 2px;">Community portal</div> <div style="padding: 2px;">Customer self-service portal</div> </div>
Manage volunteer registration	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <div style="padding: 2px;">Entity form metadata</div> <div style="padding: 2px;">Webform</div> <div style="padding: 2px;">Webform step</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Customer self-service portal

Customer self-service portal: A customer self-service portal enables customers to access self-service knowledge, support resources, view the progress of their cases, and provide feedback.

Box 2: Entity form metadata

The Advanced Form Metadata contains additional behavior modification logic to augment or override the functionality of form fields that is otherwise not possible with native basic form editing capabilities.

**NEW QUESTION 288**

- (Topic 6)

You are creating a model-driven app.

A JavaScript function must be manually initiated by the user from within an entity form. You need to add a button to the form to run the JavaScript.

What should you do?

- A. Use the Ribbon Workbench.
- B. Edit the SiteMap.
- C. Edit the XML for the form.
- D. Edit ISV.Config.
- E. Export the ribbon definitions.

**Answer:** A

**Explanation:**

How to add JavaScript to existing button in Ribbon WorkBench.

Open Ribbon workbench and Right click on Assign button from Account form and click on Customize Button. Add Enable rule and call Javascript function.

Reference:

[https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/customize- commands-ribbon](https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/customize-commands-ribbon)

**NEW QUESTION 293**

- (Topic 6)

A company uses a model-driven app to record details of laboratory test.

You are asked to create a custom component that makes it easier to capture multiple values from lab test results on mobile devices.

You need to create the interface for the dataset in case the mobile devices lose connection to the network.

Which method should you use?

- A. SaveData
- B. updateView
- C. init
- D. getClient

**Answer:** A

**Explanation:**

Use LoadData and SaveData for basic data storage while offline.

Note:

When building mobile apps, one of the most common scenarios app makers face is how to enable their users be productive in situations where there is limited or no connectivity at all. This has been one of the most requested features for PowerApps to allow running apps while being disconnected and to provide some support for offline data caching. In this release of PowerApps, we are delivering the first set of improvements for app makers to achieve that by enabling:

- ? Launching the PowerApps mobile player app offline
- ? Running apps while being offline
- ? Determine when your app is online or offline or in a metered connection by using the Connection signal object.
- ? Leverage existing formulas such as LoadData and SaveData for basic data storage while offline.

Reference:

<https://powerapps.microsoft.com/sv-se/blog/build-offline-apps-with-new-powerapps-capabilities/>

**NEW QUESTION 296**

HOTSPOT - (Topic 6)

A company uses a custom Power Platform app to create and manage programs. The company has a public website that uses TLS 1.0.

The public website is outside of the corporate domain. The website uses POST requests to save data.

You need to automate the transfer of data to the public website.

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

**Answer Area**

Step	Action
Move program data to the public website.	<div style="border: 1px solid gray; padding: 5px;"> <ul style="list-style-type: none"> <li>Create an Azure Function app</li> <li>Create an asynchronous webhook</li> <li>Create a Power Automate instant cloud flow</li> <li>Create a plug-in that uses a secure connection</li> </ul> </div>
Package the program details.	<div style="border: 1px solid gray; padding: 5px;"> <ul style="list-style-type: none"> <li>Use the Power Automate HTTP request trigger.</li> <li>Configure a shared access signature for the Azure Function.</li> <li>Register a pre-image for the program create message step in the Plug-in Registration tool.</li> <li>Register a step for the program create message step by using the Plug-in Registration tool.</li> </ul> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Create a plug-in Register a step

**NEW QUESTION 299**

HOTSPOT - (Topic 6)

You need to complete a Power Apps component framework (PCF) control.

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

NOTE: Each correct selection is worth one point.

```

<resources>
<code path="scripts/HelloWorldControlWave.js" order="1" />
<code path="scripts/HelloWorldControlRandom.js" order="2" />
<css path="style/HelloWorldControl.css" order="
    
```

1

2

3

```

" />
<html path="HelloWorldControlWaveRandom.htm" order="
    
```

1

2

3

```

" />
</resources>
    
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: 1

The css order element is the order in which the CSS files should load.

Box 2: 1

The html order element is the order in which the HTML files should load.

**NEW QUESTION 303**

- (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. Determine whether the solution meets 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 university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.

Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.

You need to configure the security to meet the business requirements.

Solution: Share the individual opportunity that member of one department are working on with all members of the second department, and give those members the appropriate permissions.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 306**

HOTSPOT - (Topic 6)

You are creating a package for a Power Platform solution. The package will include custom code and sample data.

The package must include all files that need to be installed. You need to configure the package.

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

NOTE: Each correct selection is worth one point.

**Configuration option**

**Value**

File that you must edit to include custom code.

PackageTemplate.cs
ImportConfig.xml
CRMSDKTemplates.vsix
ComplexImportDetail.log

File to edit to include sample data.

CRMSDKTemplates.vsix
<Solutionpackagefilename>.zip
ImportConfig.xml
PackageTemplate.cs

Value for the Copy to Output Directory setting.

Copy Always
Do Not Copy
Copy If Newer
Empty

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: PackageTemplate.cs

Define custom code for your package in the PackageTemplate.cs file. Box 2: ImportConfig.xml

The sample data and some flat files for solutions specified in the ImportConfig.xml file are imported before the solution import completes.

Box 3: Copy Always

Set the Copy to Output Directory value to Copy Always. This ensures that your file is available in the generated package.

**NEW QUESTION 309**

HOTSPOT - (Topic 6)

A manufacturing company takes online orders.

The company requires automatic validation of order changes. Requirements are as follows:

? If validation is successful, the order is submitted.

? If exceptions are encountered, a message must be shown to the customer.

You need to set up and deploy a plug-in that encapsulates the rules.

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

NOTE: Each correct selection is worth one point.

Settings	Options
Execution stage	<div style="border: 1px solid black; padding: 2px;">▼</div> <div style="border: 1px solid black; padding: 2px;">PreValidation</div> <div style="border: 1px solid black; padding: 2px;">PreOperation</div> <div style="border: 1px solid black; padding: 2px;">PostOperation</div>
Execution mode	<div style="border: 1px solid black; padding: 2px;">▼</div> <div style="border: 1px solid black; padding: 2px;">Asynchronous</div> <div style="border: 1px solid black; padding: 2px;">Synchronous</div>
Image	<div style="border: 1px solid black; padding: 2px;">▼</div> <div style="border: 1px solid black; padding: 2px;">Pre image</div> <div style="border: 1px solid black; padding: 2px;">Post image</div>
Error message	<div style="border: 1px solid black; padding: 2px;">▼</div> <div style="border: 1px solid black; padding: 2px;"> <pre>throw new InvalidPluginExecutionException("Your error message", ex); tracingService.Trace("Your error message: {0}", ex.ToString());</pre> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: PreValidation

PreValidation: For the initial operation, this stage will occur before the main system operation.

This provides an opportunity to include logic to cancel the operation before the database transaction.

Box 2: Synchronous

Ideally, you should only cancel operations using synchronous plug-ins registered in the PreValidation stage.

Box 3: Pre Image Box 4: throw ..

When you throw an InvalidPluginExecutionException exception within a synchronous plug-in an error dialog with your message will be displayed to the user.

**NEW QUESTION 310**

- (Topic 6)

You are developing a model-driven app for a company. The app must map child records to a parent record.

You need to use the column mapping feature to configure the app.

Which two actions can you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Map the value of columns on both the child table quick-create and main forms to the value for the same columns on the parent table.
- B. Map the value of a column on the parent table that uses column values from the child table.
- C. Map the value of a Choices column on the child table to the value of a Choices column on the parent table.
- D. Map the value of a single line of text column on the child table to the value of a currency column on the parent record.

**Answer:** AC

**NEW QUESTION 315**

DRAG DROP - (Topic 6)

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

Which features should you select? To answer, drag the appropriate features to the correct requirements. Each feature 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.

Features	Requirement	Feature
Cascade User Owned	When a primary record is deleted, the associated referential records must also be deleted.	<input type="text"/>
Referential Restrict Delete	When a record is assigned to a user, all referential active records must also be assigned to that user.	<input type="text"/>
Referential	When a primary record is deleted, the associated record must not be deleted.	<input type="text"/>
Parental		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

\* 1. Parental : Any action taken on a record of the parent table is also taken on the related child table records.

\* 2. Cascade user owned: Perform the action on all referencing entity records owned by the same user as the referenced entity.

\* 3. Referential: Any related records can be navigated to, and actions taken on one will not affect the other.

**NEW QUESTION 318**

DRAG DROP - (Topic 6)

You need to develop a Power Apps Component Framework (PCF) component for a company.

You must follow Microsoft's application lifecycle management (ALM) process for code components.

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

Actions	Answer area
Deploy the component in a testing environment.	
Create a code component project.	
Implement code component logic.	
Create a solution project and add the code component project as a reference.	
Build the code component in release mode.	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Actions	Answer area
Deploy the component in a testing environment.	
Create a code component project.	Create a code component project.
Implement code component logic.	Implement code component logic.
Create a solution project and add the code component project as a reference.	Create a solution project and add the code component project as a reference.
Build the code component in release mode.	Build the code component in release mode.

**NEW QUESTION 323**

- (Topic 6)

A company is creating a one-way integration from the Common Data Service to an external system. Data will be sent from a webhook to an Azure Function.

You need to configure the Azure Function to handle data from the webhook.

Which class and data type must the Azure Function handle?

- A. RemoteExecutionContext in .NET binary format
- B. RemoteExecutionContext in JSON format
- C. RemoteExecutionContext in XML format
- D. IPluginExecutionContext in JSON format
- E. IPluginExecutionContext in XML format

**Answer: B**

**Explanation:**

The body will contain string that represents the JSON value of an instance of the RemoteExecutionContext class.

Reference:

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

**NEW QUESTION 328**

HOTSPOT - (Topic 6)

A company imports data from files.

The following code is created to import the files. (Line numbers are included for reference only.)

```

1. var transactionrequest = new ExecuteTransactionRequest()
2. {
3.   Requests = new OrganizationRequestCollection(),
4.   ReturnResponses = true
5. };
6. -
7. foreach (DataRow dr in Rows)
8. {
9. -
10. var contact = new Entity("contact");
11. contact["firstname"] = firstname;
12. contact["lastname"] = lastname;
13. var createRequest = new CreateRequest() {Target = contact};
14. transactionrequest.Requests.Add(createRequest);
15. }
16. try
17. {
18. var response = (ExecuteTransactionResponse)crmSvc.Execute(transactionrequest);
19. foreach (var responseItem in response.Responses)
20. {
21. var createResponse = (CreateResponse)responseItem;
22. Console.WriteLine("Created: {0}", createResponse.id.ToString());
23. }
24. }
25. catch (FaultException<Microsoft.Xrm.Sdk.OrganizationServiceFault> ex)
26. {
27. Console.WriteLine("Error: {0}", ((ExecuteTransactionFault)(ex.Detail)).FaultedRequestIndex + 1, ex.Detail.Message);
28. }

```

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
If an error occurs when one of the contacts is created, processing will continue, and the remainder of the contacts will be created.	<input type="radio"/>	<input type="radio"/>
,ContinueOnError = true can be added at line 5.	<input type="radio"/>	<input type="radio"/>
The order of requests is performed in the sequence added to transactionrequest.	<input type="radio"/>	<input type="radio"/>
Lines 19-23 are required for the contacts to be created.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: No

Need to set ContinueOnError=True. ContinueOnError: When true, continue processing the next request in the collection even if a fault has been returned from processing the current request in the collection. When false, do not continue processing the next request.

Box 2: No

ContinueOnError = true must be added before Requests = new OrganizationRequestCollection() on line 3.

Example:

```
// Create an ExecuteMultipleRequest object. requestWithResults = new ExecuteMultipleRequest()
{
// Assign settings that define execution behavior: continue on error, return responses. Settings = new ExecuteMultipleSettings()
{
ContinueOnError = false, ReturnResponses = true
},
// Create an empty organization request collection. Requests = new OrganizationRequestCollection()
};
```

Box 3: Yes

You can use the ExecuteMultipleRequest message to support higher throughput bulk message passing scenarios in Common Data Service.

ExecuteMultipleRequest accepts an input collection of message Requests, executes each of the message requests in the order they appear in the input collection, and optionally returns a collection of Responses containing each message's response or the error that occurred.

Box 4: No

This is just for displaying the result.

**NEW QUESTION 329**

HOTSPOT - (Topic 6)

A clothing store uses Power Apps apps to interact with customers. Customer data is stored in Microsoft Dataverse.

The store offers discounts for customers. You assign a group discount to all customers in a category. Applicable group discounts are added to any customer-specific discounts. Discount information is stored in the following columns:

Information type	Column
Group discount	store_groupdiscount
Personal discount	store_personaldiscount
Total discount	store_totaldiscount

If the total discount on an order exceeds 30 percent, a manager must approve the order before the order is fulfilled and delivered.

You need to create a flow that notifies managers when approvals are required.

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

NOTE: Each correct selection is worth one point.

**Trigger setting**

Filtering attribute

**Configuration**

store\_groupdiscount

store\_personaldiscount

store\_totaldiscount

Trigger condition

@add(store\_personaldiscount, store\_groupdiscount) gt 30

@greater(add(triggerBody()['body/store\_personaldiscount'], triggerBody()['body/store\_groupdiscount']), 30)

@greater(add(triggerOutputs()['body/store\_personaldiscount'], triggerOutputs()['body/store\_groupdiscount']), 30)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: store\_totaldiscount

If the total discount on an order exceeds 30 percent, a manager must approve the order before the order is fulfilled and delivered.

Box 2: @greater(add(triggerBody()..

When to use triggerBody() ? – When you want to fetch attributes from the body of the trigger.

**NEW QUESTION 330**

DRAG DROP - (Topic 6)

Five high schools test a custom app from AppSource. They provide feedback that the Course credit entity should include additional fields that cover information shared by the schools.

You do not have access to each high school organization.

Each high school administrator must be able to apply the updates to the Course credit entity.

You need to deliver a custom program that creates the additional fields.

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

Actions	Answer Area
Retrieve the Course credit entity metadata by using RetrieveEntityRequest with LogicalName.	
Retrieve the Course credit entity metadata by using RetrieveEntityRequest with MetadataId.	
Define the AttributeMetadata for each new field.	⬅
Call the CreateAttributeRequest constructor for each new field.	➡
Call the RetrieveAttributeRequest with LogicalName for each new field.	
Call the login logic.	
Retrieve the Course credit entity metadata by using RetrieveEntityRequest with EntityFilters = Attributes and LogicalName.	⬆

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Call the login logic.

Step 2: Retrieve the Course credit entity metadata by using RetrieveEntityRequest with EntityFilters = Attributes and LogicalName

The RetrieveEntityRequest.EntityFilters property gets or sets a filter to control how much data for the entity is retrieved.

Step 3: Define the AttributeMetaData for each new field.

Step 4: Call the RetrieveAttributeRequest with LogicalName for each new field. The RetrieveAttributeRequest contains the data that is needed to retrieve attribute metadata.

**NEW QUESTION 334**

- (Topic 6)

You are deploying a Power Apps app that uses the custom connector for ServiceNow.

The app loads very slowly for some users. You determine that all records from ServiceNow are being retrieved for every user.

The app must load only incidents that are assigned to each user. You need to limit the number of records that the connector returns. What should you do?

- A. Apply a Lifecycle Services asset scope
- B. Apply a business process flow
- C. Apply the Azure APIM parameter
- D. Apply a connector policy template

**Answer:** D

**Explanation:**

You can configure policy templates for custom connectors. Policies allow you to modify the behavior of a custom connector at runtime. You can use policies to perform data conversion, route requests, set parameter values, and more. You can configure policies directly in the custom connector API properties file before import, or you can do it from the maker portal in the custom connector designer by applying policy templates.

Note: ServiceNow Action: GetRecords Summary: List Records

Description: Gets records of a certain ServiceNow object type like 'Incidents' Syntax:ServiceNow.GetRecords (string tableType, [advanced][Optional]boolean sysparm\_display\_value, [advanced][Optional]boolean sysparm\_exclude\_reference\_link, [advanced][Optional]string sysparm\_query, [advanced][Optional]integer sysparm\_limit, [advanced][Optional]integer sysparm\_offset)

Reference:

<https://docs.microsoft.com/en-us/learn/modules/policy-templates-custom-connectors/> <https://www.carlosag.net/PowerApps/Connectors/ServiceNow>

**NEW QUESTION 338**

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