



## Microsoft

### Exam Questions PL-400

Microsoft Power Platform Developer

**NEW QUESTION 1**

- (Exam Topic 1)

You need to select connectors for the app.

Which types of connectors should you use? To answer, drag the appropriate connectors to the correct requirements. Each connector 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.

Connectors	Requirement	Connectors
Create a custom connector.	View full registration records.	
Use an AppSource connector.	View customer names.	
Use a native application function.	View daily registrations.	
Create a connector with a Postman collection.		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Create a custom connector

A custom connector is a wrapper around a REST API (Logic Apps also supports SOAP APIs) that allows Logic Apps, Power Automate, or Power Apps to communicate with that REST or SOAP API.

Box 2: Use an AppSource connector

You can only retrieve the Customer, UnifiedActivity, and Segments entities through the Power Apps connector. Other entities are shown because the underlying connector supports them through triggers in Power Automate.

Scenario: Customer information is stored in the Accounts entity. Box 3: Use a native application function

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

Reference:

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

<https://docs.microsoft.com/en-us/dynamics365/customer-insights/audience-insights/export-power-apps>

**NEW QUESTION 2**

- (Exam Topic 1)

You need to determine the primary cause of the issue reported by interns when they use the app. What is the primary cause?

- A. Interns have the System Customizer security role but need the Environment Maker security role.
- B. Interns have the Common Data Service User security role but need the Environment Maker security role.
- C. Interns have the Environment Maker security role but need the Common Data Service User security role.
- D. Interns have the Environment Maker security role but need the System Customizer security role.
- E. Interns have the Environment Maker security role but need the Delegate security role.

**Answer:** D

**Explanation:**

Scenario: Interns can create apps but cannot interact with their own data.

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

System Customizer role: full permission to customize the environment. However, users with this role can only view records for environment entities that they create.

**NEW QUESTION 3**

- (Exam Topic 1)

You need to handle errors in UpdateRecord.js. Which code segment should you add at line UR06?

- A. `catch(error) { D18912E1457D5D1DDCDBD40AB3BF70D5Dalert("Caught error: " + error.message);}`
- B. `Exception exception = Server.GetLastError() ; if(exception != null){}`
- C. `catch(exception e){ console.writeline(e)}`
- D. `function (error){ console.log(error.message)}`

**Answer:** A

**Explanation:**

The catch statement lets you handle the error. Syntax: `catch(err) {`

Block of code to handle errors

`}`

Reference: [https://www.w3schools.com/js/js\\_errors.asp](https://www.w3schools.com/js/js_errors.asp)

**NEW QUESTION 4**

- (Exam Topic 1)

You need to address the user interface issues.

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

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

Scenario: The captions for the New and Save buttons do not render properly on the form.

You can use the an in-app tool called the Command Checker to inspect the ribbon component definitions to help us determine why the button is not rendered correctly.

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

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

Box 2: Use the Ribbon Workbench Adding Buttons to Ribbons

- > Download and install Ribbon Workbench.
- > Select a suitable ICON for your button.
- > Create a solution.
- > Edit the button in Ribbon Workbench.
- > Publish and test.

Reference:

<https://support.microsoft.com/en-us/help/4552163/ribbon-troubleshooting-guide> <https://neilparkhurst.com/2015/10/19/adding-buttons-to-ribbons/>

**NEW QUESTION 5**

- (Exam 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 6**

- (Exam Topic 2)

You need to replace the bicycle inspection forms.

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

NOTE: Each correct selection is worth one point.

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

**Answer:** AD

**Explanation:**

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

Reference:

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

**NEW QUESTION 7**

- (Exam Topic 2)

You need to identify the execution mode that is being used for the ISV solution reported by User5. Which type of execution mode is in use?

- A. asynchronous
- B. atomicity
- C. transfer
- D. synchronous

**Answer: D**

**Explanation:**

User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution. When you choose to use a synchronous execution mode any failure will be reported back to the user of the application with an Endpoint unavailable error dialog informing the user that the webhook service endpoint may be configured incorrectly or is not available.

Reference:

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

**NEW QUESTION 8**

- (Exam Topic 4)

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 inRows)
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. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-reque>

**NEW QUESTION 9**

- (Exam Topic 4)

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 10**

- (Exam Topic 4)

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

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: Step

Each step represents a field where data can be entered.

Stages tell you where you are in the process, while steps are action items that lead to a desired outcome. Box 2: Branching condition

You can enhance a business process flow with branching. If you have the create permissions on business

process flows, you'll be able create business process flow with multiple branches by using the If-Else logic. Box 3: Stage

Each stage contains a group of steps. Reference:

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

**NEW QUESTION 10**

- (Exam Topic 4)

A company creates a custom connector to use in a flow named Search Company.

When this custom connector is used, requests must be redirected to a different endpoint at runtime. You need to apply a policy to the custom connector to route calls to a different endpoint.

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

Actions	Answer Area
Select the <b>Search Company</b> custom connector in the Microsoft Flow portal under Custom connectors and select <b>edit</b> .	
Select the Definition tab.	
Select the Security tab.	⊖
Select New Action.	⊕
Select References.	
Select New Policy.	
Select the <b>Search Company</b> custom connector in the Microsoft Flow portal under Connections and select <b>edit</b> .	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Select the Search Company custom connector in the Microsoft Flow portal under Custom connectors and select edit.

Login to the Microsoft Flow portal, and on right top corner click on the settings icon and then click on custom connectors option.

Step 2: Select the Definition tab

Policy template are available only for custom connectors. To use a policy template, open Power Automate portal and either create a new custom connector or edit an existing one.

- > In the custom connector wizard, select the Definition page.
- > From the Definition page, select New Policy.
- > Etc.

Step 3: Select New Policy Reference:

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

**NEW QUESTION 14**

- (Exam Topic 4)

You are building a custom application in Azure to process resumes for the HR department. The app must monitor submissions of resumes.

You need to parse the resumes and save contact and skills information into the Common Data Service. Which mechanism should you use?

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

**Answer:** A

**Explanation:**

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

For example, you can use Dataverse within Power Automate in these key ways:

Create a flow to import data, export data, or take action (such as sending a notification) when data changes. Instead of creating an approval loop through email, create a flow that stores approval state in an entity, and then build a custom app in which users can approve or reject items.

Reference:

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

**NEW QUESTION 19**

- (Exam Topic 4)

A bank uses a Common Data Service solution to manage clients.

Bank representatives perform client credit checks while the client is present. Credit checks may take up to five minutes to complete.

Bank policy dictates that the bank representative's app must stay blocked until credit checks are complete. You need to display a model-driven app while credit checks run to ask the bank representative and client to wait for the credit check to complete.

Which function should you use?

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

**Answer:** D

**Explanation:**

showProgressIndicator displays a progress dialog with the specified message.

Any subsequent call to this method will update the displayed message in the existing progress dialog with the message specified in the latest method call.

The progress dialog blocks the UI until it is closed using the closeProgressIndicator method. So, you must use this method with caution.

Reference:

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

**NEW QUESTION 20**

- (Exam Topic 4)

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 23**

- (Exam Topic 4)

A company is preparing to go live with their Dynamics 365Sales solution, but first they need to migrate data from a legacy system. The company is migrating accounts in batches of 1,000.

When the data is saved to Dynamics 365 Sales, the IDs for the new accounts must be output to a log file. You have the following code:

```

1. ExecuteMultipleRequest request = new ExecuteMultipleRequest ()
2. {
3.     Settings = new ExecuteMultipleSettings ()
4.     {
5.         ContinueOnError = true,
6.         ReturnResponses = false
7.     },
8.     Requests = new OrganizationRequestCollection ()
9. };
10. GetAccountData (request.Requests);
11. ExecuteMultipleResponse responseWithResults = (ExecuteMultipleResponse)
    crmSvc.Execute (request);
12. foreach (var responseItem in responseWithResults.Responses)
13. {
14.     . . .
15. }
```

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

Statement	Yes	No
The developer is able to get access to the newly-created accounts IDs.	<input type="radio"/>	<input type="radio"/>
If an error occurs, the developer can get access to the request that caused the fault.	<input type="radio"/>	<input type="radio"/>
If there are errors in the requests, the request will raise an exception at the first error and stop processing.	<input type="radio"/>	<input type="radio"/>
If there are ten errors in the 1,000 CreateRequest requests, ten responses will be returned from the platform.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: No

Box 2: Yes

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.

ReturnResponses: When true, return responses from each message request processed. When false, do not return responses.

When false, the Responses collection will not be empty if errors are returned. If errors are returned, there will be one response item in the collection for each processed request that returned a fault and Fault will be set to the actual fault that occurred.

Box 3: No

Box 4: Yes

For example, in a request collection that contains six requests where the third and fifth request return faults, the following table indicates what the Responses collection would contain.

ContinueOnError=true, ReturnResponses=false: 2 response items: 2 have Fault set to a value. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-reque>

**NEW QUESTION 28**

- (Exam Topic 4)

A company updates their client contact information periodically. The contact entity has alternate keys defined.

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

```

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

```

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-alternate-key-create-record>

**NEW QUESTION 32**

- (Exam Topic 4)

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

Artists experience errors on their Artist canvas app and delays when switching pages. You need to identify the root causes of these issues. Which troubleshooting methods should you use? To answer, select the appropriate options in the answer area.  
 NOTE: Each correct selection is worth one point.

Issue	Troubleshooting method
Artist canvas app has errors.	<ul style="list-style-type: none"> <li>PowerApp Checker</li> <li>Solution Checker</li> <li>Site Map validation</li> </ul>
Application runs slowly.	<ul style="list-style-type: none"> <li>PowerApps Admin Center</li> <li>Service Performance in PowerApps Analytics</li> <li>Dynamics 365 Service Health</li> <li>PowerApps client session details</li> </ul>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Site Map validation

When you validate the app, the app designer canvas shows you details about the assets that are missing. In the app designer, select Validate. A notification bar appears and shows you whether the app has any errors or warnings. The notification bar shows warnings in cases where, for example, an entity has no forms or views, or the app doesn't contain any components. An error might appear if a site map isn't configured for the app.



Reference:

- <https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/validate-app>
- <https://community.dynamics.com/crm/b/crminthefield/posts/monitoring-the-power-platform-canvas-driven-apps>

**NEW QUESTION 33**

- (Exam Topic 4)

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 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 Reference:

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

**NEW QUESTION 35**

- (Exam Topic 4)

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

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

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

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

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

**Answer:** D

**Explanation:**

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

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

Reference:

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

**NEW QUESTION 36**

- (Exam Topic 4)

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-acces>

#### NEW QUESTION 41

- (Exam Topic 4)

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 46

- (Exam Topic 4)

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

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

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

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

You need to design the integration solution.

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

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

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

- A. Yes
- B. No

**Answer:** A

#### Explanation:

Microsoft Dataverse supports integration with Azure.

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

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

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

#### NEW QUESTION 49

- (Exam Topic 4)

You are creating a Power Apps app that retrieves customer information from Azure Active Directory when you use the app to look up a customer record.

You create an Azure Function by using JSON code to retrieve the customer information. You need to make the application work.

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

NOTE: Each correct selection is worth one point.

- A. Create a Power Automate flow to import data.
- B. Create a custom connector that uses the Azure Function API.
- C. Copy your JSON code to the app.
- D. Create a custom connector that uses the JSON code.
- E. Create an API definition for the Azure Function.

**Answer:** BE

#### Explanation:

E: Before exporting an API, you must describe the API using an OpenAPI definition.

B: This OpenAPI definition contains information about what operations are available in an API and how the request and response data for the API should be structured. PowerApps and Microsoft Flow can create custom connectors for any OpenAPI 2.0 definition.

Reference:

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/azure-functions/app-service-export-api-topow>

#### NEW QUESTION 53

- (Exam Topic 4)

You are developing a Web API for a company.

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

**Requirement**

**Operation**

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

▼

Functions
Actions
Entities

Implement operations that allow side effects, such as data modification

▼

Functions
Actions
Entities

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

▼

Complex types
Entity types
Enumeration types

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Functions

Box 2: Actions

Box 3: Complex types

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

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/web-api-types-operations#>

**NEW QUESTION 54**

- (Exam Topic 4)

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. Reference:  
<https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveentityrequest.entityfilters?view>

**NEW QUESTION 59**

- (Exam Topic 4)

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.	<div style="display: flex; align-items: center; justify-content: center;"> <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">&gt;</span> <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">&lt;</span> </div>
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.	<div style="display: flex; align-items: center; justify-content: center;"> <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">^</span> <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px 5px; margin-right: 5px;">v</span> </div>
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.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/admin/field-level-security>

**NEW QUESTION 61**

- (Exam Topic 4)

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:** E

**Explanation:**

Ref: <https://docs.microsoft.com/en-us/azure/active-directory/develop/msal-overview>

**NEW QUESTION 63**

- (Exam Topic 4)

An organization has a Dynamics 365 Customer Engagement.

You plan to use a JavaScript web resources file in the Accounts form. The file has a dependency on two image web resource files and on the custom field new\_placeofbirth in the Account entity.

You need to add the dependencies for the JavaScript file.

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

- A. From Web Resources, select the JavaScript file for the Account form and then select the JavaScript file.
- B. Open the web resources file, add the two image web resources to the dependency's lists, and then add the custom field new\_placeofbirth to the dependency's list.
- C. In the Account form, select Form Properties, select Non-Event Dependencies, and then add the customfield new\_placeofbirth.
- D. In the Account form, select Form Properties and add the primary JavaScript file and the other two imageweb resources in Form Libraries.
- E. From Settings, select Customization and then select Customize the System.
- F. Select Account, select Forms, and then select the Account form.

**Answer:** CEF

**Explanation:**

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

**NEW QUESTION 65**

- (Exam Topic 4)

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 68**

- (Exam Topic 4)

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 71**

- (Exam Topic 4)

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 Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships>

**NEW QUESTION 76**

- (Exam Topic 4)

A travel company has a Common Data Service (CDS) environment. The company requires the following:

- > Custom entities that track which countries/regions their clients have traveled.
- > The dates their clients traveled to these countries/regions.

You need to create the entities and relationships to meet the requirements.

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**

On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date.

Create a 1:N relationship from Contact to the Country entity.

Create a N:N relationship from Contact to the Country entity.

Create a 1:N relationship from ContactCountry intersect entity and Country.

Create the Country entity.

On the main form for ContactCountry, add a sub grid to view the country information.

Create an intersect entity named ContactCountry and create two N:1 relationships to Contact and Country.

Create an intersect entity named ContactCountry and create two 1:N relationships to Contact and Country.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

You can configure a sub-grid on a form to display a list of records or a chart. Reference:  
<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/sub-grid-properties>

**NEW QUESTION 81**

- (Exam Topic 4)

A company has two development instances, two test instances, two staging instances, and one production instance. The test team reports connection issues with the test and staging instances.

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

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

**Answer:** CE

**Explanation:**

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

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

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

Reference:

<https://docs.microsoft.com/en-in/dynamics365/customerengagement/on-premises/developer/webapi/discover-url> <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/samples/global-discovery>

**NEW QUESTION 85**

- (Exam Topic 4)

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 `npm run build` command.

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

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



Run the `npm install` command.

Create a project folder.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

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

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

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

Example:

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

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

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

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

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

`npm run build`

```
> pcf-scripts build

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

Reference:

<https://rajeevpenyala.com/2020/03/21/power-apps-component-framework-pcf-demystify/> <https://carldesouza.com/creating-a-custom-component-using-the-powerapps-component-framework/>

**NEW QUESTION 86**

- (Exam Topic 4)

You have the following code:

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

You have a contact record that uses the GUID 2CFB1599-DEAD-425F-AB4A-76E6CAB51B09.

You need to assign the contact record as the primary contact for an account when you create the account. Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. 

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

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

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

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

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

**Answer: BC**

**NEW QUESTION 88**

- (Exam Topic 4)

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="00 4 * * 1-5"/> <input type="text" value="00 7 * * 0-4"/> <input type="text" value="00 11 * * 1-5"/> <input type="text" value="00 19 * * 0-4"/>
Japan	<input type="text" value="00 19 * * 0-4"/> <input type="text" value="00 4 * * 1-5"/> <input type="text" value="00 7 * * 1-5"/> <input type="text" value="00 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 Reference:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-timer?>

**NEW QUESTION 93**

- (Exam Topic 4)

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, set filtering attributes on the plug-in to only Case Type filed. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 95**

- (Exam Topic 4)

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.

▼

The field is inserted at the start of the existing section.

The field is inserted in the middle of the existing section.

The field is appended to the end of the existing section.

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.

▼

The field is inserted at the start of the existing section.

The field is inserted in the middle of the existing section.

The field is appended to the end of the existing section.

The field is added in a new section.

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

▼

The field is inserted at the start of the existing section.

The field is inserted in the middle of the existing section.

The field is appended to the end of the existing section.

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 Reference:  
[https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/gg309329\(v=crm.8\)](https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/gg309329(v=crm.8))

**NEW QUESTION 99**

- (Exam Topic 4)

A company uses Common Data Service (CDS) and manages their engineers using a model-driven app. You create a new reusable custom component using the PowerApps component framework (PCF).

You need to package the custom component to be deployed 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 install	
msbuild /t:build /restore	
npm start	⊞ ⊞
npm run build	
pac solution add-reference -path <control path>	
pac solution init -publisher-name <publisher> --publisher-prefix <prefix>	
pac pcf init --namespace <namespace> --name <control name> --template field	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Step 1: npm install Install Npm

Step 2: pac pcf init ..

Commands for working with Power Apps component framework. It has the following parameters:

- > init: Initializes the code component project. It has the following parameters
- > namespace: Namespace of the code component.
- > name: Name of the code component.
- > template: Field or dataset

Step 3: pac solution add-reference

Commands for working with Common Data Service solution projects. It has the following parameters: add-References:

Sets the reference path to the component project folder by passing the path parameter.

Syntax: pac solution add-reference --path <path to your Power Apps component framework project> Reference:

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

**NEW QUESTION 101**

- (Exam Topic 4)

A company has a Common Data Service (CDS) environment. The company creates model-driven apps for different sets of users to allow them to manage and monitor projects.

Finance team users report that the current app does not include all the entities they require and that the existing project form is missing cost information. Cost information must be visible only to finance team users.

You create a security role for finance team users. You need to create a new app for finance team users.

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**

Edit the Project main form. Select **Save As** to create a new Finance Form, add the missing cost fields and remove the fields not relevant to Finance.

In the Maker portal, share the Finance app and select the Finance Security role.

Create a new model-driven app. Add the project entity, and select the Finance Security role.

Create a new model-driven app. Add the project entity, and select the Finance form.

Enable security roles and select the Finance Security role on the Finance form.

Select the Finance app from the My Apps page and configure the app to use the Finance Security role.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Step 1: Edit the Project main form. Select Save as..

Step 2: Create a new model-driven app. Add the project entity, and select the Finance form. Step 3: Enable security roles and select the Finance Security role on the Finance

Assign security roles to the main form. Use this to make a main form available to specific groups. Step 4: In the Maker portal, share the Finance app and select the Finance Security role.

Sharing a model-driven app involves two primary steps. First, associate a one or more security role(s) with the app then assign the security role(s) to users.

- > Visit <https://make.powerapps.com>
- > Select a model-driven app and click Share.
- > Select the app then choose a security role from the list. Reference:  
<https://docs.microsoft.com/dynamics365/customer-engagement/admin/assign-security-roles-for>

**NEW QUESTION 102**

- (Exam Topic 4)

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

Business Units			
View: Active Business Unit			
Name	Main Phone	Website	Parent Business
Fabrikam			
Fabrikam Property Management			Fabrikam
Fabrikam Residences			Fabrikam

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

- > Fabrikam Residences rents units short term to clients.
- > Fabrikam Property Management deals with the maintenance of the units and manages the contractors who perform the maintenance.
- > Clients and contractors are both stored in the Contact entity.

The manager of the Property Management business unit is a member of a Fabrikam business unit, which has the root security role as shown in the Security Role exhibit. (Click the Security Role tab.)

Power Apps

File Save and Close Actions

### Security Role: Common Data Service User

Details Core Records Service Business Management Customization Missing Entities

Role Name\*

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

Member's privilege inheritance

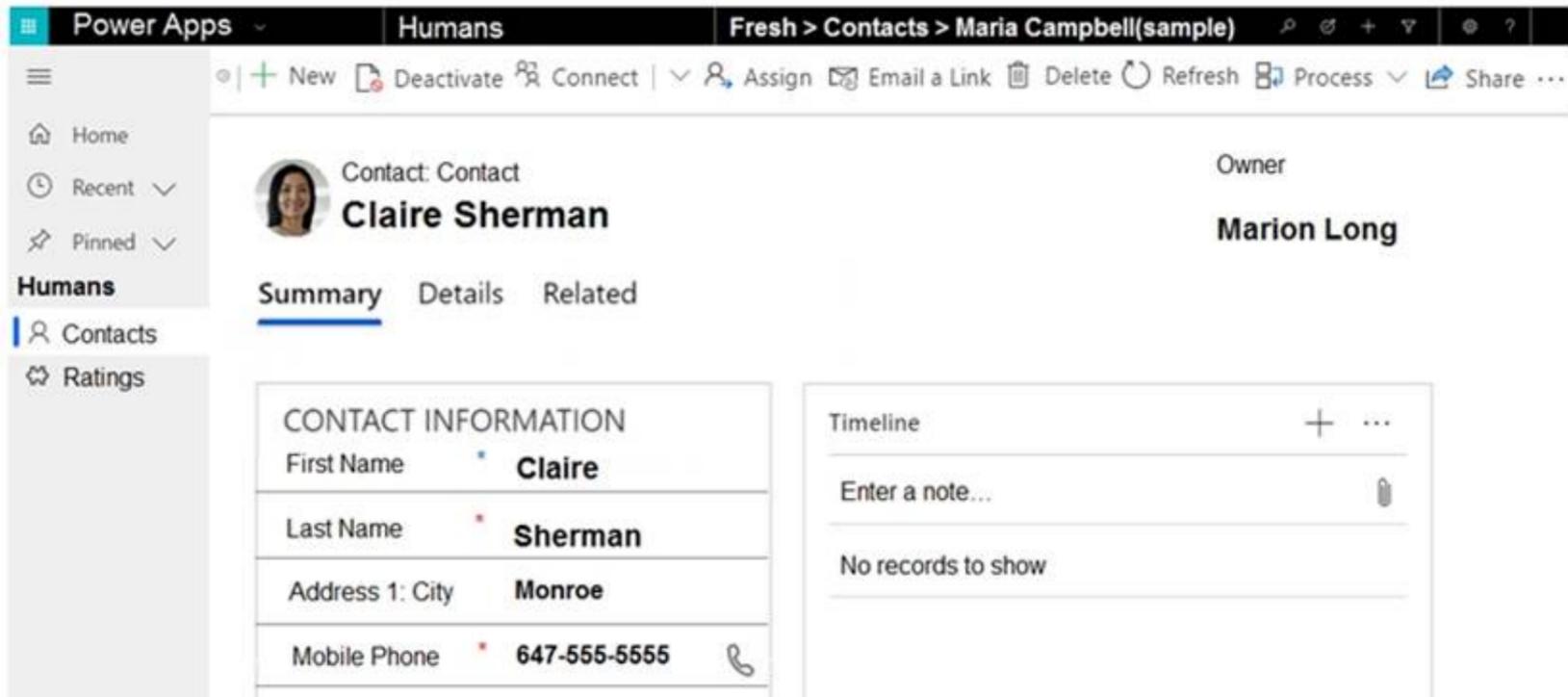
Power Apps

File Save and Close Actions

### Security Role Common Data Service User

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

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



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

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

- A. Mastered
- B. Not Mastered

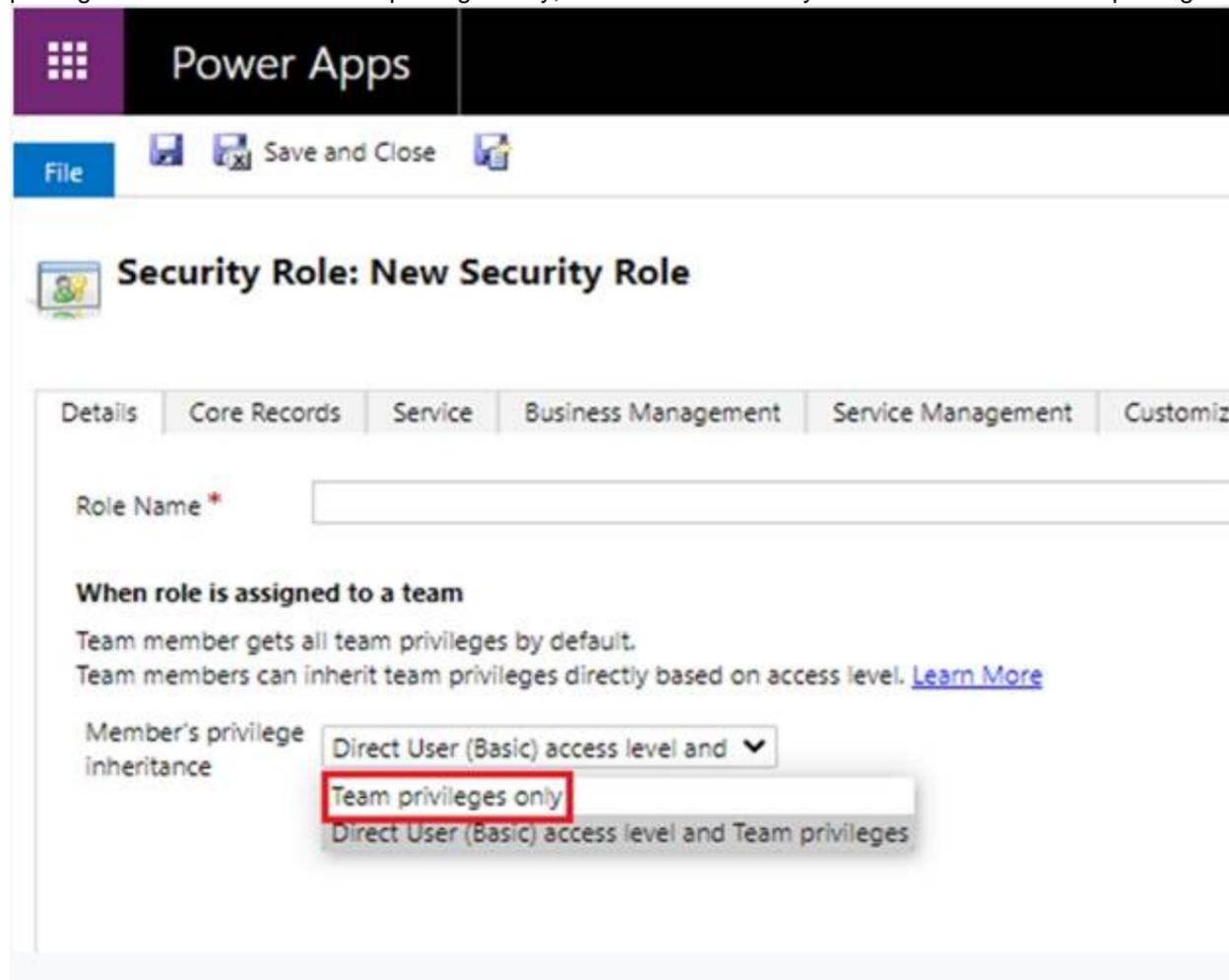
Answer: A

**Explanation:**

Box 1: Yes

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

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



Box 2: No

The manager of the Property Management business unit is already a member of a Fabrikam business unit, which has the root security role  
 Box 3: Yes Reference:  
<https://docs.microsoft.com/en-us/power-platform/admin/security-roles-privileges>

**NEW QUESTION 106**

- (Exam Topic 4)

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 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 111**

- (Exam Topic 4)

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

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

The custom component must allow entry of a date of birth and validate that the applicant is not a minor. You create the class AuditDatePicker in the TypeScript file Index.ts and the style sheet DatePicker.css.

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

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

NOTE: Each correct selection is worth one point.

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

Dropdown menu for constructor=

- Index.ts
- DatePicker.css
- AuditDatePicker

Dropdown menu for type=

- Enum
- DateandTime.DateandTime
- DateandTime.DateOnly

Dropdown menu for usage=

- bound
- input

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: AuditDatePicker

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

Box 3: bound

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

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/component-framework/manifest-schema-reference/manif> <https://docs.microsoft.com/en-us/powerapps/developer/component-framework/implementing-controls-using-typ>

**NEW QUESTION 116**

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