



Microsoft

Exam Questions PL-400

Microsoft Power Platform Developer

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

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

Answer: B

Explanation:

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

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

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

NEW QUESTION 3

- (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 4

- (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 5

- (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 6

- (Exam 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 7

- (Exam Topic 4)

A company uses Dynamics 365 Sales.

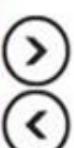
Sales commission must be calculated when an order is placed. You create an Azure Function to perform the calculation. The Azure Function has an HTTP trigger. You need to configure the Plug-in Registration tool to send data to the Azure Function when an order is placed. You open the Plug-in Registration tool and connect to Dynamics 365 Sales.

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

Actions

Answer Area

- Select **Register New Web Hook.**
- Select **Register New Service Endpoint.**
- Set authentication to **HttpHeader.**
- Register a New Step for Create of SalesOrder.
- Enter a connection string.
- Enter the endpoint URL.



- A. Mastered
- B. Not Mastered

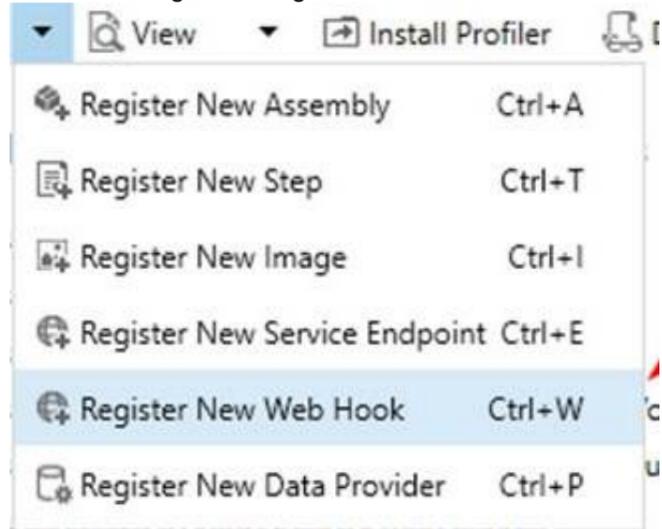
Answer: A

Explanation:

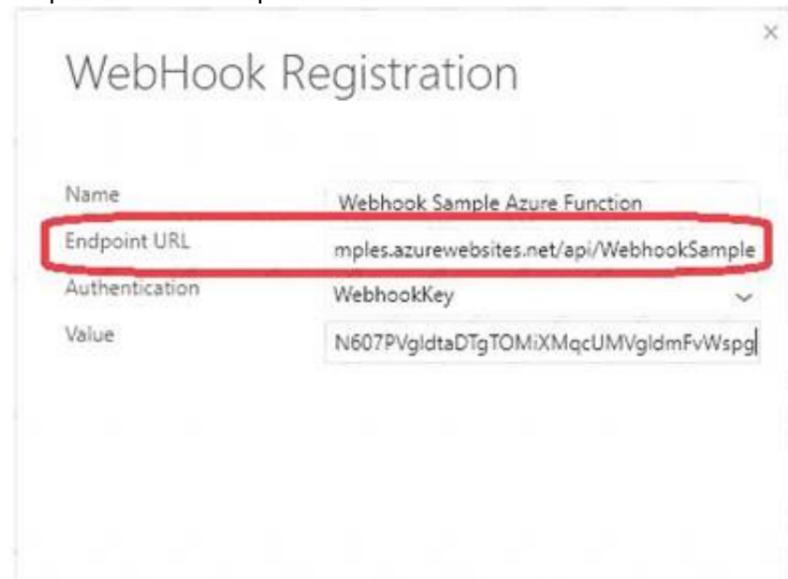
Step 1: Select Register New Web Hook.

Configure Dynamics 365 Sales to Call Your Webhook in Azure Functions

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



Step 2: Enter the endpoint URL



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

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

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

Reference:

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

NEW QUESTION 8

- (Exam Topic 4)

You need to complete a PowerApps 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="3"/>
  <html path="HelloWorldControlWaveRandom.htm" order="3"/>
</resources>
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The order property specifies the order of a flexible item relative to the rest of the flexible items inside the same container.

Reference: https://www.w3schools.com/jsref/prop_style_order.asp

NEW QUESTION 9

- (Exam Topic 4)

A company implements Dynamics 365 Sales.

An email notification must be sent automatically to the sales manager when a business process completes. You need to ensure that emails are sent.

What should you create on the process completed trigger?

- A. a workflow
- B. an action step
- C. a data step
- D. a Power Automate flow step

Answer: A

Explanation:

When you include a workflow that you want to trigger on Stage Exit of a stage in your business process flow, and that stage is the last stage in the flow, the designer gives the impression that the workflow will be triggered when that stage is completed. Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/businessprocess-flo>

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)

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 11

- (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.

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

A JavaScript library is used with these custom entities and fields to apply complex logic.

You need to ensure that the JavaScript library continues to function as originally designed if other developers expand the environment.

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

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

Reference:

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

NEW QUESTION 15

- (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 19

- (Exam Topic 4)

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 20

- (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 22

- (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 23

- (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: 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

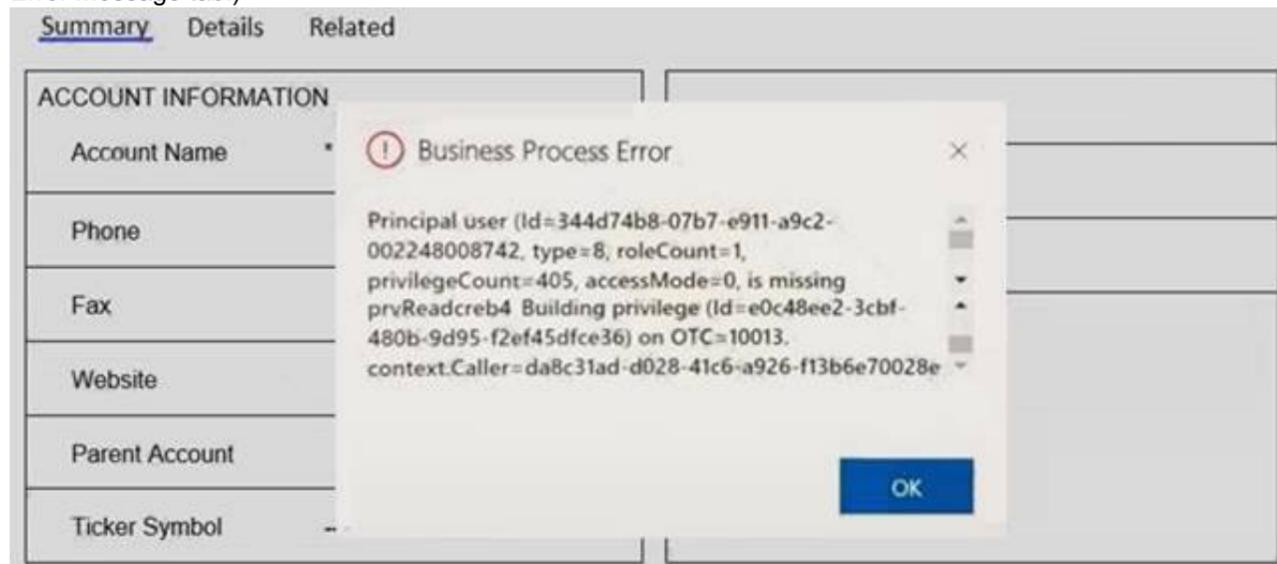
Answer: B

NEW QUESTION 25

- (Exam Topic 4)

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.)

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 | <input checked="" type="radio"/> |
| Asset | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Building | <input type="radio"/> |
| Job | <input checked="" type="radio"/> |

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 **Append To** privilege on the Account entity to **Organization** prevents the error from recurring.

Adding the Environment Maker role to the user prevents the error from recurring.

Adding the System Customizer role to the user prevents the error from recurring.

Setting all the privileges for the Building entity to **User** prevents the error from recurring.

- 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 28

- (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 32

- (Exam Topic 4)

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: C

Explanation:

You can execute action using Xrm.WebApi.online.execute in Dynamics 365 CRM V9.0. Reference:

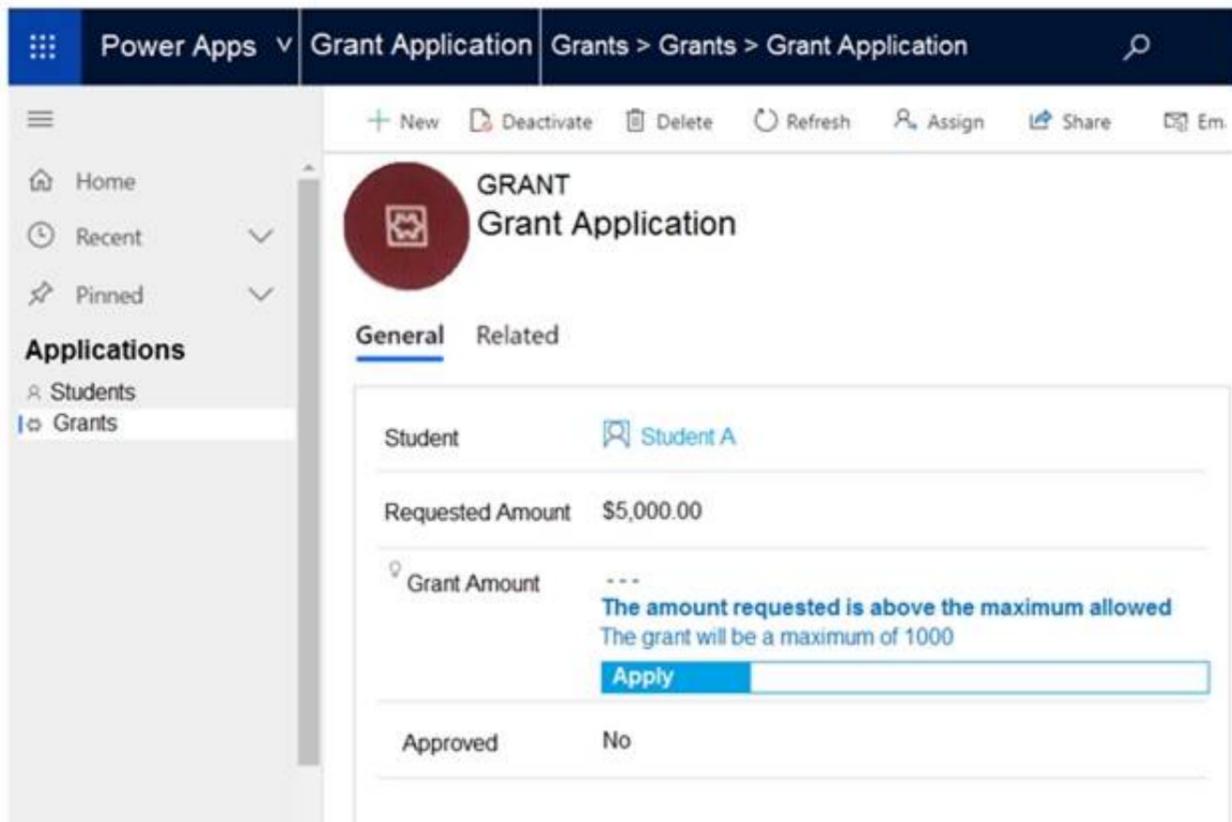
<https://carldesouza.com/calling-a-dynamics-365-action-from-javascript-using-xrm-webapi-online-execute/>

NEW QUESTION 36

- (Exam Topic 4)

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

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



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

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

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://www.loganconsulting.com/blog/how-use-power-automate-trigger-workflows-microsoft-dynamics-crm/>

NEW QUESTION 40

- (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 41

- (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.
- > Implement a console application that queries for changes.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead use the Data Export Service to sync data between the database and Dynamics 365 Sales. References:

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

NEW QUESTION 45

- (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 46

- (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 50

- (Exam Topic 4)

You are developing a model-driven app for the purchasing department of an organization. You provision a new test environment and a security role. You select users to test the apps and assign the users to a security group named TestSG. If the tests succeed, a manager will perform additional testing in the production environment and then publish the app for the organization's purchasing department. You need to ensure that the test and production environments are configured correctly. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

| Scenario | Security artifact |
|--|---|
| Ensure that only test users can access the test environment. | <div style="border: 1px solid black; padding: 5px;"> <p>Set the test environment security group to TestSG. Assign the test users the app security role. Set the test environment security group to TestSG and assign test users the app security role.</p> </div> |
| Ensure that only the manager can access the app in production. | <div style="border: 1px solid black; padding: 5px;"> <p>Set the production environment security group to TestSG. Assign the manager the app security role. Add the manager to the TestSG security group and grant the manager the app security role.</p> </div> |
| Ensure that test users can access the app in production. | <div style="border: 1px solid black; padding: 5px;"> <p>Set the production environment security group to TestSG. Assign the test users the app security role. Set the production environment security group to TestSG and assign test users the app security role.</p> </div> |
| Ensure that purchasing department users can access the test environment. | <div style="border: 1px solid black; padding: 5px;"> <p>Remove the security group TestSG associated with the test environment. Assign all users the app security role. Add all users in the department to the TestSG security group.</p> </div> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Set the test environment security group to TestSG and assign test users the app security role.
 PowerApps apps use role-based security for sharing. The fundamental concept in role-based security is that a security role contains privileges that define a set of actions that can be performed within the app. All app users must be assigned to one or more predefined or custom roles.
 Box 2: Assign the manager the app security role.
 Box 3: Set the production environment security group to TestSG Box 4: Add all users in the department to the TestSG security group. Reference:
<https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/share-model-driven-app>

NEW QUESTION 55

- (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 58

- (Exam Topic 4)

You are synchronizing company data from a SQL Server-based .NET application into a Common Data Service (CDS) environment. The data is entered in both the SQL Server and CDS systems. You have a program that includes the following code:

```

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

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No.

An alternate key is needed, not a new field for the record identifier. Box 2: Yes

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

Message: The specified key attributes are not a defined key for the {0} entity Box 3: Yes

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

Box 4: No Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/web-service-error-cod> <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/entity-operations-upda>

NEW QUESTION 60

- (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"/> <input type="text" value="004**1-5"/> <input type="text" value="007**0-4"/> <input type="text" value="0011**1-5"/> <input type="text" value="0019**0-4"/> |
| Japan | <input type="text"/> <input type="text" value="0019**0-4"/> <input type="text" value="004**1-5"/> <input type="text" value="007**1-5"/> <input type="text" value="0011**0-4"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 004**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: 004**1-5 Reference:

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

NEW QUESTION 61

- (Exam Topic 4)

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 ap
- 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 66

- (Exam Topic 4)

A company uses five different shipping companies to deliver products to customers. Each shipping company has a separate service that quotes delivery fees for destination addresses.

You need to design a custom connector that retrieves the shipping fees from all the shipping companies by using their APIs.

Which three elements should you define for the custom connector? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Authentication model
- B. Address parameter
- C. OpenAPI definition
- D. Fee parameter
- E. Fee reference

Answer: ABC

Explanation:

C: You can create a custom connector using an OpenAPI definition file or a URL to OpenAPI definition. B: On the Security page you get to choose how to authenticate to the API.

The screenshot shows a web interface for configuring a connector's security. At the top, there are navigation tabs: '1. General', '2. Security' (active), '3. Definition', and '4. Test'. On the right, there are buttons for 'Create connector' and 'Cancel'. The main content area is titled 'Security' and includes a sub-header 'Authentication type' with a dropdown menu set to 'API Key'. Below this is the 'API Key' configuration section, which includes a description: 'Users will be required to provide the API Key when creating a connection'. It contains three input fields: 'Parameter label *' with the value 'API Key', 'Parameter name *' with the value 'API-nyckel', and 'Parameter location *' with a dropdown set to 'Header'. There are 'Edit' icons for both the authentication type and the API key configuration. At the bottom, there are navigation arrows for 'General' and 'Definition'.

A: If you were to create a Custom Connector from scratch, then you would have to study the API you have chosen and type in the URL manually here.

Request
+ Import from sample

Verb *
 The verb describes the operations available on a single path.

GET

URL *
 This is the request URL.

`https://trefle.io/api/plants/{id}`

Path
 Path is used together with Path Templating, where the parameter value is actually part of the operation's URL.

* id ...

Query
 Query parameters are appended to the URL. For example, in /items?id=####, the query parameter is id.

* token ...

Headers
 These are custom headers that are part of the request.

Body
 The body is the payload that's appended to the HTTP request. There can only be one body parameter.

Reference:

<https://carinaclaesson.com/2019/09/06/setting-up-a-custom-connector-from-an-openapi-file-and-utilizing-it-in-p>

NEW QUESTION 71

- (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. | <div style="border: 1px solid black; padding: 5px;"> <p>The field is inserted at the start of the existing section.</p> <p>The field is inserted in the middle of the existing section.</p> <p>The field is appended to the end of the existing section.</p> <p>The field is added in a new section.</p> </div> |
| Create a new section in the Contact main form and add the field to the new section. | <div style="border: 1px solid black; padding: 5px;"> <p>The field is inserted at the start of the existing section.</p> <p>The field is inserted in the middle of the existing section.</p> <p>The field is appended to the end of the existing section.</p> <p>The field is added in a new section.</p> </div> |
| Create a new form and add the field to the middle of an existing section. | <div style="border: 1px solid black; padding: 5px;"> <p>The field is inserted at the start of the existing section.</p> <p>The field is inserted in the middle of the existing section.</p> <p>The field is appended to the end of the existing section.</p> <p>The field is added in a new section.</p> </div> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

Box 3: The field is inserted in the middle of the existing section 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 76

- (Exam Topic 4)

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

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

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

Answer: A

Explanation:

Configure OAuth2 provider settings for portals.

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

The supported providers are:

- > Microsoft Account
- > Twitter
- > Facebook
- > Google
- > LinkedIn
- > Yahoo

Reference:

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

NEW QUESTION 78

- (Exam Topic 4)

A university has implemented Dynamic 365 Sales. Several department use opportunity records to bid for funding for project within their departments.

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

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

Solution: Use position hierarchy security and define the two departments as positions. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 79

- (Exam Topic 4)

You are troubleshooting Power Apps solutions.

You need to determine the cause for the identified issues.

What is the root cause for each issue? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

| Issue | Reason |
|---|---|
| Solution checker does not complete a run for one solution but works for a different solution. | <ul style="list-style-type: none"> A canvas app in the first solution has errors. The Power Apps checker application user is disabled. |
| You encounter an error on line three of a web resource as shown below: | <ul style="list-style-type: none"> The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode. |

```

var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

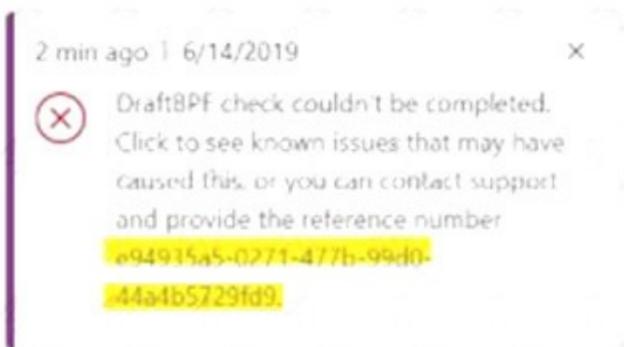
Box 1: A canvas app in the first solution has errors.

Failures that occur during background processing of the analysis will fail with 'Couldn't be completed' status and return an error message in the Power Apps portal as well as send email notification to the requestor.



| Display name | Created ↓ | Version | Managed externally? | Solution check |
|--------------|-----------|---------|---------------------|-----------------------|
| Draft BPF | 6/14/2019 | 1.000 | | Couldn't be completed |

Selecting the portal notification will link to this page of common issues for further troubleshooting. If one of the provided common issues does not resolve the problem, a reference number is also returned. Provide this reference number to Microsoft Support for further investigation.



2 min ago | 6/14/2019

✘ DraftBPF check couldn't be completed.
 Click to see known issues that may have caused this, or you can contact support and provide the reference number
 e94915a5-0271-477b-99d0-44a4b5729fd9

Box 2: The code uses the following rule: web-use-strict-mode

web-use-strict-mode is able to throw a SyntaxError before the script is executing. Example:

The reason is JavaScript lets you compare different variable types but this can have unexpected results, so by using the strict === it compares the same type and won't have unexpected results this gets a warning

entity.field == "Line1" Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-solution-c>

NEW QUESTION 82

- (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 83

- (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 85

- (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>
```

▼

Index.ts
 DatePicker.css
 AuditDatePicker

▼

Enum
 DateandTime.DateandTime
 DateandTime.DateOnly

▼

bound
 input

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: AuditDatePicker

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

Box 3: bound

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

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 87

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