

PL-400 Dumps

Microsoft Power Platform Developer

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



NEW QUESTION 1

- (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 2

- (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 3

- (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 4

- (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

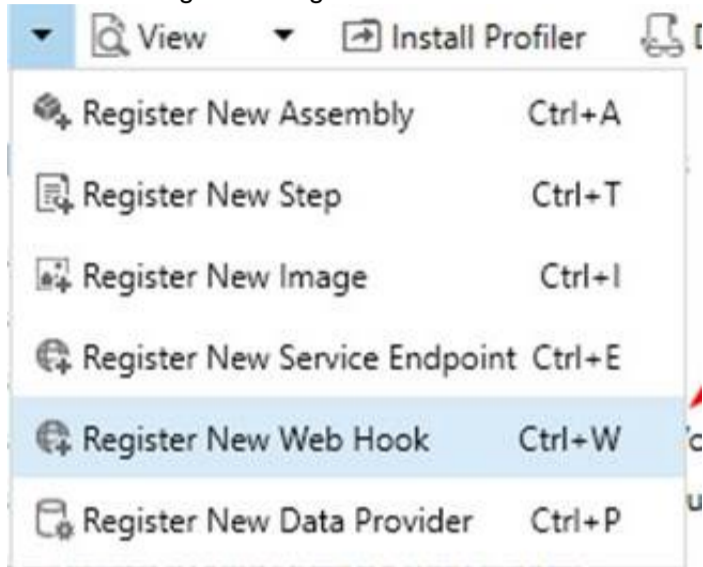
Answer: A

Explanation:

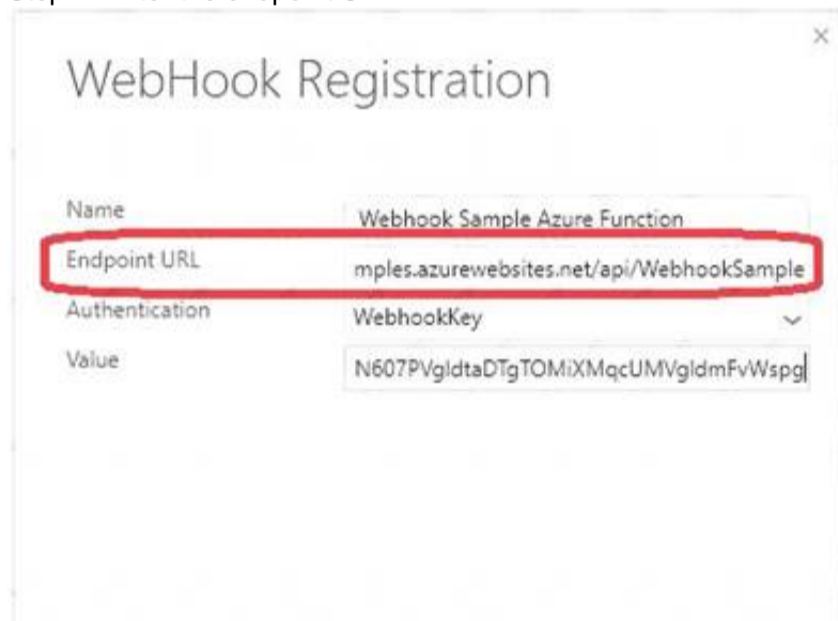
Step 1: Select Register New Web Hook.

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 5

- (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 6

- (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 Search Company custom connector in the Microsoft Flow portal under Custom connectors and select edit .	
Select the Definition tab.	
Select the Security tab.	
Select New Action.	
Select References.	
Select New Policy.	
Select the Search Company custom connector in the Microsoft Flow portal under Connections and select edit .	

- 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 7

- (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 8

- (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 9

- (Exam Topic 4)

You are researching integrations with several external systems. Each integration has different requirements.

You need to determine which data sources to use to meet each requirement.

What should you use? To answer, drag the appropriate data sources to the correct requirements. Each data source may be used once, more than one, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Objects	Requirement	Object
Virtual entity	Support records that use an integer as a primary key.	
Custom connector	Ensure that data can be read and updated.	
	Ensure that data is available to all Common Data Service clients.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

answer is Virtual Entity

You cannot change the Entity primaryid field to some other field. CRM using GUID as the Primary key for each record.

If you definitely want to make some other field as Primary key, you could consider using Alternate Keys. Source:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/define-alternate-key>

The caveat being that Alternate Keys can be created for Virtual Entity

B. Answer is: Custom Connector All virtual entitites are read-only. Source:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/create-edit-virtual-e>

C. Answer is: Virtual Entity

Rows based on virtual tables are available in all clients including custom clients developed using the Dataverse web services.

Source: <https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-virtual-entities>

NEW QUESTION 10

- (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 10

- (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.	<div> <div></div> <div> PowerApp Checker Solution Checker Site Map validation </div> </div>
Application runs slowly.	<div> <div></div> <div> PowerApps Admin Center Service Performance in PowerApps Analytics Dynamics 365 Service Health PowerApps client session details </div> </div>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Site Map validation

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

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



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 14

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: DIFFINMINUTES(Created on, Delivery Time)

DIFFINMINUTES (date and time, date and time) returns the difference in minutes between two Date and Time columns.

Box 2: Duration Reference:

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

NEW QUESTION 15

- (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 once correct solution, while others might not have a correct solution.

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

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

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

You need to design the integration solution.

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

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

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

- A. Yes
- B. No

Answer: A

Explanation:

Microsoft Dataverse supports integration with Azure.

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

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

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

NEW QUESTION 20

- (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 25

- (Exam Topic 4)


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

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

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

Change Column Properties

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

Entity Name:	Account
Column Title:	Annual Revenue
Data Type:	Currency
Name:	revenue
Web Resource	 new_/script/revdisplayicon.js 
Function Name:	displayIconTooltip

Select a width for this column:

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

OK

Cancel

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

Dynamics 365 CRM Hub CORE > Accounts									
Show Chart + New Delete Refresh Email a Link Flow Run Report Excel Templates Export to Excel ...									
Active Accounts									
	Account Name	Annual ...	Address 1: Stre ...	Address ...	Address 1: ZIP/...	Primary Co...	Ope...		
	Ac Tellus Suspendisse Foundation	£10,000.00						£0.00	
	Adipiscing Elit Aliquam Inc.	£15,000.00						£0.00	
	Adventure Works (sample)	£60,000.00	4405 Balboa Court	Santa Cruz	95486	Nancy Anderson (s...)		£0.00	
	Aliquet Limited	£8,000.00						£0.00	
	Aliquet Proin Ltd	£75,000.00						£0.00	
	Alpine Ski House (sample)	£90,000.00	2313 B Southampton	Missoula	58047	Paul Cannon (sam...)		£30,000.00	
	Amazon Web Services (AWS)	£5,000.00						£0.00	
All # A B C D E F G H I J K L M N O P Q R S T U									
1 - 134 of 134 (0 selected)									

You need to determine why the incorrect icons are being displayed.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No
parseFloat will return 'NaN' if it's not a number (null and undefined are NaNs). Box 2: No
Box 3: Yes
Session.userLCID is the Locale ID for the ASP application. Box 4: Yes
Reference:
<https://support.microsoft.com/en-us/help/229690/how-to-set-the-asp-locale-id-per-the-browser-s-language-settin>

NEW QUESTION 28

- (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

connection

one-to-many relationship

many-to-many relationship

self-referential relationship

Answer Area

Requirement	Option
Visualize records as a hierarchy in a model-driven app.	<div>Option</div>
Associate a record with other records in multiple entities.	<div>Option</div>
Records in one entity must be able to reference only a single record in another entity.	<div>Option</div>
Any record in one entity must be able to be referenced by any record in another entity.	<div>Option</div>

- 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 29

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

NEW QUESTION 34

- (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 35

.....

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* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

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