

PL-400 Dumps

Microsoft Power Platform Developer

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



NEW QUESTION 1

- (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 2

- (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 3

- (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

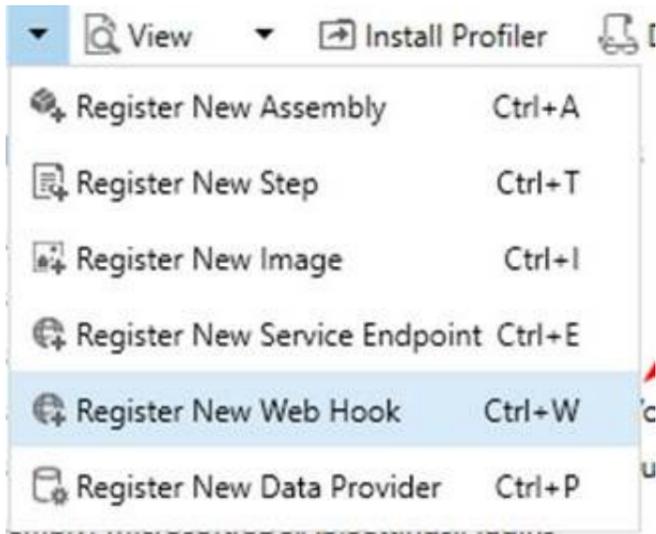
Explanation:

Step 1: Select Register New Web Hook.

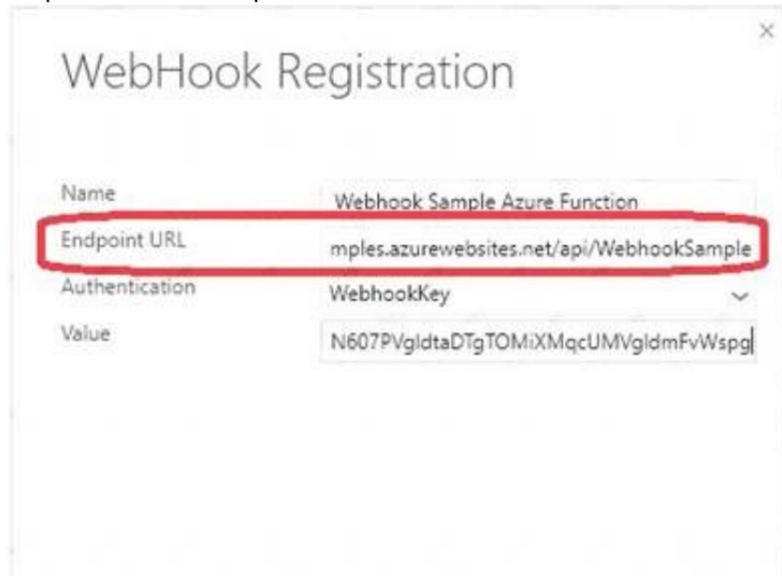
Configure Dynamics 365 Sales to Call Your Webhook in Azure Functions

* 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-in>

NEW QUESTION 4

- (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 5

- (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 6

- (Exam Topic 4)

A company plans to replicate a Dynamics 365 Sales database into an Azure SQL Database instance for reporting purposes. The data Export Service solution has been installed. You need to configure the Data service.

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

- A. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.
- B. Enable auditing entities that must be replicated to Azure SQL database.
- C. Enable change tracking for all entities that must be replicated to Azure SQL Database.
- D. Set up server-based integration.
- E. Create an export profile that specifies all the entities that must be replicated.

Answer: ACE

Explanation:

Reference:

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

NEW QUESTION 7

- (Exam Topic 4)

A travel agency has a Dynamics 365 Customer Engagement.

Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.

You need to register the plug-in to meet the requirements.

Which value should you apply for each parameter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

| Parameter | Value |
|------------------|--|
| message | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding: 2px;">create</div> <div style="border-bottom: 1px solid black; padding: 2px;">associate</div> <div style="padding: 2px;">update</div> </div> |
| primary entity | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding: 2px;">none</div> <div style="border-bottom: 1px solid black; padding: 2px;">country</div> <div style="padding: 2px;">contact</div> </div> |
| secondary entity | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding: 2px;">none</div> <div style="border-bottom: 1px solid black; padding: 2px;">country</div> <div style="padding: 2px;">contact</div> </div> |
| execution mode | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding: 2px;">synchronous</div> <div style="padding: 2px;">asynchronous</div> </div> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: associate

Box 2: contact

Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.

Box 3: country

Box 4: synchronous Reference:

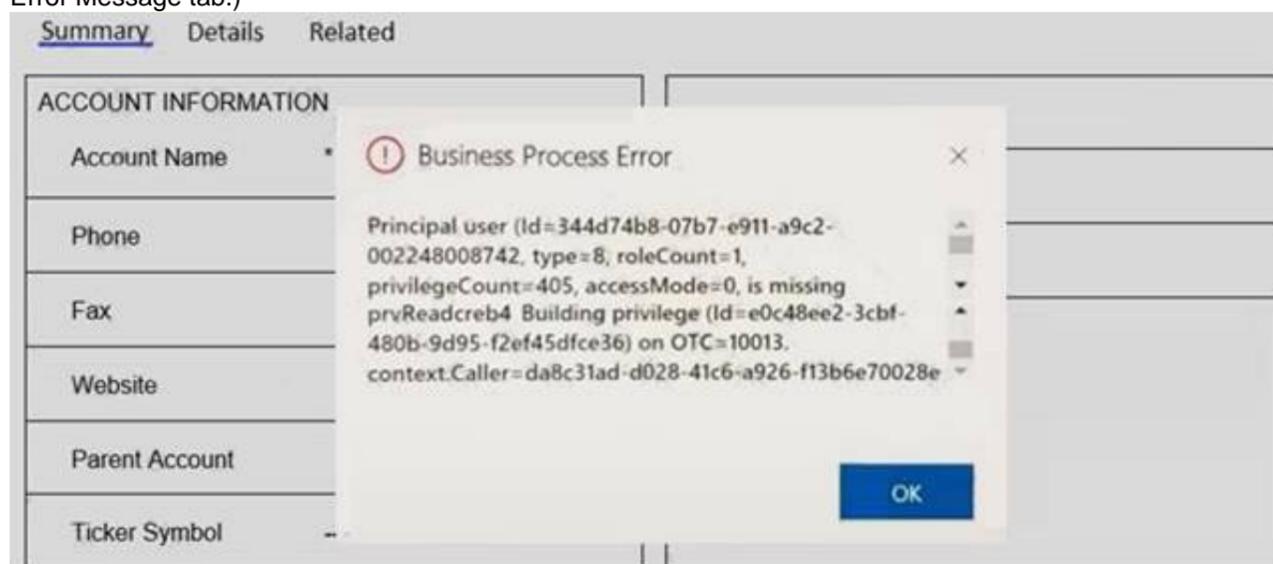
<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/tutorial-write-plugin-in>

NEW QUESTION 8

- (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 | | | | | | | | |
| Asset | | | | | | | | |
| Building | | | | | | | | |
| Job | | | | | | | | |

You need to prevent the error from recurring.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

| Statements | Yes | No |
|---|-----------------------|-----------------------|
| Changing the Append To privilege on the Account entity to Organization prevents the error from recurring. | <input type="radio"/> | <input type="radio"/> |
| Adding the Environment Maker role to the user prevents the error from recurring. | <input type="radio"/> | <input type="radio"/> |
| Adding the System Customizer role to the user prevents the error from recurring. | <input type="radio"/> | <input type="radio"/> |
| Setting all the privileges for the Building entity to User prevents the error from recurring. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

There is a read error. Box 2: No

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

Box 3: Yes

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

Box 4: Yes

NEW QUESTION 9

- (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.
- Set the field permissions for the new field to enable read, update, and create, and add the sales manager as a member of the field security profile.
- Enable field security in the Approval field.
- Enable the write privilege on the Opportunity for the sales manager security role and grant the sales manager for the team the sales manager security role.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Enable field security in the Approval field.

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

- > Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams (step 2 and step 3 below).

Step 2: Create a new field security profile.

Create a new field security profile for the sales manager. Step 3: Set the field permissions...security profile

Step 2 and step 3, example: Configure the security profiles.

- > Create the field security profile for sales managers.

- > Go to Settings > Security.

- > Click Field Security Profiles.

- > Click New, enter a name, such as Sales Manager access contact mobile phone, and click Save.

- > Click Users, click Add, select the users that you want to grant read access to the mobile phone number on the contact form, and then click Add.

- > Click Field Permissions, click mobilephone, click Edit, select Yes next to Allow Read, and then click OK.

Reference:

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

NEW QUESTION 10

- (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 10

- (Exam Topic 4)

A developer must register a step using the Plug-in registration tool.

You need to associate the correct Event Pipeline Stage of Execution with its purpose.

Which stage should you associate with each description? To answer, drag the appropriate stages to the correct descriptions. Each stage 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.

Stages

- PreValidation
- PreOperation
- MainOperation
- PostOperation

Answer Area

| Description | Stage |
|---|-------|
| Cancel the operation before the database transaction. | Stage |
| Change any values for an entity within the database transaction. | Stage |
| Modify any properties of the message before it returns to the caller. | Stage |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The event pipeline allows you to configure when in the event the plug-in code will execute. The event pipeline is divided into the following events and stages: Box 1: PreValidation

Pre-event/Pre-Validation

This stage executes before anything else, even before basic validation if the triggering action is even allowed based on security. Therefore, it would be possible to trigger the plug-in code even without actually having permission to do so and great consideration must be used when writing a pre-validation plug-in. Also, execution in this stage might not be part of the database transaction.

Examples:- security checks being performed to verify the calling or logged on user has the correct permissions to perform the intended operation.

Box 2: PreOperation Pre-event/Pre-Operation

This stage executes after validation, but before the changes has been committed to database. This is one of the most commonly used stages.

Example uses:

If and "update" plug-in should update the same record, it is best practice to use the pre-operation stage and modify the properties. That way the plug-in update is done within same DB transaction without needing additional web service update call.

Box 3: PostOperation

Plug-ins which are to execute after the main operation. Plug-ins registered in this stage are executed within the database transaction.

This stage executed after changes have been committed to database. This is one of the most used stages. Example uses:

Most of the "Create" plugins are post-event. This allows access to the created GUID and creation of relationships to newly created record.

Reference:

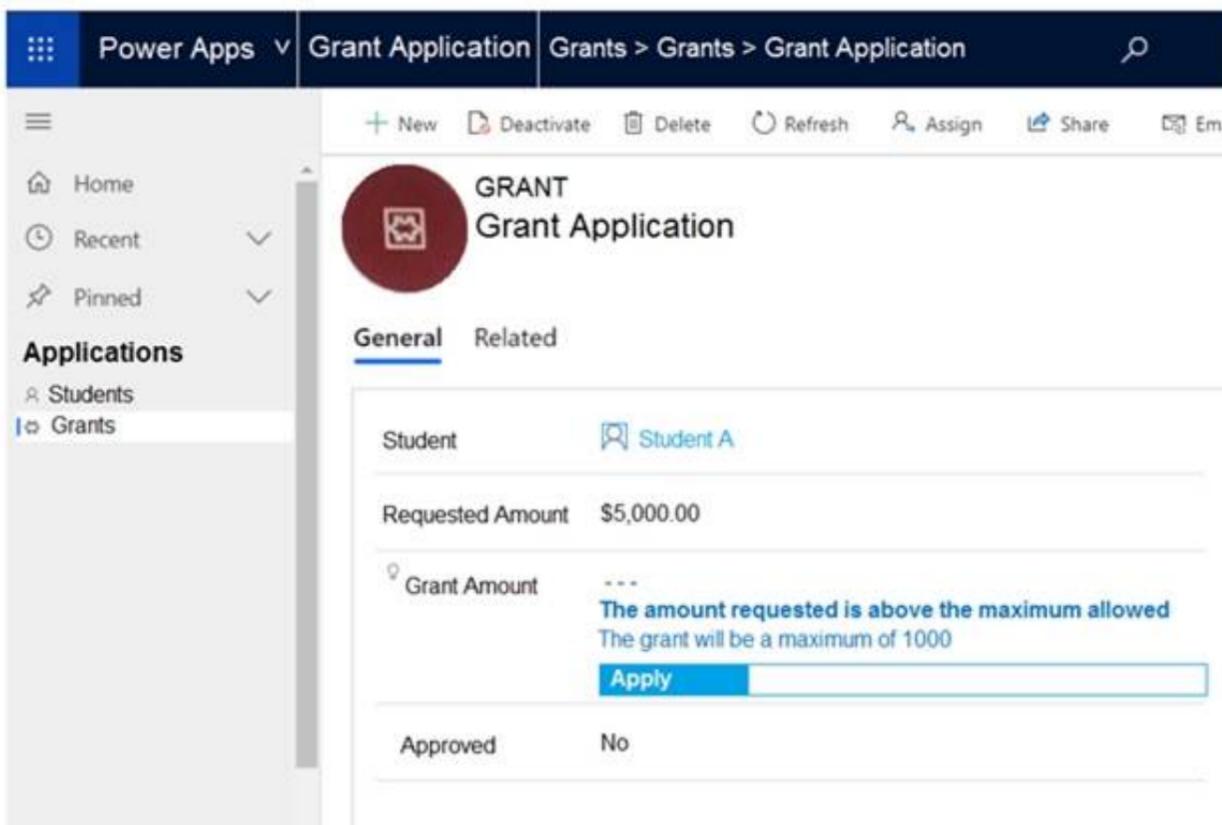
<https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/216569/ms-crm-plugin-execution-pipeli>

NEW QUESTION 15

- (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 17

- (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 21

- (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:
 Function Name:

Select a width for this column:

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

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

| Account Name | Annual Revenue | Address 1: Street | Address 1: City | Address 1: ZIP | Primary Contact | Open Amount |
|----------------------------------|----------------|--------------------|-----------------|----------------|-----------------------|-------------|
| Ac Tellus Suspendisse Foundation | £10,000.00 | | | | | £0,00 |
| Adpiscing 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 |

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 24

- (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 np run build command Build PCF Component.

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

npm run build

```
> pcf-scripts build

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

Reference:

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

NEW QUESTION 27

- (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 32

- (Exam Topic 4)

A company must copy customer account data changes from a Common Data Service (CDS) instance into an external system.

Azure Storage Queues are used to pass the changes from CDS to the external system. You have the following code. (Line numbers are included for reference only.)

```

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

```

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

| Statement | Yes | No |
|--|-----------------------|-----------------------|
| The first call to ProcessAccountChanges at line 2 adds changes made to account records to the storage queues. | <input type="radio"/> | <input type="radio"/> |
| The second call to ProcessAccountChanges at line 4 adds changes made to account records to the storage queues. | <input type="radio"/> | <input type="radio"/> |
| The messages in changeQueue specify whether the accounts are new or updated. | <input type="radio"/> | <input type="radio"/> |
| A message is added to deleteQueue if an account is created and subsequently deleted at line 3. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
Box 2: Yes
Box 3: No
Either new/updated or removed/deleted. Box 4: Yes

NEW QUESTION 34

- (Exam Topic 4)

A financial services company uses the Common Data Service (CDS) to develop solutions. The company uses development and production instances. You need to move solutions from the development instance to the production instance. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.
- B. In the development instance, highlight the solution you want to make changes to, select Clone a Patch, make changes, export the solution, and import the solution into the production instance.
- C. Export all managed solutions from the development instance and import the solutions into the production instance.
- D. In the production instance, import solutions with the same version number or higher when updating solutions.

Answer: AB

Explanation:

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

B: You can apply patches to either managed or unmanaged solutions and include only changes to entities and related entity assets. Patches do not contain any non-customized system components or relationships that it depends upon because these components already exist in the deployed-to organization. At some point in your development cycle, you can roll up all the patches into a new solution version to replace the original solution that the patches were created from.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/import-update-export-solutions> <https://docs.microsoft.com/en-us/power-platform/alm/create-patches-simplify-solution-updates>

NEW QUESTION 39

- (Exam Topic 4)

You fix a bug in the code of your application, which is currently on version 10.0.2.1. You need to publish an updated version of the solution.

Which version identifier should you use?

- A. 10.0.3.1
- B. 10.0.2.2
- C. 10.1.0.2
- D. 11.0.0

Answer: A

Explanation:

The version number are <major>.<minor>.<build>.<revision>.

When we create patches in Dynamics 365, the system will automatically increment the build version (you can overwrite the chosen number when you create the patch). For example, if our solution starts at 1.0.0.0, we export it to become 1.0.0.1. We then create a patch, and the version of the patch is 1.0.1.1. If we export it now, it might become 1.0.1.2. In all cases, the build or version number has been incremented. Patches require the build or version number to increment, but not the major or minor version.

Reference:

<https://carldesouza.com/how-solution-version-numbers-work-in-the-microsoft-power-platform/>

NEW QUESTION 42

- (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 44

- (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 45

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