Question #1 — *Topic 1*

HOTSPOT -

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.

Hot Area:

Answer Area

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

Suggested Answer:

Answer Area

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

Box 1: Webhook -

With Common Data Service, you can send data about events that occur on the server to a web application using webhooks. Webhooks is a lightweight HTTP pattern for connecting Web APIs and services with a publish/subscribe model.

Box 2: Azure Event Hub -

Azure Event Hubs is a big data pipeline. It facilitates the capture, retention, and replay of telemetry and event stream data. The data can come from many concurrent sources.
It has the following characteristics:
✑ low latency
✑ capable of receiving and processing millions of events per second
✑ at least once delivery

Box 3: Plugin -
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

DaneP Highly Voted 4 years, 5 months ago
So we know the first one is not Azure service bus because they ask for synchronous.Service Bus is only asynchronous.

1.Webhook
is the most obvious.
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks#create-or-configure-a-service-to-consume-webhook-requests

Next I would say
2.Azure Service bus

Azure Service Bus works for high scale processing, and provides a full queueing mechanism if Common Data Service is pushing many events.

Webhooks can only scale to the point at which your hosted web service can handle the messages.

Last one is Azure Event Hub
They want a hybrid.
Streaming and event-based solutions are supported, for both on-premises and Azure cloud processing.

https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/plug-ins
upvoted 15 times

sgupta1985 Highly Voted 4 years, 2 months ago
What is the correct answer guys, there is a lot of speculation in this discussion!
upvoted 5 times

metyh Most Recent 3 years, 8 months ago
1.webhook, 2.servicebus and 3.plug-in
upvoted 2 times

annaye2010 3 years, 9 months ago
1. Webhook, this definitely seems to be the answer as the company is looking to build the app to have keyword synchronous calls which the Azure Service Bus is incapable of handling.

2. Azure Event Hub, since the specifications said "high peak load", I would assume it would mean that there would be a lot of entries and data being ingested, and one of the key features of the event hubs are that they would be able to ingest millions of events relatively quickly.

3. Plugins, I know the Azure Event Hub seems tempting, but given some overview it does not look to directly address giving notifications of changes within the app. Looking at plug-ins however, Plug-Ins have many oppurtunities through power automate as well as Service Busses and Webhooks to fully take advantage of notifying of "address" changes. IMO, it might even be more straightforward to use plug-ins.
upvoted 4 times

ZVV 3 years, 9 months ago
https://mail.yandex.ru/touch/folder/1/message/175358910490753089
I see synchronous option for service bus there

upvoted 1 times

ZVV 3 years, 9 months ago

https://docs.microsoft.com/en-us/learn/modules/integrate-common-data-service-azure-solutions/2-azure-service-bus

Sorry

upvoted 1 times

jkaur 4 years ago

Webhook

Azure service bus

plugin

upvoted 2 times

kk567 4 years ago

Can some post correct answers ?

upvoted 1 times

lakshmi 4 years, 1 month ago

2. Service Bus : the target systems have high peak loads. With the messages posted in a queue of the service bus, they will be able to pick up messages intended for them whenever they have free capacity.

3. Event hub - where a message can be passed on to several recipient

upvoted 1 times

CrmMonkey 4 years, 5 months ago

3 Needs to Be Azure Event Hubs. Plugins have a 2-minute execution window, and will not be the right solution for N system calls outside of the platform

upvoted 4 times

Gdynam 4 years, 5 months ago

The second one i feel azure service bus is the better answer because it goes about "calls" so not events.

The third one i feel azure event hub is a better solution then a plugin.

Azure Event hub also works on prem source: https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about. "streaming and event-based solutions are supported, for both on-premises and Azure cloud processing."

Don't have alot experience with azure event hub, but i would think you still use a plugin to create the azure event hub message when the value is changed but you use the Azure Event Hub to distribute it to all the parties i feel thats whats the question is where do you distribute it, would be alot of a hassle to do this all in the plugin itself.

upvoted 2 times

fransc28 4 years, 5 months ago

Azure Service Bus is the correct answer

https://www.serverless360.com/blog/azure-event-hubs-vs-service-bus#:~:text=Azure%20Event%20Hubs%20focuses%20more,should%20use%20Azure%20Service%20Bus.

upvoted 2 times

sanharshu7 4 years, 5 months ago

the second answer is "Azure event hub"

upvoted 1 times

sanharshu7 4 years, 5 months ago

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-webhooks

Webhooks enables synchronous and asynchronous steps. Azure Service Bus only allows for asynchronous steps.

so this must be webhook, I will go with webhook.

upvoted 2 times

JesseB 4 years, 6 months ago

I would agree, the second section should be Azure Service Bus

upvoted 2 times

hgd6w4tGF 4 years, 2 months ago

no. Its said "to and from", Azure Service Bus is one-way street ,not both-way.

upvoted 3 times

TaiH 4 years, 6 months ago

On https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks, it was mentioned that:
"Azure Service Bus works for high scale processing, and provides a full queueing mechanism if Common Data Service is pushing many events."
Should not the second one is "Azure Service Bus" instead?

upvoted 3 times

RobinS 4 years, 6 months ago

The link provided is not longer valid. Plug-ins are referenced here: https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/plug-ins

upvoted 2 times

Question #2 *Topic 1*

DRAG DROP -

You need to select the appropriate methods using the Azure Event Grid.

Which method should you use for each requirement? To answer, drag the appropriate methods to the correct requirements. Each method 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.

Select and Place:

Methods

- Event handler
- Event sources
- Event subscription
- Events

Answer Area

Requirement	Method
Notify the infrastructure team when a new virtual machine is created.	
Route orders over $5,000 to the credit department.	

Suggested Answer:

Methods

- Event handler
- Event sources
- Event subscription
- Events

Answer Area

Requirement	Method
Notify the infrastructure team when a new virtual machine is created.	Event handler
Route orders over $5,000 to the credit department.	Event subscription

Box 1: Event handler -

Event handlers - The app or service reacting to the event.

Box 2: Event subscriptions -

Event subscriptions - The endpoint or built-in mechanism to route events, sometimes to more than one handler. Subscriptions are also used by handlers to intelligently filter incoming events.

Note:

There are five concepts in Azure Event Grid that let you get going:

Events - What happened.

Event sources - Where the event took place.

Topics - The endpoint where publishers send events.

Event subscriptions - The endpoint or built-in mechanism to route events, sometimes to more than one handler. Subscriptions are also used by handlers to intelligently filter incoming events.

Event handlers - The app or service reacting to the event.

Reference:

https://docs.microsoft.com/en-us/azure/event-grid/overview

Create a Technical Design

sanharshu7 Highly Voted 4 years, 5 months ago

Events - What happened.

Event sources - Where the event took place.

Topics - The endpoint where publishers send events.

Event subscriptions - The endpoint or built-in mechanism to route events, sometimes to more than one handler. Subscriptions are also used by handlers to intelligently filter incoming events.
Event handlers - The app or service reacting to the event.

https://docs.microsoft.com/en-us/azure/event-grid/overview

Given answer is correct.
upvoted 19 times

wwaki Most Recent 4 years ago
in 1, shouldnt be "Event"?
rergarding to:
Event handlers - The app or service reacting to the event.
Notify is a "Event handler"?
upvoted 2 times

jkaur 4 years ago
Correct
upvoted 1 times

Question #1 | *Topic 2*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A Common Data Service (CDS) environment has two custom entities named Building code and Work item. Building code has a code date custom field and Work item has an elapsed time custom field. Construction workers use a consolidated custom form with data from both entities to fill.in their daily work items.
A JavaScript library is used with these custom entities and fields to apply complex logic.
You need to ensure that the JavaScript library continues to function as originally designed if other developers expand the environment.
Solution: In form properties of the consolidated form, add the JavaScript library in the events tab and add the two custom fields to the dependent fields section of the non-event dependencies tab.
Does the solution meet the goal?

A. Yes

B. No

Suggested Answer: *B*
Instead, in the JavaScript library, add Building code with Code date and Work item with Elapsed time in the dependencies tab.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies

sanharshu7 Highly Voted 4 years, 5 months ago
Sorry correct answer is B.

Reason: on Form Properties, on Tab "Non-Event Dependncies" you can add field that particular entity only.
upvoted 20 times

jkaur Most Recent 4 years ago
The answer is No
upvoted 1 times

sanharshu7 4 years, 5 months ago
Correct anser is A.

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/form-properties-legacy

Non-Event Dependencies
Dependent Fields
Each event handler has a similar Dependent Fields property so that any fields that are
needed by the script can be registered. Anyone who tries to remove the dependent fields
will not be able to.
upvoted 2 times

samah1987 4 years, 6 months ago
plz someone can confirm the answer ?
Thks
upvoted 1 times

SvtPA 4 years, 6 months ago
I'am not sure. I believe A is the right answer. Adding the two fields in the non-event dependencies section will ensure the fields into the form. This should avoid that someone will delete the fields without being aware that a web resource is using them. Can anyone please confirm?
upvoted 2 times

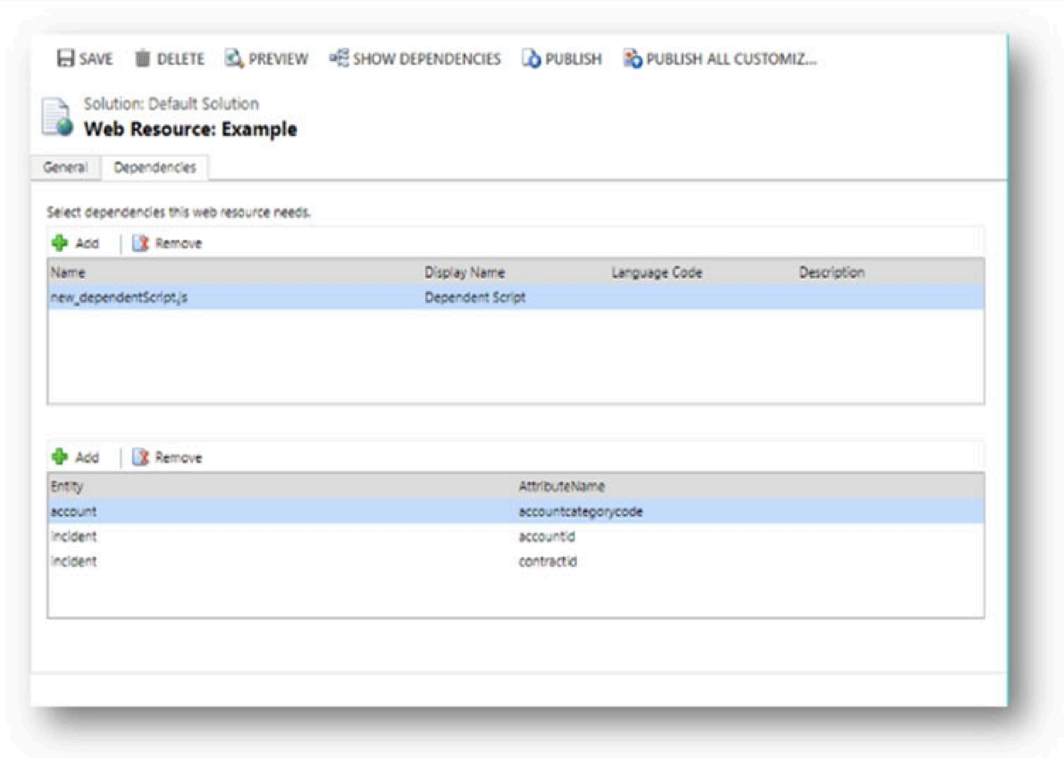
Question #2 *Topic 2*

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

Suggested Answer: *A*
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

sanharshu7 Highly Voted 4 years, 5 months ago
Correct

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies
upvoted 9 times

Mnarmeen Most Recent 3 years, 7 months ago
Correct

upvoted 2 times

jkaur 4 years ago

Correct

upvoted 1 times

Question #3 *Topic 2*

You have the following code:

```
Xrm.WebApi.createRecord("account", data).then(
      function success(result) {
            console.log("Success");
      },
      function (error) {
            console.log(error.message);
      }
);
```

You have a contact record that uses the GUID 2CFB1599-DEAD-425F-AB4A-76E6CAB51B09.

You need to assign the contact record as the primary contact for an account when you create the account.

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A.

```
var data =
      {
            "name": "Contoso account",
            "primarycontactid@odata.context": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
      };
```

B.

```
var data =
      {
            "name": "Contoso account",
            "primarycontactid":
            {
                  "logicalname": "contact",
             "id": "2CFB1599-DEAD-425F-AB4A-76E6CAB51B09"
            };
      }
```

C.

```
var data =
      {
            "name": "Contoso account",
            "primarycontactid@odata.bind": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
      };
```

D.

```
var data =
      {
            "name": "Contoso account",
            "primarycontactid": "/contacts(2CFB1599-DEAD-425F-AB4A-76E6CAB51B09)"
      };
```

Suggested Answer: *BC*

B: LogicalName is required when entity id is not specified.

sanharshu7 Highly Voted 4 years, 5 months ago

correct answer BC.

https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/updaterecord

upvoted 12 times

mgharably Highly Voted 4 years, 6 months ago

the correct answer is C

upvoted 5 times

TigerJ 4 years, 6 months ago

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/create-entity-web-api#associate-entity-records-on-create

upvoted 3 times

jkaur Most Recent 4 years ago

BC are right answers

upvoted 1 times

HarshadG 4 years, 1 month ago

Correct Answer is both B and C options

References:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/createrecord

upvoted 1 times

Question #4 | *Topic 2*

An organization has a Dynamics 365 Customer Engagement.
You plan to use a JavaScript web resources file in the Accounts form. The file has a dependency on two image web resource files and on the custom field new_placeofbirth in the Account entity.
You need to add the dependencies for the JavaScript file.
Which three action should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. From Web Resources, select the JavaScript file for the Account form and then select the JavaScript file.

B. Open the web resources file, add the two image web resources to the dependency's lists, and then add the custom field new_placeofbirth to the dependency's list.

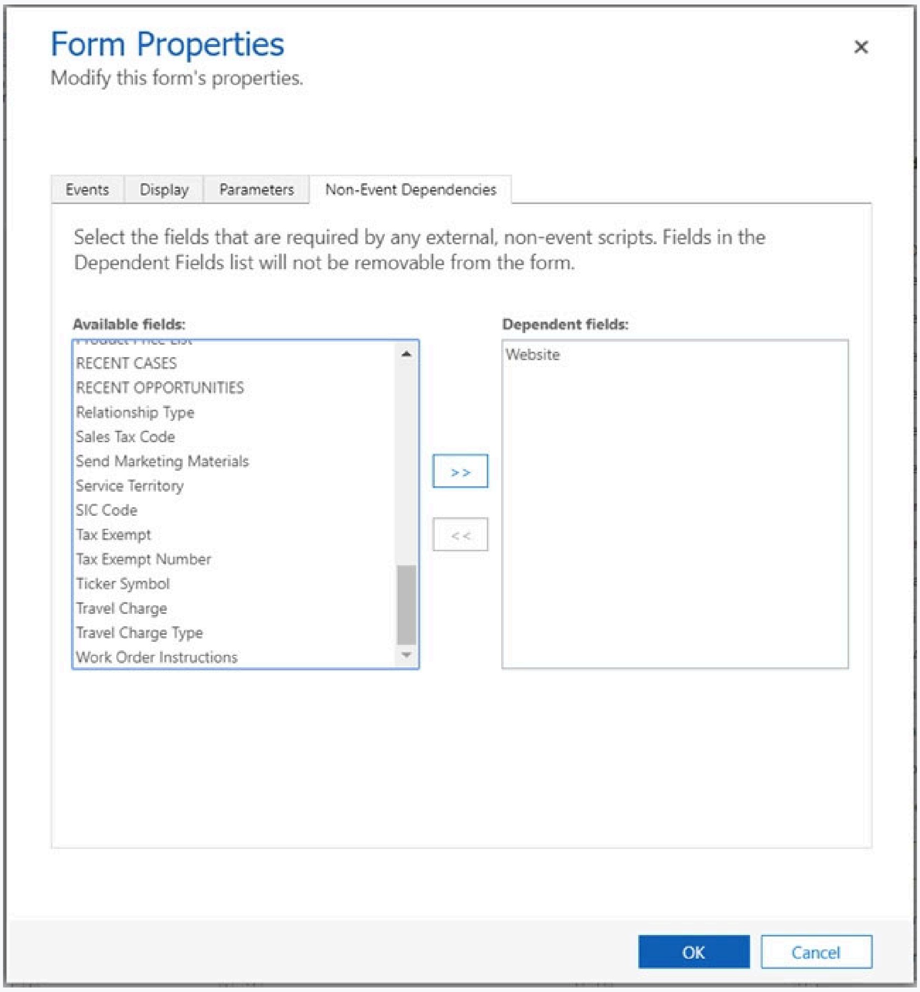
C. In the Account form, select Form Properties, select Non-Event Dependencies, and then add the custom field new_placeofbirth.

D. In the Account form, select Form Properties and add the primary JavaScript file and the other two image web resources in Form Libraries.

E. From Settings, select Customization and then select Customize the System.

F. Select Account, select Forms, and then select the Account form.

Suggested Answer: *BCE*
All the Web Resources stored in the database can be accessed in the CRM. Following are the steps involved âˆ'
Step 1 (E) "" Go to Settings â†' then Customizations â†' and then Customize the System.
Step 2 (B)"" From the left navigation, select CRM Web Resources.
C: In our Dynamics 365 forms, there are measures we can take to ensure fields that are being used by JavaScript are not removed from forms. To prevent this from happening, we can go to Form Properties and select the Non-Event Dependencies, and add the website field:



Reference:
https://msdynamics.net/microsoft-dynamics-news/crm-web-resources-using-jscript/ https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies

sanharshu7 Highly Voted 4 years, 5 months ago

E F C

I checked, I didn't see the system view to add an image as dependency on the JS file dependency tab. It has views only for (CSS,HTML, RESX,XML, js)

upvoted 15 times

Oda 4 years, 1 month ago

This is correct, imaged cannot be added as a dependency in the file, and E > F > C is the correct steps to achieve the requirement. the 'account form' in F is talking about the "Account" form in the account entity.

upvoted 2 times

ClairFraser Highly Voted 4 years, 6 months ago

A, B, E

dependencies are added from the Js resource page

upvoted 8 times

KenCraw 3 years, 7 months ago

Everything else is distracting, I believe Clair has the correct answer, as per: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies

upvoted 1 times

KenCraw 3 years, 7 months ago

I'm torn between A,B,E + E,F,C. I checked the same thing the sanharshu7 did, and same the same system views.

upvoted 2 times

isaw Most Recent 3 years ago

Correct answer is EFC. as per sanharasu

upvoted 1 times

jkaur 4 years ago

Answer is EFC

upvoted 1 times

ExamFever 4 years, 1 month ago

Karlomanio, please read the question "you need to add dependencies FOR the JavaScript".

Hence the given answer is correct.

upvoted 1 times

Karlomanio 4 years, 1 month ago

I'm going to be different from everyone else and say C, D,

F because that is how I did it on the Microsoft training they had online.

Why in this situation would even open the resources file (B)? That editing is done and has nothing to do with associating the file something else.

upvoted 1 times

mgharably 4 years, 6 months ago

we cannot add images to the dependency's lists neither in the Js dependency or the form dependency

upvoted 2 times

RoelG 4 years, 6 months ago

She it should be E, F, C

upvoted 21 times

ClairFraser 4 years, 6 months ago

"...web resource dependencies are not limited to just RESX web resources. You can associate a JavaScript web resource to any other type of web resource to create dependencies that will cause the associated web resource to be loaded together with the JavaScript web resource"

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

upvoted 1 times

Question #5 | *Topic 2*

DRAG DROP -

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.

Select and Place:

Options

- connection
- one-to-many relationship
- many-to-many relationship
- self-referential relationship

Answer Area

Requirement	Option
Visualize records as a hierarchy in a model-driven app.	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

Suggested Answer:

Options

- connection
- one-to-many relationship
- many-to-many relationship
- self-referential relationship

Answer Area

Requirement	Option
Visualize records as a hierarchy in a model-driven app.	self-referential relationship
Associate a record with other records in multiple entities.	connection
Records in one entity must be able to reference only a single record in another entity.	one-to-many relationship
Any record in one entity must be able to be referenced by any record in another entity.	many-to-many relationship

Box 1: self-referential relationship

Box 2: connection -

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

Box 3: one-to-many relationship -

Box 4: many-to-many relationship

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships

mgharably Highly Voted 4 years, 5 months ago

The answer is correct

upvoted 14 times

bitsq Highly Voted 4 years, 3 months ago

In my opinion answers are correct.
Only self-referential relationship can be hierarchical (https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/visualize-hierarchical-data)
Second one also makes sense "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." (https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/basics/create-connections-view-relationships-between-records)
upvoted 6 times

Oleksandr_Shchur Most Recent 3 years, 11 months ago
Also agree that this answers is correct.
upvoted 2 times

jkaur 4 years ago
The given answer is correct
upvoted 3 times

ExamFever 4 years, 1 month ago
Also, read the question, each option can be used once, more than once or NOT AT ALL. Hence, self-referential falls under "NOT AT ALL"
upvoted 1 times

ExamFever 4 years, 1 month ago
There is nothing called as Self referential relationship while customizing the system. You must select One to Many and select the same entities.
The answers need to be in the language that Microsoft CRM understands.
Besides, in these exams Microsoft mainly tests our English skills rather than our understanding of the subject.
upvoted 1 times

tinner 4 years, 4 months ago
Why would "Self-Referential" be the answer to the first box?
upvoted 1 times

imarobot1 4 years, 3 months ago
Because the question is talking about viewing a heirarchy for records of the same entity.
upvoted 2 times

sanharshu7 4 years, 5 months ago
I thinks its

one-many (i check for account and parent account relationship)
one-many
one-many
many-many
upvoted 2 times

poornesh 4 years, 4 months ago
2nd one is Connection. One-Many doesn't support for multiple entities.
upvoted 3 times

ufto 4 years, 4 months ago
First one is one to many - "Only one (1:N) self-referential relationship per entity can be set as hierarchical. In a self-referential relationship the primary entity and the related entity must be of the same type." https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/visualize-hierarchical-data
upvoted 1 times

Question #6 *Topic 2*

An organization uses Dynamics 365 Customer Engagement. The organization has accounting and customer service departments.
You must restrict users in customer service from being able to change the value of the balance field on the Contact records. The accounting team must be the only team able to edit this field.
You need to create the appropriate solution without any customizations.
What should you do?

A. Create an accounting form and role and make the balance field read-only.

B. Enable field security for the balance field and allow the customer service team to read and update it.

C. Create a customer service form and role and make the balance field read-only.

D. Enable field security for the balance field and allow the accounting team to read and update it.

Suggested Answer: *D*
Field-level security is available for the default fields on most out-of-box entities, custom fields, and custom fields on custom entities. Field-level security is managed by the security profiles. To implement field-level security, a system administrator performs the following tasks.
1. Enable field security on one or more fields for a given entity.
2. Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.
Note: Record-level permissions are granted at the entity level, but you may have certain fields associated with an entity that contain data that is more sensitive than the other fields. For these situations, you use field-level security to control access to specific fields.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/field-level-security

Prakash4691 Highly Voted 4 years, 5 months ago
It's option D, because customer service should not be able to update, so in FSP give read and update access only to accounts team.
upvoted 18 times

s4m 4 years, 4 months ago
this is correct, also based on the question it says that a solution without any customizations.
upvoted 3 times

Oleksandr_Shchur Most Recent 3 years, 11 months ago
Correct answer is C
upvoted 1 times

jkaur 4 years ago
D is the answer
upvoted 2 times

eric_lin 4 years, 1 month ago
C is incorrect. Because even if the field is read-only in the form, the user will still be able to update the field with SDK.
upvoted 2 times

lakshmi 4 years, 1 month ago
B is definitely wrong.

I think D is the only correct answer, as A & C involve customizing (creating form etc., making controls read only) - and the question asks for a solution without customizing.
upvoted 3 times

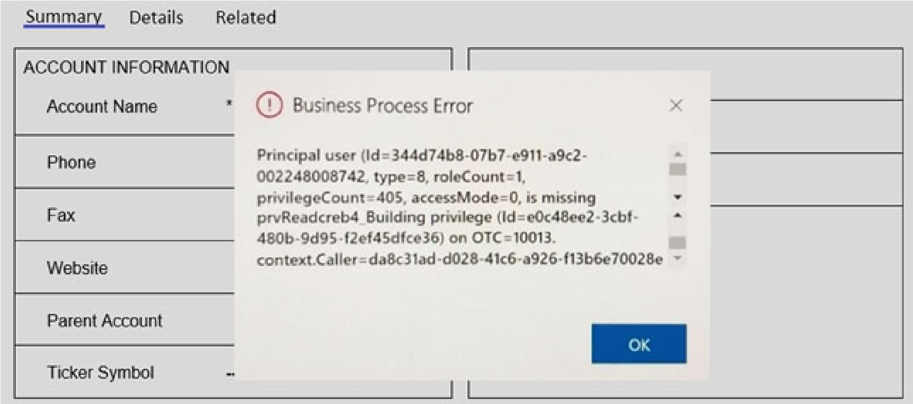
pootietang 4 years, 5 months ago
C bc it prevents the CS team from editing not from reading. D restricts read and write, preventing read is not the requirement
upvoted 2 times

sanharshu7 4 years, 5 months ago
I think its C as we have to restrict changes to the field
upvoted 1 times

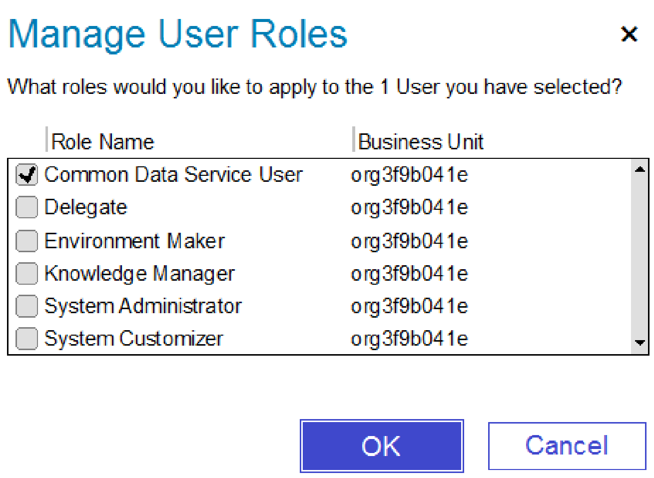
HOTSPOT -

You have a model-driven app that uses the Common Data Service (CDS). You create three custom entities that are in many-to-one parental relationships with the
Account entity.

You run a real-time workflow that assigns an account you own to another user. You receive the error message as shown in the Error Message exhibit. (Click the
Error Message tab.)



You check the security roles for the user as shown in the Manage User Roles exhibit. (Click the Manage User Roles tab.).



You also check the privileges for that role as shown in the Common Data Service User Security Role exhibit. (Click the Security Role tab.)

You need to prevent the error from recurring.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Changing the **Append To** privilege on the Account entity to **Organization** prevents the error from recurring.	○	○
Adding the Environment Maker role to the user prevents the error from recurring.	○	○
Adding the System Customizer role to the user prevents the error from recurring.	○	○
Setting all the privileges for the Building entity to **User** prevents the error from recurring.	○	○

Suggested Answer:

Answer Area

Statements	Yes	No
Changing the **Append To** privilege on the Account entity to **Organization** prevents the error from recurring.	○	**◉**
Adding the Environment Maker role to the user prevents the error from recurring.	○	**◉**
Adding the System Customizer role to the user prevents the error from recurring.	**◉**	○
Setting all the privileges for the Building entity to **User** prevents the error from recurring.	**◉**	○

Box 1: No -

There is a read error.

Box 2: No -

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

Automate.

Box 3: Yes -

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

Box 4: Yes

ClairFraser Highly Voted 4 years, 6 months ago

System Customizer does not have permissions for business data.

so No, No, No and Yes

upvoted 23 times

ClairFraser 4 years, 6 months ago

They have read permissions for entities they create, and in this case the assignee did not create the entity

upvoted 3 times

Kainite 4 years, 5 months ago

System Customizer - Can only view records for system entities that they create

upvoted 2 times

samman 4 years, 4 months ago

correct, they by default have access to all custom entoties but they cannot see other users records.
No,No,No,Yes
upvoted 1 times

The12Anonym 4 years, 4 months ago
yes, but when I am system customizer, and have read acces on user level, another one can assign me a record from a custom entity and then i
https://community.dynamics.com/crm/b/crmbacklog/posts/system-administrator-vs-system-customizer#:~:text=The%20System%20Customizer%20role%20is,to%20customize%20Microsoft%20Dynamics%20CRM.&text=System%20Adminis
upvoted 3 times

KenCraw 3 years, 7 months ago
This link is helpful/key in understanding the System Customizer portion (Thanks)
upvoted 1 times

RandomUser 4 years ago
"you create..." and "you receive"... So?
upvoted 1 times

seeusoubesse 4 years ago
Answer: No, No, Yes, Yes
Regarding #3 -> System Customizer: Can only view records for system entities that they create (that they own). In this case, it is a record from a syste
Customizer would give him the permission.
Take a look: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/privileges-required-customization
upvoted 3 times

TaiH Highly Voted 4 years, 6 months ago
Should be no, no, yes, yes.
I agree with the solution.
upvoted 13 times

Suryasish Most Recent 4 years ago
since system customizer as ful access on custom entities, and Building entity is custom, so No, No, Yes, Yes.Some one pls confirm, this thread is divided into both the answers by vote count.
upvoted 4 times

jkaur 4 years ago
NO,No,Yes,yes
upvoted 3 times

ExamFever 4 years ago
The answers are correct. I verified in a new Dynamics instance.
System Customizer has org level permissions on custom entities' data. - Correct Answer
Environment Maker has no access to any entity data. - Wrong Answer
Append and Append To for Account has nothing to do with the current scenario. - Wrong Answer
Granting Read permissions on building entity is actually appropriate. - Correct Answer
upvoted 7 times

rakvija 4 years, 5 months ago
System customizer has full access on all custom entities by default. So answer should be No, No, Yes, Yes
upvoted 11 times

rankit 4 years, 3 months ago
i think it sholud be no,no,no,yes by following ref- https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/privileges-required-customization
upvoted 1 times

RandomUser 4 years ago
But the person getting the error *is* the person that created the entity as per the question :)
upvoted 1 times

TAdrian 4 years, 3 months ago
It's No, No, Yes, Yes mate... Building is a custom entity hence the System Customizer has full rights on that entity. The error message is about missing Read privilege on the Building entity.
upvoted 4 times

Chrissi 4 years, 2 months ago

I agree. In your ref, the following is stated "By default, system customizers have full access to custom entities." So, I would say "Yes" for System Customizer.
upvoted 2 times

sanharshu7 4 years, 5 months ago
No, No, No and Yes
upvoted 2 times

Question #8 *Topic 2*

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

A. Export all managed solutions from the development instance and import the solutions into the production instance.

B. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.

C. In the production instance, import solutions with the same version number or higher when updating solutions.

D. In the development instance, highlight the solution you want to make changes to, select Clone a Path, make changes, export the solution, and import the solution into the production instance.

Suggested Answer: *CD*
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/wp-solution-packages

Community vote distribution
BD (100%)

dj74 Highly Voted 4 years, 6 months ago
answer should be B and D.
upvoted 31 times

chansbans Most Recent 2 years, 11 months ago
Selected Answer: BD
obvious
upvoted 1 times

Shariq 3 years, 7 months ago
https://docs.microsoft.com/en-us/powerapps/maker/data-platform/export-solutions

B and D are correct. You have to work on in an unmanaged solution but when exporting you need to select export as managed solution
upvoted 1 times

cfurly 4 years ago
Correct me if I'm off here, but C can't be the answer because you can not import solutions with the same version number, only higher.
upvoted 1 times

> **VinceVodb** 4 years ago
> You can. But it gives you a warning that there is already a solution with the same version.
> In D its definitely a typo. "Clone a patch"
> I would say C & D.
> upvoted 1 times

jkaur 4 years ago
B and D
upvoted 2 times

DaneP 4 years, 5 months ago
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/export-solution

C & D are the only options that make sense. A & B mention exporting a managed solution and the link above tells us we can export managed solutions.
upvoted 2 times

> **RominaT** 4 years, 3 months ago
> That link is to On-premises. Here it says they use CDS.

upvoted 1 times

rankit 4 years, 3 months ago

B and D are correct answer because question say each solution present complete answer

upvoted 3 times

paulcab 4 years, 5 months ago

Error in d … "clone a path" should read as "clone a patch"

upvoted 2 times

sanharshu7 4 years, 5 months ago

a managed solution cannot be exported so it's not A.

B should be one of the option as we can make changes to solution on DEV then export solution as manged solution then import to Prod.

C is also correct as we can import solution wiht same or higher version number

select Clone a Path option is not availabl..

so answer should be B & C

upvoted 4 times

crmuser 4 years, 5 months ago

it cannot be B as it wont make sense to make changes to solution which already exported to PROD.

upvoted 3 times

The12Anonym 4 years, 4 months ago

I think it would make sense. I can have Solution A version 1.0 on Dev and Prod. Thenn make changes to Solution A on Dev and it becomes Solution A version 1.1, then export and deploy it to Prod

upvoted 1 times

s4m 4 years, 4 months ago

it make sense crmuser. Correct answers are B and C.

upvoted 2 times

s4m 4 years, 4 months ago

B and C are the correct answers. D is correct if "cloning the solution to patch" not Path.

upvoted 1 times

KAL18 4 years, 3 months ago

Question says "Each correct answer presents a complete solution." And C doesn't seem a complete solution.

upvoted 4 times

rankit 4 years, 3 months ago

yes you are right bro so final answer should be B and D

upvoted 2 times

mahu 4 years, 2 months ago

assume so too. Might be a typo in D

upvoted 1 times

TaiH 4 years, 6 months ago

Agreed. Should be B and D.

upvoted 2 times

AliDiab 4 years, 6 months ago

correct

upvoted 3 times

Question #9 *Topic 2*

A financial institution that has a Dynamics 365 Customer Engagement environment requires that the account balance field from the account entity be visible to specific users only.
You need to set up the field security for the account balance field.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a field security profile.

B. Set the field to Read-Only and then publish the entity.

C. Create a security role and add the specific users to the role.

D. Enable field security and then publish the entity.

E. Set the field permission Allow Read to Yes and add the users to the members section.

Suggested Answer: *ADE*
To implement field-level security, a system administrator performs the following tasks.
1. Enable field security on one or more fields for a given entity.
2. Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.
A security profile determines the following:
✑ Permissions to the secure fields
✑ Users and Teams
A security profile can be configured to grant user or team members the following permissions at the field level:
✑ Read. Read-only access to the field's data.
✑ Create. Users or teams in this profile can add data to this field when creating a record.
✑ Update. Users or teams in this profile can update the field's data after it has been created.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/field-level-security

sanharshu7 Highly Voted 4 years, 5 months ago
The correct answer in sequence
D A E

B : we need to set field visibility so this does not solve the issue
C : Security role will not solve the issue as field visibility can't set using security role
upvoted 15 times

HarshadG 4 years, 1 month ago
i think correct sequence is
A E D
upvoted 1 times

HarshadG 4 years, 1 month ago
My bad, correct sequence is
D A E
upvoted 1 times

jkaur Most Recent 4 years ago
D A E is answer
upvoted 1 times

ng_ng 4 years, 4 months ago
C D A E would be correct
upvoted 1 times

bitsq 4 years, 3 months ago
But only three answers are correct.
upvoted 2 times

mahu 4 years, 2 months ago

C is not relevant for the scenario

so DAE is correct

upvoted 2 times

NorbertDsouza78 4 years, 1 month ago

You can add only users and teams in field security profile. You can't add roles hence C is not correct. Correct order is DAE.

upvoted 1 times

NorbertDsouza78 4 years, 1 month ago

Sorry wanted to reply to ng_ng and not mahu

upvoted 1 times

Question #10 Topic 2

HOTSPOT -

A company delivers packages to businesses and consumers. A custom entity named Package captures the package details.

You need to add the following sets of fields to the entity and leverage the built-in operations of the platform:

✑ A set of fields to represent the package length, width, depth, and weight. The maximum value for any dimension is 100 centimeters.

✑ A set of fields for time-sensitive attributes to calculate the efficiency of a delivery based on the existing custom fields: Pickup time and Delivery time. Results of the calculations must be stored as whole numbers.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Construct
Calculate the efficiency of the delivery.	DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)
Select the data type that has additional transformations applied before the data is displayed.	Autonumber Phone number Customer Currency Duration

Suggested Answer:

Answer Area

Requirement	Construct
Calculate the efficiency of the delivery.	DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)
Select the data type that has additional transformations applied before the data is displayed.	Autonumber Phone number Customer Currency Duration

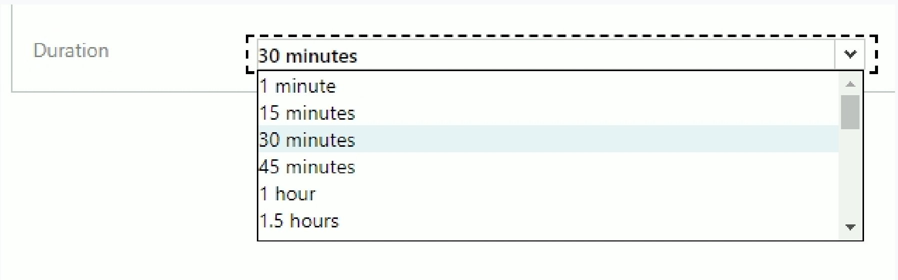
Box 1: DIFFINMINUTES(Created On, Delivery Time)

DIFFINMINUTES (date and time, date and time) returns the difference in minutes between two Date and Time fields as a whole Number

Box 2: Duration -

Duration fields can be used to show a whole number as x number of minutes, x number of hours or x number of days instead of just showing the whole number of minutes to the user. Out of the box, CRM activities such as Phone Calls use the Duration field to track the length of time a phone call lasted. For new Phone Call activity records, the Duration field is set to 30 minutes, but the user can update that prior to completing the phone call activity record.

Prior to the user updating the field, they can click on the Optionset arrow and choose a formatted duration.



Reference:

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/define-calculated-fields

https://www.arbelatech.com/insights/blog/how-to-use-duration-fields-in-dynamics-365-for-sales.html

RobinS Highly Voted 4 years, 6 months ago

Since time will have hours and minutes, the most accurate measurement of the time the delivery took would be to work with minutes.

upvoted 20 times

sanharshu7 Highly Voted 4 years, 5 months ago

correct

upvoted 7 times

zhaparoff Most Recent 4 years ago

There is no correct answer, because in the description we have 'Pickup Time' and 'Delivery Time' fields, both custom. And not the 'Created On'. But the difference should be calculated in minutes anyway, to be applicable to the duration format.

upvoted 2 times

proceSorl 4 years ago

Correct answer

upvoted 1 times

jkaur 4 years ago

The given answer is correct

upvoted 1 times

hdjd333 4 years, 6 months ago

DIFFINHOURS(Created On, Delivery Time) also return whole number. Shouldn't it be measured in hours rather than in minutes?

upvoted 1 times

Question #11 *Topic 2*

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:

```
If (
Connection.Connected,
Path(
Contacts,
Defaults(Contacts),
{
'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
}
);
Navigate(ConfirmationScreen,ScreenTransition.Fade)
,
ClearCollect(
LocalRecord,
{
'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
}
);
SaveData(LocalRecord, "LocalRecord");
Navigate(PendingScreen,ScreenTransition.Fade)
)
```

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The expression saves the data to CDS when reconnecting after losing network connection.	○	○
The collection contains all contacts not saved to CDS.	○	○
The expression updates existing contacts in CDS.	○	○
The expression handles loss of connection to CDS.	○	○

Suggested Answer:

Answer Area

Statements	Yes	No
The expression saves the data to CDS when reconnecting after losing network connection.	○	○
The collection contains all contacts not saved to CDS.	○	○
The expression updates existing contacts in CDS.	○	○
The expression handles loss of connection to CDS.	○	○

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 -
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/offline-apps

sanharshu7 Highly Voted 4 years, 5 months ago
function "Path" is typo mistake here its "Patch" function to create records with Default.
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-patch

I interpret the code...
If Online
Creates new record in CDS contact entity
Navigate to "ConfirmationScreen"
Else //Offline
Overwrites latest record to Collection and save to device memory
Navigate to "PendingScreen"

Yes -- It creates a record in CDS with fresh data but yes not saving from the collection (agree with RobinS..)
No -- the collection is clear and save single record when goes offline
No -- Existing contacts are not updated in the code
Yes -- Yes it handles the connection loss
upvoted 15 times

gno Highly Voted 4 years, 6 months ago
for me it's no-no-no-yes. this code either creates a new record when online or overwrites the offline record collection with the latest entry
upvoted 5 times

cvocvocvo Most Recent 4 years ago
"SaveData stores small amounts of data on a local device. By using these functions, you can add simple offline capabilities to your app." So because SaveData is used, it will save the record when reconnected. So the 1st one is Yes.
upvoted 1 times

RandomUser 4 years ago
LMFAO. It is *not* writing back updates stored locally. If you want to know how this would be done check here:
https://jobs.collab365.community/powerapps-offline-disconnected-mode/

Steps to sync Offline Changes

If (Connection.Connected && CountRows(LocalChanges) > 0, … – If we are connected and we have at least 1 record to sync back.
ForAll(LocalChanges, – Iterate through every pending change in the “LocalChanges” collection.
If (ChangeType = “u” – We only want to process updates (not deletes) at this stage.
Patch(Issues, First(Issues), { … } – As we are connected to we want to create a record in the “Issues” data source, using the first Issue record (matching the IssueId) and a change record supplied by values from the UI (as JSON).
If (ChangeType = “a” – We only want to process new records.
Patch(Issues, Defaults(Issues), { … } – As we are connected to we want to create a record in the “Issues” data source, using a default issue record and a change record supplied by values from the UI (as JSON).
upvoted 1 times

jkaur 4 years ago
The given answer is correct
upvoted 1 times

Druey 4 years, 2 months ago
For me the first is NO.

It asks if the expression saves data when the connection is on again.

First of all, when we are on line again, we are in another screen because of the navigate function.
Second: even if we were in the right screen, it would not save anything if we don't push the button again
Third: even if we are on the right screen and we push the button, we would not save the right data, but only the new ones in the form

So I would say no.
upvoted 1 times

RominaT 4 years, 3 months ago
For me, first is NO.
It does not say there is a code to generate data in "OnStart".
upvoted 1 times

hdjd333 4 years, 6 months ago
The code does not save the data to CDS when the device reconnects to Internet. There is no code to loop through the saved cache data and post it to CDS.

The function "Path" is a typo, it should be Patch. When it uses with Defaults function, it create a new Contact record in CDS.
upvoted 3 times

RobinS 4 years, 6 months ago
I think the statement about saving data when reconnected means new data. If the device is again online, it will take the path of 'connected' and new data entered will be again updated to CDS. What it does not do is push all the local data in cache to CDS or deal with conflict with those updates.
upvoted 4 times

Question #12 Topic 2

HOTSPOT -

A company is preparing to go live with their Dynamics 365 Customer Engagement 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 Customer Engagement, the IDs for the new accounts must be output to a log file.

You have the following code:

```
ExecuteMultipleRequest request = new ExecuteMultipleRequest()
{
    Settings = new ExecuteMultipleSettings()
    {
      ContinueOnError = true,
      ReturnResponses = false
    },
    Requests = new OrganizationRequestCollection()
};
GetAccountData(request.Requests);
ExecuteMultipleResponse responseWithResults = (ExecuteMultipleResponse)crmSvc.Execute(request);
foreach (var responseItem in responseWithResults.Responses)
{
…
}
```

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Suggested Answer:

Answer Area

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

Box 1: Yes -

Box 2: Yes -
Even when ReturnResponses is 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 -
ContinueOnError, here set to true: 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.

Box 4: Yes -
Even when ReturnResponses is 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.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-requests

AliDiab Highly Voted 4 years, 6 months ago
1- No (ReturnResponses: When true, return responses from each message request processed. When false, do not return responses)
2- Yes (ReturnResponses: However, even 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.)
3- No
4- Yes
upvoted 26 times

mgharably 4 years, 5 months ago
perfect answers, bro (Y)
upvoted 2 times

Yuris Highly Voted 4 years, 6 months ago
The first answer should be "No" because the property ReturnResponses is false
upvoted 15 times

Sherif_Sobhy 4 years, 6 months ago
yes , agree with you
upvoted 3 times

RobinS 4 years, 6 months ago
It should be yes for the first answer. If you read the reference link:However, even 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.
upvoted 3 times

Sherif_Sobhy 4 years, 6 months ago

The first option mentioned that the newly created records Ids will be returned , and here we can say no because it won't return because of return response set to false , that's means that the response item will be empty in case of success , but it will contain items for errors only in case any failure

upvoted 4 times

TaiH 4 years, 6 months ago

The first one should be No, if errors are returned, you can get the fault properties and reasons (probably why the requests failed), but you can not get newly-created ids. Furthermore, if it cannot succeed to send the request, there are no new ids have been created at all.

upvoted 5 times

jkaur Most Recent 4 years ago

No,Yes,No,Yes

upvoted 2 times

mariusz 4 years, 1 month ago

no, yes, no, yes => https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-requests

upvoted 2 times

Dangomezhernandez 4 years, 1 month ago

So guys what is the correct answer?

upvoted 1 times

sgupta1985 4 years, 2 months ago

Whats the final verdict? :)

upvoted 1 times

sanharshu7 4 years, 5 months ago

No - No access to newly created account id as GetAccountDate functio is written above the Execute method

No -- Developer will not have access to request caused the fault as
ContinewOnError is TRUE

No -- ContinewOnError is TRUE so it will contieue execution for all requests

No -- ReturnResonses is FALSE so it no response

upvoted 1 times

kennyk123 4 years, 4 months ago

#4 is Yes. Because:

However, even 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.

upvoted 2 times

Juan_Covili 4 years, 6 months ago

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

upvoted 1 times

Question #13 *Topic 2*

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')

D. https://disco.crm.dynamics.com/api/discovery/v9.1/

E. https://globaldisco.crm.dynamics.com/api/discovery/v9.1/Instances

Suggested Answer: *CE*
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')
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

paulcab Highly Voted 4 years, 5 months ago
I think the answer should be Band E, C would return just one endpoint for a specific instance (myorg)

To Retrieve a list of available instances,

GET https://dev.{servername}/api/discovery/v9.0/Instances
upvoted 11 times

> **cdle** 4 years, 4 months ago
> I agree with that, B and E.
> In both cases if you only put /Instances on the url you get the list of instances the user has access to, which is what we want.
> For the links on the answer: "If you leave out the GUID, all instances that the authenticated user has access to are returned."
> upvoted 4 times
>
> > **Chrissi** 4 years, 2 months ago
> > I also agree with B and E. You need to use /Instances on the url to get a list of all instances that the user has access to.
> > upvoted 1 times
> >
> > > **Chrissi** 4 years, 2 months ago
> > > I changed my mind. In my opinion the answers are D and E. globaldisco is also an option. We need to add /Instances to D to get a list of all instances that the user has access to.
> > > upvoted 1 times

SonGoku Most Recent 4 years ago
For Options C and E, we need to write C# code and get the access for Test Team. The question has been framed in a way that we are the developer and need to identify the access for Test Team. So, considering that, C and E could be the answer here.
upvoted 1 times

jkaur 4 years ago
CE is correct
upvoted 1 times

> **RandomUser** 4 years ago
> E would be correct if it were using v1 or v2 of the API. There is no v9.1 of GlobalDisco

upvoted 4 times

Karlomanio 4 years, 1 month ago

The answers are B and C. From the given link, https://docs.microsoft.com/en-in/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api, it says:

"Get the details of a specific instance. If you leave out the GUID, all instances that the authenticated user has access to are returned.

GET https://dev.{servername}/api/discovery/v9.0/Instances(<guid>)"

upvoted 2 times

killuah0190 4 years, 3 months ago

For me it is D and E, allthough for D you need to add /Instances at the end of the url.
A is the Path to the web api of ONE instance and B & C are invalid urls (they hardcoded point to a instance named 'dev', but even changing dev to youre orgUniqueName doesn't make the url valid)

upvoted 1 times

RominaT 4 years, 3 months ago

It's not hardcoded: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api

upvoted 2 times

Chitrara1 4 years, 3 months ago

A and D is the correct answer

upvoted 1 times

Chitrara1 4 years, 3 months ago

HTTP REST API providing connection information for the set of Dynamics 365 instances to which the caller has access.
https://disco.crm.dynamics.com/api/discovery/v9.1/

upvoted 1 times

mgharably 4 years, 5 months ago

I created a trial online organization give me those URLs in A,D
check the screenshot: https://traxconsulting-my.sharepoint.com/personal/mgharably_trax-group_com/Documents/shared%20Online/discoverurl.png
I guess the confusion in how we will use the URLs
-A,D if we use Get HTTP request in the browser within our logged in user
-C,E if we will use C# code and get the user access token
UserPasswordCredential cred = new UserPasswordCredential(username, password);
authResult = authContext.AcquireTokenAsync(northAmericaResourceUrl, clientId, cred).Result;

upvoted 1 times

sanharshu7 4 years, 5 months ago

correct CE

https://docs.microsoft.com/en-gb/powerapps/developer/common-data-service/webapi/discover-url-organization-web-api

upvoted 1 times

Question #14 *Topic 2*

A company uses the Data Export Service (DES) 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 SQL database for testing.
You need to configure the test environment to point to the new SQL database.
What should you create first to access the SQL database?

A. a new secret in Azure Key Vault

B. a new export profile in CDS test

C. a new user in the SQL database

D. a new application registration

Suggested Answer: *A*
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/

jkaur 4 years ago
A is correct
upvoted 1 times

sanharshu7 4 years, 5 months ago
I think A is correct
upvoted 3 times

RobinS 4 years, 6 months ago
Here is the Microsoft reference: https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database
upvoted 4 times

Question #15 *Topic 2*

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 Building code form, add the JavaScript library in the events tab and the Code date field to the non-event dependencies.

✑ In the Work item form, add the JavaScript library in the Events tab and the Elapsed time field to the non-event dependencies.

Does the solution meet the goal?

A. Yes

B. No

Suggested Answer: *B*

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

Reference:

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

lollo1234 Highly Voted 4 years, 4 months ago

I think "No" is correct, because it says "...other developers expand the enviroment." so it means they might want to use the JS on another/new form. So adding the dependencies on the given form would not work. You would need to add the fields in the WebResource itself. right?

upvoted 13 times

Chrissi 4 years, 2 months ago

I agree with your answer and explanation. Adding dependencies on the given form will not meet the requirement. We have to add the fields to the Webresource itself. Thus, it is possible to use JS also for other forms e.g. a consolidated form.

upvoted 2 times

AliDiab Highly Voted 4 years, 6 months ago

I think answer is A

upvoted 6 times

jkaur Most Recent 4 years ago

Answer is A

upvoted 1 times

RominaT 4 years, 3 months ago

I think answer NO is correct beacause 'Construction workers use a consolidated custom form with data from both entities...', I understood JS is in that custom form, so, answer A is not enough to meet the goal.

upvoted 3 times

KAL18 4 years, 3 months ago

Construction workers use a consolidated custom form. In that case, how would adding dependencies to individual forms work? Hence, answer should be NO.

upvoted 5 times

Power_Ninja 4 years, 5 months ago

Answer is correct

upvoted 4 times

sanharshu7 4 years, 5 months ago

Correct asnwer should be A

upvoted 4 times

Question #16 *Topic 2*

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: Use access team templates and give access to members in the two departments.

Does the solution meet the goal?

A. Yes

B. No

Suggested Answer: *A*

Access Team template -

The privileges assigned to the access team through Access Team Templates. Access Team template allows you to create a template for the entities on which "Access Teams" option is enabled. You can grant or restrict access to the entity records through "Access Rights".

Essentially, this is like a record-based security model on an entity record for specific users.

Once the access team template is created and added to the entity form, you can start adding users. For example, on an opportunity record add a new user in the

Access Team Template sub-grid.

Reference:

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

sanharshu7 Highly Voted 4 years, 5 months ago

Correct

upvoted 6 times

rijifa7178 Most Recent 3 years, 6 months ago

https://www.examtopics.com/exams/microsoft/pl-400/view/5/

answer is YES

upvoted 1 times

Question #17 *Topic 2*

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

Suggested Answer: *B*

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

jkaur 4 years ago

correct B

upvoted 1 times

Power_Ninja 4 years, 5 months ago

Agree with Kireal, in priniciple Access Teams is the recommended approach thus B

upvoted 1 times

sanharshu7 4 years, 5 months ago

Agree with Kirael, Answer should be B.

upvoted 3 times

NavaKiran 4 years, 6 months ago

The question is asking whether the solution meets the requirement and can do this with creating a custom security role and assign to specific users.

upvoted 3 times

Kirael 4 years, 6 months ago

I agree with you on this, but the answer is still "B. No" in my opinion, because if you give this security role to all members of the two organizations, they dill gave access not only to the two organizations, but all of them. And that's not meet the requirements

upvoted 10 times

Kirael 4 years, 6 months ago

they will* have* access ..

upvoted 1 times

KAL18 4 years, 3 months ago

Also, giving organization level access would give all users access to all opportunities.

upvoted 1 times

Question #18 *Topic 2*

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

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

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

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

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

Solution: Share the individual opportunity that member of one department are working on with all members of the second department, and give those members the appropriate permissions.

Does the solution meet the goal?

A. Yes

B. No

Suggested Answer: *B*
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
Create and Configure Power Apps

ClairFraser Highly Voted 4 years, 6 months ago
I would say A. It still meets the requirement to use Share - it is just more manual than access team templates
upvoted 13 times

TaiH 4 years, 6 months ago
I agree with you. Even that it is not effective to do so, it is possible. But I am not sure that it is allowed to have two "yes-es" solution.
upvoted 1 times

cvocvocvo Highly Voted 4 years ago
I thought it was A, but after further consideration, the best answer is B. The reason is twofold.

1: The question states that YOU need to CONFIGURE THE SECURITY to meet the requirement. Saying to users to share a record may work, but this is the user making use of the sharing feature in the application. It is NOT you configuring the security.

2: There is a security implication with sharing records with users, when the requirement focuses on departments. What happens if, during the course of an opportunity, a user switches department? Well, they would still have the record shared with them when they move to the 3rd department, breaking the requirement that only 2 departments would have access.

B is therefore correct.
upvoted 6 times

proceSorl Most Recent 4 years ago
The correct answer is B.
However, there are times when two departments need to work together on an opportunity.
It's explicitly mentioned "two departnemts"
upvoted 3 times

jkaur 4 years ago
Answer is A
upvoted 1 times

Thomson 4 years, 1 month ago
I think the trick in this question is, that they don't ask for the most efficient way. In MB-200 I had a case, where 2 suggested solutions in a series of questions were to answer with "yes".

upvoted 1 times

KAL18 4 years, 3 months ago

Apparently, A is correct. But keeping in view the whole scenario ans series of question, it is not the best approach. So, B could be correct from this perspective.

upvoted 2 times

mahu 4 years, 2 months ago

That is right. But as you cannot return and do not have the chance to give the best option, I think every solution that meets the goal should be picked. I would say A is correct here therefor. Change my mind.

upvoted 3 times

Tomazv 4 years, 4 months ago

Share is actually the same process as Access Team , the only difference is that the user needs the share permissions.

upvoted 1 times

sanharshu7 4 years, 5 months ago

Agree with ClairFraser, It Should be A.

upvoted 2 times

Question #1 *Topic 3*

A multinational company requires that all phone numbers be standardized as country code + area code + phone number.
The application design team decides that a custom PowerApps component framework (PCF) control should be used to prompt users for an area code and correctly format the phone number.
You need to get the list of valid area codes when a contact record is opened and before the user enters a new phone number.
In which function should you call webAPI.retrieveMultipleRecords?

A. updateView

B. getOutputs

C. init

D. notifyOutputChanged

Suggested Answer: *A*
The updateView method will be called when any value in the property bag has changed. This includes field values, data-sets, global values such as container height and width, offline status, component metadata values such as label, visible, etc.
Set the value of the field component to the raw value from the configured field.
Note: webAPI.retrieveMultipleRecords retrieves a collection of entity records.
Incorrect Answers:
B: getOutputs is called by the framework prior to a component receiving the new data. Returns an object based on nomenclature defined in manifest, expecting objects[s] for the property marked as bound or output.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/reference/control/updateview

RobinS Highly Voted 4 years, 6 months ago
init is used to initialize the component instance. Components can kick off remote server calls and other initialization actions. Data-set values cannot be initialized here, use the updateView method to achieve that. Therefore, you cannot use init.
upvoted 14 times

sanharshu7 4 years, 5 months ago
Agree, UpdateView is correct
upvoted 4 times

val_maly Most Recent 3 years, 8 months ago
I will wote for C: init
The reason:
Component should allow you to select country code and then format phone number accordingly.
Looks like your component will contain two pieces:
- dropdown with country codes
- textbox (input) to enter phone number
Inside init you do construct the html for those 2 pieces
and there you can call webAPI.RetrieveMultiple to obtain all country codes from "CountryCode"
custom entity and add them as options to dropdown.
This will solve the requirements
"You need to get the list of valid area codes when a contact record
is opened and BEFORE the user enters a new phone number"
upvoted 1 times

wwaki 4 years ago
It is INIT couse:
You need to get the list of valid area codes when a contact record is opened and before the user enters a new phone number.

So we have to retrieve it before any change run updateView
upvoted 2 times

jkaur 4 years ago
Correct A

upvoted 1 times

ClairFraser 4 years, 6 months ago

I say Init. Data-set provides properties and methods to work with data on grids and views. WIth a single field, this is not the case. Notice that updateView is not called for field null values: Always use a required field that is guaranteed to have a value. If your field does not have a value, your embedded canvas app will not refresh in response to any change in data on the host model-driven form.

upvoted 3 times

Horrid 4 years, 3 months ago

init is for initializing the data and components. As per the framework event pipeline, updateView is invoked after init. So, I would do a webApi call in updateView.

Look at this webApi component - https://docs.microsoft.com/en-us/powerapps/developer/component-framework/sample-controls/webapi-control

all webapi calls are in updateView method.

upvoted 2 times

killuah0190 4 years, 3 months ago

I think ClairFraser is right, documentation says init is used for remote server calls. Actually querying web api is a remote server call. Furthermore area codes sound like static data, therefore it is enough to query them once, instead of query them everytime updateView is called.

Also the dataset value initialization is no limitation here, because the component is bound to a field not a subgrid.

upvoted 1 times

DRAG DROP -

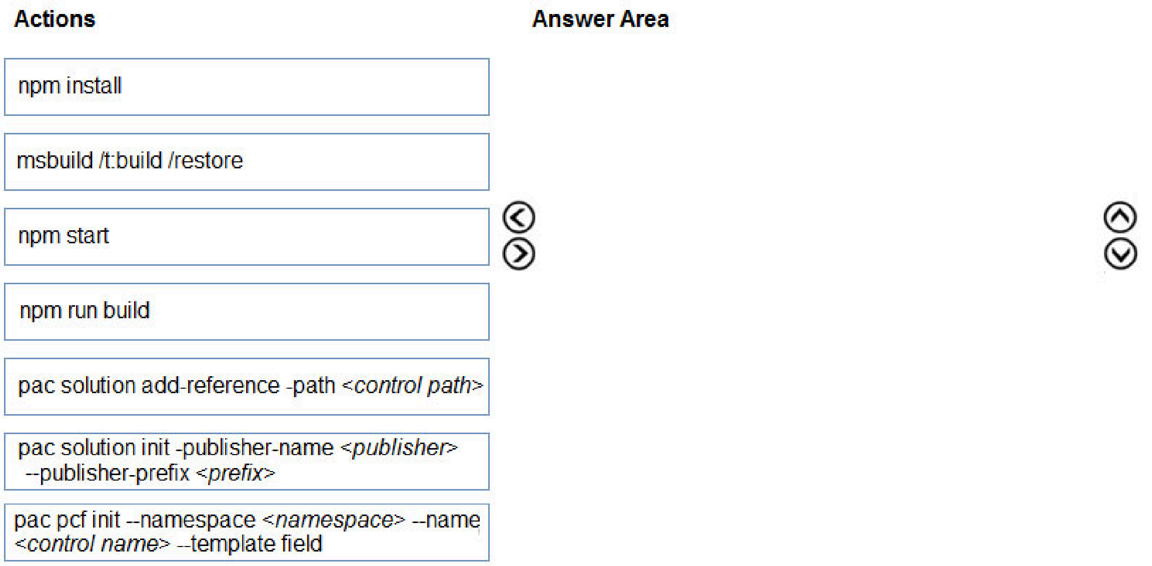
A company uses Common Data Service (CDS) and manages their engineers using a model-driven app.

You create a new reusable custom component using the PowerApps component framework (PCF).

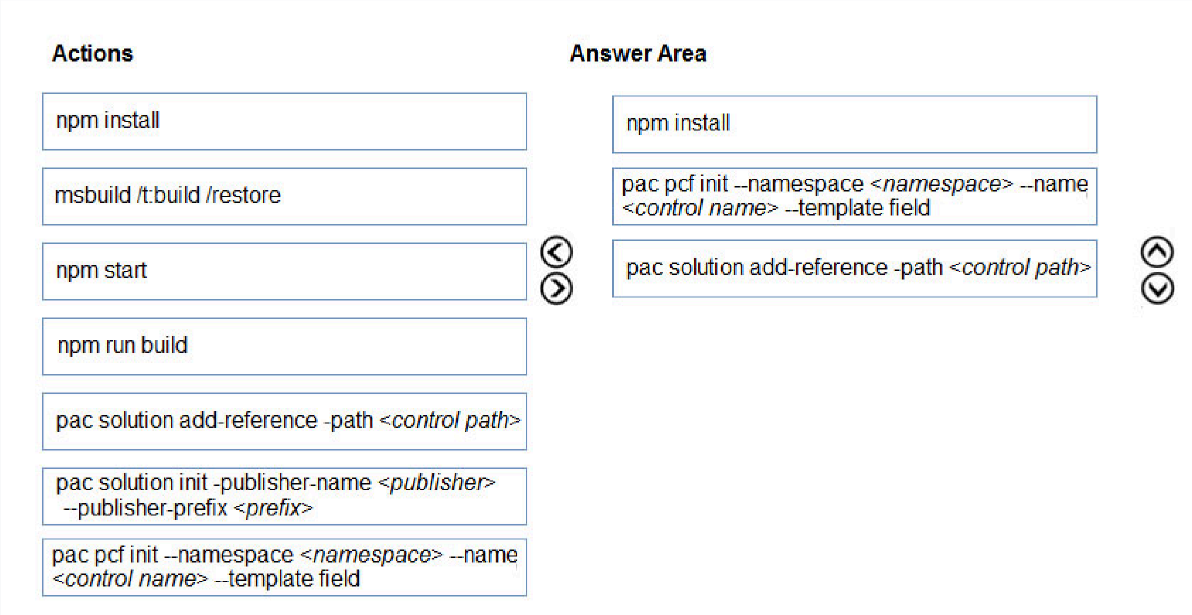
You need to package the custom component to be deployed into the model-driven app.

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

Select and Place:



Suggested Answer:



Step 1: npm install -

Install Npm -

Step 2: pac pcf init ..

Commands for working with Power Apps component framework. It has the following parameters:

➾ init: Initializes the code component project. It has the following parameters

➾ namespace: Namespace of the code component.

➾ name: Name of the code component.

➾ template: Field or dataset

Step 3: pac solution add-reference

Commands for working with Common Data Service solution projects. It has the following parameters: add-References:

Sets the reference path to the component project folder by passing the path parameter.

Syntax: pac solution add-reference --path <path to your Power Apps component framework project>
Incorrect Answers:
pac solution init ..
Commands for working with Common Data Service solution projects. We are working with a PowerApps component framework project though.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/powerapps-cli

ivan_m Highly Voted 4 years, 6 months ago
1. pac solution init --publisher-name <publisher> --publisher-prefix <prefix>
2. pac solution add-reference --path <control path>
3. msbuild /t:build /restore
upvoted 54 times

sanharshu7 4 years, 5 months ago
Sorry, this is correct as need to deploy the control....
upvoted 1 times

Chrissi 4 years, 2 months ago
I agree with this answer. You need to pack the solution, add it and build the solution via msbuild.
upvoted 1 times

Ash1986 Highly Voted 4 years, 7 months ago
Wrong Answer:
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls
upvoted 14 times

raj9947 Most Recent 4 years ago
In exam
upvoted 1 times

wwaki 4 years ago
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/use-sample-components regarding to above:
1. pac solution init --publisher-name <publisher> --publisher-prefix <prefix>
2. pac solution add-reference --path <control path>
3. msbuild /t:build /restore
upvoted 1 times

jkaur 4 years ago
step 6,5,2
upvoted 1 times

DeltaFront 4 years, 2 months ago
- pac solution init --publisher-name developer --publisher-prefix dev
- pac solution add-reference --path c:\downloads\mysamplecomponent
- msbuild /t:build /restore
upvoted 1 times

RominaT 4 years, 3 months ago
The question says "YOU NEED TO PACKAGE":
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/implementing-controls-using-typescript#packaging-your-code-components
pac solution init --publisher-name developer --publisher-prefix dev
pac solution add-reference --path c:\users\LinearComponent
msbuild /t:restore
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls
pac solution init --publisher-name developer --publisher-prefix dev
pac solution add-reference --path c:\downloads\mysamplecomponent
msbuild /t:build /restore
upvoted 6 times

Sherif_Sobhy 4 years, 6 months ago

1-pac solution init --publisher-name <publisher name> --publisher-prefix <prefix>

2-pac solution add-reference --path "Project Path"

3- msbuild /t:restore

upvoted 14 times

SvtPA 4 years, 6 months ago

you should order ALL the items:

1. pac pcf init -namespace<namespace> --name
<control name> --template field
2. npm install
3. npm run build
4. npm start
5. pac solution init --publisher-name- <publisher
name> --publisher-prefix <publisher prefix>
6. pac solution add-reference --path <control
path>
7. msbuild /t.build /restore

upvoted 7 times

RoelG 4 years, 6 months ago

No, check this link: https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

upvoted 4 times

Question #3 *Topic 3*

DRAG DROP -

A travel company has a Common Data Service (CDS) environment.

The company requires the following:

✑ Custom entities that track which countries/regions their clients have traveled.

✑ The dates their clients traveled to these countries/regions.

You need to create the entities and relationships to meet the requirements.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct order you select.

Select and Place:

Actions

- On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date.
- Create a 1:N relationship from Contact to the Country entity.
- Create a N:N relationship from Contact to the Country entity.
- Create a 1:N relationship from ContactCounrty intersect entity and Country.
- Create the Country entity.
- On the main form for ContactCountry, add a sub grid to view the country information.
- Create an intersect entity named ContactCountry and create two N:1 relationships to Contact and Country.
- Create an intersect entity named ContactCountry and create two 1:N relationships to Contact and Country.

Answer Area

Suggested Answer:

Actions

- On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date.
- Create a 1:N relationship from Contact to the Country entity.
- Create a N:N relationship from Contact to the Country entity.
- Create a 1:N relationship from ContactCounrty intersect entity and Country.
- Create the Country entity.
- On the main form for ContactCountry, add a sub grid to view the country information.
- Create an intersect entity named ContactCountry and create two N:1 relationships to Contact and Country.
- Create an intersect entity named ContactCountry and create two 1:N relationships to Contact and Country.

Answer Area

- Create the Country entity.
- Create a 1:N relationship from Contact to the Country entity.
- On the main form for ContactCountry, add a sub grid to view the country information.

You can configure a sub-grid on a form to display a list of records or a chart.

Reference:

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/sub-grid-properties-legacy

ivan_m Highly Voted 4 years, 6 months ago

Wrong answer, because 1:N - One contact can visit more country, but only one time (missed date)
Right answer:
1. Create the Country entity
2. Create an intersect entity named Contact country and create two N:1 relationships to Contact and to Country
3. On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date
upvoted 66 times

AliDiab 4 years, 6 months ago
correct
upvoted 4 times

Yuris 4 years, 6 months ago
I'm agree
upvoted 3 times

TaiH 4 years, 6 months ago
And just for more explanation, if we implement it this way, we can not have two contacts that visit the same country.
upvoted 2 times

TaiH 4 years, 6 months ago
Sorry. I have forgotten to say.
I agree :)
upvoted 1 times

raj9947 Most Recent 4 years ago
In exam
upvoted 1 times

wwaki 4 years ago
Wrong it should be
1. Create the Country entity
2. Create an intersect entity named Contact country and create two N:1 relationships to Contact and to Country
3. On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date

OR

1. Create the Country entity
2. Create N:N relationship from Contact to the countrry entity (it will create new cross entity witf lookups to contact and country)
3. On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date
upvoted 1 times

Baldus602 4 years ago
Sorry wwaki but the second solution is wrong
1. Create the Country entity
2. Create N:N relationship from Contact to the countrry entity (it will create new cross entity witf lookups to contact and country)
3. On the main form for ContactCountry, add the lookup fields for the Contact and Country, and a date field for the visit date

If you create the OOB n:n relationship you are not able to access the intrsect entity and add custom fields
https://taagung.com/many-to-man
y-relationship-dynamics-365/
upvoted 1 times

jkaur 4 years ago
Steps 5,7,1
upvoted 1 times

Karlomanio 4 years, 1 month ago
1. Create the Country entity.
2. Create 1:N relationship from Contact to Country entity, (ie. one contact per multiple countries).
3. On the main form for Contact entity, add the lookup fields for the contact and Country and a date field for the Visit date.

The last is a detail none of you mentioned and in my opinion is incorrect in the solution.
upvoted 1 times

Sherif_Sobhy 4 years, 6 months ago

Right sequence is :

5,8,1

upvoted 1 times

Sherif_Sobhy 4 years, 6 months ago

sorry 5,7,1

upvoted 4 times

danosagi 4 years, 6 months ago

Why would that be a 1:N relationship between Contact & Country? So each country will only be associated with only ONE contact? Multiple clients can go to the same country right? Also only N:N will generate "ContactCountry"

upvoted 2 times

Question #4 Topic 3

HOTSPOT -

A fine arts school uses a custom canvas application based on the Common Data Service (CDS) platform.

Artists experience errors on their Artist canvas app and delays when switching pages.

You need to identify the root causes of these issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Troubleshooting method
Artist canvas app has errors.	PowerApp Checker Solution Checker Site Map validation
Application runs slowly.	PowerApps Admin Center Service Performance in PowerApps Analytics Dynamics 365 Service Health PowerApps client session details

Suggested Answer:

Answer Area

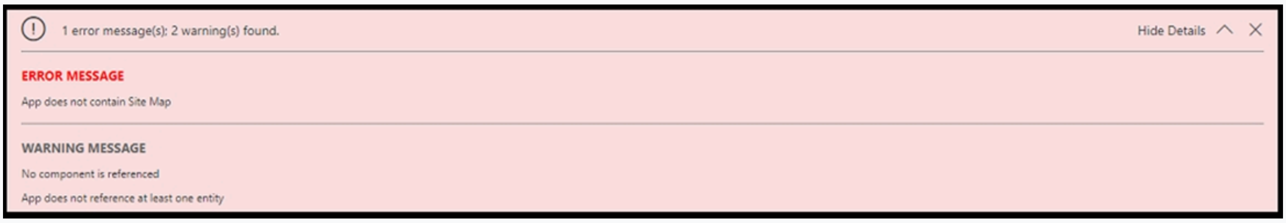
Issue	Troubleshooting method
Artist canvas app has errors.	PowerApp Checker Solution Checker Site Map validation
Application runs slowly.	PowerApps Admin Center Service Performance in PowerApps Analytics Dynamics 365 Service Health PowerApps client session details

Box 1: Site Map validation -

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

In the app designer, select Validate.

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



Incorrect Answers:

With Solution checker, you can inspect your code against a set of best practice development rules specific to customizing and extending the CDS for Apps platform. Get access to rich detailed reports listing issues identified, severity, locations, and sometimes the line code, with

linkage to detailed prescriptive guidance on how to fix the problem.
PowerApp Checker checks your solution for any usage of code that was deprecated or any performance or security issues in the code. It checks the plugin code as well as web resources.
Box 2: Service Performance in Power Apps Analytic
Regarding Microsoft Power Apps Canvas Driven Apps: for reviewing performance bottlenecks and API calls, admins can leverage the Service Performance report for connection health. Admins can gain insights into the least and best performing services, the mean response time and success rate for connectors and the 50th,
75th and 95th percentile markers for response time. Each of these can be filtered down by service or connector, device, player version and regionally.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/validate-app
https://community.dynamics.com/crm/b/crminthefield/posts/monitoring-the-power-platform-canvas-driven-apps---power-apps-analytics

Yuris Highly Voted 4 years, 6 months ago
For the first issue, the answer should be App Checker
upvoted 27 times

mgharably 4 years, 6 months ago
should be App Checker (Y)
https://powerapps.microsoft.com/en-us/blog/powerapps-checker-now-includes-app-checker-results-for-canvas-apps-in-solutions/
upvoted 7 times

sanharshu7 Highly Voted 4 years, 5 months ago
PowerApps Checker
Service Performance in Power Apps Analytics
upvoted 8 times

raj9947 Most Recent 4 years ago
In exam
upvoted 1 times

jkaur 4 years ago
First Power app checker
Second is correct
upvoted 1 times

RobinS 4 years, 6 months ago
Here is the Microsoft link for Power App Analytics: https://docs.microsoft.com/en-us/power-platform/admin/analytics-powerapps
upvoted 5 times

Question #5 *Topic 3*

A client uses a model-driven app that is deployed by using a managed solution in the production environment. The app contains only entities and UI components and has no custom code or extensions to the platform.
The client needs an exact copy of the app with a different name in the production environment.
You need to recreate this app in production without disrupting the end users.
What should you do?

A. Select the original model-driven app, select Edit, and then select Save As.

B. Create a new model-driven app. Select the Use existing solution to create the App check box, and then select the solution that contains the original app.

C. Select the managed solution and select Clone.

D. Create a new model-driven app, manually add each component, and then recreate its original functions.

E. Add the original app to a solution, export it as unmanaged, import it into a test environment and rename it, and then deploy it back into production.

Suggested Answer: *B*
The option Use existing solution allow users to select a specific solution for this app. Users can create a whole new design from scratch by not checking check box of use existing solution.
Reference:
https://www.inogic.com/blog/2019/02/create-model-driven-app-cds-environment/

Community vote distribution
B (100%)

Yuris Highly Voted 4 years, 6 months ago
Correct answer
upvoted 9 times

markjr Most Recent 1 year ago
Selected Answer: B
correct
upvoted 1 times

jkaur 4 years ago
B is correct
upvoted 1 times

RominaT 4 years, 3 months ago
B is correct.
Here is the link of MS Doc: https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-edit-app
upvoted 3 times

sanharshu7 4 years, 5 months ago
B is correct
upvoted 3 times

Question #6 Topic 3

DRAG DROP -

A company has a Common Data Service (CDS) environment. The company creates model-driven apps for different sets of users to allow them to manage and monitor projects.

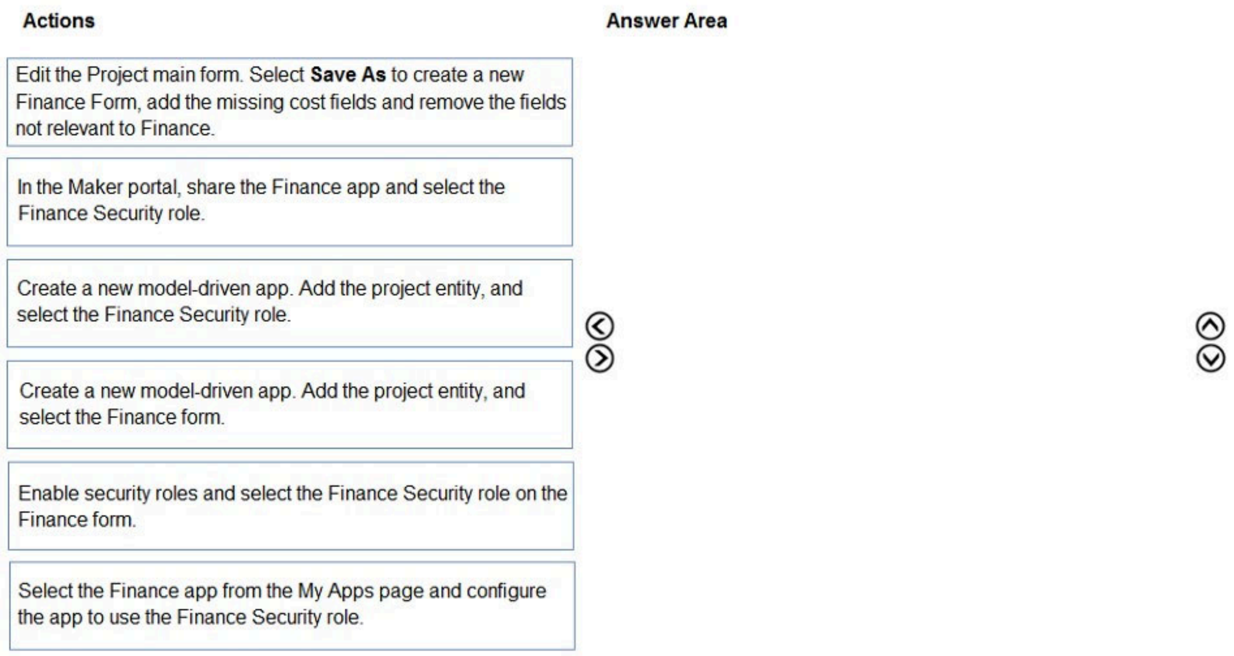
Finance team users report that the current app does not include all the entities they require and that the existing project form is missing cost information. Cost information must be visible only to finance team users.

You create a security role for finance team users.

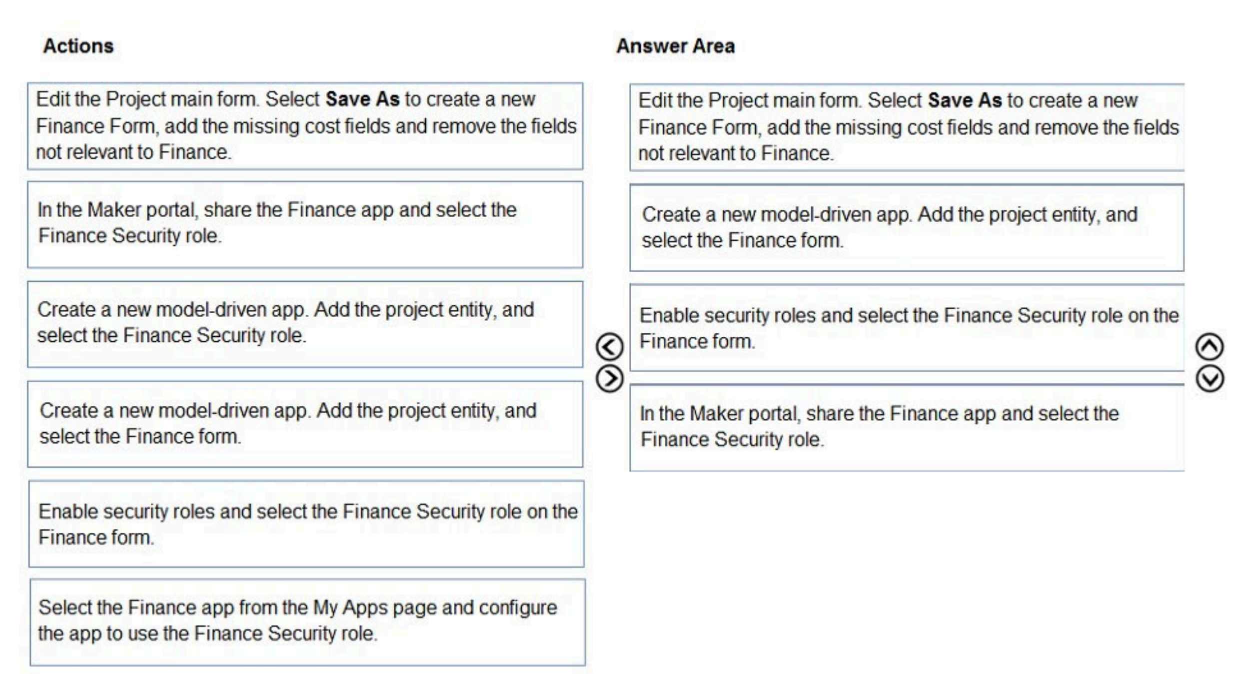
You need to create a new app for finance team users.

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

Select and Place:



Suggested Answer:



Step 1: Edit the Project main form. Select Save as..

Step 2: Create a new model-driven app. Add the project entity, and select the Finance form.

Step 3: Enable security roles and select the Finance Security role on the Finance

Assign security roles to the main form. Use this to make a main form available to specific groups.

Step 4: In the Maker portal, share the Finance app and select the Finance Security role.

Sharing a model-driven app involves two primary steps. First, associate a one or more security role(s) with the app then assign the security role(s) to users.
✑ Visit https://make.powerapps.com
✑ Select a model-driven app and click Share.
Select the app then choose a security role from the list.
.
Reference:
https://docs.microsoft.com/dynamics365/customer-engagement/admin/assign-security-roles-for
Configure business process automation

AliDiab Highly Voted 4 years, 6 months ago
Step 1: Edit the Project main form. Select Save as....
Step 2: Enable security roles and select the Finance Security role on the Finance Form..
Step 3: Create a new model-driven app. Add the project entity, and select the Finance form.
Step 4: In the Maker portal, share the Finance app and select the Finance Security role.
upvoted 35 times

Sherif_Sobhy 4 years, 6 months ago
I agree
upvoted 3 times

TaiH 4 years, 6 months ago
I agree
upvoted 1 times

AliDiab 4 years, 6 months ago
I agree
upvoted 1 times

sanharshu7 4 years, 5 months ago
Correct
upvoted 1 times

jkaur Most Recent 4 years ago
Steps 1,5,4,2
upvoted 2 times

eric_lin 4 years, 1 month ago
"Enable security roles and select the Finance Security role on the Finance Form.." is not restricted. That can be step 2, 3, 4.
upvoted 2 times

ClairFraser 4 years, 6 months ago
Notice for the last one the difference from the My Apps page is than in the maker portal you can also assign the security role to users
upvoted 3 times

Question #1 — *Topic 4*

DRAG DROP -

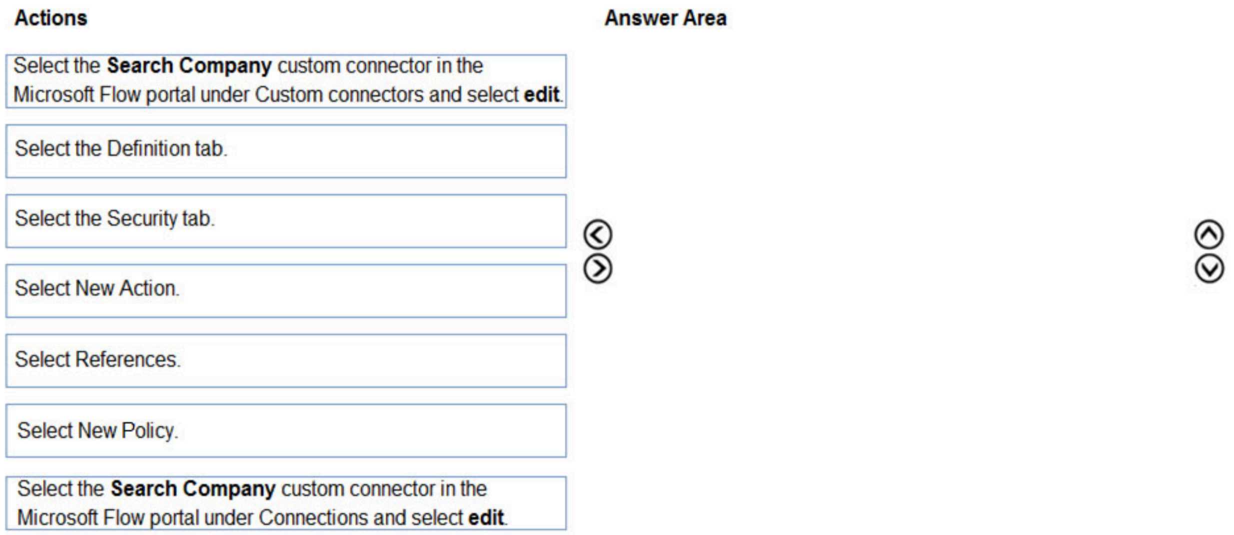
A company creates a custom connector to use in a flow named Search Company.

When this custom connector is used, requests must be redirected to a different endpoint at runtime.

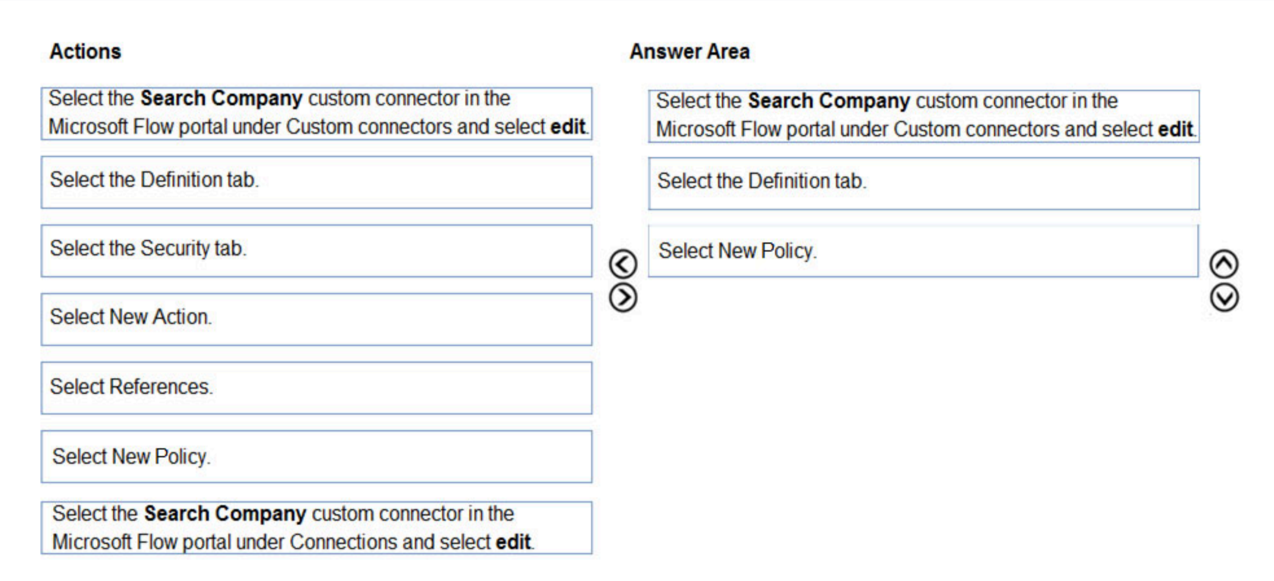
You need to apply a policy to the custom connector to route calls to a different endpoint.

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

Select and Place:



Suggested Answer:



Step 1: Select the Search Company custom connector in the Microsoft Flow portal under Custom connectors and select edit.

Login to the Microsoft Flow portal, and on right top corner click on the settings icon and then click on custom connectors option.

Step 2: Select the Definition tab

Policy template are available only for custom connectors. To use a policy template, open Power Automate portal and either create a new custom connector or edit an existing one.

1. In the custom connector wizard, select the Definition page.
2. From the Definition page, select New Policy.
3. Etc.

Step 3: Select New Policy -

Reference:

https://docs.microsoft.com/en-us/connectors/custom-connectors/policy-templates

Yuris Highly Voted 4 years, 6 months ago

Correct answer

upvoted 12 times

- **TaiH** 4 years, 6 months ago

  I agree

  upvoted 2 times

jkaur Most Recent 4 years ago

The answer is correct

upvoted 1 times

Druey 4 years, 3 months ago

I agree.

But... is this a serious question that I could find in the exam?

upvoted 1 times

Question #2 Topic 4

DRAG DROP -

User1 and User2 use a form named F1 to enter account data. Both users have the same security role, SR1, in the same business unit.

User1 has a business rule to make the main phone mandatory if the relationship type is Reseller. User2 must occasionally create records of the Reseller type without having the reseller's phone number and is blocked by User1's business rule.

You need to ensure that User2 can enter reseller data into the system.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct order you select.

Select and Place:

Actions

- Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.
- Open form F1 and save it as a form named **F2**.
- Remove the business role from form F2.
- Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.
- Create a business rule for form F2 to make the phone number optional for resellers.

Answer Area

Suggested Answer:

Actions

- Copy the security role as SR2. Assign the SR2 security to User2 and remove the original security role SR1.
- Open form F1 and save it as a form named **F2**.
- Remove the business role from form F2.
- Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.
- Create a business rule for form F2 to make the phone number optional for resellers.

Answer Area

- Open form F1 and save it as a form named **F2**.
- Remove the business role from form F2.
- Create a business rule for form F2 to make the phone number optional for resellers.

hdjd333 Highly Voted 4 years, 6 months ago

1- Open form F1 and save it as a form named F2.

2 - Copy the security role as SR2. Assign the SR2 security to user2 and remove the original security role SR1.

3 - Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.

This answer is based on the assumption that the business rule created by User 1 is scoped to F1 only, not All Forms. Otherwise there will be an extra action to change the scope of the business rule.

upvoted 26 times

TaiH 4 years, 6 months ago

I am agreed with you, especially your explanation.

Actually we can swap 1 and 2, 1 and 2 are totally independent, so your answer and SvtPA's one are both correct

upvoted 4 times

SvtPA Highly Voted 4 years, 6 months ago

Copying the form will NOT copy the Business Rule. Solution should be:

Copy the security role as SR2. Assign the SR2 secutiry role to User 2 and remove the original security Role1

Open form F1 and save it as a form named F2

Set the SR1 security role to be the only one for form F1 and the SR2 role to be the only role for Form F2

upvoted 16 times

davy24 4 years, 6 months ago

Correct

upvoted 3 times

marciomanini 4 years, 4 months ago

I agree

upvoted 2 times

jkaur Most Recent 4 years ago

Steps 2,1,4

upvoted 1 times

Karlomanio 4 years, 1 month ago

The instructions state: "NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct order you select." The solution given is correct, but the others mentioned here could also be correct.

upvoted 2 times

Karlomanio 4 years, 1 month ago

I want to change my answer. I agree with hdjd333. The first two steps are correct, but the third should be:

3 - Set the SR1 security role to be the only role for form F1 and the SR2 role to be the only role for form F2.

upvoted 1 times

dj74 4 years, 6 months ago

answer is not correct. There is no need to add a new business rule (the existing rule makes the field mandatory) . What is needed is to add a new role so the users get the correct form.

upvoted 1 times

Question #3 *Topic 4*

An organization implements Dynamics 365 Customer Engagement.
You need to create a Microsoft Flow that runs daily.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

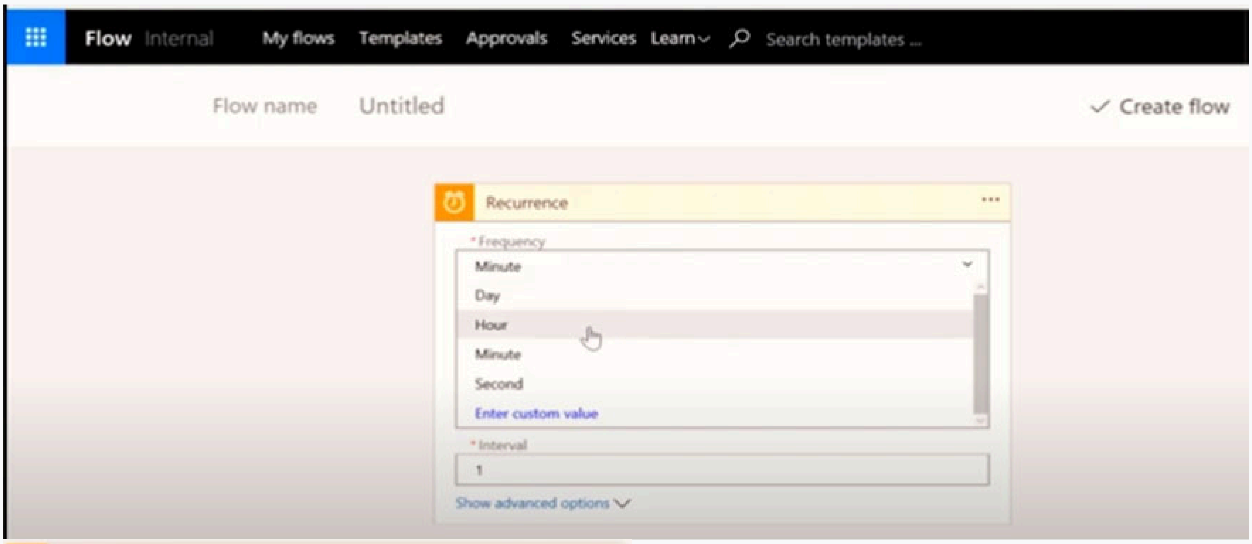
A. Create the flow and set the flow frequency to daily and the interval to 1.

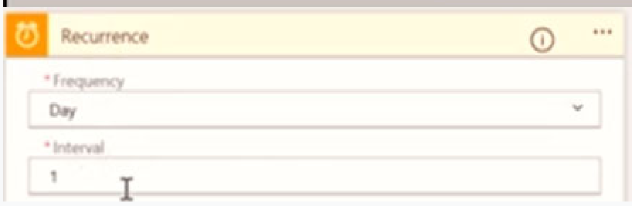
B. Create the flow and set the flow frequency to hourly and the value to 1.

C. Create the flow and set the flow frequency to hourly and the value to 24.

D. Create the flow and set the flow frequency to daily and the interval to 24.

Suggested Answer: *AD*





Extend the user experience

Ash1986 Highly Voted 4 years, 7 months ago
The correct answer is : A, C
upvoted 46 times

ats04 Highly Voted 4 years, 6 months ago
Correct Answer is A,C
upvoted 8 times

Kratinhos Most Recent 2 years, 4 months ago
Even though the MB-400 is now PL-400 this question appeared on my PL-400 exam on 27/8/22 and chose answers A & C. Highly recommended to check MB-400 dump too!
upvoted 1 times

KenCraw 3 years, 7 months ago
D would essentially run every 24 days
upvoted 1 times

raj9947 4 years ago
A,C is correct answer
upvoted 1 times

jkaur 4 years ago
Answer A, C

upvoted 1 times

Fadi365 4 years, 4 months ago

should be A,C, everyday or every 24 hours

upvoted 5 times

sanharshu7 4 years, 5 months ago

Correct option A and C

upvoted 5 times

RobinS 4 years, 6 months ago

Agreed. A, C are the correct answers

upvoted 8 times

Question #1 *Topic 5*

A client requires that the system sends an email from a button on their customer contact form.
You need to call the action from JavaScript.
Which two functions achieve this result? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Xrm.WebApi.online.createRecord()

B. Xrm.WebApi.online.updateRecord()

C. Xrm.WebApi.online.execute()

D. Xrm.WebApi.online.executeMultiple()

Suggested Answer: *C*
You can execute action using Xrm.WebApi.online.execute in Dynamics 365 CRM V9.0.
Reference:
https://carldesouza.com/calling-a-dynamics-365-action-from-javascript-using-xrm-webapi-online-execute/

fvolpe84 Highly Voted 4 years, 6 months ago
D is also correct, the question ask "what 2 functions"
upvoted 19 times

Sherif_Sobhy Highly Voted 4 years, 6 months ago
correct answers : C and D
upvoted 12 times

RaviAjugiya Most Recent 3 years, 9 months ago
Correct answer is C. D is not correct as question says 'Call the action' and not multiple actions
upvoted 1 times

KenCraw 3 years, 7 months ago
Question asks "Which two functions achieve this result?"
upvoted 1 times

jkaur 4 years ago
correct answers : CD
upvoted 4 times

lollo1234 4 years, 4 months ago
The question is a little bit misleading in the wording buuuuut.... I think it is C and D. Since it says "...you need to call the action...". So basically you would create/send the mail inside the Action so you simply need to **call** it via JS. Furthermore you can pass parameters to the action if needed. You can do that via the execute OR the executeMultiple. For the multiple part you would simply call that one action (one request) but it would still work.... right?
upvoted 6 times

Chrissi 4 years, 2 months ago
I agree. I would also say, that the create email activity and send step is contained in the action. So, you need to execute the action or actions to meet the requirement.
Therefore, Answer C and D are correct.
upvoted 2 times

KenCraw 3 years, 7 months ago
This is also what I assume/d. That even though it can be used for multiple, it can technically be used for a single as well (if it works for many, it should work for one... but isn't ideal/proper, just functional)
upvoted 1 times

Sarahh 4 years, 5 months ago
A and C.
Execute Multiple is recommended only if is being executed outside of the platform execution pipeline, such as integration scenarios.

So I believe it should be A to create and email and C to execute sending