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## **Microsoft**

**PL-400** 

Microsoft Power Platform Developer









### Question: 73

### **HOTSPOT**

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),
7. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
8. }
9. );

    Navigate(ConfirmationScreen, ScreenTransition.Fade)

11. ,
12. ClearCollect(
13. LocalRecord,
15. 'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
16. }
SaveData(LocalRecord, "LocalRecord");

    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.	0	0	
The collection contains all contacts not saved to CDS.	0	0	
The expression updates existing contacts in CDS.	0	0	
The expression handles loss of connection to CDS.	0	0	
Answer: Statements	Yes	No	
Statements	163	NO	
The expression saves the data to CDS when reconnecting after losing network connection.	0	0	
The collection contains all contacts not saved to CDS.	0	0	
The expression updates existing contacts in CDS.	0	0	
The expression handles loss of connection to CDS.	0	0	
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			
Question: 74			
You need to identify the execution mode that is being used for the IS	SV solution rep	oorted by User5.	

**Answer:** D

C. transferD. synchronous

A. asynchronous B. atomicity

Which type of execution mode is in use?

### 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

Question: 75

You need to ensure that users can create the required charts.

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 quick view form to show the Accounts entity.
- B. Configure filter fields in the Annual revenue field.
- C. Add the Facility field to the account form.
- D. Delete the Annual revenue field from the account form.
- E. Create a view with annual revenue sorted lowest value to highest value.

**Answer:** B,C

Explanation:

Pharmacy orders must be displayed in four graphs as follows:

Annual revenue over \$100,000

Annual revenues under \$100,000

Research facilities

Hospitals

The graphs must be interactive, and users must be able to drill down on any dimension.

Question: 76

DRAG DROP

You need to assign security roles to groups of users.

Which security roles should you use? To answer, drag the appropriate security types to the correct roles. 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.



### Answer: Security types

### Answer Area

Environment Maker	Role	Security type
System Administrator	Intern	Environment Maker
Common Data Service User	Manager	System Administrator
System Customizer	Sales representative	Common Data Service User

Explanation:

Graphical user interface, text, application

Description automatically generated

Scenario: The company identifies the following job roles:

Role	Tasks
Sales representative	These users will enter data into Dynamics 365 Customer Service.
Intern	These users will create Power Apps apps, and connectors, and create Power Automate flows.
Manager These users will add users, assign security roles, and manager data storage.	

You must grant users the minimum permissions required to perform their job tasks.

Intern: Environment Maker

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

data within an environment.

Manager: System Administrator:

System Administrator: Has full permission to customize or administer the environment, including creating, modifying, and assigning security roles. Can view all data in the environment.

Sales representative: Common Data Service User

Basic User/ Common Data Service User: Read (self), Create (self), Write (self), Delete (self)

Can run an app within the environment and perform common tasks for the records that they own.

Question: 77

You need to modify the Power Automate flow to resolve CustomerC's issue.

What should you do?

- A. Add a configure run that is set to is successful.
- B. Add a data operation that specifies the false conditions.
- C. Add a condition containing approval hierarchy.
- D. Add a timeout setting to the approval flow.

### **Answer: C**

### Explanation:

Scenario: CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Reference: https://docs.microsoft.com/en-us/power-automate/sequential-modern-approvals

Question: 78

### **HOTSPOT**

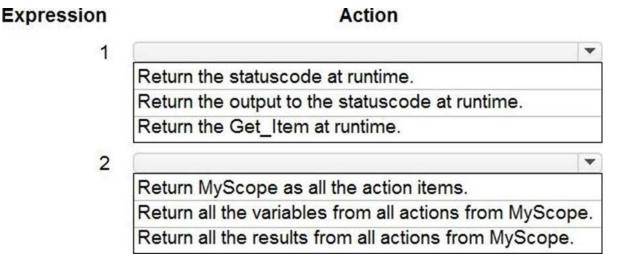
You are training a group of makers to use Power Automate.

You have the following expressions:

Name	Expression		
1	outputs ('Get Item').statusCode		
2	"from": "@result('MyScope')"		

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.



# Answer: Expression 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.

Explanation:

Text

Description automatically generated

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.

Question: 79

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

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

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

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

You need to design the integration solution.

Solution: Register a webhook in the Common Data Service that connects to the Azure Function. Register a step on the webhook which runs synchronously on the record's Create message and in the post-operation stage.

Does the solution meet the goal?

A. Yes

B. No

### **Answer:** B

Explanation:

Instead use asynchronous communication.

Question: 80

You need to reduce response time for the information email on the website.

What should you create?

- A. A flow that create a notification in Microsoft Teams
- B. A power Apps app that displays the number of emails received in a dashboard
- C. A flow that creates a SharePoint item for each email response
- D. Logic app that moves all emails received to Azure Blob storage.

### **Answer:** A

Explanation:

Scenario:

Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.

Microsoft Teams is used for all collaboration.

Question: 81

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution,

while others might not have a correct solution.

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

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

You need to reduce the time required to synchronize data.

Solution:

Enable change tracking for entities that will be synchronized.

Use the Data Export Service to sync data between the database and Dynamics 365 Sales.

Does the solution meet the goal?

A. Yes

B. No

### Answer: A

### Explanation:

Large organizations that synchronize their data with external data sources can now enable entities for change tracking. You can export or retrieve a selected set of data, and then keep the external data warehouse in sync.

The Data Export Service is an add-on service made available on Microsoft AppSource that adds the ability to replicate data from Common Data Service database to an Azure SQL Database store in a customer-owned Azure subscription.

The Data Export Service intelligently synchronizes the entire data initially and thereafter synchronizes on a continuous basis as changes occur (delta changes) in the system.

You can use the Data Export Service with model-driven apps in Dynamics 365, such as Dynamics 365 Sales and Dynamics 365 Customer Service.

Reference: https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-datasynchronization

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

Question: 82

### **HOTSPOT**

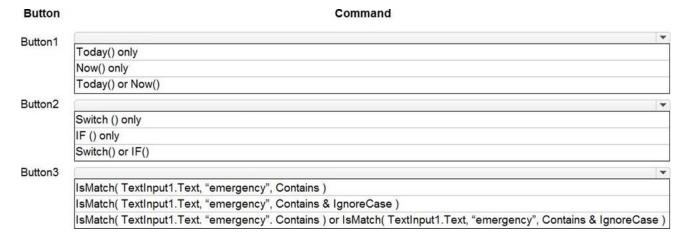
You are developing a Power Platform solution. You plan to add three buttons to a form.

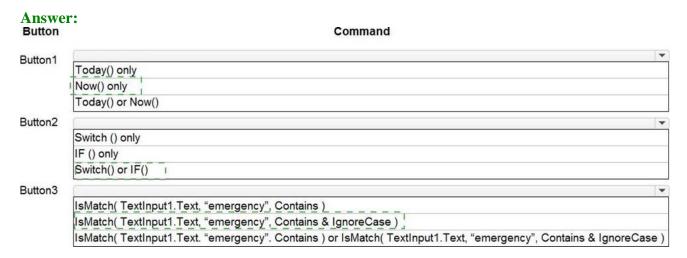
The buttons have the following requirements:

Button	Requirement
Button1	Add the current date and time to the form when the button is selected.
Button2	Apply conditional logic to change the form color based on the option selected in the Title field.
Button3	Ensure that the word Emergency is entered as "Emergency".

You need to complete each button's action.

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





### Explanation:

Box 1: Now() only.

The Now function returns the current date and time as a date/time value.

Box 2: Switch() or IF()

If and Switch functions in Power Apps determines whether any condition in a set is true (If) or the result of a formula matches any value in a set (Switch) and then returns a result or executes an action.

Box 3: isMatch( TextInput1.Text, "emergency", Contains & IgnoreCase )

Example: IsMatch( TextInput1.Text, "hello", Contains & IgnoreCase )

Tests whether the user's input contains the word "hello" (case insensitive).

Question: 83

### DRAG DROP

An international organization has a series of client-server applications that manage red light cameras and traffic violations across a wide geographic region. The daily volume of traffic violations is very high and growing.

You plan to use Microsoft Power Platform apps to manage the following types of data:

Existing vehicle licensing data must be imported into Common Data Service and easily queried.

Red light camera images must be stored in a repository for later analysis.

Information about traffic violations must be stored and related to vehicle details.

You need to select data storage mechanisms for the new apps.

Which data storage mechanisms should you use? To answer, drag the appropriate data storage mechanisms to the correct data types. Each storage mechanism 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.

Data storage mechani	isms Data type	Data storage mechanism
Entity	Vehicle licensing data	
Azure Storage Blob	Red light camera photos	
Azure Cosmos DB	Information about traffic violatio	ns

Answer: Data storage mechani	sms Data type D	oata storage mechanism
Entity	Vehicle licensing data	Azure Cosmos DB
Azure Storage Blob	Red light camera photos	Azure Storage Blob
Azure Cosmos DB	Information about traffic violations	s Entity

Question: 84

You need to configure the trigger for the priority field in the Account entity.

Which expression should you use?

- A. DIFFINWEEKS(now,1)
- B. SUBTRACTDAYS(10, Now())
- C. ADDWEEKS(1, CreatedOn)
- D. DIFFINDAYS(Createdon, now())
- E. ADDDAYS(10, CreatedOn)

### **Answer: C**

### Explanation:

A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an Account record is created.

### Note:

Date.AddWeeks returns the date, datetime, or datetimezone result from adding numberOfWeeks weeks to the datetime value dateTime.

CreatedOn gets the value to store in the history table indicating when this entry was created.

### Reference:

https://docs.microsoft.com/en-us/powerquery-m/date-addweeks

https://docs.microsoft.com/en-us/dotnet/api/system.data.entity.migrations.model.inserthistory operation.created on? view=entity-framework-4.3.1

https://docs.microsoft.com/en-us/dotnet/api/system.data.entity.migrations.model.inserthistoryoperation.createdon?view=entity-framework-4.3.1



# **SAMPLE QUESTIONS**

These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.

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