

Microsoft

Exam Questions PL-400

Microsoft Power Platform Developer



NEW QUESTION 1

DRAG DROP - (Topic 2)

You need to resolve the performance issue with the Total Billed customer plug-in.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Run the total billed customer time query.	
Attach the debugger to total billed customer time.	
Correct the failing plug-in code and compile.	⏪ ⏩
Unregister the old version of the plug-in and reregister the new version of the plug-in.	⏪ ⏩
Register and deploy the plug-in assembly.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: User1 reports that performance is slow when viewing total billed customer time. A plug-in for Dynamics 365 Sales automatically calculates the total billed time from all activities on a particular customer account, including sales representatives' visits, phone calls, email correspondence, and repair time compared with hours spent.

NEW QUESTION 2

- (Topic 2)

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

What should you create?

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

Answer: C

Explanation:

By using a Dynamics 365 connector, you can create flows that initiate when an event occurs in Dynamics 365, or some other service, which then performs an action in Dynamics 365, or some other service.

Reference:

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

NEW QUESTION 3

- (Topic 2)

You need to 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: A

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 4

HOTSPOT - (Topic 1)

You need to correct the portal query issues.

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

NOTE: Each correct selection is worth one point.

Portal issue	Code change
New registrations	<div>▼</div> <div>GET [Organization URI]/api/data/v9.1/accounts?\$select=name, sport</div> <div>GET [Organization URI]/api/data/v9.1/accounts?\$apply=name, sport</div> <div>GET [Organization URI]/api/data/v9.1/accounts?\$filter=name, sport</div>
All registered users	<div>▼</div> <div>\$apply=groupby(sport ne null)</div> <div>\$filter = name, sport</div> <div>\$orderby = name, sport</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: The query for all registered users must return the data categorized by division. Queries must return only the Name and Sport fields. Queries return all fields. The query is as follows:

```
GET [Organization URI]/api/data/v9.1/accounts?
&$orderby=Name, sport
&$filter=sport ne null
```

Box 1: GET ..\$select=name, sport
 Use select to return only the Name and Sport fields.
 Box 2: \$apply(groupby(sport ne null) Categorize by division, that is to sports.

NEW QUESTION 5

- (Topic 1)
 You need to configure the system to support automation for referrals.
 What are two possible ways to achieve the goal? Each correct selection presents a complete solution.
 NOTE: Each correct selection is worth one point.

- A. Azure Function that uses the Discovery service
- B. workflow extension
- C. Azure Function that uses a listener
- D. Power Automate flow

Answer: CD

Explanation:

<https://docs.microsoft.com/en-us/dotnet/api/system.io.filesystemwatcher> <https://docs.microsoft.com/en-us/power-automate/>

NEW QUESTION 6

DRAG DROP - (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.

NEW QUESTION 7

DRAG DROP - (Topic 1)

You need to address the user interface issues.

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

Scenario: The captions for the New and Save buttons do not render properly on the form. You can use the an in-app tool called the Command Checker to inspect the ribbon component definitions to help us determine why the button is not rendered correctly.

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

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

Box 2: Use the Ribbon Workbench Adding Buttons to Ribbons

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

NEW QUESTION 8

HOTSPOT - (Topic 2)

You need to select the visualization component.

What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Requirement	Component
Mailing list opt-in/opt-out	<div><div></div><div>Flip switch</div><div>Linear gauge</div><div>Radial knob</div><div>Linear slider</div></div>
Number of store visits	<div><div></div><div>Linear gauge</div><div>Flip switch</div><div>Pen control</div><div>Input mask</div></div>
Purpose of visit	<div><div></div><div>Linear gauge</div><div>Flip switch</div><div>Radial knob</div><div>Option set</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

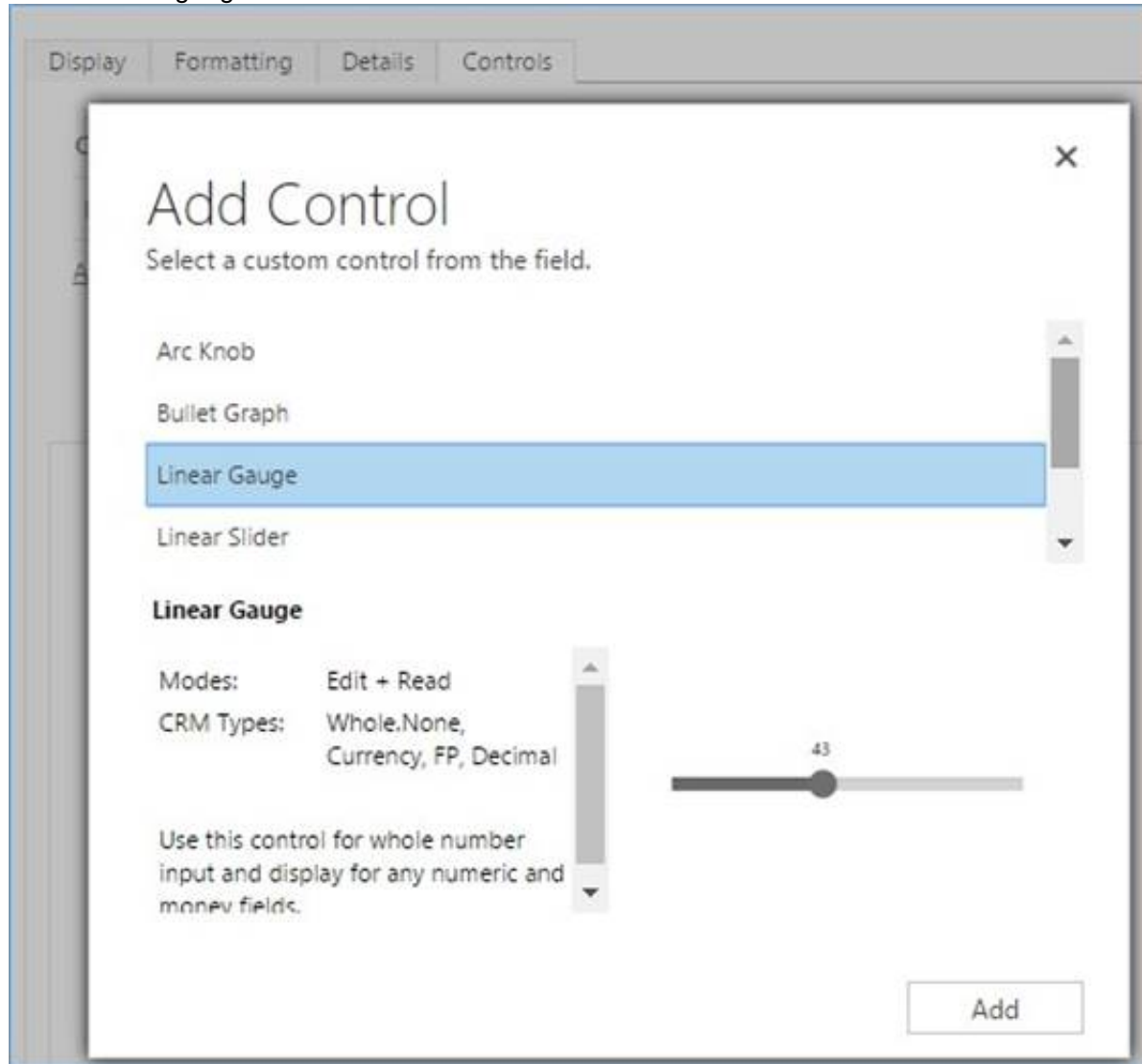
Explanation:

Box 1: Flip switch

The Field Type to use Flip Switch would be 'Two options'.

If you go by UI perspective, Flip switch control- Yes/No (Boolean) options would give the nice field look in the web, mobile app and Tablet. Instead of using check boxes and radio buttons, this control adds a visual effect like the On/Off switch way.

Box 2: Linear gauge



Box 3: Option Set

Option sets are the ideal choice for offering users a list of defined options for a field selection.

NEW QUESTION 9

- (Topic 3)

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

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

Answer: C

Explanation:

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

Reference:

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

NEW QUESTION 10

DRAG DROP - (Topic 3)

You need to assign the minimum environmental security role to the appropriate users.

Which security roles should you use? To answer, drag the appropriate security roles to the correct users. Each security role may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Security roles

System Administrator

System Customizer

Common Data Service User

Environment Maker

Answer Area

User

UserA

UserB

User C

All employees

Security role

Security role

Security role

Security role

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Environment Maker
UserA must be able to create and publish Power Apps apps.
The Environment Maker role can create resources within an environment including apps, connections, custom connectors, gateways, and flows using Power Automate.

Box 2: System Administrator
UserB must be the owner of all the systems and be able to provide permissions and create all new environments.
The System Administrator has full permission to customize the system. Can view all data in the system.

Box 3: System Customizer
UserC must be able to create apps connected to the systems and update the security roles and entities.
The System Customizer has full permission to customize the system. Can only view rows for system tables that they create.
The difference between the System Administrator and System Customizer security roles is that a system administrator has read privileges on most rows in the system and can see everything. Assign the System Customizer role to someone who needs to perform customization tasks but shouldn't see any data in the system tables.

Box 4: Common Data Service User
To stay consistent with our product rebranding effort, the security role Common Data Service User is being changed to Basic User.
The Basic User security role primarily contains Basic privileges for core entities where the user can write, update, and delete records that they created or owned.

NEW QUESTION 10

- (Topic 5)
You need to ensure data returned from the Web API corresponds to the correct environment What should you use?

- A. system settings
- B. plug-in secure configurations
- C. records in a new configuration table
- D. environment variables

Answer: D

NEW QUESTION 12

DRAG DROP - (Topic 5)
You need to implement a reusable solution to encapsulate the parameterized Dataverse queries.
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

Create a custom process action that uses a custom workflow activity to perform the Dataverse queries.

Define the input parameters for the Dataverse queries.

Create a real-time workflow that uses a custom workflow activity to perform the Dataverse queries.

Run the real-time workflow by using the Dataverse connector.

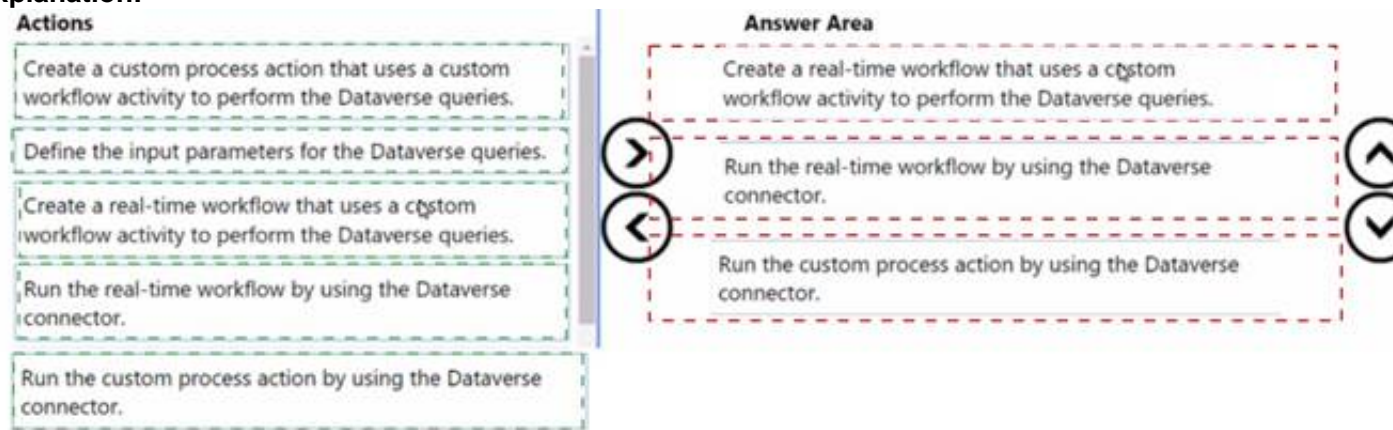
Run the custom process action by using the Dataverse connector.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

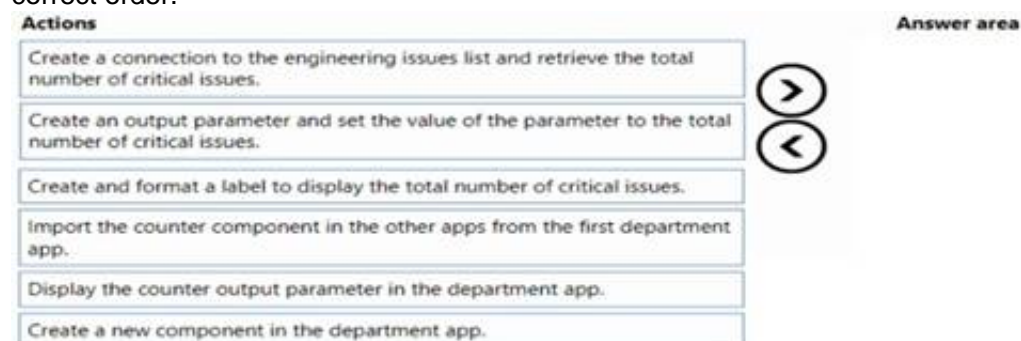
Explanation:



NEW QUESTION 14

DRAG DROP - (Topic 6)

The engineering team in a company uses a SharePoint list to manage critical technical issues that are raised by clients. Other departments do not have access to this list. Departments use their own apps for their own processes. All departments must be able to see the total number of client issues at any point in time. You need to design a component that can be used in all the departmental apps to display the total number of client issues in bold colors. Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

NEW QUESTION 16

- (Topic 6)

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

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

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

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

Answer: C

Explanation:

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

Reference:

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

NEW QUESTION 18

HOTSPOT - (Topic 6)

An organization uses Common Data Service.

The organization's IT helpdesk requires a single-page web application to monitor and manage Data Export Service. The app must access Data Export Service securely. The app must also permit helpdesk users to perform a limited set of functions.

You need to create a single-page app.

Which options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Option
Connect to the app securely	<div>▼</div> <div>Use the Common Data Service user security role Use the sign-in credentials for Azure SQL Server Use the Environment Maker security role Register the app in Azure Active Directory</div>
Monitor the status of data replication	<div>▼</div> <div>Use FetchXML queries Use Profile operations Use Metadata operations Use T-SQL queries</div>
Enable an entity for replication	<div>▼</div> <div>Define an alternate key Enable Auditing Enable Change Tracking Set the data provider</div>
Start or stop data replication	<div>▼</div> <div>/crm/exporter/metadata/entities /crm/exporter/profiles/validate /crm/exporter/profiles/{id}/test /crm/exporter/profiles/{id}/activatedata</div>
View information on records that fail to sync	<div>▼</div> <div>Use Azure Storage Explorer Use FetchXML queries Use Profile operations Use T-SQL queries</div>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Register the app in Azure Active Directory
Box 2: Use FetchXML queries

The failure entries can be retrieved through the Get the failure details for a given Profile request. The response returns a URI to an Azure blob that contains the failure information. Each line has the following comma-separated fields (newlines added for clarity):

Entity: <entity-name>, RecordId: <"N/A" | guid>, NotificationTime: <datetime>, ChangeType: <sync-type>, FailureReason: <description>

Note: FetchXML is a proprietary XML based query language of Microsoft Dataverse used to query data using either the Web API or the Organization service. It's based on a schema that describes the capabilities of the language. The FetchXML language supports similar query capabilities as query expressions.

NEW QUESTION 21

- (Topic 6)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated

goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

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

You are developing a model-driven app for a company.

When you create a new Account record, you must automatically display a form to collect data that is needed to create a Contact record. The form must switch to the appropriate form layout based on the contact type.

You open the Contact form by using JavaScript. You pass the contact type information to the form by using the Xrm.Navigation.openForm function. An OnLoad event handler in the Contact form processes the data and shows only the appropriate sections of the form for the given contact type.

You need to configure the receiving form to accept the data parameter.

Solution: In the form editor, add a query string parameter for the data parameter. Does the solution meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

By default, model-driven apps allows a specified set of query string parameters to be passed to a form. You use these parameters to set default values when you create a new record in the application. Each parameter must use a standard naming convention that includes a reference to the column logical name.

There are two ways to specify which query string parameters will be accepted by the form:

? Edit form properties

? Edit form XML

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/configure-form-accept-custom-querystring-parameters>

NEW QUESTION 26

HOTSPOT - (Topic 6)

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

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


```

01 string token = null;
02 token = ProcessAccountChanges(_service, token, changeQueue, deleteQueue);
03 ...
04 token = ProcessAccountChanges(_service, token, changeQueue, deleteQueue);
05 ...
06 private static string ProcessAccountChanges(IOrganizationService orgservice,
string token, Cloud Queue 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 31

- (Topic 6)

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

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

A university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.

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

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

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

- A. Yes
- B. No

Answer: B

Explanation:

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

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

NEW QUESTION 32

- (Topic 6)

A company has two development instances, two test instances, two staging instances, and one production instance.

The test team reports connection issues with the test and staging instances.

You need to identify which 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-organization-web-api>

<https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/samples/global-discovery-service-csharp>

NEW QUESTION 33

- (Topic 6)

You are troubleshooting a new canvas app.

Users report the app loads slowly. You use the Monitor tool to view various events being performed in the app. Events performed in the app do not have formula details.

You need to enable formulas to be included with the Monitor tool events. What should you do?

- A. Turn on the Debug published app setting in the canvas app.
- B. After each event, implement the trace function within the canvas app.
- C. Add the Microsoft Azure Application Insights data source to the canvas app.
- D. Validate the Application Insights instrumentation key has been populated in the app object's properties within the canvas app.

Answer: A

NEW QUESTION 35

- (Topic 6)

As part of the month-end financial closing process, a company uses a batch job to copy all orders into a staging database.

The staging database is used to calculate any outstanding amounts owed by clients, and must process all historical data.

You need to ensure that only the data affected during the month is included in the integration process.

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. Use change tracking on the orders and run the integration to retrieve new orders and the orders that have the total amount changed in the last month.
- B. Create a system view with the orders that have the Modified On field in the last month and run the integration on this subset.
- C. Use change tracking on the order lines and run the integration every week and retrieve only the order lines that have been created or deleted in the last month.
- D. Create a system view with the order lines that have the Modified On field in the last month and run the integration on this subset.

Answer: CD

Explanation:

C: The change tracking feature in Microsoft Dataverse provides a way to keep the data synchronized in an efficient manner by detecting what data has changed since the data was initially extracted or last synchronized. Deletions and creations are tracked.

D: On modified Order Lines, not on Modified Orders. Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-change-tracking-synchronize-data-external-systems>

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/behavior-format-date-time-attribute>

NEW QUESTION 37

HOTSPOT - (Topic 6)

An organization has a custom Assignments entity that guides agent actions. Team leaders for each assignment group must be able to review any changes made to assignment data by their agents.

You have the following JSON segment:


```
{
  "@odata.context": "https://orgxyz.api.crm3.dynamics.com/api/data/v9.1/$metadata#xyz_assignments
  (xyz_assignmentname,xyz_secretcode)",
  "@odata.deltaLink": "https://orgxyz.api.crm3.dynamics.com/api/data/v9.1/xyz_assignments?
  $select=xyz_assignmentname,
  xyz_secretcode&$deltatoken=652832%2107%2f20%2f2020%2017%3a21%3013",
  "value": [
    {
      "@odata.etag": "W/\"652815\"",
      "xyz_assignmentname": "spy007",
      "xyz_secretcode": "abc",
      "xyz_assignmentid": "a278f39e-a7ca-ea11-a812-000d3af45c52"
    },
    {
      "@odata.etag": "W/\"652816\"",
      "xyz_assignmentname": "agent007",
      "xyz_secretcode": "123",
      "xyz_assignmentid": "1e110eac-a7ca-ea11-a812-000d3af45c52"
    }
  ]
}
```

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

NOTE: Each correct selection is worth one point.

	Yes	No
You can use the JSON segment to retrieve a list of changes to the assignment records referenced in the segment.	<input type="radio"/>	<input type="radio"/>
You can use the data link to query the assignment changes from the last 30 days.	<input type="radio"/>	<input type="radio"/>
You can use the data link with a \$filter option to retrieve assignment changes from the last 30 days.	<input type="radio"/>	<input type="radio"/>
Is the delta link token valid?	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Delta query lets you query for additions, deletions, or updates to users, by way of a series of delta function calls. Delta query enables you discover changes to users without having to fetch the entire set of users from Microsoft Graph and compare changes.

Box 2: No

Tracking user changes

Tracking user changes is a round of one or more GET requests with the delta function. You make a GET request much like the way you list users, except that you include the following:

The delta function.

A state token (deltaToken or skipToken) from the previous GET delta function call.

Delta tokens are only valid for a specific period before the client application needs to run a full synchronization again. For directory objects (application, administrativeUnit,

directoryObject, directoryRole, group, orgContact, oauth2permissiongrant, servicePrincipal, and user), the limit is 7 days.

Box 3: No

There is limited support for \$filter:

The only supported \$filter expression is for tracking changes on a specific object:

\$filter=id+eq+{value}. Box 4: Yes

NEW QUESTION 41

DRAG DROP - (Topic 6)

A company is developing a Microsoft Dataverse plug-in. The plug-in must create a follow-up task for a new account

You add the code that receives context(IPluginExecutionContext) and service(IOrganizationService).

You need to create the remaining code to insert the follow-up task.

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

Code Blocks

Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account;

service.Update(followuptask);

Entity account = (Entity)context.PreEntityImages["Target"];

Entity account = (Entity)context.InputParameters["Target"];

Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account.ToEntityReference();

service.Create(followuptask);

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Code Blocks

Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account;

service.Update(followuptask);

Entity account = (Entity)context.PreEntityImages["Target"];

Entity account = (Entity)context.InputParameters["Target"];

Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account.ToEntityReference();

service.Create(followuptask);

Answer Area

Entity account = (Entity)context.InputParameters["Target"];

Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account.ToEntityReference();

service.Create(followuptask);

NEW QUESTION 44

- (Topic 6)
You need to resolve the address validation API error. Which method should you use to connect?

- A. an Azure function triggered by a webhook
- B. JavaScript code
- C. a custom connector used in a cloud flow
- D. a plug-in attached to a custom action called from JavaScript

Answer: C

NEW QUESTION 49

- (Topic 6)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A company requires custom validation when users save form records that use a synchronous plug-in.
If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.
You need to implement the custom validation.
Solution: Throw an InvalidPluginExecutionException with the message. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 50

HOTSPOT - (Topic 6)
The following code updates the customer size code choice column on the Account table if the number of employees column value is greater than 100. Line numbering is provided for information only.

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 52

- (Topic 6)
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 54

DRAG DROP - (Topic 6)
A company implements Dynamics 365 Sales.
Only sales managers must be able to perform the approval to move high value sales on in the opportunity qualification process. A new field must be created to capture the approval.
You need to create and secure the new field.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

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.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

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

NEW QUESTION 58

DRAG DROP - (Topic 6)
You are creating various Power Apps apps for a company. Power Automate flows must connect securely to the following external systems:

External system	Comments
Accounts receivable	This is a proprietary database. You must access the database by using an API. The API uses the client credentials grant type.
Bing Maps	You must access the API by sending a unique identifier in the query string of requests.

You need to create custom connectors to access the external systems. Which type of security should you use for the connectors?
To answer, drag the appropriate security types to the correct external systems. Each security type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE; Each correct selection is worth one point.

Security types

OAuth 2.0

Basic authentication

API key

No authentication

Answer Area

External system

Accounts receivable

Bing maps

Security type

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Security types	Answer Area
<div>OAuth 2.0</div>	<div>External system</div> <div>Accounts receivable</div> <div>Bing maps</div> <div>Security type</div> <div>OAuth 2.0</div> <div>API key</div>

NEW QUESTION 59

DRAG DROP - (Topic 6)

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

Which options should you use? To answer, drag the appropriate options to the correct

requirements. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Options	Answer Area										
<div>connection</div> <div>one-to-many relationship</div> <div>many-to-many relationship</div> <div>self-referential relationship</div>	<table><thead><tr><th>Requirement</th><th>Option</th></tr></thead><tbody><tr><td>Visualize records as a hierarchy in a model-driven app.</td><td>Option</td></tr><tr><td>Associate a record with other records in multiple entities.</td><td>Option</td></tr><tr><td>Records in one entity must be able to reference only a single record in another entity.</td><td>Option</td></tr><tr><td>Any record in one entity must be able to be referenced by any record in another entity.</td><td>Option</td></tr></tbody></table>	Requirement	Option	Visualize records as a hierarchy in a model-driven app.	Option	Associate a record with other records in multiple entities.	Option	Records in one entity must be able to reference only a single record in another entity.	Option	Any record in one entity must be able to be referenced by any record in another entity.	Option
Requirement	Option										
Visualize records as a hierarchy in a model-driven app.	Option										
Associate a record with other records in multiple entities.	Option										
Records in one entity must be able to reference only a single record in another entity.	Option										
Any record in one entity must be able to be referenced by any record in another entity.	Option										

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: self-referential relationship

Box 2: connection

There are other less formal kinds of relationships between records that are called connections. For example, it may be useful to know if two contacts are married, or perhaps they are friends outside of work, or perhaps a contact used to work for another account. Most businesses won't generate reports using this kind of information or require that it is entered, so it's probably not worthwhile to create entity relationships.

Box 3: one-to-many relationship Box 4: many-to-many relationship

NEW QUESTION 62

- (Topic 6)

You are developing a model-driven app. The app uses data from two custom tables. The tables have a parent-child relationship. The parent record form contains a subgrid that displays the child records.

When creating a new child record from the parent form, data must automatically populate in the child record form to reduce data input errors.

You need to implement the solution. What should you do?

- A. Use a Power Automate flow to read data from the parent record and update the child record upon creation.
- B. Map table columns from the parent record to the child record.
- C. Create a business rule that sets the default values on the child record fields to values from the parent record.
- D. Include a quick view form on the child record showing the data from the parent record.

Answer: B

Explanation:

A subgrid exists within a main form and let app users view data within a Dataverse table, typically related to the record currently being reviewed.

Reference:

<https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/sub-grid-properties- legacy>

NEW QUESTION 63

- (Topic 6)

A company is migrating from an on-premises Dynamics 365 installation to a Power Platform solution. You are creating plug-ins for the new solution.

You need to register the plug-ins. Which isolation mode should you use?

- A. None
- B. Global Assembly Cache (GAC)
- C. Sandbox
- D. Disk

Answer: C

Explanation:

You will find options related to the isolation mode and location for the assembly. These refer to options that apply to on-premise deployments. Dataverse is not available for on-premise deployments, so you will always accept the default options of SandBox and Database for these options.

Reference:

<https://docs.microsoft.com/en-us/powerapps/developer/data-platform/register-plugin-in>

NEW QUESTION 64

DRAG DROP - (Topic 6)

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
<input type="text" value="Step"/>	The process starts with the receipt of the request for quote.	<input type="text"/>
<input type="text" value="Stage"/>	Ensure that credit checks are performed for new users only.	<input type="text"/>
<input type="text" value="Custom control"/>	Merge all process paths into the main flow.	<input type="text"/>
<input type="text" value="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 to create business process flow with multiple branches by using the If-Else logic.

Box 3: Stage

Each stage contains a group of steps.

NEW QUESTION 65

- (Topic 6)

A company needs to illustrate the relationships of the entities in Dynamics 365 Sales. You need to select the appropriate tool to show this graphic.

Which tool should you select?

- A. Metadata diagram
- B. Sales Insights
- C. Power Automate
- D. Security model

Answer: A

Explanation:

Visual representation of metadata can be useful, especially when you are trying to describe the relationship between entities in the system. You can use the Metadata Diagram sample code provided for Dynamics 365 Customer Engagement (on-premises) to generate the entity relationship diagrams.

You can create a diagram that shows a relationship for just one entity, or a complex diagram that includes dozens of related entities, including custom and system entities.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-metadata-generate-entity-diagrams>

NEW QUESTION 67

- (Topic 6)

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

Solution: Create a calculated column on the virtual table. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 69

- (Topic 6)

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

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

You are 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: Configure the Azure Function with a timer trigger that runs every five minutes. The function will query the Common Data Service and process records created in the last five minutes. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead use Azure Service Bus queue solution with asynchronous communication. Reference: <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration>

NEW QUESTION 72

HOTSPOT - (Topic 6)



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

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

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

Change Column Properties ×

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

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

Account Name	Annual Revenue	Address 1: Street	Address 2	Address 3: ZIP/...	Primary Contact	Open Amount
Ac Telus 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

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

NEW QUESTION 77

HOTSPOT - (Topic 6)

You are creating an app for a school.

You need to implement client-side logic that uses the Microsoft Dataverse web API to evaluate the class type associated with a class record. The code must hide the School Schedule tab if no value is entered for Class Type.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
function handleClassTypeSettings (executionContext) {
    var formContext = executionContext.getFormContext();
    var classType = formContext.getAttribute("contoso_classtype").
    if (classType === null)
        formContext.ui.
        empty string
        null
        zero
    formContext.ui.tabs.get("SchoolScheduleTab").

```

- getValue()
- setVisible()
- getValue()
- getObject()
- getName()

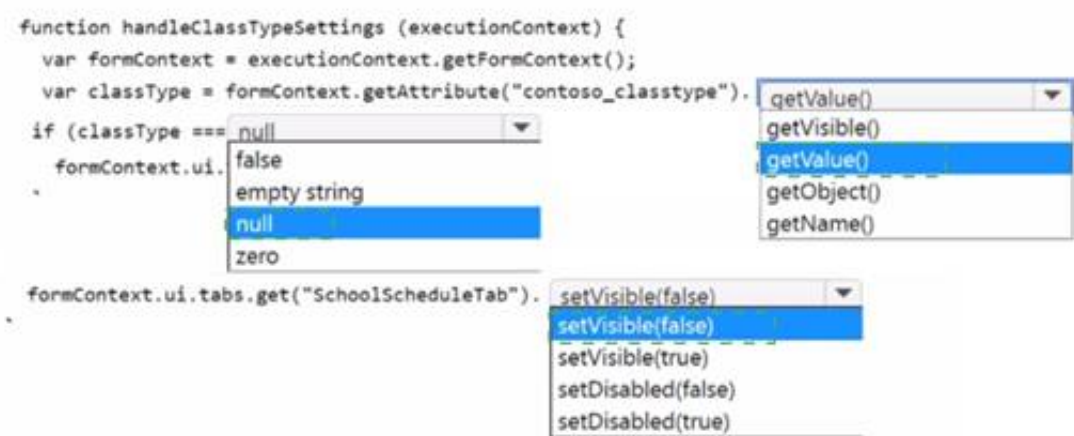
- setVisible(false)
- setVisible(true)
- setDisabled(false)
- setDisabled(true)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 79

DRAG DROP - (Topic 6)

You are modifying a model-driven app for a bicycle company. The app modifications must meet the following requirements:

- The order form must include a column that calculates payments based on how many years the customer wants to finance a bicycle.
- A pop-up box must remind the employee to validate the information entered before saving.

You must use out-of-the-box features before customizing the application. What should you do?

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

NOTE: Each correct answer is worth one point.

Actions

Customize the app.

Configure an out-of-the-box feature.

Edit XML.

Answer Area

Requirement

Calculate payments.

A pop-up box must appear.

Action

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Customize the app.

Configure an out-of-the-box feature.

Edit XML.

Answer Area

Requirement

Calculate payments.

A pop-up box must appear.

Action

Configure an out-of-the-box feature.

Edit XML.

NEW QUESTION 83

HOTSPOT - (Topic 6)

You are developing an app for a sales team to record contact details in their Common Data Service (CDS) database.

The app must handle loss of network and save the data to CDS when reconnected.

The main screen of the app has a form to collect contact data and a button. The OnSelect property for the button has the following expression:


```
1. If (
2. Connection.Connected,
3. Path(
4. Contacts,
5. Defaults(Contacts),
6. {
7. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
8. }
9. );
10. Navigate(ConfirmationScreen,ScreenTransition.Fade)
11. ,
12. ClearCollect(
13. LocalRecord,
14. {
15. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
16. }
17. );
18. SaveData(LocalRecord, "LocalRecord");
19. Navigate(PendingScreen,ScreenTransition.Fade)
20. )
```

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
The expression saves the data to CDS when reconnecting after losing network connection.	<input type="radio"/>	<input type="radio"/>
The collection contains all contacts not saved to CDS.	<input type="radio"/>	<input type="radio"/>
The expression updates existing contacts in CDS.	<input type="radio"/>	<input type="radio"/>
The expression handles loss of connection to CDS.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

LoadData and SaveData combine to form a simple mechanism to store small amounts of data on a local device. By using these functions, you can add simple offline capabilities to your app.

Box 2: No

Box 3: No

Box 4: Yes

NEW QUESTION 84

HOTSPOT - (Topic 6)

A model-driven app has the following JavaScript code. The code is attached to the OnChange event of the Phone (telephone1) field on the Account entity.

```
var telephone = formContext.getAttribute("telephone1").getValue();
if (!telephone) {
    return;
}
var contact = formContext.getAttribute("primarycontactid").getValue();
var data = { "telephone1": telephone }
Xrm.WebApi.updateRecord("contact", contact[0].id, data).then(
    function () {
        Xrm.Navigation.openAlertDialog("Updated");
    },
    function () {
        var errorOptions = { "message": "Not Updated" };
        Xrm.Navigation.openAlertDialog(errorOptions);
    }
)
```

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
When the code runs and the Primary contact (primarycontactid) field is populated, the Contact record's Phone (telephone1) field is updated to match the Account.	<input type="radio"/>	<input type="radio"/>
When the code runs and the Primary contact (primarycontactid) field is not populated, the following error message displays: Not Updated	<input type="radio"/>	<input type="radio"/>
When the code runs and the value in Phone (telephone1) is removed, the Contact record's Phone (telephone1) field is updated to null.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
Xrm.WebApi.updateRecord updates a table record.
Syntax:
Xrm.WebApi.updateRecord(entityLogicalName, id, data).then(successCallback, errorCallback);
Box 2: Yes
Box 3: No
No action would be taken.

NEW QUESTION 85

HOTSPOT - (Topic 6)

You are designing an integration between Dataverse and an external application. The external application processes thousands of records per day. Record processing volumes vary throughout the day. Extremely high processing volumes may occur and may exceed the Dataverse service protection API limits. You need to implement each service protection limit that is enforced. Which implementations should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Service Protection Limit	Implementation
Number of requests	<div><div></div><div>Number per user over a sliding window of time</div><div>Number per environment over a sliding window of time</div><div>Number per user per 24-hour period</div><div>Number per environment per 24-hour period</div></div>
Combined execution time	<div><div></div><div>Combined time per user over a sliding window of time</div><div>Combined time per user over a fixed window of time</div><div>Combined time per environment over a sliding window of time</div><div>Combined time per environment over a fixed window of time</div></div>
Concurrent requests	<div><div></div><div>Fixed number per user</div><div>Fixed number per tenant</div><div>Fixed number per application</div><div>Fixed number per environment</div></div>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Number per user over a sliding window of time
Service protection API limits are enforced based on three facets:
? The number of requests sent by a user.
? The combined execution time required to process requests sent by a user.
? The number of concurrent requests sent by a user.
The following table describes the default service protection API limits enforced per web server:

Measure	Description	Limit per web server
Number of requests	The cumulative number of requests made by the user.	6000 within the 5 minute sliding window
Execution time	The combined execution time of all requests made by the user.	20 minutes (1200 seconds) within the 5 minute sliding window
Number of concurrent requests	The number of concurrent requests made by the user	52

Box 2: Combined time per user over a sliding window of time Box 3: Fixed number per user

NEW QUESTION 89

- (Topic 6)

You are configuring a Microsoft Power Virtual Agents chatbot to use the authenticate option for Microsoft Teams only.

You need to select the variables that will return information about the logged in user.

Which two variables should you use?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. AuthToken
- B. UserDisplayName
- C. UserID
- D. IsLoggedIn

Answer: AD

NEW QUESTION 92

- (Topic 6)

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

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

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

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

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

Answer: A

Explanation:

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

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

Reference:

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

NEW QUESTION 95

HOTSPOT - (Topic 6)

You are developing a canvas app for a healthcare center.

You need to create custom tables for the solution. You have the following requirements:

Requirement	Comment
Store information about doctors.	Store the name, location, license number, and a list of certifications for each doctor that works at the healthcare center.
Store information about prescription medications.	Reference prescription data from an external database.

You need to create the tables.

Which table type should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

Store information about doctors.

Store information about prescription medications.

Table type

Standard

Virtual

Activity

Standard

Virtual

Virtual

Custom

Standard

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement	Table type
Store information about doctors.	<div>Standard</div> <div>Virtual</div> <div>Activity</div> <div>Standard</div>
Store information about prescription medications.	<div>Virtual</div> <div>Virtual</div> <div>Custom</div> <div>Standard</div>

NEW QUESTION 96

HOTSPOT - (Topic 6)

You develop the following code for a console application that performs the data import to Microsoft Dataverse.

```
01  CrmServiceClient service = new CrmServiceClient(connectionString);
02
03  if (!service.IsReady)
04  {
05      Console.WriteLine(service.LastCrmError);
06      Console.ReadLine();
07      return;
08  }
09
10  ExecuteMultipleRequest executeMultipleRequest = new ExecuteMultipleRequest()
11  {
12      Settings = new ExecuteMultipleSettings()
13      {
14          ContinueOnError = false,
15          ReturnResponses = true
16      },
17      Requests = new OrganizationRequestCollection()
18  };
19
20  executeMultipleRequest.Requests.Add(new CreateRequest()
21  {
22      Target = new Entity("account")
23      {
24          ["name"] = "Contoso",
25          ["accountnumber"] = "ACC-0000001"
26      },
27      ["SuppressDuplicateDetection"] = false
28  });
29
30  executeMultipleRequest.Requests.Add(new CreateRequest()
31  {
32      Target = new Entity("contact")
33      {
```

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

Answer Area

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	<input type="radio"/>	<input type="radio"/>
When a similar account exists, the account will still be created.	<input type="radio"/>	<input type="radio"/>
A contact record will always be created.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	<input checked="" type="radio"/>	<input type="radio"/>
When a similar account exists, the account will still be created.	<input type="radio"/>	<input checked="" type="radio"/>
A contact record will always be created.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 98

- (Topic 6)

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

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

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

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

other developers expand the environment.

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

Does the solution meet the goal?

A. Yes

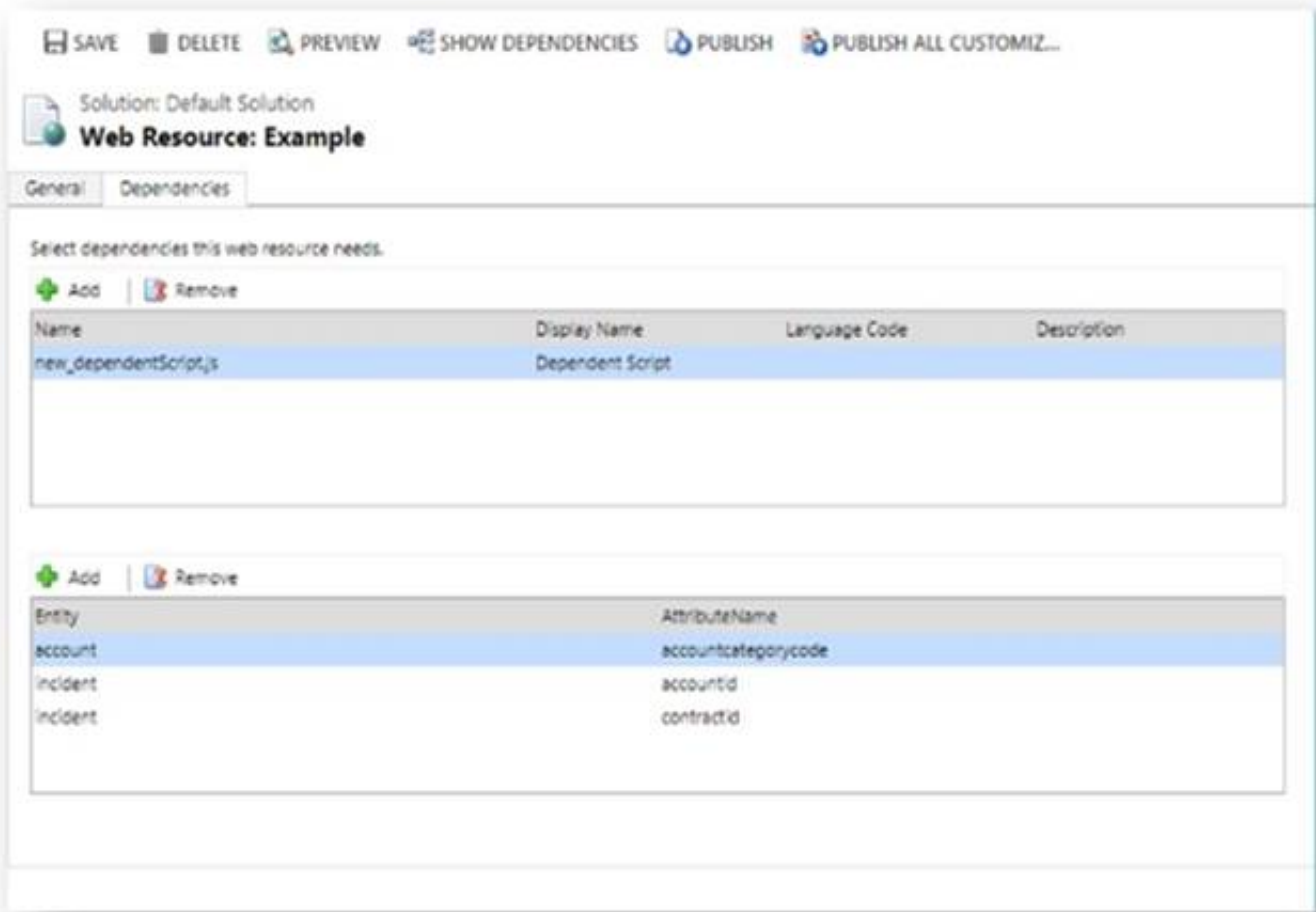
B. No

Answer: A

Explanation:

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

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



Reference:

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

NEW QUESTION 103

DRAG DROP - (Topic 6)

You are creating a model-driven app.

You are using the Opportunities table to estimate the opportunity. The requirements for the app include:

- An email must be sent to the sales team if the opportunity is over \$50,000.
- Users must be able to enter sponsors when creating a record if the opportunity is over one million dollars.

You must minimize the lines of code required. You need to implement the app.

Which tools should you use?

To answer, drag the appropriate tools to the correct requirements. Each tool 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.

Tools

Power Automate cloud flow

Business rules

Javascript

Power Virtual Agent

Requirement

Opportunity over \$50,000

Opportunity over one million dollars

Tool

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Tools

Power Automate cloud flow

Business rules

Javascript

Power Virtual Agent

Requirement

Opportunity over \$50,000

Opportunity over one million dollars

Tool

Power Automate cloud flow

Business rules

NEW QUESTION 108

- (Topic 6)

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

Solution: Use a table that has a GUID as its primary key. Does the solution meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

If all the entities in external data source have an associated GUID primary key then we can implement the virtual entities for sure. For Reference:

<https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/virtual-entities/get-started-ve?view=op-9-1>

NEW QUESTION 109

- (Topic 6)

You are implementing business logic for a model-driven app form by using multiple JavaScript web resources.

The business logic number of JavaScript files, and the columns that the business logic requires are expected to change frequently. Some form fields will not be visible. Occasionally non-developers will also make changes to the form.

You need to prevent columns referenced by the JavaScript from accidentally being removed from the form based.

What should you do?

- A. Add columns in each JavaScript file as a dependency.
B. Set all columns as business required.
C. Hide columns that should not be displayed.
D. Add all columns as non-event dependencies to the form.

Answer: A

NEW QUESTION 114

HOTSPOT - (Topic 6)

You are training a group of makers to use Power Automate. You have the following expressions:

Name	Expression
1	<code>outputs('Get_Item').statusCode</code>
2	<code>"from": "@result('MyScope')"</code>

You need to identify what each expression is doing.

What does each expression do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Expression

Action

1

Return the statuscode at runtime.
Return the output to the statuscode at runtime.
Return the Get_Item at runtime.

2

Return MyScope as all the action items.
Return all the variables from all actions from MyScope.
Return all the results from all actions from MyScope.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Return the statuscode at runtime.

You could try the following method to get the status code.

Configure Compose action under the specified action to get the status code. `outputs('ActionName')['statusCode']`

Box 2: Return all the results from all actions from MyScope

The `@result()` expression accepts the name of a Scope as a parameter and returns a JSON array of objects that represent the results of the execution of each action within the Scope.

NEW QUESTION 118

- (Topic 6)

A company designs a Microsoft Dataverse Custom API to encapsulate business logic in it

The Custom API business logic must be encapsulated in a way that does not allow the business logic behavior to be modified or canceled.

You need to set the parameter value of the custom API so it cannot be customized. Which parameter value should you set?

- A. Execute Privilege Name to pr
B. SdkMessageProcessingStep
C. Binding Type to Entity
D. Custom Processing Step to None
E. Enabled for Workflow to No

Answer: C

NEW QUESTION 119

- (Topic 6)

The communication department for a company plans to add a publicly accessible survey page to the company's public website.

You must add the new survey page to the company's public website and capture data from the page to a Common Data Service environment.

Explicit user credentials must not be required to write survey data to Common Data Service.

You need to implement authentication.

Which authentication mechanism should you implement?

- A. Microsoft 365
B. X.509 certificate
C. OAuth2.0
D. Claims-based

Answer: C

Explanation:

OAuth is the preferred means to authenticate because it provides access to both the OData RESTful web services (Web API and OData global Discovery service) as well as to the SOAP web services (Organization service and Discovery service).

OAuth is also required to support:

? Azure Active Directory configurations for conditional access, such as Two-factor Authentication (2FA)

? Use of client secrets to enable server-to-server authentication scenarios.

? Cross-Origin Resource Sharing (CORS) to connect a Single-page Application (SPA)

Reference:

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

NEW QUESTION 120

HOTSPOT - (Topic 6)

You are developing a model-driven app by using Microsoft Power Platform. The app must perform the following functions:

- Automatically receive updates from a purchase order system.
- Only add new purchase orders. You need to implement the app.

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

NOTE: Each correct selection is worth one point

Answer Area

Requirement

Automatically receive purchase order updates.

Add new purchase orders.

Component

Connector with polling trigger	▼
Connector with polling trigger	
Connector with webhook trigger	
Triggers for scheduled flows	
Creation date	▼
Account name	
Creation date	
Account number	
Purchase order amount	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement

Automatically receive purchase order updates.

Add new purchase orders.

Component

Connector with polling trigger	▼
Connector with polling trigger	
Connector with webhook trigger	
Triggers for scheduled flows	
Creation date	▼
Account name	
Creation date	
Account number	
Purchase order amount	

NEW QUESTION 123

- (Topic 6)

A company uses the Data Export Service (DCS) to refresh their Azure SQL Data Warehouse instance. The data warehouse is used for historical trend analysis and forecasting.

The refresh process from the Common Data Service (CDS) environment to the data warehouse has errors. Users report that data is missing.

A CDS test environment that contains DES is available to troubleshoot the import outside of the production environment. You create a new database for testing. You need to configure the test environment to point to the new database. What should you create first to access the database?

- A. A new secret in Azure Key Vault
- B. A new user in the SQL database
- C. A new export profile in CDS test
- D. A new application registration

Answer: A

Explanation:

Because this service requires access to an external Microsoft Azure SQL Database from Dynamics 365 (online), a number of prerequisites must be satisfied before you can successfully access this service including:

? Global / Tenant Admin access, or an Azure Key Vault must be provisioned and the setup user must have permissions on Secrets. Reference:

<https://blog.crgroup.com/dynamics-365-latest-feature-the-data-export-service/>

NEW QUESTION 124

- (Topic 6)

You are creating a Power Apps app.

The app must retrieve data from an API that requires two-factor authentication. You need to configure authentication.

Which type of authentication should you implement?

- A. Server-to-server
- B. Basic
- C. API key-based
- D. OAuth

Answer: D

NEW QUESTION 126

- (Topic 6)

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-topowerapps-and-flow.md>

NEW QUESTION 129

HOTSPOT - (Topic 6)

A company is building a new model-driven app.
The app must integrate with a number of on-premises and cloud solutions. No VPNs are in place.
You need to determine the method for each integration.
Which methods should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Integration	Method
Outbound synchronous calls to a third-party Web API service	<div><div></div><div>Webhook</div><div>Microsoft Flow</div><div>Azure Event Hub</div><div>Azure Service Bus</div></div>
Calls to and from a website hosted in Azure with high peak loads	<div><div></div><div>Plug-in</div><div>Webhook</div><div>Azure Event Hub</div><div>Azure Service Bus</div></div>
Outbound calls to multiple on-premises and cloud systems to notify of customer address changes	<div><div></div><div>Plug-in</div><div>Azure Event Hub</div><div>Webhook</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Webhook
With Dataverse, you can send data about events that occur on the service to a web app by using webhooks. A webhook is a lightweight HTTP pattern for connecting web APIs and services with a publish-and-subscribe model. Webhook senders notify receivers about events by making requests to receiver endpoints with some information about the events.
Webhooks enable developers and ISVs to integrate Dataverse data with their own custom code hosted on external services.
Box 2: Azure Service Bus
Service Bus provides a secure and reliable communication channel between Dataverse runtime data and external, cloud-based line-of-business apps. This capability is especially useful in keeping disparate Dataverse systems or other Dataverse servers synchronized with business data changes.
Box 3: Azure Event hub
Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.
Note: The most popular approaches in Dataverse involve webhooks, Azure messaging (Service Bus, Event Hubs), Azure Logic Apps, or Power Automate.

NEW QUESTION 133

HOTSPOT - (Topic 6)

A company has a development environment and a production environment. The production environment has several third-party managed and unmanaged solutions that made changes to the Contact main form.
You create a new solution in the development environment. You add the Contact entity and the Contact main form to the solution. You create a custom field on the Contact entity.
What happens when you perform these actions and import the solution into the production environment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Action	Result
Add the field to the middle of an existing section in the Contact main form.	<div><div></div><div>The field is inserted at the start of the existing section. The field is inserted in the middle of the existing section. The field is appended to the end of the existing section. The field is added in a new section.</div></div>
Create a new section in the Contact main form and add the field to the new section.	<div><div></div><div>The field is inserted at the start of the existing section. The field is inserted in the middle of the existing section. The field is appended to the end of the existing section. The field is added in a new section.</div></div>
Create a new form and add the field to the middle of an existing section.	<div><div></div><div>The field is inserted at the start of the existing section. The field is inserted in the middle of the existing section. The field is appended to the end of the existing section. The field is added in a new section.</div></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

NEW QUESTION 134

- (Topic 6)

You are designing a one-way integration from Microsoft Dataverse 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 Dataverse instance 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 post-operation 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: B

NEW QUESTION 138

- (Topic 6)

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

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

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

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

Answer: B

Explanation:

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

Reference:

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

NEW QUESTION 141

HOTSPOT - (Topic 6)

You are developing a business process flow.

JavaScript must be used to implement additional business logic in the business process flow.

You need to evaluate the JavaScript code.

What is the result of running each code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

JavaScript code segment	Code Result
<code>formContext.getControl("test_number").setVisible(false);</code>	<div> <input type="text"/> </div> <div> <input type="text"/> </div> <div> <input type="text"/> </div>
<code>formContext.data.process.addOnStageChange(testFunction);</code>	<div> <input type="text"/> </div> <div> <input type="text"/> </div> <div> <input type="text"/> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Hides the control in the body of the form.

The Client API form context (formContext) provides a reference to the form or to an item on the form, such as, a quick view control or a row in an editable grid, against which the current code is executed.

setVisible sets a value that indicates whether the control is visible.

Box 2: Add an event handler to enable a function named TestFunction to run when the business process flow stage changes.

addOnStageChange adds a function as an event handler for the OnStageChange event so that it will be called when the business process flow stage changes.

NEW QUESTION 144

- (Topic 6)

You create a Power Virtual Agents chatbot in an environment named Environment1. A colleague creates a Power Automate flow in the default solution in the default environment.

The chatbot in Environment1 does not recognize the flow in the default environment. You need to ensure the chatbot can access the flow.

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

NOTE: Each correct selection is worth one point.

- A. Add the Power Automate flow to a solution in Environment1.
- B. Send a copy of the Power Automate flow from the default environment.
- C. Add the Power Automate flow to a solution in the default environment.
- D. Export the solution from the default environment and import the solution into Environment1.
- E. Share the Power Automate flow from the default environment.

Answer: AE

Explanation:

E: The flow needs to be shared as it was created by another person.

A: To be available to your bots, flows must be stored in a solution in Power Automate. If you do not want to use the Default Solution for this purpose, you can move your flows to another solution. Reference:

<https://docs.microsoft.com/en-us/power-virtual-agents/environments-first-run-experience>

NEW QUESTION 145

- (Topic 6)

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

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

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

Which method should you use?

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

Answer: A

Explanation:

Use LoadData and SaveData for basic data storage while offline.

Note:

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

? Launching the PowerApps mobile player app offline

? Running apps while being offline

? Determine when your app is online or offline or in a metered connection by using the Connection signal object.

? Leverage existing formulas such as LoadData and SaveData for basic data storage while offline.

Reference:

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

NEW QUESTION 146

HOTSPOT - (Topic 6)

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

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

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

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

Step	Action
Move program data to the public website.	<div><div></div><div>Create an Azure Function app Create an asynchronous webhook Create a Power Automate instant cloud flow Create a plug-in that uses a secure connection</div></div>
Package the program details.	<div><div></div><div>Use the Power Automate HTTP request trigger. Configure a shared access signature for the Azure Function. Register a pre-image for the program create message step in the Plug-in Registration tool. Register a step for the program create message step by using the Plug-in Registration tool.</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Create a plug-in Register a step

NEW QUESTION 149

HOTSPOT - (Topic 6)
You need to complete a Power Apps component framework (PCF) control.
How should you define the order in the manifest? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

<resources>

<code path="scripts/HelloWorldControlWave.js" order="1" />

<code path="scripts/HelloWorldControlRandom.js" order="2" />

<css path="style/HelloWorldControl.css" order="

1

2

3

" />

<html path="HelloWorldControlWaveRandom.htm" order="

1

2

3

" />

</resources>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Box 1: 1
The css order element is the order in which the CSS files should load.
Box 2: 1
The html order element is the order in which the HTML files should load.

NEW QUESTION 152

HOTSPOT - (Topic 6)
You develop the following code as part of an OnSave event handler in a form.

```
01  executionContext.getEventArgs().preventDefault();
02
03  var isOnHold = false;
04  Xrm.WebApi.retrieveRecord("account", id, "?$select=creditonhold").then(
05      function (result) {
06          isOnHold = result["creditonhold"];
07      }
08  );
09
10  if (isOnHold) {
11      Xrm.Navigation.openConfirmDialog({ text: 'Credit Hold - Save OK?' }).then(
12          function (success) {
13              if (success.confirmed) {
14                  formContext.data.save();
15              }
16          });
17  }
```

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

Answer Area

Statement	Yes	No
The code cancels the normal save operation of the form.	<input type="radio"/>	<input type="radio"/>
A confirmation dialog box is displayed if the creditonhold value is true.	<input type="radio"/>	<input type="radio"/>
The record will save if the creditonhold value is false.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statement	Yes	No
The code cancels the normal save operation of the form.	<input checked="" type="radio"/>	<input type="radio"/>
A confirmation dialog box is displayed if the creditonhold value is true.	<input checked="" type="radio"/>	<input type="radio"/>
The record will save if the creditonhold value is false.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 154

- (Topic 6)

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

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

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

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

- ? Write a SSIS package to connect to the source and target.
- ? Develop the SSIS package to find the records by the Modified on field.
- ? Create or update the records in the database instance based on results.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead enable change tracking for entities that will be synchronized, and use the Data Export Service to sync data between the database and Dynamics 365 Sales.

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 155

- (Topic 6)

A company develops a new Microsoft Dataverse plug-in that manages the Update message of an entity.

The plug-in logic requires access to the record columns before the operation starts and must compare the columns to post-update values.

You need to modify the design of the solution to access the information. What should you do?

- A. Add the code to the plug-in to read the record from the InputParameters collection.
- B. Register a pre-image by using the Plug-in Registration Too
- C. Add the code to the plug-in to read the image from the PreEntityImages collection.
- D. Register a post-image by using the Plug-in Registration Too
- E. Add the code to the plug- in to read the image from the PostEntityImages collection.
- F. Add the code to the plug-in to query the data from Dataverse by using the API call based on the record ID.

Answer: B

NEW QUESTION 160

HOTSPOT - (Topic 6)

A manufacturing company takes online orders.
The company requires automatic validation of order changes. Requirements are as follows:
? If validation is successful, the order is submitted.
? If exceptions are encountered, a message must be shown to the customer.
You need to set up and deploy a plug-in that encapsulates the rules.
Which options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: PreValidation
PreValidation: For the initial operation, this stage will occur before the main system operation.
This provides an opportunity to include logic to cancel the operation before the database transaction.
Box 2: Synchronous
Ideally, you should only cancel operations using synchronous plug-ins registered in the PreValidation stage.
Box 3: Pre Image Box 4: throw ..
When you throw an InvalidPluginExecutionException exception within a synchronous plug-in an error dialog with your message will be displayed to the user.

NEW QUESTION 164

- (Topic 6)

Which permissions does a managed identity have on Microsoft Dataverse data?

- A. permissions assigned to the corresponding application user
- B. permissions assigned to the user triggering the Azure resource
- C. permissions equivalent to the environment admin role
- D. permissions equivalent to the system administrator role

Answer: A

NEW QUESTION 168

HOTSPOT - (Topic 6)

A company uses SharePoint for its intranet and other functions. The company has also implemented model-driven apps.
SharePoint users must be able to create contact records in the Common Data Service (CDS), without having to navigate to the model-driven apps.
You need to create a link in SharePoint to open the CDS contact from displaying data from SharePoint.
How should you complete the URL? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

http://contoso.crm.dynamics.com/ ▼ ? ▼ =contact&

default.aspx
edit.aspx
main.aspx

etc
etn

▼ =param_1%3DSharePoint&pagetype=▼

appid
id
extraqs
formid

apps
entityrecord
entitylist

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

https://contoso.crm.dynamics.com/main.aspx?etn=contact&extraqs=param_1%3D&pagetype=entityrecord

Box 1: main.aspx

Example, to open the Active Contacts view.

<https://myorg.crm.dynamics.com/main.aspx?etn=contact&pagetype=entitylist&viewid={00000000-0000-0000-00AA-000010001004}>

Box 2: etn

Etn: The logical name of the entity. Important: Do not use the etc (entity type code) parameter that contains an integer code for the entity. This integer code varies for custom entities in different organizations.

Box 3: Extraqs

Extraqs: Optional for forms. This parameter contains encoded parameters within this parameter.

When you open a new form by using the URL address, you can include arguments in the extraqs parameter to set field values

Note: You must encode the parameters passed in the extraqs parameter. To encode the parameters, use `encodeURIComponent`. To use special characters like "=" or "&" in the parameter values, you must double encode (e.g. to set name to A=B&C, it would be `extraqs=name%3DA%253DB%2526C`).

Box 4: entityrecord

NEW QUESTION 172

DRAG DROP - (Topic 6)

A company is creating a new system based on the Common Data Service (CDS). You need to select the CDS features that meet the company's requirements. Which features should you select? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may needs to drag the split bar between panes or scroll to view content.
 NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

NEW QUESTION 177

DRAG DROP - (Topic 6)

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

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Deploy the component in a testing environment.

Create a code component project.

Implement code component logic.

Create a solution project and add the code component project as a reference.

Build the code component in release mode.

Answer area

Create a code component project.

Implement code component logic.

Create a solution project and add the code component project as a reference.

Build the code component in release mode.

NEW QUESTION 179

- (Topic 6)
You develop and deploy a Power Apps solution.
The following changes must be made to the solution:

- Delete a column of data.
- Modify several views.
- Add several charts to dashboards.

You need to re-deploy the app. What should you do?

- A. Update the solution.
- B. Upgrade the solution.
- C. Create a new solution.
- D. Patch the solution.

Answer: A

NEW QUESTION 182

DRAG DROP - (Topic 6)
You are developing a Power Platform solution.
You must add a custom control slider to a specific step in a business process flow. You need to add the custom control.
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.

Action

Import customizations into the Microsoft Dataverse environment.

Modify columns in the default solution.

Create a Power Automate flow to activate the custom controls.

Generate and export the business process flow form.

Configure custom controls on a related entity form.

Copy custom control configurations to the FormXML for the business process flow.

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps you must follow to add custom controls to a business process flow: Step 1: Configure custom controls on a related entity.
Step 2: Generate and exporting the business process flow form.
Step 3: Copy custom control configurations to the FormXML for the business process flow. Step 4: Import customizations into the Microsoft Dataverse environment.
Note:
? Configure custom controls on a related table form.
? Generate and exporting the business process flow form.
? Copy custom control configurations to the business process flow form from the related table form.
? Import the customizations back into Microsoft Dataverse.

NEW QUESTION 187

HOTSPOT - (Topic 6)
A company is preparing to go live with their Dynamics 365Sales solution, but first they need to migrate data from a legacy system. The company is migrating accounts in batches of 1,000.
When the data is saved to Dynamics 365 Sales, the IDs for the new accounts must be output to a log file.
You have the following code:


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

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

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

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: No

Box 2: Yes

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

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

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

Box 3: No

Box 4: Yes

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

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

NEW QUESTION 192

- (Topic 6)

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

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

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

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

Answer: D

Explanation:

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

Note: ServiceNow Action: GetRecords Summary: List Records

Description: Gets records of a certain ServiceNow object type like 'Incidents' Syntax:ServiceNow.GetRecords (string tableType, [advanced][Optional]boolean sysparm_display_value, [advanced][Optional]boolean sysparm_exclude_reference_link, [advanced][Optional]string sysparm_query, [advanced][Optional]integer sysparm_limit, [advanced][Optional]integer sysparm_offset)

Reference:

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

NEW QUESTION 196

DRAG DROP - (Topic 6)

You create solutions in a development environment and export the solution for testing by various departments in your organization. Power users in each department control the testing environments.

You must display department-specific wording at the beginning of any custom notifications that are displayed in testing environments.

You need to package solutions to ensure that the power users can customize the notification content.

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

Actions

Create an empty environment variable named **Custom Text Placeholder**.

Create a configuration page in the classic solution by using a text field named **Custom Text Placeholder** that uses the HTML file format.

Set the default value of the text field Custom Text Placeholder to **Enter custom text**.

Create a function to retrieve the value from the custom text placeholder and display the notification.

Export the solution.

Create a solution component configuration named **Custom Text Placeholder** that uses the JSON file format.

Answer area

⏪

⏩

⏴

⏵

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create an empty environment variable named Custom Text Placeholder. Applications often require different configuration settings or input parameters when deployed to different environments. Environment variables store the parameter keys and values, which then serve as input to various other application objects. Separating the parameters from the consuming objects allows you to change the values within the same environment or when you migrate solutions to other environments.

Step 2: Create a function to retrieve the value from the custom text placeholder and display the notification.

Step 3: Export the solution

You can manually export solutions. Microsoft recommends that you create an unmanaged solution to use for exporting your customizations, and then export your customizations periodically so that you have a backup in case anything happens.

NEW QUESTION 197

HOTSPOT - (Topic 6)

An online store has a custom web page that allows customers to place their orders against a Microsoft Dataverse database that uses custom products. The custom web page uses Web API patterns to create and update records.

Customers report that orders can be placed for out-of-stock items.

You need to update the page code to ensure that inventory is available before confirming an order.

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

NOTE: Each correct selection is worth one point.

Step	Pattern
Check the inventory table before retrieving the inventory record.	<div><div></div><div>ChangeTrackingEnabled</div><div>DaysSinceRecordLastModified</div><div>IsOptimisticConcurrencyEnabled</div></div>
Update the quantity on the inventory record using PATCH.	<div><div></div><div>If-Match: *</div><div>If-Match: Etag</div><div>If-None-Match: *</div><div>If-None-Match: Etag</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: IsOptimisticConcurrencyEnabled

On a multi-threaded and multi-user system like Power Apps, operations and data changes often happen in parallel. A problem arises when two or more update or delete operations on the same piece of data happen at the same time. This situation could potentially result in data loss. The optimistic concurrency feature provides the ability for your applications to detect whether a table record has changed on the server in the time between when your application retrieved the record

and when it tries to update or delete that record.

Box 2: If-Match: Etag

Use If-Match and If-None-Match headers with ETag values to check whether the current version of a resource matches the one last retrieved, matches any previous version or matches no version. These comparisons form the basis of conditional operation support. Dataverse provides ETags to support conditional retrievals, optimistic concurrency, and limited upsert operations.

NEW QUESTION 198

- (Topic 6)

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 203

- (Topic 6)

You are a Power App maker.

You are developing an app in a development environment. You create the following custom forms in the Account entity:

- FormB contains a message that appears in the Onload function of the form.
- FormC contains a message that appears in the OnSave function of the form.

You add the forms to a solution and export the solution as managed. Importing the managed solution into the test environment produces an error indicating the solution is missing a component.

You need to identify the issue.

What is the cause of the import error?

- A. The solution must be exported as an unmanaged solution.
- B. A copy of the form must be made before adding to the solution.
- C. The web resources were not added to the solution before exporting.
- D. The web resources were not added to the form before adding the form to the solution.

Answer: C

NEW QUESTION 206

- (Topic 6)

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: A

Explanation:

Two security models can be used for hierarchies, the Manager hierarchy and the Position hierarchy. The Position hierarchy allows data access across business units. If you are a financial organization, you may prefer the Manager hierarchy model, to prevent managers' accessing data outside of their business units.

However, if you are a part of a customer service organization and want the managers to access service cases handled in different business units, the Position hierarchy may work better for you.

Note: The hierarchy security model is an extension to the existing security models that use business units, security roles, sharing, and teams. It can be used in conjunction with all other existing security models. The hierarchy security offers a more granular access to records for an organization and helps to bring the maintenance costs down.

Reference:

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

NEW QUESTION 210

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