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Custom View Settings

Topic 1 - Question Set 1

Question #1 *Topic 1*

A company manages capital equipment for an electric utility company. The company has a SQL Server database that contains maintenance records for the equipment.
Technicians who service the equipment use the Dynamics 365 Field Service mobile app on tablet devices to view scheduled assignments.
Technicians use a canvas app to display the maintenance history for each piece of equipment and update the history.
Managers use a Power BI dashboard that displays Dynamics 365 Field Service and real-time maintenance data.
Due to increasing demand, managers must be able to work in the field as technicians.
You need to design a solution that allows the managers to work from one single screen.
What should you do?

A. Add the maintenance history app to the Field Service Mobile app.

B. Add the manager Power BI dashboard to the Field Service mobile app.

C. Create a new maintenance canvas app from within the Power BI management dashboard.

D. Add the maintenance history app to the Power BI dashboard.

Correct Answer: *D*
Power BI enables data insights and better decision-making, while Power Apps enables everyone to build and use apps that connect to business data. Using the
Power Apps visual, you can pass context-aware data to a canvas app, which updates in real time as you make changes to your report. Now, your app users can derive business insights and take actions from right within their Power BI reports and dashboards.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/powerapps-custom-visual

Community vote distribution
D (100%)

SPLegend Highly Voted 2 years ago
"Due to increasing demand, managers must be able to work in the field as technicians."

This statement clearly says the managers need to work the same way the technicians do, assuming they would in that situation use a tablet like the technicians and would need to follow similar processes/experience I would have thought it would be more logical to add the manager PowerBi to the field service app but restrict the visibility to the managers role. That way they can work the same as a technician would when they need to perform that role, but still have access to the manager reports when needed. More config to do than the other way around but makes more sense to me to have a unified setup - just me?
upvoted 14 times

Maglev 1 year, 5 months ago
Yeah, with D then have to lug a laptop around or awkwardly use the app in the dashboard on a mobile device.
upvoted 1 times

ziggy1117 Most Recent 7 months, 1 week ago
Selected Answer: D
Managers use a Power BI dashboard that displays Dynamics 365 Field Service and real-time maintenance data. Based on this info, Managers have the D365 Field Service scheduling assignments and the SQL Server database maintenance records already. But they do not have the maintenance history.

So adding the maintenance history in the Dashboard would meet the requirement.
upvoted 2 times

QueenOfError 8 months, 3 weeks ago
Based on the given scenario, the correct option would be:

B. Add the manager Power BI dashboard to the Field Service mobile app.

This option allows managers to work from one single screen by adding the Power BI dashboard, which displays Dynamics 365 Field Service and real-time maintenance data, to the Field Service mobile app. By incorporating the Power BI dashboard into the mobile app, managers can access all the necessary information and perform their tasks without switching between different applications. This integration provides a centralized and efficient solution for managers working in the field.
upvoted 2 times

SandeshSandy1 9 months, 3 weeks ago

chatgpt response is option B.
upvoted 2 times

oleav 10 months, 3 weeks ago
Selected Answer: D
Vote for D
https://learn.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-powerapp
upvoted 2 times

jkaur 11 months, 2 weeks ago
D should be the answer.
upvoted 1 times

gverstrepen 1 year, 4 months ago
That would depend on wether the datasource supports DirectQuery, no ?

(https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/powerapps-custom-visual)
Following limitations apply when using the PowerBIIntegration.Refresh() function:
...
You must use a source that supports DirectQuery and the data connection must be created using DirectQuery method.

and according to "https://learn.microsoft.com/en-us/power-bi/connect-data/power-bi-data-sources" Dynamics 365 Field Services is not listed (as far as I can tell) as a datasource the supports DirectQuery.

So this question is seriously open for interpretation in my opinion.
Personnaly I would go for answer "B" in this case, since it seems less constricted by technical requirements
upvoted 1 times

gverstrepen 1 year, 4 months ago
OK, scratch that, should read the question better... PowerBI indeed already has Field Services data. But what about the "PowerBIIntegration.Refresh()" ? According to the documentation this only works if you create a NEW app... Is it necessary to have most up-to-date data in the app ?
upvoted 1 times

dcg85 1 year, 4 months ago
Selected Answer: D
i was thinking B, but is true .. is D, more ease, and less job, put low job in a interface of an upper job than put the upper job in a low interface and configure security
upvoted 2 times

Muzera 1 year, 7 months ago
Selected Answer: D
My guess: D
upvoted 1 times

levoote 1 year, 11 months ago
In exam 02/08
upvoted 1 times

RubenHd 1 year, 11 months ago
Selected Answer: D
Correct D
upvoted 3 times

ansrikanth1 2 years ago
The PowerBI Dashboard already has the Field service + realtime maintenance info. the only thing left is, the history. So add the history to dashboard and they will have everything required to do the job. I think "D" should be correct
upvoted 4 times

cpen210 1 year, 8 months ago
I think it should be B. Technician need to "update" the history.
upvoted 1 times

Muzera 2 years ago
Correct D
upvoted 1 times

fihemal249 2 years, 3 months ago
Why not answer B? Embed the manager's BI report to the model driven app the technicians are using? https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/add-powerbi-visual
upvoted 4 times

ZeroTalent 2 years, 2 months ago
Because this would allow the technicians to see the manager's Power BI dashboard, it would confuse the design and purpose of the model driven app, and the managers would have to change from using the Report to using the App.

It's more appropriate to include the technician's App within the manager's Report so that the managers don't have to change the solution they are currently using and the technicians don't see information unnecessarily.
upvoted 10 times

Bukhari 2 years, 4 months ago
Dumps Answer is correct Add the maintenance history app to the Power BI dashboard.
upvoted 2 times

Vicky12345 2 years, 9 months ago
Why is it not Option C?
upvoted 2 times

jagibe 2 years, 5 months ago
Because you have already developed the app! Why 2 apps?
upvoted 3 times

CreateSiteCollection 2 years, 7 months ago
I believe you can only create app from within Power Apps studio, not from BI.
upvoted 1 times

Mnarmeen 2 years, 9 months ago
Correct
upvoted 3 times

Question #2 *Topic 1*

HOTSPOT -

You work for a staffing company that helps employees fill temporary jobs. Available temporary jobs are categorized and listed on a secure area of the company's website.

The company wants to eliminate manual work that relates to job and candidate management. The company plans to invite employers with available jobs and job candidates to view jobs by sending personalized invitations. The company identifies the following requirements:

- Human resources team members from the staffing company must be able to access the jobs listing and post available positions.
- Employers seeking temporary employees must also be able to access the jobs listing and post available positions.
- Approved job candidates must be notified about new positions for which they are qualified.
- Approved job candidate must have an option to accept a job assignment directly from a notification.

You need to perform a gap analysis against the features and capabilities of the Power Platform.

Which features should you implement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Feature
Create the job listings portal.	Custom self-service portal for employers and a custom page for job candidates Custom self-service portal for both employers and job candidates Portal for job candidates and a custom self-service portal for employers Portal from blank for job candidates and employers
Create an app that lists available positions.	Canvas app with push notifications Model-driven app with push notifications Portal app with push notifications
Create the app for employers who are seeking temporary employees.	Entity from defined on the job custom entity Webform with target set to the job custom entity Web page defined on the job custom entity Web step with target set to the job custom entity
Create invitation parameters for job candidates.	Configure a value for the Assigned to Account option only. Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.
Create invitation parameters for approved job candidates.	Configure a value for the Assigned to Account option only. Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.

Correct Answer:

Answer Area

Requirement	Feature
Create the job listings portal.	Custom self-service portal for employers and a custom page for job candidates **Custom self-service portal for both employers and job candidates** Portal for job candidates and a custom self-service portal for employers Portal from blank for job candidates and employers
Create an app that lists available positions.	Canvas app with push notifications **Model-driven app with push notifications** Portal app with push notifications
Create the app for employers who are seeking temporary employees.	Entity from defined on the job custom entity **Webform with target set to the job custom entity** Web page defined on the job custom entity Web step with target set to the job custom entity
Create invitation parameters for job candidates.	Configure a value for the Assigned to Account option only. **Configure a value for the Execute Workflow on Redeeming Contact option only.** Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.
Create invitation parameters for approved job candidates.	**Configure a value for the Assigned to Account option only.** Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.

Box 1: Custom self-service portal for both employers and job candidates

If you select an environment that contains customer engagement, you can create the following portals:

⇨ Customer self-service portal: A customer self-service portal enables customers to access self-service knowledge, support resources, view the progress of their cases, and provide feedback.

⇨ Partner portal: A partner portal allows every organization with resellers, distributors, suppliers, or partners to have real-time access to every stage of shared activities.

⇨ Employee self-service portal: An employee self-service portal creates an efficient and well-informed workforce by streamlining common tasks and empowering every employee with a definitive source of knowledge.

Box 2: Model-driven app with push notifications

Compared to canvas apps, model-driven apps in PowerApps are based on underlying data a€" specifically, the data stored in Common Data Service (CDS).

Box 3: Webform with target set to the job custom entity

Box 4: Configure a value for the Execute Workflow on Redeeming Contact option only.

Execute Workflow on Redeeming Contact: A workflow process to be executed when the invite is redeemed. The workflow will be passed the redeeming contact as the primary entity.

Box 5: Configure the value for the Assigned to Account option only.

Assign to Account: An account record to be associated as the redeeming contact's parent customer when the invite is redeemed.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/portals/portal-templates https://global.hitachi-solutions.com/blog/canvas-vs-model-driven-apps https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/invite-contacts#invitation-attributes

KAL18 Highly Voted 2 years, 3 months ago

My best guess:

1. Portal from blank

Job is a custom entity. While customer self-service portal enables customers to work with knowledge base, support cases, feedbacks etc.

2. Model-driven app with push notifications
Seems the best available choice

3. Web page defined on the job custom entity
Web page seems a good fit. Other options provided will configure input forms only.

4. Leave both ... empty

5. Configure Assigned to Account and Execute Workflow
Approved job candidate must have an option to accept a job assignment directly from a notification.
Approved job candidates must be notified about new positions for which they are qualified.
upvoted 11 times

AlaCh 7 months, 3 weeks ago
For 3 it is entity form because we can find the lookup entity only in entity form
upvoted 2 times

ppguru 2 years, 1 month ago
1. So what? A custom self-service portal still allows Customization and Extensibility.
3. Employers need to post available positions and access job listings, meaning they need to post / fill in something.
upvoted 2 times

ppguru 2 years, 1 month ago
@KAL18 your answers are wrong. Answer given above are correct.
upvoted 5 times

jkaur Most Recent 11 months, 2 weeks ago
Custom Self-service portal for both employers and employees.
Model-Driven App with push notifications.
Web page defined on the job custom entity
Configure a value for the executing workflow on redeeming contact option only.
Configure a value for the Assigned to Account option only.
upvoted 3 times

jkaur 11 months, 2 weeks ago
The given answer should be correct.
upvoted 2 times

kotaro05 1 year, 1 month ago
So i think the correct is:
1. Custom self service for both
2. Model driven
3. Web page
4. Leave both
5. Configure Assigned to Account
Let me know if anything is wrong
upvoted 2 times

sunnysaru92 12 months ago
you should explain why it is wrong instead of just blindly giving your answers, it just causes more confusion for others. thanks.
upvoted 13 times

Muzera 1 year, 7 months ago
My guess: Portal from blank for both, and others is correct for me
upvoted 1 times

ClairFraser 1 year, 9 months ago
2 - I think that app that lists available positions must be a canvas app - this app is intended for external users, so it is not recommended for it to be model-driven - I would never have allowed it anyway
upvoted 3 times

Muzera 1 year, 7 months ago
Push notifications is only available in model driven apps
upvoted 5 times

MelMac 4 months ago
Canvas Apps allow push notifications - https://learn.microsoft.com/en-us/power-apps/mobile/power-apps-mobile-notification [this might be a new feature since the question was originally written and responded to]
upvoted 1 times

MarlyB 2 years, 2 months ago
In exam 17/12
upvoted 1 times

fihemal249 2 years, 3 months ago
I dont understand the reasoning for q4 and q5. Are they correct at all?

upvoted 1 times

kvinal 2 years, 8 months ago
I am unsure of the answer for 1, the rest I think makes sense.
upvoted 1 times

Caloy 2 years, 9 months ago
Why is it model driven apps? I believe it is a portal apps
upvoted 4 times

fihemal249 2 years, 3 months ago
I think this is because the push notifications must come from a model driven app: https://docs.microsoft.com/en-us/powerapps/mobile/power-apps-mobile-notification https://www.inogic.com/blog/2021/02/push-notifications-for-dynamics-365-apps-and-canvas-apps-power-apps/. I dont see portal apps in the IOS power apps app to use for push notifications.
upvoted 4 times

ppguru 2 years, 1 month ago
Portal apps is not a thing.
upvoted 2 times

Puneet80 2 years, 11 months ago
I am not sure about what type of portal to choose for the first option, Rest is correct.
upvoted 4 times

Puneet80 2 years, 11 months ago
I am note sure about what type of portal to choose for the first option, Rest are correct.
upvoted 2 times

FDC 2 years, 11 months ago
Can anyone confirm the answers 1,3,5 are corrects ?
upvoted 2 times

Puneet80 2 years, 11 months ago
Answer for 3 is Entity Form defined on Job Entity because you don't define Web Page on Entity level it is portal configuration, Web form doesn't have Entity to target and Webstep has entity form targeted but its overkill when Entity form can satisfy the requirement.
upvoted 7 times

rrodriguez 2 years, 7 months ago
"Employers seeking temporary employees must also be able to access the jobs listing and post available positions."

A web page is the best option since they must access a LIST of jobs, a web form only expresses a dataverse form to be filled out. the web page you can set the ENTITY LIST.
upvoted 9 times

luvasgloves 2 years, 5 months ago
i think 3 is web page as well
upvoted 4 times

fihemal249 2 years, 3 months ago
Web page on entity seems right to me here as well
upvoted 2 times

Question #3 *Topic 1*

HOTSPOT -

You create a suite of Power Platform-based order management canvas apps for a bakery that has five retail stores. Each store uses a tablet device to manage inventory and process orders.

You need to make the following changes to the original order tracking app:

When an online order for delivery is received, send the order to the bakery that is located closest to the order destination.

▪

➾ When an online order for pickup is received, require store staff to enter an estimated time in an app. Staff must prepare the order and then use the app to notify the customer when the order is ready.

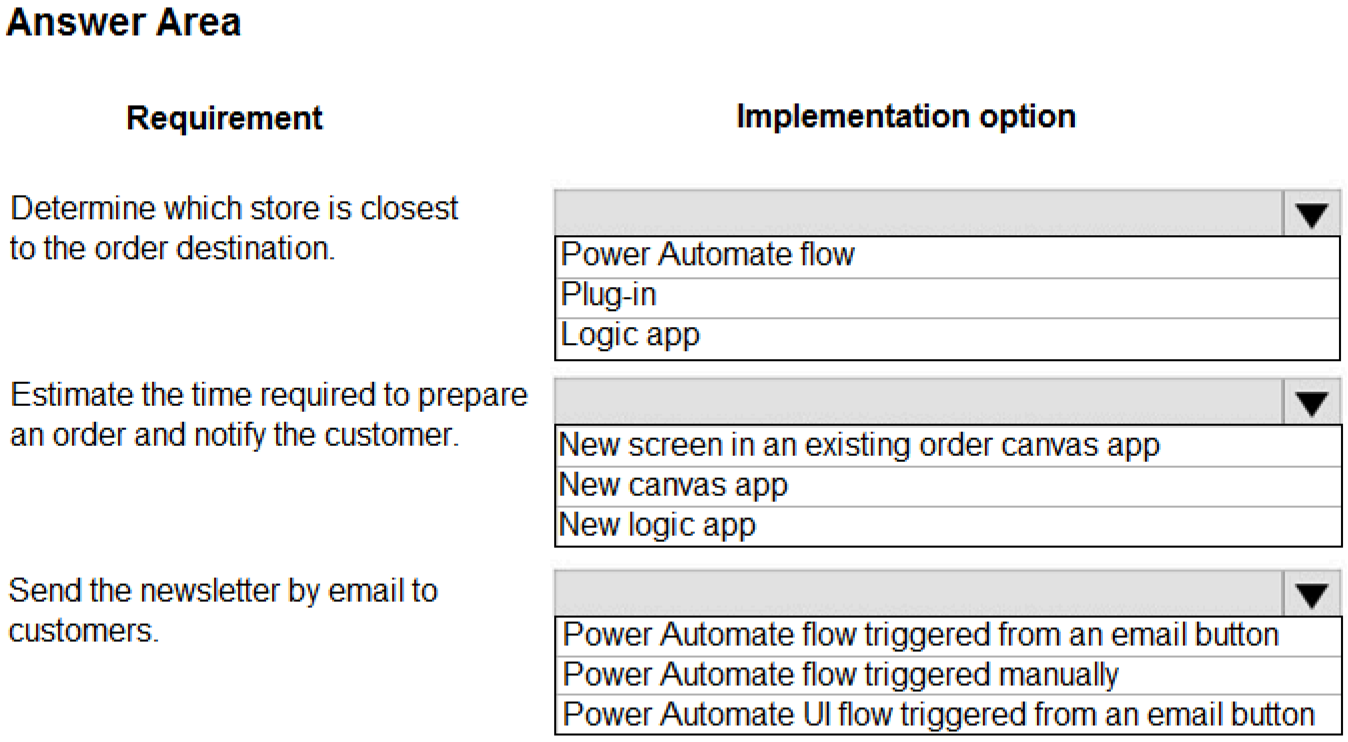
➾ Allow the store manager to personalize the company's corporate weekly newsletter and add store-specific specials.

You must minimize the amount of custom code and configuration required to implement the solution.

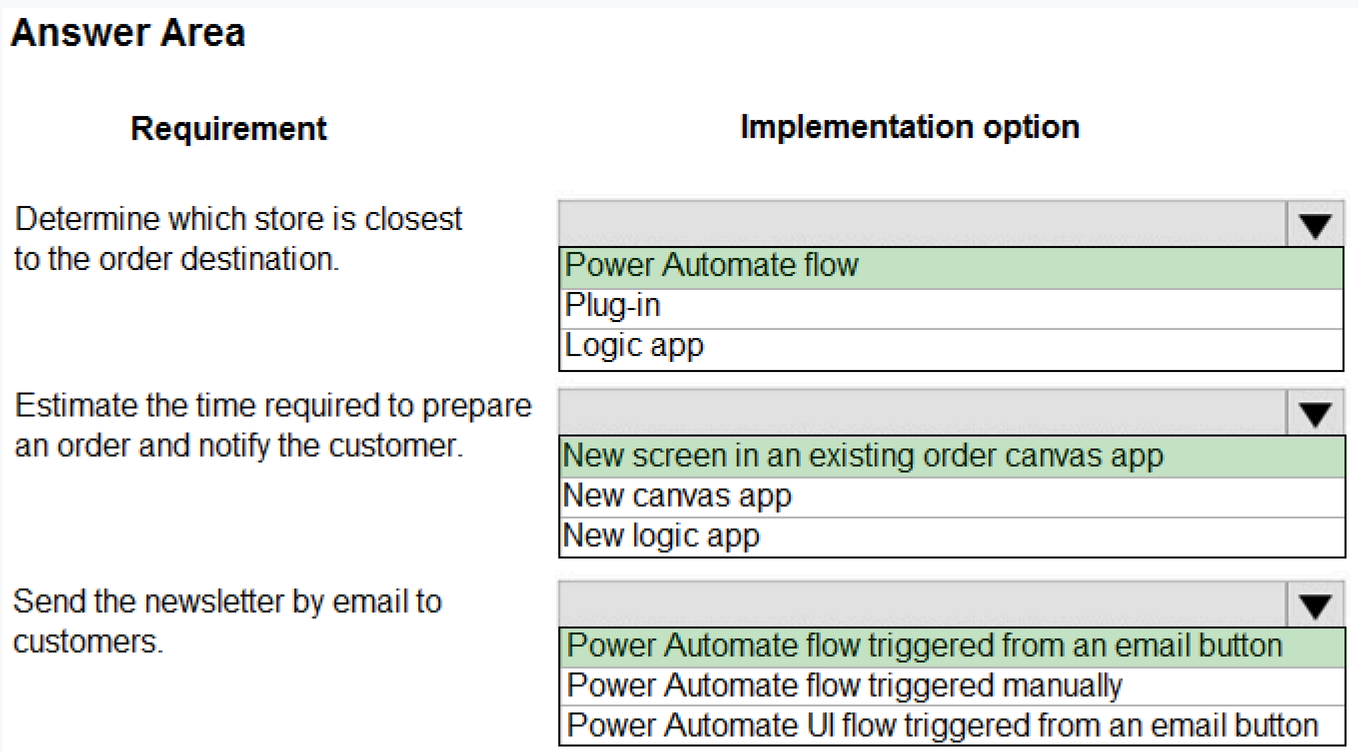
What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Power Automate flow -

Do you want to get the user's location whose location is closest to the current device, then use key is to use Bing Map connector.

The Bing Map connector is available in the following products and regions:

Service	Class	Regions
Logic Apps	Standard	All Logic Apps regions except the following: - Azure China regions
Power Automate	Standard	All Power Automate regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet
Power Apps	Standard	All Power Apps regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet

Box 2: New screen in an existing canvas app
Box 3: Power Automate flow triggered from an email button
Incorrect Answers:
UI flows brings Robotic Process Automation (RPA) capabilities to Power Automate. You can use UI flows to automate repetitive tasks in Windows and Web applications. UI flows records and plays back user interface actions (clicks, keyboard input, etc.)
Reference:
https://docs.microsoft.com/sv-se/connectors/bingmaps/

wwwtmmm Highly Voted 2 years, 1 month ago
Trigger manually
upvoted 16 times

Jamessmith13 Most Recent 2 months ago
Passed with 92%. Many questions from here about 65% questions are from pass4surehub. Total 47 questions including 1 case study. Most of the default answers are wrong. Pay attention to the comments section. https://shorturl.at/fjqF9
Thanks to ET!!
upvoted 1 times

SanderDev 3 months ago
Correct answers:
A: no code solution
A: there's an already existing canvass app
B: this can be triggered from the power automate app. No need to implement trigger logic
upvoted 1 times

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 3 times

jkaur 6 months, 3 weeks ago
Answers:
A
B
A
upvoted 2 times

Muzera 1 year, 7 months ago
Correct
upvoted 1 times

Jens128 2 years, 1 month ago
I would use a logic app for 1. Why should it run in a user context (aka Power Automate), when you can have it run in a service context?
upvoted 1 times

Pangoober 1 year, 11 months ago
I think because it says that "You must minimize the amount of custom code and configuration required to implement the solution."
upvoted 10 times

60919_S 2 years, 1 month ago
what is the answer ?
upvoted 1 times

stokazz 2 years, 2 months ago
Not sure about the third question; What's the difference between "Power Automate flow triggered from an email button" and "Power Automate flow triggered manually" ? thanks
upvoted 3 times

Orlyf1987 2 years, 2 months ago

Trigger manually usually refers to a SharePoint item in a list where you can trigger it from.

upvoted 1 times

christosp619 2 years, 2 months ago

in exam 14/12/2021

upvoted 1 times

Question #4 *Topic 1*

A company has an application that provides API access. You plan to connect to the API from a canvas app by using a custom connector.
You need to request information from the API developers so that you can create the custom connector.
Which two types of files can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. YAML

B. WSDL

C. OpenAPI definition

D. Postman collection

Correct Answer: *CD*
OpenAPI definitions or Postman collections can be used to describe a custom connector.
Reference:
https://docs.microsoft.com/en-us/connectors/custom-connectors/faq

Community vote distribution
CD (100%)

fihemal249 Highly Voted 2 years, 3 months ago
Selected Answer: CD
View: https://docs.microsoft.com/en-us/connectors/custom-connectors/faq
upvoted 10 times

Jamessmith13 Most Recent 2 months ago
Passed with 92%. Many questions from here about 65% questions are from pass4surehub. Total 47 questions including 1 case study. Most of the default answers are wrong. Pay attention to the comments section. https://shorturl.at/fjqF9
Thanks to ET!!
upvoted 1 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 1 times

jkaur 11 months, 2 weeks ago
Should be CD
upvoted 1 times

rober13 1 year, 2 months ago
Selected Answer: CD
I have tried both options.
upvoted 1 times

No_Doubt 1 year, 3 months ago
Selected Answer: CD
Postman Collection v2 is available as of Oct 2021.
OpenAPI 2.0 is currently supported. Support for OpenAPI 3 is in the backlog.
upvoted 2 times

zukito3 1 year, 5 months ago
Correct, https://docs.microsoft.com/en-us/training/modules/use-custom-connectors-in-powerapps-canvas-app/2-overview-custom-connector-lifecycle
upvoted 1 times

Muzera 1 year, 7 months ago
Selected Answer: CD
CD Correct
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

CinthiaN 2 years ago

Selected Answer: CD

Correct

upvoted 2 times

CinthiaN 2 years ago

Selected Answer: CD

Correct

upvoted 1 times

christosp619 2 years, 2 months ago

in exam 14/12/2021

upvoted 1 times

Bukhari 2 years, 4 months ago

CORRECT

upvoted 1 times

AzureXin 2 years, 3 months ago

Galit yan?

upvoted 1 times

kapitansugat 2 years, 4 months ago

Correct

upvoted 1 times

dbaguypw 2 years, 8 months ago

Correct

upvoted 2 times

Question #5 *Topic 1*

You plan to create a canvas app to manage large sets of records. Users will filter and sort the data.
You must implement delegation in the canvas app to mitigate potential performance issues.
You need to recommend data sources for the app.
Which two data sources should you recommend? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. SQL Server

B. Common Data Service

C. Azure Data Factory

D. Azure Table Storage

Correct Answer: *AB*
When you are creating reports from large data sources (perhaps millions of records), you want to minimize network traffic.
Working with large data sets requires using data sources and formulas that can be delegated. It's the only way to keep your app performing well and ensure users can access all the information they need. Delegation is supported for certain tabular data sources only.
These tabular data sources are the most popular, and they support delegation:
- Common Data Service
- SharePoint
- SQL Server

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

Community vote distribution
AB (96%) 4%

Mohor Highly Voted 2 years, 8 months ago
A. SQL Server
B. Common Data Service
upvoted 36 times

Grazzz Highly Voted 2 years, 8 months ago
I would have gone for A and B too. Explanation does not mention Azure data lakes..!?
upvoted 8 times

jkaur Most Recent 11 months, 2 weeks ago
Should be AB
upvoted 1 times

jkaur 11 months, 2 weeks ago
Should be CD.
upvoted 1 times

No_Doubt 1 year, 3 months ago
Selected Answer: AB
In exam option B will be "Microsoft Dataverse"

Delegation is supported for certain tabular data sources only. If a data source supports delegation, its connector documentation outlines that support. For example, these tabular data sources are the most popular, and they support delegation:

Power Apps delegable functions and operations for Microsoft Dataverse
Power Apps delegable functions and operations for SharePoint
Power Apps delegable functions and operations for SQL Server
Power Apps delegable functions and operations for Salesforce
upvoted 7 times

Shradz93 1 year, 6 months ago
In explanations you are providing AB option and marking correct option as AC. What is the meaning to subscribe if you are team is that careless?
upvoted 3 times

AvinashGardas 1 week ago
so true man! WTF is wrong with them>?
upvoted 1 times

omar1988 5 months, 3 weeks ago
man same proplem other sources dump questions saying different answers its really frustrating
upvoted 1 times

Muzera 1 year, 7 months ago
Selected Answer: AB
AB Of Course
upvoted 1 times

JainS 1 year, 8 months ago
@ExamTopics,
The justification, you had given is also saying SQL Server & Common Data Service. While you had marked SQL Server and Azure Data Factory.
Any Specific Reason?
upvoted 3 times

ClairFraser 1 year, 9 months ago
Selected Answer: AB
see here: https://docs.microsoft.com/en-us/power-apps/maker/canvas-apps/delegation-overview
upvoted 1 times

powerMaster 1 year, 11 months ago
Selected Answer: AB
A,B its all About delegatiom
upvoted 2 times

christianMa 1 year, 11 months ago
Selected Answer: AB
should be A and B!
upvoted 1 times

PBIAANF 1 year, 11 months ago
Selected Answer: B
100% AB
upvoted 1 times

ansrikanth1 2 years ago
Moderator/Admin - Answer explanation says A&B are the answer where as the actual answer showing is A&C, please correct..
upvoted 4 times

ppguru 2 years ago
Selected Answer: AB
Delegation is supported for certain tabular data sources only. If a data source supports delegation, its connector documentation outlines that support. For example, these tabular data sources are the most popular, and they support delegation:

Power Apps delegable functions and operations for Microsoft Dataverse
Power Apps delegable functions and operations for SharePoint
Power Apps delegable functions and operations for SQL Server
Power Apps delegable functions and operations for Salesforce
reason 1--> Azure data factory is not mentioned in MS documentation
reason 2 --> Azure is not an actual data (questions asks for data sources) source but ETL a service for scale-out serverless data integration and data transformation.
https://docs.microsoft.com/en-gb/powerapps/maker/canvas-apps/delegation-overview
upvoted 1 times

MKap 2 years, 1 month ago
Hi guys, A general question what does the answer in yellow "Selected answer: AB" mean?
upvoted 1 times

Ami_Nou 2 years, 1 month ago
It means it's a voting comment and they voted for AB
upvoted 1 times

Haberar 2 years, 2 months ago
In exam december 2021
upvoted 1 times

christosp619 2 years, 2 months ago
in exam 14/12/2021
upvoted 2 times

Question #6 *Topic 1*

HOTSPOT -

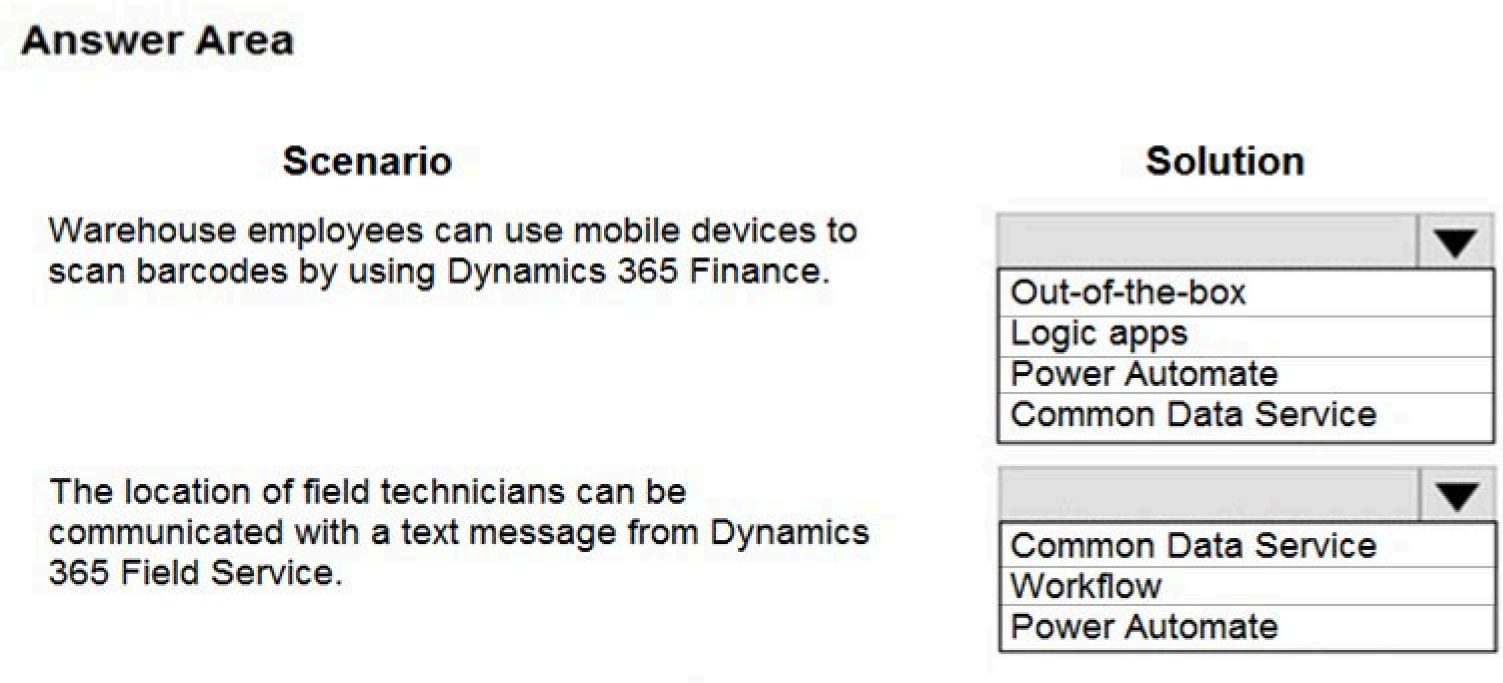
A client is deploying Dynamics 365 Finance without any third-party add-ons.

You need to select the appropriate solutions for the client.

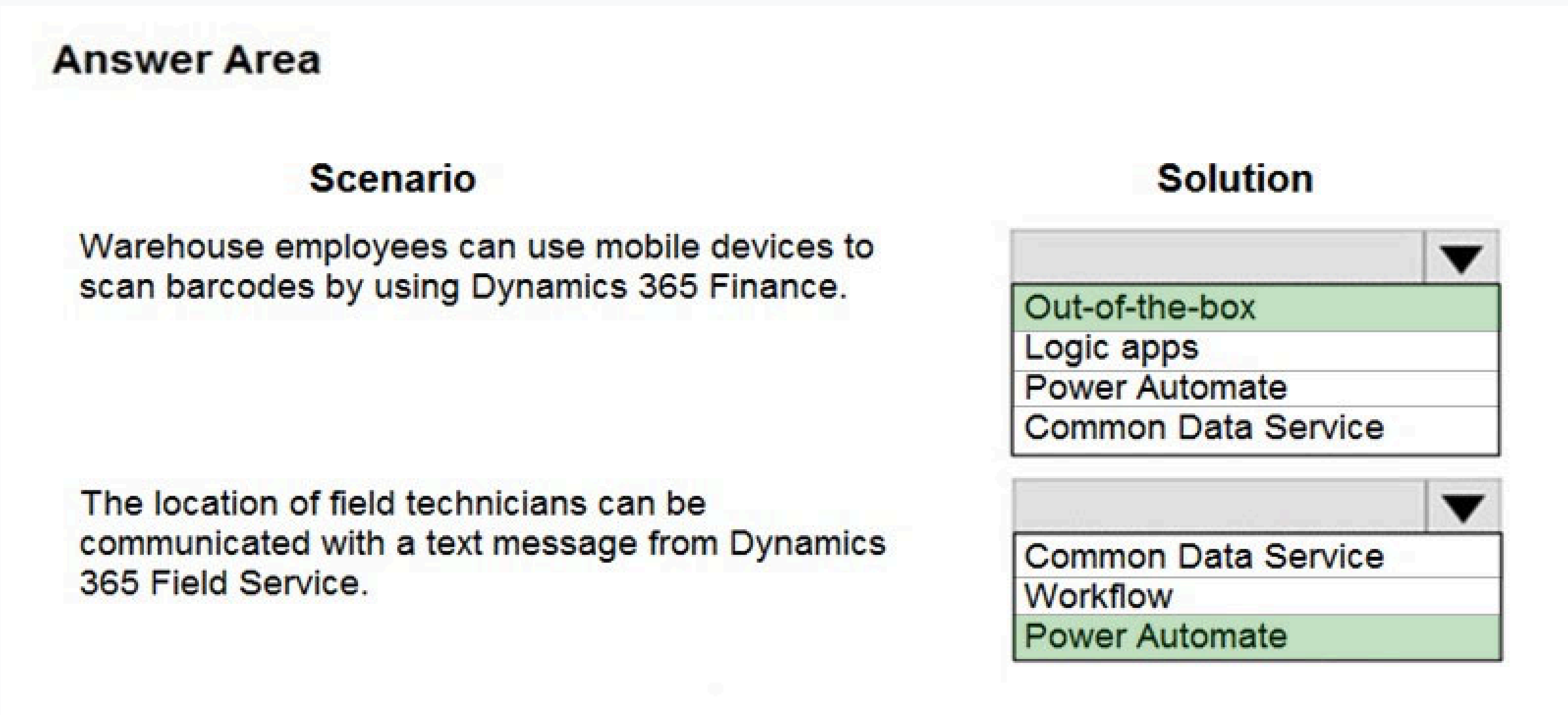
What should you select? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Out-of-the-box -

Technicians can use the Field Service (Dynamics 365) mobile app to scan barcodes.

Box 2: Power Automate -

Administrators can replace Dynamics 365 workflows with Power Automate flows for Field Service Mobile processes like geofencing, geofence alerts, and push notifications.

By using Power Automate for Field Service Mobile processes, you can:

Connect and run workflows within Dynamics 365 and between other outside applications.

Delete records and schedule jobs.

Perform robust approvals.

Reference:

https://docs.microsoft.com/en-us/dynamics365/field-service/mobile-power-app-system-barcode-scanning https://docs.microsoft.com/en-us/dynamics365/field-service/mobile-workflow-to-flow

DM456 Highly Voted 2 years, 6 months ago

My guess here is Out-of-box, Power Automate. From what I remember a standard workflow can send out emails but it can't send SMS. Am I wrong here?

upvoted 36 times

KrishEXM 4 months, 3 weeks ago

Mobile app for barcose scanning is an out of the box solution in Dynamics 365 field service. You are right Power Automate need a connector like Twilio or other sms gateways.

upvoted 1 times

Medupi 2 years, 5 months ago

That was my guess too

upvoted 3 times

Stev 2 years, 6 months ago

You are right. In addition, the supplied links they provided takes you to a document about replacing workflows with Power Automate flows.

upvoted 6 times

Bukhari Highly Voted 2 years, 4 months ago

Correct Answers are Out-of-box and Power Automate.

upvoted 17 times

Barb123 Most Recent 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 5 times

RamP_TSTR 10 months, 1 week ago

Out of box and Power Automate
https://learn.microsoft.com/en-us/dynamics365/field-service/reminders-arrival-time

upvoted 1 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 2 times

jkaur 11 months, 2 weeks ago

Out-of-box, Power Automate

upvoted 1 times

DimpleG 1 year ago

My thought, Dynamics Finance does not provide out-of box feature of scanning, whereas Dynamics Field Service can scan and read QR codes, which can be used to access work order and inventory information.

upvoted 1 times

Muzera 1 year, 7 months ago

OOB and PA

upvoted 1 times

pkatsa 1 year, 9 months ago

in exams 24/5

upvoted 1 times

hppp 1 year, 11 months ago

Common Data Service because "A client is deploying Dynamics 365 Finance without any third-party add-ons."
https://blog.magnetismsolutions.com/blog/satyvirjasra/2017/10/02/how-to-scan-barcode-labels-in-microsoft-dynamics-365#:~:text=Microsoft%20Dynamics%20365%20comes%20with,using%20their%20phones%20and%20tablets.

Power Automate: You can integrate with Twilio, for example, and send text messages.

upvoted 1 times

Jens128 2 years, 1 month ago

In the first answer they talk about Dynamics 365 FINANCE which does not have the barcode scanner (its part of the Field Service App). So shouldnt it be Common Data Service as you have to extend the model driven app?

upvoted 3 times

Mb200Istaken 1 year, 9 months ago

https://docs.microsoft.com/en-us/dynamics365/supply-chain/warehousing/scan-bar-codes-using-a-camera

upvoted 2 times

Mooskito 2 years, 2 months ago

I guest the responses are Out-of-box and Power Automate

upvoted 4 times

MarlyB 2 years, 2 months ago

In exam 17/12

upvoted 1 times

northstar88 2 years, 5 months ago

Why is Workflow the correct choice here? Workflow is getting replaced by Flow/Power Automate right? Is the answer outdated?

upvoted 2 times

niloySubs 2 years, 5 months ago

dynamics can't send sms of its own. answer to second question can't be workflow.
Power Automate is better choice.

upvoted 2 times

Question #7 *Topic 1*

DRAG DROP -

A company uses Microsoft 365. You are developing a model-driven app.

The app must meet the following requirements:

➾ Use SharePoint Online for document storage.

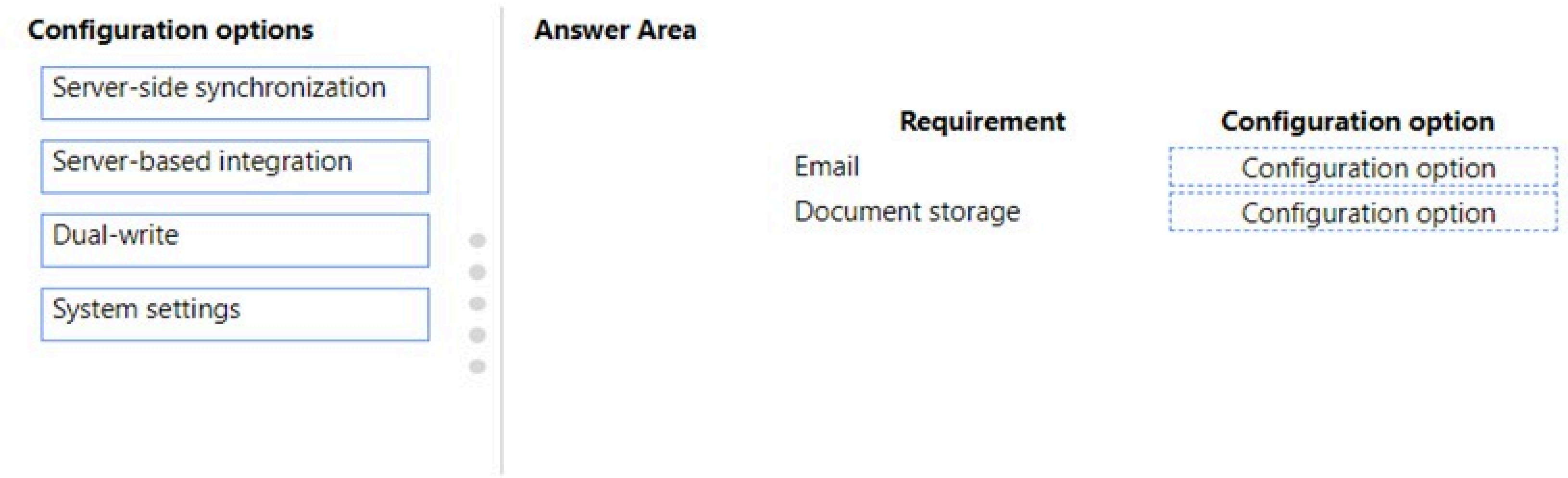
➾ Send emails by using Exchange Online.

You need to configure integrations.

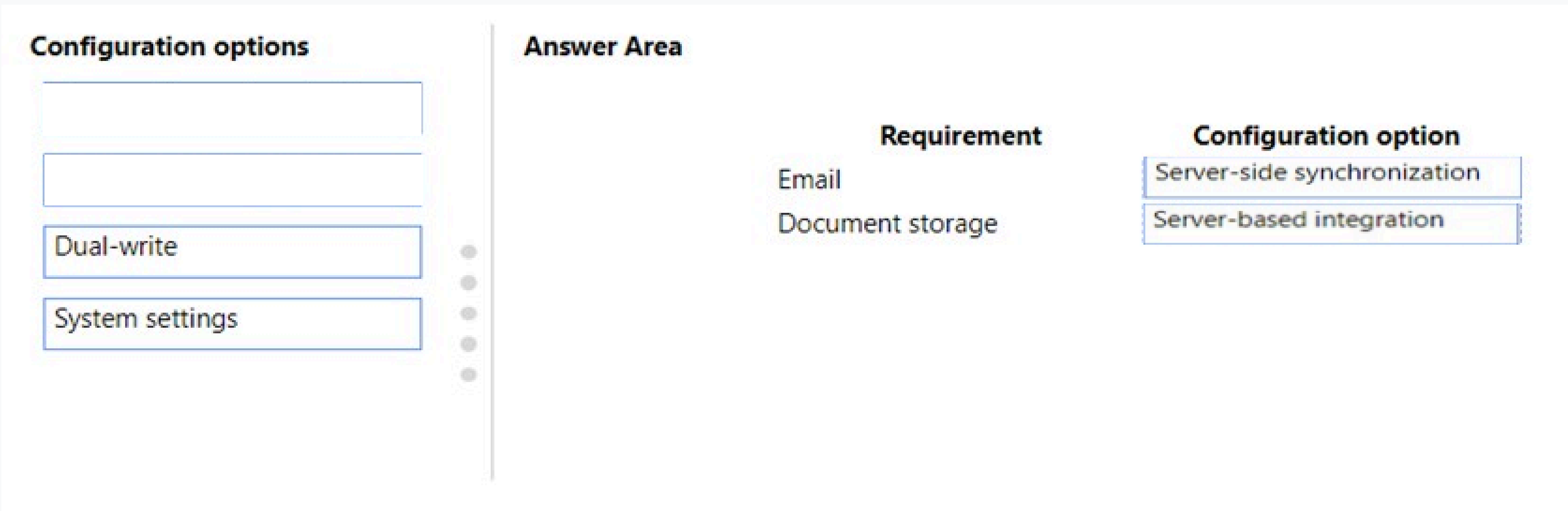
What should you configure? To answer, drag the appropriate configuration options to the correct requirements. Each configuration option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: Server-side syncrhonization

Configure default email processing and synchronization: set server-side synchronization to be the default configuration method for newly created users.

Box 2: Server-side integration.

If your organization is already using document management with Microsoft Dynamics CRM List Component, you must switch to server-based SharePoint integration.

If your organization has not deployed document management, when a System Administrator logs in an alert message will be displayed to enable server-based

SharePoint integration.

haoest 2 weeks, 3 days ago

good lord all these artificial technical terms you are supposed to remember.

upvoted 4 times

Ayan1991 1 month ago

Correct

upvoted 1 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 3 times

whiteblack 9 months, 3 weeks ago

Correct

upvoted 2 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 2 times

jkaur 11 months, 2 weeks ago
Correct
upvoted 1 times

KrishEXM 1 year ago
It is right
upvoted 1 times

Ana20 1 year, 1 month ago
Correct
upvoted 1 times

Adi2910 1 year, 2 months ago
Yes the answer is correct
upvoted 2 times

sdgsd 1 year, 3 months ago
Is it right?
upvoted 1 times

Question #8 *Topic 1*

A company plans to create an order processing app. When orders are created, the app will perform complex business logic and integrate with several external systems.
Orders that have a large number of line items may take up to six minutes to complete. Processing for each order must be completed in one operation to avoid leaving records in an incomplete state.
You need to recommend a solution for the company.
What should you recommend?

A. an asynchronous workflow that uses a custom workflow activity

B. a real-time workflow that uses a custom action

C. a webhook that connects to an Azure Function

D. an asynchronous plug-in

Correct Answer: *B*
Real-time Workflows roll back all changes if it fails. As the Workflow is going through the process itself, if it fails, it will roll back all of the prior steps taken.
Incorrect Answers:
A: With Background Workflows, actions will not roll back if it fails. All changes are up-to-date until the failure occurs. The workflow will stop at this point due to the failure.
Reference:
https://ledgeviewpartners.com/blog/what-are-the-differences-between-real-time-and-background-workflows-in-microsoft-dynamics-365-crm/

Community vote distribution
C (79%) B (21%)

BunkMoreland Highly Voted 2 years, 5 months ago
Definitely C.
Custom actions have a 2 min timeout.
This can be implemented using webhook and Azure function where the Azure function uses batch operations Web API which enables transactional operations and can run more than 2 mins
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/execute-batch-operations-using-web-api
upvoted 34 times

ViipiinTyagi Highly Voted 2 years, 2 months ago
Selected Answer: C
C seems correct
upvoted 7 times

NyarukouSAMA Most Recent 5 months, 1 week ago
Selected Answer: C
Sandbox limitation is 2 minutes, and here said that execution could take up to 6 minutes. So it should be C.
upvoted 1 times

omar1988 5 months, 3 weeks ago
what answer is the right answer ? most of websites saying its a realtime and you guys saying here webhook its really confusing and i dont know how i can pass if this website answering wrong or right
upvoted 3 times

Barb123 6 months, 3 weeks ago
In exam 02.08.2023
upvoted 2 times

MissWangBeHappy 11 months, 1 week ago
ChatGPD said D. C is a possible solution, but not best
upvoted 2 times

MissWangBeHappy 11 months, 1 week ago
ChatGPD changed mind, should C since D may cause delays in processing if there are a large number of line items to process, which could result in incomplete records.
upvoted 2 times

ziggy1117 7 months, 1 week ago

it can never be asynchronous because the requirement said it needs to be done in one operation. asynch means it can be done in many operations running at different times
upvoted 1 times

jkaur 11 months, 2 weeks ago
C should be correct
upvoted 1 times

gmanunta81 11 months, 4 weeks ago
I checked also in measure up website teh solution is C webhook and azure functions
upvoted 5 times

DenisRossi 1 year, 1 month ago
Selected Answer: B
"Processing for each order must be completed in one operation to avoid leaving records in an incomplete state"

Real-time workflow action is the only option that will roll back if it fails and avoid leaving record in an incomplete state.
upvoted 3 times

ZBG 1 year, 1 month ago
Check out this doc : https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/create-own-actions?view=op-9-1
Have a look on "Watch Out" section. It says no limit for Custom Action in real time workflow. But below that statement there is a tip "long running operations should be run outside of Crm 365". I would go for B but in real life I would push C as much as I can
upvoted 2 times

Ameen 1 year, 1 month ago
Selected Answer: C
C is the correct answer
upvoted 1 times

Fyrus 1 year, 2 months ago
Selected Answer: C
2 min timeout for plugins, CWA etc... You can go with C by just excluding the other 3 options
upvoted 1 times

No_Doubt 1 year, 3 months ago
Selected Answer: C
Due to the 2 min timeout, answer is C
upvoted 2 times

myisafe 1 year, 5 months ago
Selected Answer: B
C looks overkill with azure function. this is power platform exam. not azure.
upvoted 1 times

gmanunta81 11 months, 1 week ago
it is not correct in my opinion
upvoted 1 times

No_Doubt 1 year, 3 months ago
A webhook is registered using the plugin registration tool, what's the problem?
upvoted 1 times

Muzera 1 year, 7 months ago
Selected Answer: C
My guess: C
upvoted 1 times

Anks123 1 year, 7 months ago
Answer should be:
A. an asynchronous workflow that uses a custom workflow activity

Async workflow has no timeout and custom workflow activity runs in a transaction.
upvoted 1 times

zarooch 1 year, 9 months ago
everyone forgot on-prem? timeouts? what timeouts..
I know I know given the certification and exam context these days, so yeah could be that the given answer is indeed correct.
upvoted 2 times

Question #9 *Topic 1*

HOTSPOT -

You work for a not-for-profit agency that manages business processes by using Power Platform custom entities.

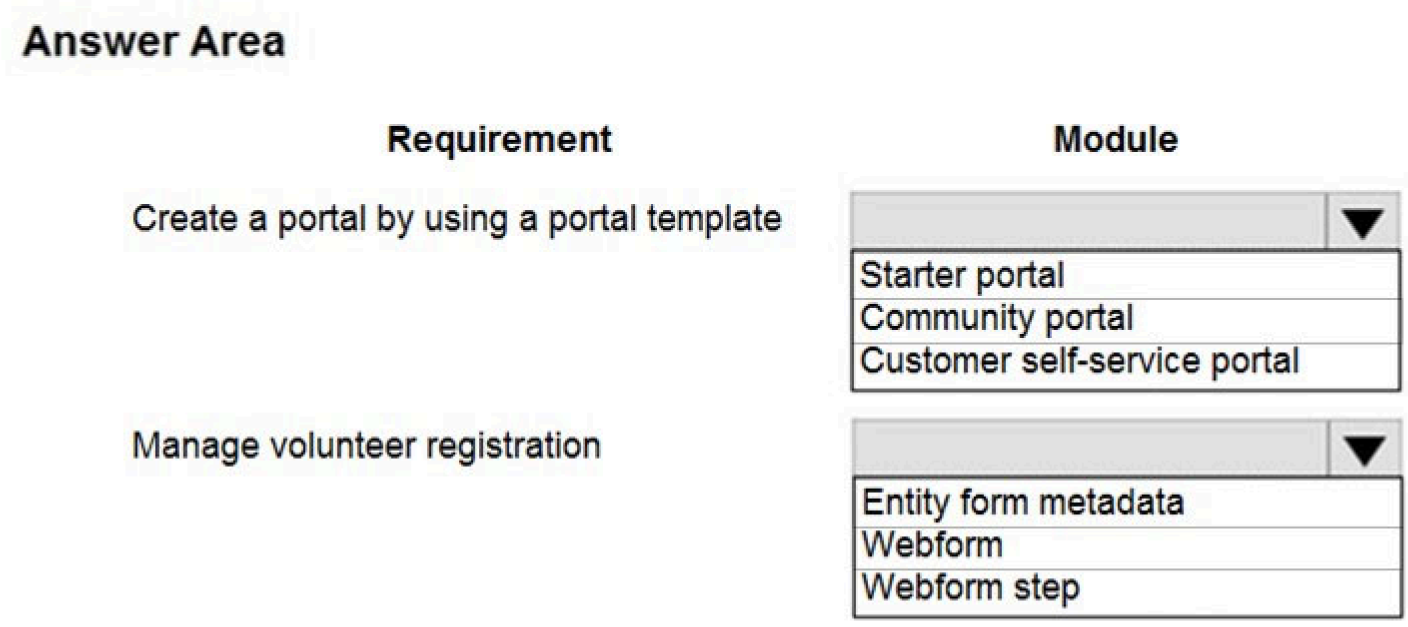
Volunteer registration and onboarding are manual processes that include multiple related entities.

You need to implement a portal solution that replaces the manual processes.

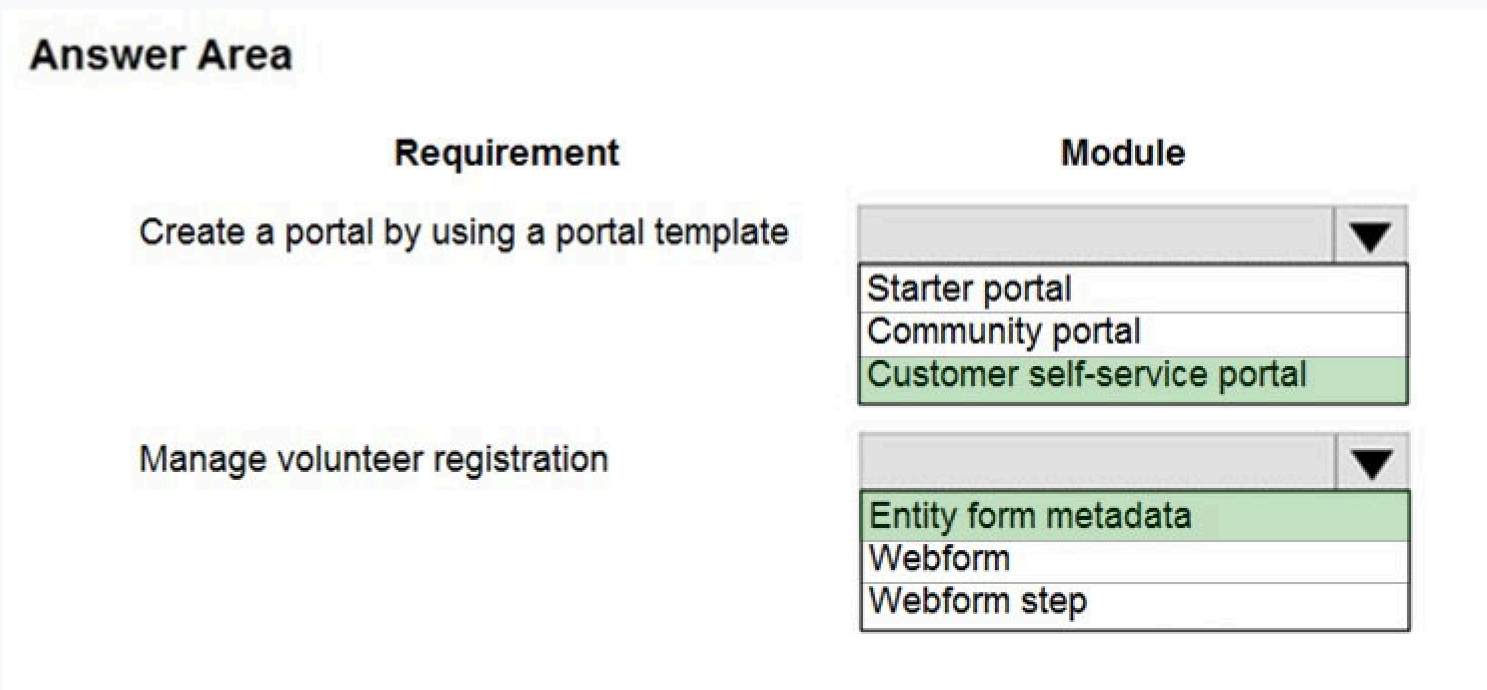
Which modules should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Customer self-service portal

Customer self-service portal: A customer self-service portal enables customers to access self-service knowledge, support resources, view the progress of their cases, and provide feedback.

Incorrect Answers:

⇨ Community portal: A community portal leverages peer-to-peer interactions between customers and experts to organically grow the catalog of available knowledge from knowledge base articles, forums, and blogs as well as providing feedback through comments and ratings.

⇨ Starter portal: If you select an environment that contains Microsoft Dataverse, you can create a Dataverse starter portal. The Dataverse starter portal comes with the sample data for you to quickly get started. It also has the following built-in sample pages:

Default studio template -

Page with title -

Page with child links -

Box 2: Entity form metadata -

The Advanced Form Metadata contains additional behavior modification logic to augment or override the functionality of form fields that is otherwise not possible with native basic form editing capabilities.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/portal-templates https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/configure-web-form-metadata

BunkMoreland Highly Voted 2 years, 5 months ago
Second one should be Web form as it allows for multiple entities which is what the question's scenario is based on - 'Volunteer registration and onboarding are manual processes that include multiple related entities.'
upvoted 29 times

khushh Highly Voted 2 years, 6 months ago
Answer will be C and B
upvoted 19 times

jkaur Most Recent 7 months, 2 weeks ago
C(https://learn.microsoft.com/en-us/power-apps/maker/portals/portal-templates) and B
upvoted 1 times

ryanperrymba 1 year, 3 months ago
A bit perplexed as to why the first answer is not 'Starter Portal' given this specifies custom entities, and is not using a D365 OOB app.
upvoted 4 times

Muzera 1 year, 7 months ago
My guess: C and B
upvoted 1 times

ppguru 2 years, 1 month ago
Answer is correct: The Advanced Form Metadata contains additional behavior modification logic to augment or override the functionality of form fields that is otherwise not possible with native basic form editing capabilities.
upvoted 1 times

disda1n 2 years, 1 month ago
Entity Form is Basic Form. It's technically not wrong, as Entity Form Metadata allows for subgrids of the related tables to include CRUD operations. Either way, the question doesn't indicate any behavior modification is needed. It focuses on a manual effort with multiple related tables. Yes, form metadata may be included, but the overall solution for the problem is a complete Web Form (with Steps, Metadata, etc.) due to related tables.
upvoted 4 times

MarlyB 2 years, 2 months ago
In exam 17/12
upvoted 2 times

Bukhari 2 years, 4 months ago
Correct C and B
upvoted 7 times

Question #10 *Topic 1*

You are implementing custom business logic in a Power Apps portal.
You need to use Liquid templates to display dynamic content.
To which three entities can you include Liquid code? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Content snippet

B. Web page

C. Web template

D. Page template

E. Portal settings

Correct Answer: *BCD*
Liquid is an open-source template language integrated into portals. It can be used to add dynamic content to pages, and to create a wide variety of custom templates. Using Liquid, you can:
➾ Add dynamic content directly to the Copy field of a webpage or the content of a content snippet.
➾ Store source content by using web templates, entirely through configuration within Power Apps, for use throughout the Power Apps portals content management system.
➾ Render a website header and primary navigation bar, entirely through configuration within Power Apps.
Note: page is one of the available liquid objects.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-overview https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-objects#page

Community vote distribution
ABC (100%)

Hugolini Highly Voted 2 years, 6 months ago
ABC.

"Liquid code can be used anywhere in the portals where HTML or text content can be entered, including web templates, webpages, and content snippets."
https://docs.microsoft.com/en-us/learn/modules/liquid-template-language/1-introduction
upvoted 36 times

P_r_i_y_a_n_k_a_0_8 1 year, 3 months ago
whether Your options are correct in exam ?
upvoted 2 times

MelMac Most Recent 4 months ago
Selected Answer: ABC
Using Liquid, you can:

Add dynamic content directly to the Copy field of a webpage or the content of a content snippet.

Build custom web templates, for use throughout the Power Pages content management system.

Render a website header and primary navigation bar, entirely through configuration within Power Apps.

https://learn.microsoft.com/en-us/power-pages/configure/liquid/liquid-overview
upvoted 1 times

omar1988 6 months, 2 weeks ago
BCD the right ones These three entities allow you to include and manipulate Liquid code to display dynamic content on your Power Apps portal.
upvoted 1 times

jkaur 11 months, 2 weeks ago
ABC should be
upvoted 1 times

Shaowei 11 months, 3 weeks ago
Answer is correct. You will find the three folders here after you download the source code.
upvoted 2 times

Badboy69 6 months, 2 weeks ago

justify it

upvoted 2 times

gmanunta81 11 months, 4 weeks ago

In measure up website I found as solution ABC

upvoted 1 times

DenisRossi 1 year, 1 month ago

Selected Answer: ABC

ABC
https://docs.microsoft.com/en-us/learn/modules/liquid-template-language/1-introduction

upvoted 1 times

SAIVEENA 1 year, 4 months ago

ABC.
https://learn.microsoft.com/en-us/power-apps/maker/portals/liquid/liquid-overview

upvoted 1 times

SD29 1 year, 6 months ago

ABC is the correct answer

upvoted 1 times

PradipJad 1 year, 6 months ago

Liquid is an open-source template language that can be used to add dynamic content to pages. Liquid code can be used anywhere in the portals where HTML or text content can be entered, including content in webpages, content snippets, and web templates.

upvoted 1 times

Muzera 1 year, 7 months ago

Selected Answer: ABC

ABC of course

upvoted 1 times

Muzera 1 year, 7 months ago

Selected Answer: ABC

ABC is the correct

upvoted 1 times

Parth91 1 year, 8 months ago

Selected Answer: ABC

ABC are the right options..

upvoted 1 times

ClairFraser 1 year, 9 months ago

Selected Answer: ABC

Page Templates can only refer to Web Templates for HTML. https://docs.microsoft.com/en-us/power-apps/maker/portals/configure/page-templates

upvoted 2 times

manfer 1 year, 9 months ago

Selected Answer: ABC

ABC.....

upvoted 1 times

extevao 1 year, 10 months ago

C
https://www.shopify.com/partners/blog/landing-page
Liquid + page template
????

upvoted 1 times

crushy 1 year, 11 months ago

Why C?! There is no object related to a Template. Its Page, Settings, Snippet.

upvoted 1 times

Question #11 *Topic 1*

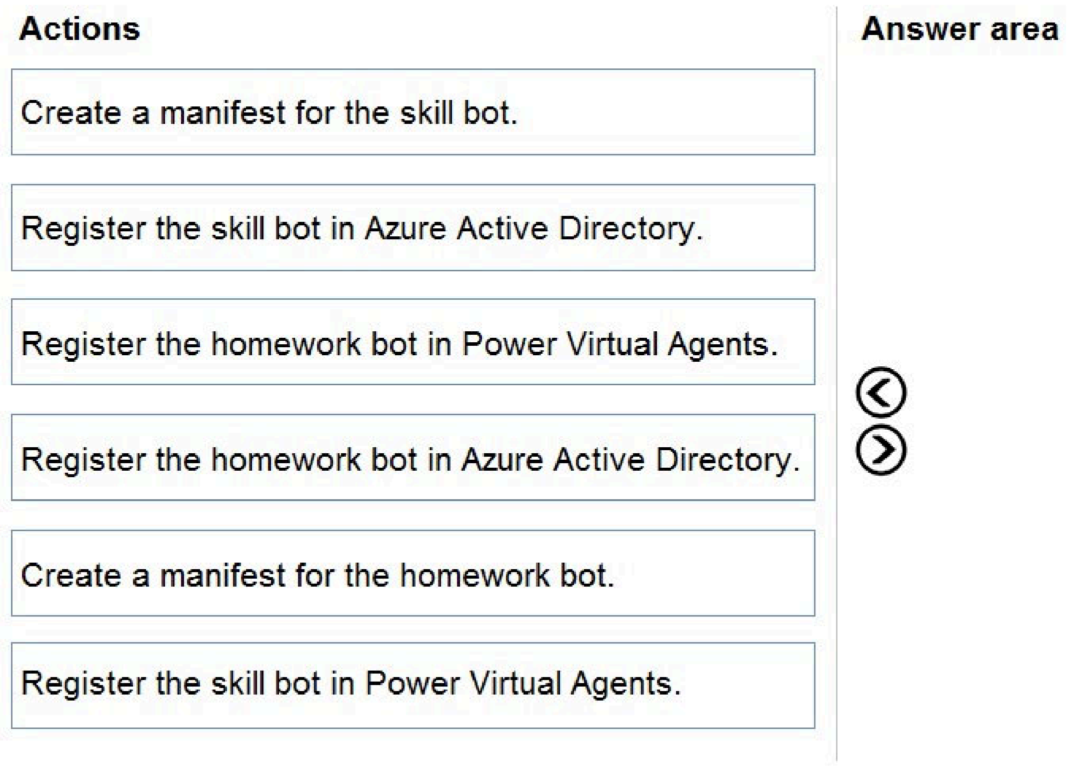
DRAG DROP -

Teachers in a school district use Azure skill bots to teach specific classes. Students sign into an online portal to submit completed homework to their teacher for review. Students use a Power Virtual Agents chatbot to request help from teachers.

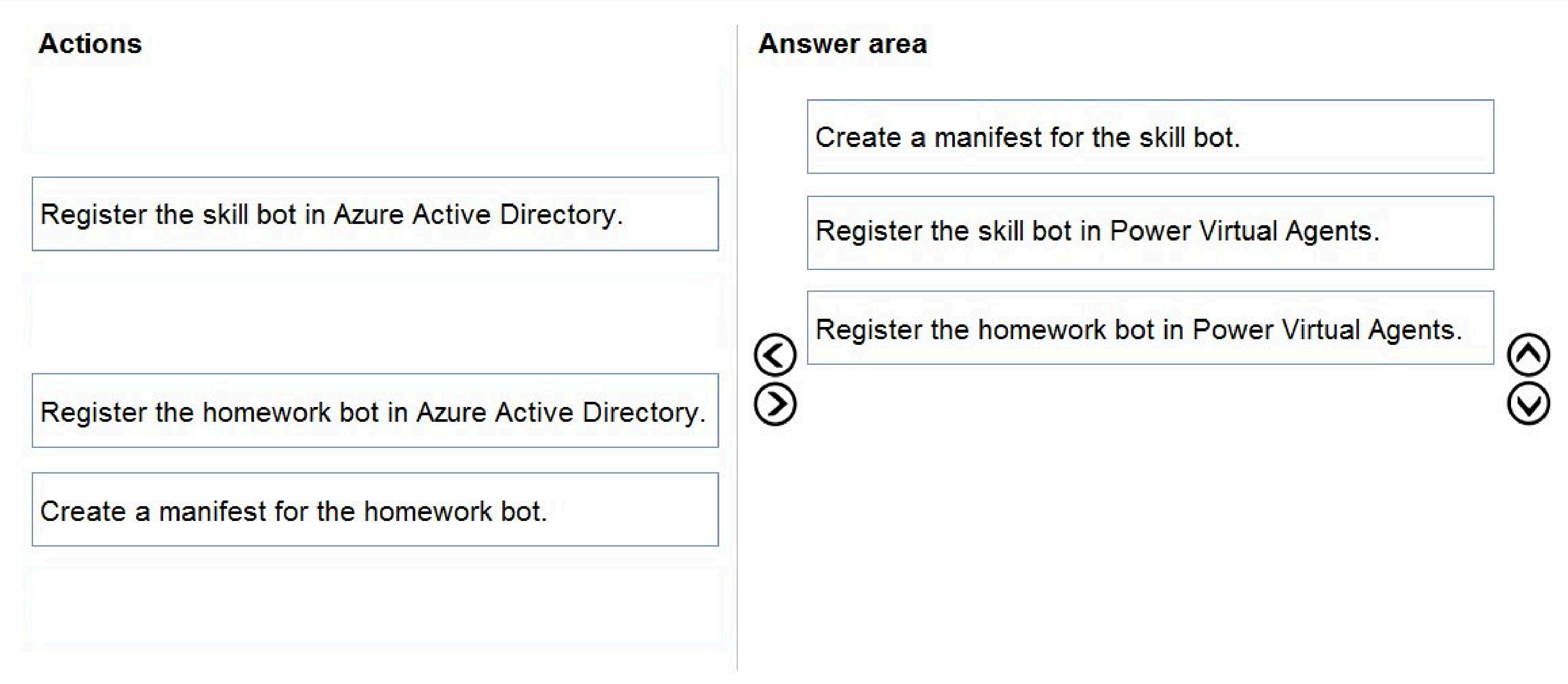
You need to incorporate the skill bot for each class into the homework bot.

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:



Correct Answer:



Step 1: Create a manifest for the skill bot

You can use skills to extend another bot. A skill is a bot that can perform a set of tasks for another bot.

A skill's interface is described by a manifest.

Step 2: Register the skill bot in Power Virtual Agents

Power Virtual Agents enables you to extend your bot using Microsoft Bot Framework skills.

First, create a Power Virtual Agents bot and create and deploy the skill using pro-code tools into your organization.

Next, register a skill in Power Virtual Agents.

Step 3: Register the homework bot in Power Virtual Agents

You can use your Power Virtual Agents bot as a skill with Bot Framework bots.

The Bot Framework and Power Virtual Agents bots must be deployed in the same tenant.

Reference:

https://docs.microsoft.com/en-us/azure/bot-service/skill-implement-skill https://docs.microsoft.com/en-us/azure/bot-service/skills-write-manifest

SubbaAd Highly Voted 1 year ago
Bots and Virtual Agents are not in the skills measured for the PL-400 exam. I think these Bot related questions are from the Functional Associate exam.
upvoted 6 times

jkaur Highly Voted 6 months, 2 weeks ago
1. Register the skill in Azure AD
2. Create a manifest for the skill bot
3. Register the skill bot in Power VA
upvoted 5 times

PrepRS Most Recent 3 weeks, 4 days ago
1. Register the skill in Azure AD
2. Create a manifest for the skill bot
3. Register the skill bot in Power VA
upvoted 1 times

SSS_S_S 1 month, 4 weeks ago
1. Register the skill in Azure AD
2. Create a manifest for the skill bot
3. Register the skill bot in Power VA
upvoted 1 times

stalee 8 months, 1 week ago
1. Register the skill in Azure AD
2. Create a manifest for the skill bot
3. Register the skill bot in Power VA

https://learn.microsoft.com/en-us/power-virtual-agents/configuration-add-skills?source=recommendations
upvoted 2 times

Sauradj 8 months, 3 weeks ago
I think the answer should be:
1. Create a manifest for the skill bot
2. Register the skill in Azure AD
3. Register the homework bot in Power VA
upvoted 1 times

MarkHelou 10 months ago
1. Create a manifest for the skill bot
2. Register the skill in Azure AD
3. Register the skill bot in Power VA
Ref:
https://learn.microsoft.com/en-us/power-virtual-agents/configuration-add-skills?source=recommendations
https://learn.microsoft.com/en-us/azure/bot-service/skills-conceptual?view=azure-bot-service-4.0&preserve-view=true
upvoted 2 times

m9960 10 months, 2 weeks ago
According to chatgpt (after asking it to review the data many times) the first is Register the skills bot in Azure AD, then create the manifest for the skill bot and then register the skills bot in PVA, but I have very little trust in its answers
upvoted 3 times

alevalli9 1 year ago
Has anyone recently found this question in the exam?
upvoted 3 times

justin_s 1 year, 1 month ago
what a mess!
In question the homework bot is never mentioned. students only submit homework in portal (maybe using a basic form?), not use a bot.
And the PVA is only used for getting help from teacher, not for homework!
upvoted 3 times

AADAdmin1 1 year, 2 months ago
The skills bot should be first registered in Azure AD App Registration to get AppID for the Bot.
The PVA Bot should then be created to get PVA Bot ID.
The Manifest of Skills Bot should then be updated where the Allow Callers List includes the the PVA Bot ID
upvoted 2 times

shivdix 1 year, 1 month ago
Is this correct?

1. Register skill Bot in Azure AD
2. Register skill Bot in PVA
3. Create Manifest into Homework bot
upvoted 3 times

kotaro05 1 year, 1 month ago

Is this correct? this makes sense to me than the answer provided. Reference: https://learn.microsoft.com/en-us/power-virtual-agents/configuration-add-skills?source=recommendations

upvoted 1 times

EssaKhader 1 year, 5 months ago

this answer is correct ??

upvoted 4 times

hertino 1 year, 5 months ago

Ok, https://docs.microsoft.com/en-us/power-virtual-agents/configuration-add-skills?source=recommendations
https://docs.microsoft.com/en-us/power-virtual-agents/advanced-use-skills

upvoted 3 times

Question #12

Topic 1

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

You need to register the plug-ins.

Which isolation mode should you use?

A. None

B. Global Assembly Cache (GAC)

C. Sandbox

D. Disk

Correct Answer: *C*

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

Reference:

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

Community vote distribution

C (100%)

Mrbrownn 2 months, 1 week ago

On exam 12-19-2023

upvoted 1 times

MikeAWS 6 months, 2 weeks ago

correct C

upvoted 1 times

alevalli9 1 year ago

Correct C

upvoted 3 times

shivdix 1 year, 1 month ago

Selected Answer: C

Always C

upvoted 4 times

hertino 1 year, 5 months ago

Ok. https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/register-deploy-plugins?view=op-9-1

upvoted 3 times

Question #13 *Topic 1*

An organization uses a public-facing Power Apps portal.
You need to change the layout of a specific web page.
What are two possible ways to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Select the Portal Management app and then select Edit.

B. Select the Portal Management app and then select Play.

C. Select the portal app and then select Manage.

D. Select the portal app and then select Edit.

Correct Answer: *AD*
A: The Portal Management app lets you do advanced configuration actions on your portal.
1. Open the Portal Management app.
2. Go to Portals > Web Pages.
3. To edit an existing web page, select the web page name.
4. Enter appropriate values in the fields.
5. Select Save & Close.
D: To use the WYSIWYG editor:
1. Edit the portal to open it in Power Apps portals Studio.
2. Select the page on which you want to add the component.
3. Select an editable element on the canvas.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/web-page https://docs.microsoft.com/en-us/powerapps/maker/portals/compose-page

Community vote distribution
BD (67%) AD (33%)

jagibe Highly Voted 1 year, 5 months ago
BD are correct
upvoted 17 times

BerserkRose 1 year ago
B is definitely not right, since playing means running the application and wont be able to edit it
upvoted 3 times

rcanadas 1 year, 5 months ago
Why not AD?
upvoted 3 times

DM13a 1 year, 2 months ago
I think, A is not correct answer, my view is: To manage portal the app "Portal Management" should be play as then only it allows managing other portal apps and configurations. We do not want to edit this app instead it should be run or play to manage others portal apps.
upvoted 5 times

SSS_S_S Most Recent 1 month, 4 weeks ago
AD is correct
upvoted 1 times

sadzag 5 months, 2 weeks ago
Selected Answer: BD
B&D
we can play/open Portal management and then modify the layout
upvoted 2 times

freddy1246 5 months, 3 weeks ago
Selected Answer: BD
B) https://learn.microsoft.com/en-us/power-pages/configure/portal-management-app#open-the-portal-management-app-from-power-apps
D) https://learn.microsoft.com/en-us/power-apps/maker/portals/manage-existing-portals
upvoted 1 times

Vrooom 5 months, 3 weeks ago

C. Go to the app. Click on "Manage."
D. Go to the app. Click on "Edit."

Here's why these options are correct;
C. By selecting the app and clicking on "Manage " you can access the settings, for managing the portal, such as configuring pages and layouts.
D. Selecting the app and clicking on "Edit" allows you to make changes to pages and layouts within the portal app. This is where you can modify how a particular web page looks.

Options A (Select the Portal Management app and then select Edit) and B (Select the Portal Management app and select Play) are not suitable for making changes to specific web pages within the portal app. Option A is related to modifying the settings of the Portal Management app itself while option B is about testing or previewing the portal, rather than editing page layouts.

upvoted 2 times

dbaguypw 6 months ago

Selected Answer: BD

A would just edit the model-driven app for managing the portal, not actually do any mgmt.

upvoted 1 times

tmub47 6 months ago

If you select A, you wont be editing any portal or web page, you will be editing the Portal management Model driven app. Answer is B and D

upvoted 3 times

MuhammadSaadFahim 6 months, 2 weeks ago

Selected Answer: BD

B. Portal Management App - PLAY (Model Driven App use to managed advance portal Configurations)
D. Portal App - EDIT (Use to design site through Drag and Drop)

upvoted 2 times

Sauradj 8 months, 3 weeks ago

From MS Docs: "You can use the Portal Management app, a model-driven Power App, for advanced configuration of your Power Pages sites."
That means we have to run the app to edit the portal pages and not edit the app iteself.

upvoted 1 times

KrishEXM 1 year ago

AD is Correct

upvoted 3 times

D20nat1 9 months, 1 week ago

I do not believe it is A. You want to run the management app to manage the portal config, you are not editing the management app itself.
Answer would be BD

upvoted 1 times

DenisRossi 1 year, 1 month ago

Selected Answer: AD

AD are correct

upvoted 3 times

juan54 1 year, 4 months ago

AD seems to be OK. Why "B" , if you pressed "play" you will get the portal rendition and not be able to edit no ?

upvoted 1 times

Question #14 *Topic 1*

You are building a custom application in Azure to process resumes for the HR department.
The app will monitor submissions of resumes and parse the resumes.
You need to parse the resumes and save contact and skills information into the Common Data Service.
Which mechanism should you use?

A. Power Automate

B. Common Data Service plug-in

C. Web API

D. Custom workflow activity

Correct Answer: *A*
Improve operational efficiency with a unified view of business data by creating flows that use Dataverse (Common Data Service has been renamed to Microsoft
Dataverse as of November 2020).
For example, you can use Dataverse within Power Automate in these key ways:
Create a flow to import data, export data, or take action (such as sending a notification) when data changes.
Instead of creating an approval loop through email, create a flow that stores approval state in an entity, and then build a custom app in which users can approve or reject items.
Reference:
https://docs.microsoft.com/en-us/power-automate/common-data-model-intro

Community vote distribution
A (67%) C (33%)

Alehn96 Highly Voted 1 year, 2 months ago
I think is A because you need to save on dataverse.
upvoted 7 times

NyarukouSAMA Most Recent 5 months, 1 week ago
Selected Answer: A
Both A and C are suitable in this situation, but Microsoft recommends using PowerAutomate flow wherever possible. So, I believe the answer should be A.
upvoted 3 times

sadzag 5 months, 2 weeks ago
Selected Answer: C
C: need api to save the data
upvoted 1 times

andresleonz 5 months, 4 weeks ago
Guys it should be "C". Whatever third-party application outside from Power Platform or Dynamics 365
upvoted 2 times

andresleonz 5 months, 4 weeks ago
Sorry, butter finger... External applications should use Dataverse Web API to perform operations in Dataverse, instead of using Power Automate or Middleware.
upvoted 1 times

dbaguypw 6 months ago
Absolutely A
upvoted 1 times

RSITS 6 months ago
Selected Answer: A
I think is A. With Pwer Automate you can extract the ressume information and save it in dataverse. With Web API you only can write in dataverse but not extract/process/parse the resume
upvoted 1 times

mmamfgm 5 months, 3 weeks ago
But the question says, your azure app will extract the resume information and it only asks how to save it in the dataverse
upvoted 1 times

MuhammadSaadFahim 6 months, 2 weeks ago

Selected Answer: C

C. Web API (Bcz Azure app is doing all process, only the action left is to save contact and skills in dataverse which azure app can do using by calling Dataverse Web API)

upvoted 2 times

Sauradj 8 months, 3 weeks ago

Why not web api, which can be called from custom application directly to create a record in Dataverse?

upvoted 3 times

rayista 1 year, 1 month ago

Selected Answer: A

A is the correct

upvoted 1 times

DenisRossi 1 year, 1 month ago

Selected Answer: A

A -
Power Automate can do the job

upvoted 1 times

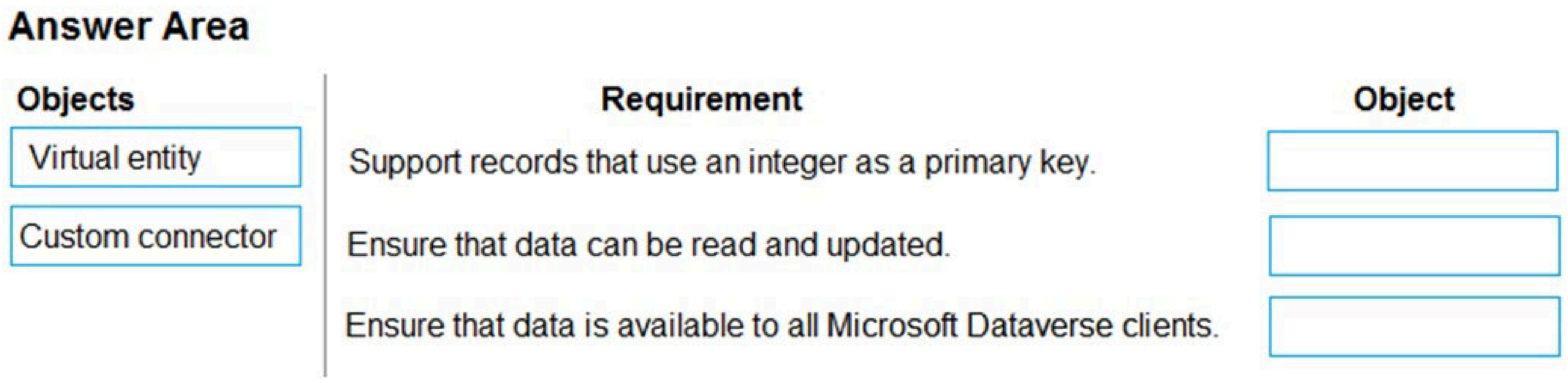
kumailnaqvi 1 year, 3 months ago

i was thinking for D

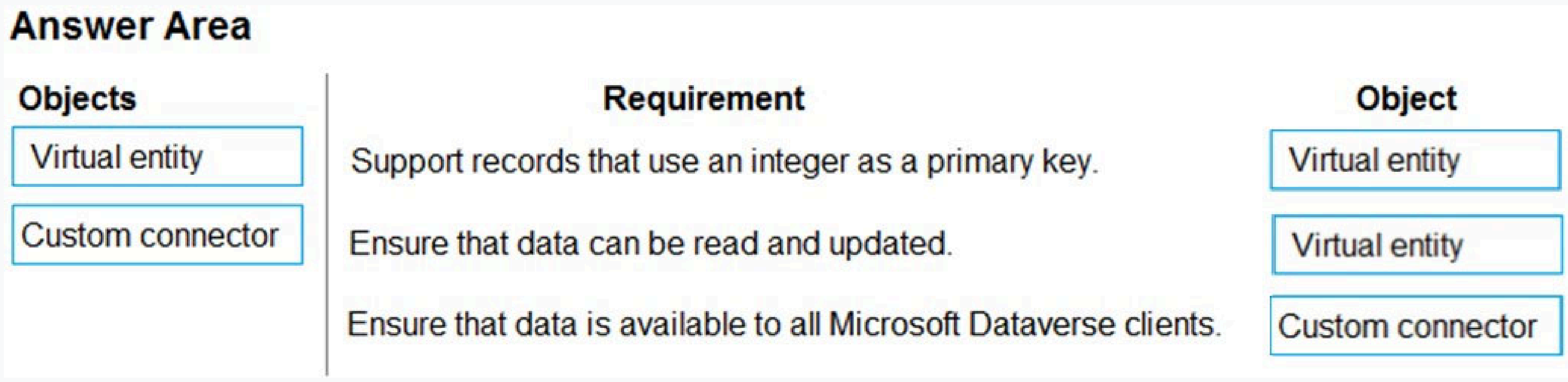
upvoted 1 times

Question #15 *Topic 1*

DRAG DROP -
You are researching integrations with several external systems.
Each integration has different requirements.
You need to determine which data sources to use to meet each requirement.
What should you use? To answer, drag the appropriate data sources to the correct requirements. Each data source may be used once, more than one, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.
Select and Place:



Correct Answer:



Box 1: Virtual entity -
Initially, defining a virtual entity is the same as defining a custom entity: you specify the entity, attributes, and relationships for the new virtual entity type.
You can use GUIDs as primary keys in the external data source.

Box 2: Virtual entity -
Virtual entities enable the integration of data residing in external systems by seamlessly representing that data as entities in Microsoft Dataverse (Common Data
Service), without replication of data and often without custom coding. Virtual entities support create, updates and delete of data in the external system.

Box 3: Custom connector -
A custom connector is a wrapper around a REST API (Logic Apps also supports SOAP APIs) that allows Logic Apps, Power Automate, or Power Apps to communicate with that REST or SOAP API.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/virtual-entities/get-started-ve

Flatternschuchtern Highly Voted 1 year, 5 months ago
It has to be the opposite.
1. Custom Connector (Virtual Entities have to have GUIDs or you won't create relationships in CRM)
2. Custom Connector (Virtual Entites are still readonly in CRM)
3. Virtual Entity (Will appear anywhere, it is another CRM entity just different data source)
upvoted 21 times

Fyrus 1 year, 2 months ago
No. You can use virtual Entities to make CRUD operations: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/sample-ve-provider-crud-operations
upvoted 9 times

ziggy1117 6 months, 3 weeks ago

so should be
1. Custom Connector
2. Virtual Entity
3. Virtual Entity
upvoted 6 times

DummyTest1 Highly Voted 7 months, 4 weeks ago
As of July 2023. Based on testing results by myself.
1. Virtual Table - I was able to create a custom table using SQL Server with primary key as Integer.
2. Virtual Table - Virtual Table was able to handle both read and update out-of-box. We don't need to implement any plugin as get the external system updated.
3. Virtual Table - Virtual Table can be accessible accross all the Dataverse clients.

This might be because MS is continously improving the capabilities of Virtual Table.
upvoted 9 times

PrepRS Most Recent 3 weeks, 4 days ago
1. Custom Connector
2. Virtual entity
3. Custom Connector
upvoted 1 times

SSS_S_S 1 month, 4 weeks ago
Correct
upvoted 1 times

At09 4 months, 4 weeks ago
VE, CC, VE
upvoted 1 times

NyarukouSAMA 5 months, 1 week ago
Well, looks like the correct answer is correct:
1 - VE. Here you can take a look - integer can be used as a PK for VE.(https://learn.microsoft.com/en-us/power-apps/maker/data-platform/limits-tshoot-virtual-tables?tabs=sql#for-each-data-source)
2 - VE. Looks like now VE can support CRUD. This is not a limitation now. (https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/get-started-ve#limitations-of-virtual-tables)
3 - CC (but I'm not sure). Because you need to use it in every client.
upvoted 1 times

nasty 5 months, 3 weeks ago
GUID is integer...???
upvoted 1 times

uberlord 6 months ago
C is definatly CC

a canvass app can connect to DV so is classed as a DV client, but you cannot connect to a vitual DV entity, so you would need the CC to go between
upvoted 1 times

jkaur 6 months, 1 week ago
VE
VE
CC
upvoted 1 times

jkaur 6 months, 1 week ago
Custom Connector
CC
VE
upvoted 2 times

MikeAWS 6 months, 2 weeks ago
1. custom connector - you can create custom connectors in Power Apps and Power Automate that support records with integer primary keys.
2. custom connector - you can create a custom connector in Power Apps and Power Automate that allows data to be both read and updated.
3. virtual entity - Yes, virtual entities in Microsoft Dataverse (formerly known as Common Data Service) are designed to ensure that data is available to all Microsoft Dataverse clients.
upvoted 1 times

ziggy1117 7 months, 1 week ago
Source: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/get-started-ve
1. Custom Connector - All tables in the external data source must have an associated GUID primary key.
2. Virtual Entity - Full CRUD operation is now supported for custom virtual table data provider. Full CRUD operation is now supported for custom virtual table data provider. Developers can implement plug-ins and register them using the Plug-in Registration tool for each of the CRUD operation supporting the virtual table.
3. Virtual Table
upvoted 4 times

TOM1000 9 months, 2 weeks ago

Item 1 can not be virtual table "All tables in the external data source must have an associated GUID primary key."

upvoted 2 times

PowerRangers 1 year, 1 month ago

1. Is Virtual Entities, SQL can either use a guid or an integer.
https://learn.microsoft.com/en-us/power-apps/maker/data-platform/limits-tshoot-virtual-tables?tabs=sql

upvoted 2 times

Alehn96 1 year, 2 months ago

The answers are correct.
1 and 2 you can use virtual entities
See this link https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/sample-ve-provider-crud-operations In fact you can not use the custom connector,
The 3 item is custom connector, because you can not avaible on all dataverse with virtual entity.

upvoted 3 times

Fyrus 1 year, 2 months ago

1) CC: (ll tables in the external data source must have an associated GUID primary key) https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/get-started-ve
2) VE: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/sample-ve-provider-crud-operations
3) CC if a different dataverse is even another tenant... if don't, you still have to create the entity in all environments to proceed with a VE

upvoted 3 times

fancyturkey 1 year, 2 months ago

1. 100% Custom Connector

upvoted 3 times

> **uberlord** 6 months ago
>
> why as virtual entities can take int as primary key?
>
> upvoted 1 times

Keith_ascent 1 year, 5 months ago

Box 1 would not be supported as a Virtual Entity as the documentation states the following:
All tables in the external data source must have an associated GUID primary key.

upvoted 4 times

Question #16 *Topic 1*

A Power Platform solution includes the following Web API call:
GET http://contoso.crm.dynamics.com/api/data/v9.1/RelationshipDefinitions?$select=SchemaName
You need to explain what this line of code is doing.
What does the code do?

A. Retrieve the list of relationships between tables.

B. Retrieve a list of tables that are related to each other.

C. Retrieve a list of one-to-many relationships with other tables.

D. Retrieve a list of tables that have more than one relationship.

E. Retrieve a list of many-to-many relationships with other tables.

Correct Answer: *A*
Querying relationship metadata -
Entity relationships can be queried using the RelationshipDefinitions entity set. You can use a query like the following to get the SchemaName property for every relationship.
GET [Organization URI]/api/data/v9.0/RelationshipDefinitions?$select=SchemaName
The properties available when querying this entity set are limited to those in the RelationshipMetadataBase EntityType.
Note: You can retrieve relationship metadata in the context of a given entity much in the same way that you can query attributes. The ManyToManyRelationships,
ManyToOneRelationships, and OneToManyRelationships collection-valued navigation properties can be queried just like the Attributes collection-valued navigation property.
However, entity relationships can also be queried using the RelationshipDefinitions entity set.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/query-metadata-web-api https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/reference/relationshipmetadatabase?view=dataverse-latest

akkunja Highly Voted 1 year, 5 months ago
Correct A
upvoted 7 times

odigetti365 Most Recent 4 months, 1 week ago
Correct
upvoted 1 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 3 times

hertino 1 year, 5 months ago
Correct,
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/query-metadata-web-api
upvoted 4 times

Question #17 *Topic 1*

HOTSPOT

-

You create a Power Automate flow that retrieves data from the Microsoft Dataverse Account table.

The flow uses only a subset of Account table data.

You need to retrieve the required data.

How should you configure the Dataverse List Rows action? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Data point	Method
Full name of the primary contact	Expand Query = primarycontactid($select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?$select=fullname
Account with the highest credit limit	Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account($top=1;$select=creditlimit)

Correct Answer:

Answer Area

Data point	Method
Full name of the primary contact	Expand Query = primarycontactid($select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?$select=fullname
Account with the highest credit limit	Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account($top=1;$select=creditlimit)

Coder1 Highly Voted 1 year, 1 month ago

Correct, Tested it myself

upvoted 8 times

sindyvaness Most Recent 8 months ago

In the exam on 06/23/2023.

upvoted 3 times

> **kebadu** 8 months ago
>
> Was all questions on exam from this sample?
>
> upvoted 1 times

whiteblack 9 months, 3 weeks ago

Yeah, correct answer

upvoted 2 times

Question #18 *Topic 1*

You are creating a canvas app to retrieve user sign in information from Microsoft Azure Active Directory (Azure AD) when someone searches for information about an end user.

You create an Azure Function to retrieve the required information by using JSON.

You need to ensure that the application functions correctly.

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

NOTE: Each correct selection is worth one point.

A. Create a Power Automate flow to import data.

B. Create a custom connector by using the Azure Function API.

C. Use app designer in the Power Platform admin center.

D. Use Azure Service Bus.

E. Create an API definition for the Azure Function.

Correct Answer: *AE*

Community vote distribution

BE (97%)

DimpleG Highly Voted 1 year ago

Selected Answer: BE

A. Create a Power Automate flow to import data is not necessary for the application to function correctly, as the application is already retrieving the user sign-in information from Azure AD by using JSON through an Azure Function.
C. Using app designer in the Power Platform admin center would not be necessary for this task as it is not used to retrieve user sign-in information from Azure AD.
D. Use Azure Service Bus is not necessary for this task as it is not used to retrieve user sign-in information from Azure AD.

To ensure that the application functions correctly, you should create a custom connector by using the Azure Function API. This will allow you to connect your canvas app to the Azure Function to retrieve the user sign-in information. Additionally, you need to create an API definition for the Azure Function, this will allow you to define the specific parameters and methods that your app will use to communicate with the Azure Function.

upvoted 27 times

Fyrus Highly Voted 1 year ago

Selected Answer: BE

DimpleG said everything.

upvoted 6 times

SSS_S_S Most Recent 1 month, 4 weeks ago

BE is correct

upvoted 1 times

At09 4 months, 4 weeks ago

Answer is BE

upvoted 2 times

ziggy1117 6 months, 3 weeks ago

came out in Exam Aug 10, 2023. My score: 918. my answer BE

upvoted 6 times

MikeAWS 5 months, 1 week ago

are the real exam questions similar to these in examtopics?

upvoted 1 times

jcorb22 3 months, 3 weeks ago

Take the test and find out you peanut. You've literally asked the same question on nearly all of these questions.

upvoted 1 times

jkaur 6 months, 3 weeks ago

Answer:- BE

upvoted 2 times

A_A_C 1 year ago

Selected Answer: BE

Lets say, we all agree with *E*.
So the only logical answer left that go with *E*, is *B*

So BE

upvoted 4 times

Fardji 1 year, 1 month ago

Selected Answer: AE

seems good

upvoted 1 times

Question #19 *Topic 1*

DRAG DROP

-

A company is configuring Microsoft Power Virtual Agents and Power Automate flows that use model-driven apps.

The company has a website that uses Power Pages. You create Power Virtual Agents bot topics.

You must configure the following:

• Use a bot on the website.
• Create Bot Framework skills.
• Create a support request from the bot without human interaction.

You need to configure the website.

Applications

- Power Virtual Agents
- Power Automate
- Power Pages
- Power App

Answer Area

Requirement	Application
Use a bot on the website.	
Create Bot Framework skills.	
Create support request from the bot.	

Correct Answer:

Answer Area

Requirement	Application
Use a bot on the website.	Power Pages
Create Bot Framework skills.	Power App
Create support request from the bot.	Power Virtual Agents

DimpleG Highly Voted 1 year, 1 month ago
I think 1) Power Pages 2) Power Virtual Agents 3) Power Automate

Bot Framework skills can be created in the Power Platform using the Power Virtual Agents tool. This tool allows you to create and manage chatbots using a visual, drag-and-drop interface without the need for coding
upvoted 38 times

hikmatune 1 year, 1 month ago
i agree with this
upvoted 1 times

kotaro05 1 year, 1 month ago
idk if this is the correct answer but i agree to your comment
upvoted 1 times

Hiema87 1 year, 1 month ago
third one is also Power Virtual Agents:
https://learn.microsoft.com/en-us/power-virtual-agents/advanced-hand-off
upvoted 1 times

hikmatune 1 year, 1 month ago

i disagree the article says ask for live agent it doesn't say anything about creating support request
upvoted 2 times

deuel10080 11 months, 3 weeks ago
The question also says to "create a support request from the bot without human interaction," which would be done via Power Automate, so I think Power Automate is correct.
upvoted 2 times

[Removed] Highly Voted 10 months, 3 weeks ago
Requirement 1: Use a bot on the website
Application: Power Virtual Agents
Explanation: Power Virtual Agents allows the creation of chatbots that can be embedded on websites.

Requirement 2: Create Bot Framework skills
Application: Power Virtual Agents
Explanation: Power Virtual Agents allows the creation of bot topics and the integration of Bot Framework skills.

Requirement 3: Create support request from the bot
Application: Power Automate
Explanation: Power Automate can be used to create a flow that can create a support request in the model-driven app based on the inputs received from the Power Virtual Agents bot.
upvoted 9 times

Eloy522752 5 months, 3 weeks ago
I agree, 1 - Power Virtual Agents 2- Power Virtual Agents 3 - Power Automate
upvoted 2 times

PrepRS Most Recent 3 weeks, 4 days ago
Power Apps
Power Virtual Agents
Power Automate
upvoted 1 times

At09 4 months, 4 weeks ago
1) Power Apps
2)PVA
3)PA
upvoted 1 times

qub3 6 months ago
1. Power Apps
https://learn.microsoft.com/en-us/power-apps/maker/portals/add-chatbot
2. Power Virtual Agents
You create the not using code but add it using PVA
3. Power Automate
PVA advanced hand-off feature transfers to Live Agents and does not create a Support Ticket. That can only be done using power Automate.
upvoted 3 times

jkaur 6 months, 2 weeks ago
1) Power Apps
2)PVA
3)PA
upvoted 2 times

Net_IT 6 months, 3 weeks ago
1. Power Virtual Agents
https://learn.microsoft.com/en-us/power-pages/guidance/integrate-pva
2. Not sure, the docs say you need to use the Bot Framework SDK and pro-code tools to create bots that can be converted to skills and then register them in PVA. So I would say PVA for this one. I researched to create a skill with the other options without result.
https://learn.microsoft.com/en-us/power-virtual-agents/configuration-add-skills
3. Power Automate
https://learn.microsoft.com/en-us/power-virtual-agents/advanced-flow-create
upvoted 2 times

nadien 8 months, 2 weeks ago
First one should be Power Apps:
https://learn.microsoft.com/en-us/power-apps/maker/portals/add-chatbot
The Question is about adding a Bot to a Page and not about creating the bot.
upvoted 4 times

whiteblack 9 months, 2 weeks ago
I go with 1)Power Virtual Agents 2) Power Virtual Agents and 3)Power Automate.
upvoted 2 times

TheExamMaster2020 1 year, 1 month ago
My guess would be:
1) Power Apps

2)PVA
3)PVA
Skills are created the PVA tool AFAIK, and I would think that "create a support request" is just another way of saying that you end the conversation with an escalation (with a transfer to an agent if possible), which is also done in the PVA tool?

upvoted 2 times

Question #20 *Topic 1*

You are configuring a custom connector for a web service. The web service is hosted in two different regions. The web service URL includes a common domain name and a unique sub-domain for each region.

The custom connector must allow the region to be entered for additional regions when creating the connection.

You need to create a policy template.

Which template type should you use?

A. Set HTTP header

B. Route request

C. Set host URL

D. Set query string parameter

Correct Answer: *C*

Community vote distribution

C (100%)

Sri2020 Highly Voted 10 months, 2 weeks ago

Selected Answer: C

Unique subdomain need to be constructed which is done using setHostURL. Same is explained in https://learn.microsoft.com/en-us/training/modules/policy-templates-custom-connectors/4-configure-host-url-routing.

RouteRequest -> routes to specific end point and it is not used to construct URL.
query string -> used to pass default values.
header -> is used to keep tracking of variables such as correlation id, authentication information etc.
https://learn.microsoft.com/en-us/training/modules/policy-templates-custom-connectors/1-introduction has all details

upvoted 6 times

ziggy1117 Most Recent 6 months, 3 weeks ago

came out in Exam Aug 10, 2023.

upvoted 3 times

shivarjunBhattarai 11 months, 1 week ago

Selected Answer: C

you are updating the hostname.

upvoted 1 times

gmanunta81 11 months, 1 week ago

Selected Answer: C

I checked in other exams test and looks like C is the correct one

upvoted 3 times

MikeAWS 5 months, 1 week ago

other exam providers are all copy/paste :), don't trust them

upvoted 1 times

DimpleG 1 year ago

Selected Answer: C

C. Set host URL. The custom connector needs to allow the region to be entered, and the URL includes a unique sub-domain for each region, so the host URL needs to be set dynamically based on the region entered by the user. The template type "Set host URL" allows you to set the hostname of the request URL dynamically.

upvoted 3 times

Siphiwee 1 year, 1 month ago

Selected Answer: C

correct answer

upvoted 1 times

Siphiwee 1 year, 1 month ago

should be :B

upvoted 1 times

Question #21 *Topic 1*

You are a Power Apps maker creating a chat bot for a website.

The chat bot must recognize geographic attributes to enable additional functionality.

You need to recommend a feature.

What should you recommend?

A. Fallback topic

B. Power Automate Flow

C. Bot Service compliance

D. Slot filling

Correct Answer: *D*

Community vote distribution

D (100%)

DimpleG Highly Voted 1 year ago

Selected Answer: D

D. Slot filling. Slot filling is a feature that allows a chatbot to extract specific pieces of information from a user's input. In this case, it can be used to recognize geographic attributes, such as a city or country, and use that information to enable additional functionality in the chatbot. Slot filling can be accomplished with the use of pre-built entities or custom entities can be created for specific use-case. Power Automate Flow can be used to perform actions or tasks based on the extracted geographic attributes from the Slot filling process.

upvoted 13 times

lezzles11 Most Recent 6 months, 2 weeks ago

Is this going to be on the test? They updated the study guide and didn't include power virtual agents.

upvoted 1 times

MikeAWS 5 months, 1 week ago

@Emehoku is saying that it was in his exam on 4/7/23! Who knows!!

upvoted 1 times

whiteblack 9 months, 2 weeks ago

1.In the context of Power Virtual Agents, a fallback topic refers to a predefined set of responses or actions that are triggered when the chatbot is unable to understand or handle a user's input or request. Fallback topics are designed to provide a fallback mechanism to handle unexpected or unrecognized user inputs and prevent the conversation from coming to a halt.
2. Bot Service Compliance refers to the adherence of bots built on the Microsoft Bot Framework and hosted on Azure Bot Service to regulatory and industry-specific compliance standards. Microsoft Bot Framework and Azure Bot Service provide tools and services to build and deploy intelligent chatbots and virtual assistants, and compliance ensures that these bots meet the required standards for privacy, security, and data protection.
So Answer is D. Slot Filling

upvoted 4 times

whiteblack 9 months, 2 weeks ago

D is Correct. Coz,In Power Virtual Agents, slot filling is a process that allows you to collect specific information or parameters from users during a conversation or chatbot interaction. It helps in capturing the necessary data required to fulfill the user's request or provide relevant responses.

upvoted 2 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 2 times

Question #22 *Topic 1*

You develop and deploy a Power Apps solution.

The following changes must be made to the solution:

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

You need to re-deploy the app.

What should you do?

A. Update the solution.

B. Upgrade the solution.

C. Create a new solution.

D. Patch the solution.

Correct Answer: *B*

Community vote distribution

B (100%)

deuel10080 Highly Voted 11 months, 3 weeks ago

Selected Answer: B

"Upgrade - This is the default option and upgrades your solution to the latest version and rolls up all previous patches in one step."
If you choose update, "components that are not in the newer solution won't be deleted and will remain in the system." Does not sound ideal, since one of the steps required in the question is deleting a column.
Source: https://learn.microsoft.com/en-us/power-apps/maker/data-platform/update-solutions

upvoted 10 times

ziggy1117 Highly Voted 6 months, 3 weeks ago

came out in Exam Aug 10, 2023. My score: 918.

upvoted 5 times

Barb123 Most Recent 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 2 times

lldd9988 7 months, 2 weeks ago

The answer is correct.

upvoted 1 times

Kline 1 year ago

Sounds correct.

upvoted 2 times

Question #23 *Topic 1*

You develop a model-driven app. You add the following users as members to the Sales Microsoft Azure Active Directory (Azure AD) security group: User1, User2, and User3.

The Sales Azure AD security group is linked to a pre-existing Microsoft Dataverse Azure AD security group team that is associated with the Sales security role. You assign each of the appropriate licenses to each user.

User1 is not listed in the Team Members subgrid for the app. User2 and User3 are listed in the subgrid.

You need to ensure that User1 can use the model-driven app.

What should you do?

A. Change the membership of the Sales Azure AD Security group to Dynamic User.

B. Change the membership type for User1 to Owner in the Azure AD security group.

C. Create an Owner team for the members of the Sales Azure AD group.

D. Ask User1 to sign into the model-driven app.

Correct Answer: *D*

MikeAWS 6 months ago

Yes, the correct solution is to have User1 sign into the model-driven app. Here's why:

When users are added to an Azure AD security group that is linked to a Dataverse team and assigned the appropriate licenses, they are granted the associated security roles and access to the model-driven app. However, sometimes it might take some time for the synchronization between Azure AD and Dataverse to complete, and for the user to be recognized as a member of the team.

upvoted 4 times

sindyvaness 8 months ago

In the exam test on 06-23-2023

upvoted 3 times

AmeerBasha 11 months, 3 weeks ago

Correct

upvoted 1 times

gmanunta81 11 months, 1 week ago

Why D is correct ?

upvoted 2 times

lewylln 11 months, 1 week ago

I may be wrong, but from my experience users dont appear in an environment's default tables (like the user table) until they access the environment for the first time. Based on the issue of the user not appearing they must have not accessed the app/environment yet so having them log in should resolve the problem

upvoted 5 times

sudeep_sk 9 months, 3 weeks ago

D is the correct option. Any user added to the Azure AD group will not appear in the member's list until he does not login to the environment.

upvoted 2 times

Question #24 *Topic 1*

DRAG DROP

-

You are modifying a model-driven app for a bicycle company.

The app modifications must meet the following requirements:

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

You must use out-of-the-box features before customizing the application.

What should you do?

Actions

- Customize the app
- Configure an out-of-box feature
- Edit XML

Answer Area

Requirement	Action
Calculate payments	
A pop-up box must appear	

Correct Answer:

Answer Area

Requirement	Action
Calculate payments	Configure an out-of-box feature
A pop-up box must appear	Edit XML

ziggy1117 Highly Voted 6 months, 3 weeks ago
came out in Exam Aug 10, 2023. My score: 918. I answer out of the box for all
upvoted 14 times

rohini4722 1 week, 4 days ago
great score
upvoted 1 times

Net_IT 4 months, 4 weeks ago
Nice score!
upvoted 1 times

MikeAWS 5 months, 1 week ago
are the questions in real exam from examtopics?
upvoted 2 times

[Removed] Highly Voted 10 months, 3 weeks ago
For Requirement 1: Calculate payments, you should Configure an out-of-the-box feature. You can achieve this by using a calculated field in the Common Data Service, which can be added to the order form to calculate payments based on the number of years the customer wants to finance a bicycle.

For Requirement 2: A pop-up box must appear, you should Configure an out-of-the-box feature. You can use the business rules feature in the Common Data Service to create a rule that triggers a pop-up message when the employee tries to save the order form without validating the entered information. This can remind the employee to validate the entered information before saving.

Therefore, both requirements can be met by configuring out-of-the-box features, without the need for customization or editing XML.
upvoted 11 times

SSS_S_S Most Recent 1 month, 4 weeks ago
Configure an out-of-the-box feature
Configure an out-of-the-box feature
upvoted 1 times

Mrbrownn 2 months, 1 week ago
On exam 12-19-2023

upvoted 1 times

BabySheep_ 6 months, 3 weeks ago

My opinion:
1: Configure out-of-the-box feature. We can use calculated field.
2: Customize the App. We can use script or plugin to validate the form before saving.

upvoted 1 times

jkaur 6 months, 3 weeks ago

Configure an out-of-the-box feature
Configure an out-of-the-box feature

upvoted 3 times

ziggy1117 6 months, 3 weeks ago

B should be out of the box feature:
https://learn.microsoft.com/en-us/power-apps/developer/component-framework/reference/popup

upvoted 1 times

alevalli9 1 year ago

The first answer seems correct. However I'm not sure about the second one. How could we edit an XML without customizing the application? Maybe developing a PCF?

upvoted 2 times

Question #25 *Topic 1*

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

• Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.
• Pharmacies submit order requests through email.
• All information at customer locations is handwritten by customer representatives.
• Contoso uses Cerner, which is a medical industry application that uses a proprietary database.
• Some accounts are referrals from other pharmacies.
• Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

• Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.
• Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.
• When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.
• A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an Account record is created.
• A field named Priority_Trigger must be created to trigger the Priority field.
• A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research

facility, or hospital.

Users -

• UserA must be able to create and publish Power Apps apps.
• UserB must be the owner of all the systems and be able to provide permissions and create all new environments.
• UserC must be able to create apps connected to the systems and update the security roles and entities.
• Pharmacy representatives must only be able to run the apps and access their own records.
• Access to the accounting Power Apps app must be restricted to accounting team members.
• End users must have minimum access to the required systems.
• Only supervisors must be able to view phone numbers in the Accounts form.
• Developers must be able to create new apps for all users.
• Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

• Annual revenue over $100,000
• Annual revenues under $100,000
• Research facilities
• Hospitals

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

Customizations -

• Ensure that notifications are sent to the sales team when a lead is added by using Slack.
• Ensure that leads have a review stage added to the sales process.
• Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
• Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
• Fields for the doctor's name and phone number must be displayed in the customer record.
• The doctor entered on the customer's record must be validated against doctors that exist in the system.
• The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
• The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

• A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
• Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
• When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A. Navigate to Customize the System and export everything to a managed solution.

B. Create packages for Package Deployer.

C. Create customizations with metadata in Organization Services.

D. Write a Web API to move customizations.

Correct Answer: *A*

Community vote distribution

A (50%) B (50%)

iraelena 3 weeks, 1 day ago

Selected Answer: A

A is correct as we should minimize the use of custome code and connectors. The following questions do not have that choice, so there B is correct, but here A should be fine.

upvoted 2 times

RickK 1 month, 4 weeks ago

Question 27 has these two options and the answer is B

upvoted 1 times

RickK 1 month, 4 weeks ago

B. Create packages for Package Deployer.

upvoted 1 times

At09 4 months, 4 weeks ago

Answer is B

upvoted 2 times

derekmalaga 5 months ago

Selected Answer: B

Should be B

upvoted 2 times

Question #26 *Topic 1*

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study -

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The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

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• Contoso uses Cerner, which is a medical industry application that uses a proprietary database.
• Some accounts are referrals from other pharmacies.
• Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

• Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.
• Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.
• When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.
• A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an Account record is created.
• A field named Priority_Trigger must be created to trigger the Priority field.
• A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research

facility, or hospital.

Users -

• UserA must be able to create and publish Power Apps apps.
• UserB must be the owner of all the systems and be able to provide permissions and create all new environments.
• UserC must be able to create apps connected to the systems and update the security roles and entities.
• Pharmacy representatives must only be able to run the apps and access their own records.
• Access to the accounting Power Apps app must be restricted to accounting team members.
• End users must have minimum access to the required systems.
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Reporting -

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• Annual revenue over $100,000
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Customizations -

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Mobile app -

• A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
• Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
• When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A. Recreate customizations in a new environment.

B. Create packages for Package Deployer.

C. Create customizations with metadata in Organization Services.

D. Clone the solution.

Correct Answer: *B*

Community vote distribution

B (100%)

DENNYBERT 3 months, 1 week ago

RISPOSTA B

upvoted 1 times

At09 4 months, 4 weeks ago

Again Answer B

upvoted 2 times

derekmalaga 5 months ago

Selected Answer: B

Correct

upvoted 2 times

Question #27 *Topic 1*

Case study -

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• UserC must be able to create apps connected to the systems and update the security roles and entities.
• Pharmacy representatives must only be able to run the apps and access their own records.
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• When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A. Clone the solution.

B. Create packages for Package Deployer.

C. Recreate customizations in a new environment.

D. Navigate to Customize the System and export everything to a managed solution.

Correct Answer: *B*

Community vote distribution

A (100%)

iraelena 3 weeks, 1 day ago

Selected Answer: A

I think it should be A as we should minimize the use of custome code...

upvoted 2 times

At09 4 months, 4 weeks ago

Answer is B

upvoted 1 times

Question #28 *Topic 1*

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

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

You need to modify the design of the solution to access the information.

What should you do?

A. Add the code to the plug-in to read the record from the InputParameters collection.

B. Register a pre-image by using the Plug-in Registration Tool. Add the code to the plug-in to read the image from the PreEntityImages collection.

C. Register a post-image by using the Plug-in Registration Tool. Add the code to the plug-in to read the image from the PostEntityImages collection.

D. Add the code to the plug-in to query the data from Dataverse by using the API call based on the record ID.

Correct Answer: *C*

Community vote distribution

B (67%) C (33%)

iraelena 3 weeks, 1 day ago

Selected Answer: B

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in#define-entity-images

"If your plug-in step is registered in the PreValidation or PreOperation stages of the execution pipeline, you could use the IOrganizationService instance to retrieve the current value of the property, but this isn't a good practice for performance. A better practice is to define a pre-entity image with your plug-in step registration. This will capture a 'snapshot' of the table with the fields you're interested in as they existed before the operation that you can use to compare with the changed values."

upvoted 1 times

SidAsh 4 months, 1 week ago

Selected Answer: B

Chatgpt Answer is also B

upvoted 2 times

At09 4 months, 4 weeks ago

ANSWER IS B

upvoted 3 times

MeTToW 4 months, 4 weeks ago

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in#define-entity-images
For an Update operation that is registered in the PostOperation stage you can have both a Pre Image AND a Post Image.
So the answer seems Correct.

upvoted 2 times

lknr 5 months ago

Selected Answer: B

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in#define-entity-images

upvoted 1 times

dj74 5 months ago

Selected Answer: B

Correction I meant b

upvoted 2 times

dj74 5 months ago

Selected Answer: C

Pre entitiy images have the value before the update. Then you can compare the values before and after the update happened

upvoted 3 times

Question #29 *Topic 1*

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

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

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Implement an OData v4 provider as the data source.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*

Community vote distribution

A (75%) B (25%)

uday20 2 months, 1 week ago

Dataverse includes an Odata v4 data provider that can be used to connect to data sources that support the OData v4 open standard.

upvoted 1 times

waitsun 3 months, 2 weeks ago

Selected Answer: A

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/virtual-entity-walkthrough-using-odata-provider

upvoted 3 times

NyarukouSAMA 4 months, 3 weeks ago

Selected Answer: B

Well, it says "external system", therefore I suppose it should be No

upvoted 1 times

Question #30 *Topic 1*

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

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

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Assign record ownership to individual users.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

uday20 2 months, 1 week ago

Only organization-owned tables are supported. The security filtering applied to user-owned tables is not supported. Access to the virtual table data can be turned on or off for individual users based on their security role. Field-level security is not supported.

upvoted 1 times

Question #31 *Topic 1*

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

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

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Use a table that has a GUID as its primary key.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Community vote distribution

A (100%)

TaylorHamilton 1 month, 2 weeks ago

Looks like integers can also be used as a primary key.
"SQL virtual tables can use a GUID or an Integer field for the Primary Key for functionality."
https://learn.microsoft.com/en-us/power-apps/maker/data-platform/limits-tshoot-virtual-tables?tabs=sql

upvoted 2 times

SSS_S_S 1 month, 3 weeks ago

Answer is A

upvoted 1 times

uday20 2 months, 1 week ago

All tables in the external data source must have an associated GUID primary key.

upvoted 1 times

waitsun 3 months, 2 weeks ago

Selected Answer: A

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/limits-tshoot-virtual-tables?tabs=sql

upvoted 1 times

dj74 5 months ago

Selected Answer: A

Should be yes,virtual tables need guids

upvoted 4 times

MohamedRila 5 months ago

Selected Answer: A

If all the entities in external data source have an associated GUID primary key then we can implement the virtual entities for sure.
For Reference: https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/virtual-entities/get-started-ve?view=op-9-1

upvoted 3 times

Question #32 *Topic 1*

DRAG DROP
-

A company is developing a Microsoft Dataverse plug-in.

The plug-in must create a follow-up task for a new account.

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

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

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

Code Blocks

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

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

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

```
service.Create(followuptask);
```

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

```
service.Update(followuptask);
```

Answer Area

Correct Answer:

Answer Area

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

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

```
service.Create(followuptask);
```

Samit Highly Voted 4 months, 3 weeks ago
Correct order : 3 - 2 - 4
upvoted 8 times

SSS_S_S Most Recent 1 month, 2 weeks ago
Order is incorrect
upvoted 1 times

MicaelCedro 5 months ago
The block that gets the account entity from the context comes first, the block to create a new Task comes second
upvoted 4 times

d365gkv 5 months ago
The order is incorrect, first access the account entity from target. Create a task obj and service.create to create follow up task
upvoted 4 times

Question #33 *Topic 1*

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

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

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Create a calculated column on the virtual table.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Community vote distribution

B (100%)

Aminox 4 months, 3 weeks ago

Correct.

in Dynamics 365 Customer Engagement (on-premises), you cannot create calculated fields directly within virtual entities. Virtual entities are primarily designed for read-only access to external data sources. They are not intended to perform calculations or store data within Dynamics 365 itself.

If you need calculated fields, you would typically perform those calculations within the external data source itself or within the data provider responsible for retrieving data from the external source. The calculated results can then be presented as part of the virtual entity's data when it's retrieved and displayed in Dynamics 365.

upvoted 2 times

Net_IT 4 months, 4 weeks ago

Selected Answer: B

Correct answer. An attribute on a virtual entity cannot be calculated or rollup. Any desired calculations must be done on the external side, possibly within or directed by the data provider.

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

upvoted 2 times

Question #34 *Topic 1*

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

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

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

Which parameter value should you set?

A. Execute Privilege Name to prv_SdkMessageProcessingStep

B. Enabled for Workflow to No

C. Binding Type to Entity

D. Custom Processing Step to None

Correct Answer: *D*

Community vote distribution

D (100%)

koboj 2 months, 2 weeks ago

Selected Answer: D

When the plug-in set for this custom API using CustomAPI.PluginTypeId is the only logic that occurs when this operation executes.
You won't allow another developer to register any more steps that can trigger other logic, modify the behavior of this operation, or cancel the operation.
Use this option when the custom API provides some capability that shouldn't be customizable.

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/custom-api

upvoted 4 times

NNNT 3 months ago

B is the correct answer.
D. Custom Processing Step to None" is not a valid option or setting in the context of Microsoft Dataverse Custom APIs.

upvoted 1 times

marimar 1 month, 2 weeks ago

Correct answer is D,
Please, don't confuse people and do some research before you post anything: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/custom-api#add-more-request-parameters-and-response-properties

upvoted 4 times

Question #35 *Topic 1*

A company has a model-driven app form. Many users use the form.

Users state that the form takes too long to fully load.

You need to evaluate the form design to improve loading performance.

Which three control types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. timeline

B. quick view form

C. iFrame

D. lookup

Correct Answer: *BCD*

koboj 2 months, 2 weeks ago

Correct for me

upvoted 1 times

Topic 2 - Question Set 2

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. Determine whether the solution meets the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.

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

A university implements Dynamics 365 Sales. Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records.

Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.

You need to ensure that employees from more than one department can work on the same opportunities when necessary.

Solution: Use position hierarchy security and define the two departments as positions.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*

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

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

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

Reference:

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

Community vote distribution

A (54%) B (46%)

HaseebJamshed Highly Voted 2 years, 8 months ago

I think No - Instead use access team templates and give access to members in the two departments.

upvoted 32 times

stooperda101 Highly Voted 2 years, 6 months ago

No - if Dep 2 is under Dep 1, users in Dep 2 position will never get access to Dep1 data. Access teams or direct sharing.

upvoted 14 times

At09 Most Recent 4 months, 4 weeks ago

Answer is NO

upvoted 3 times

Epistlero 5 months, 1 week ago

I think the answer is yes using the positional hierarchy

https://learn.microsoft.com/en-us/power-platform/admin/hierarchy-security?tabs=preview

upvoted 2 times

the_odd_one 5 months, 3 weeks ago

Selected Answer: A

This makes it Yes IMO

"Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records."

Position hierarchy enables reed access only. And this text in the question states that only reed access is required. The question also state that the problem is that the departments cannot view the records.

upvoted 1 times

MikeAWS 5 months, 4 weeks ago

B. No.
Explanation:
Position hierarchy security is a way to control access to records based on the position of the user. In this case, the two departments are defined as positions. This means that users who are in the same position will be able to see all opportunities, regardless of the department that the opportunity belongs to. However, the goal is to allow employees from multiple departments to work on the same opportunities. This is not possible if the two departments are defined as positions.
upvoted 2 times

uberlord 6 months ago
Selected Answer: A
A for me
upvoted 1 times

qub3 6 months ago
Selected Answer: B
The department are parallel to each other and not in a hierarchical setup.
upvoted 1 times

davo011 6 months, 1 week ago
I will have the exam next Monday, any advise?
upvoted 2 times

lezzles11 6 months, 2 weeks ago
Selected Answer: B
It says in the documentation:
Users at the higher positions in the hierarchy have access to the data of the users at the lower positions, in the direct ancestor path. The direct higher positions have Read, Write, Append, AppendTo access to the lower positions' data in the direct ancestor path. The non-direct higher positions, have Read-only access to the lower positions' data in the direct ancestor path. It doesn't reference whether or not you can access another department's data (assuming they are on the same level).
upvoted 1 times

jkaur 6 months, 3 weeks ago
answer should be No
upvoted 2 times

ziggy1117 7 months, 1 week ago
Selected Answer: A
https://learn.microsoft.com/en-us/power-platform/admin/hierarchy-security

answer is correct
upvoted 3 times

700157a 7 months, 1 week ago
The answer is NO, option B.
Hierarchy security works with the logic of a hierarchy. That is, the parent can access the child's data, but the child does not have access to the parent's data.

In this example, users in two different BUs must have access to each other's data. In this case, it is correct to use access team.
upvoted 2 times

DimpleG 1 year ago
Selected Answer: B
B. No. Position hierarchy security allows users to access records that are owned by or shared with users in the same position or a higher position in the hierarchy. While it can be used to restrict access to certain records, it would not allow employees from different departments to work on the same opportunities. To allow employees from different departments to work on the same opportunities, you would need to use another type of security, such as record-level security, team-based security, or sharing rules. You can also look for other solutions like creating teams, roles and sharing rules.
upvoted 1 times

DenisRossi 1 year, 1 month ago
Selected Answer: B
No.
Position is better for managers access between BUs.
In this case the access is for employess, Team Teamplates works better.
upvoted 1 times

rober13 1 year, 2 months ago
Selected Answer: B
B : No
upvoted 1 times

rober13 1 year, 2 months ago
I didn't read the question very well. So, it is A "yes" beacuase it is "position Hierachy"
upvoted 1 times

Fyrus 1 year, 2 months ago

Selected Answer: B

I think it's NO. I mean, It can solve the problem but stills, it seems so wrong to me... better work with teams, Security Roles etc than use Hierarchy Security in this way

upvoted 1 times

Fyrus 1 year ago

every time I come to this question I think of a different answer. It's like someone wrote in another question:

Question: You want to get off your room that it's on the first floor (not ground). You open your window and jump off the street. Does this solve your problem? Yes or No?

Well, yes, but it's not the better action and that's why people here are "No because Team Templates work better" or whatever...

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. Determine whether the solution meets the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A university implements Dynamics 365 Sales. Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records.
Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.
You need to ensure that employees from more than one department can work on the same opportunities when necessary.
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

Correct Answer: *B*
Instead use position hierarchy security and define the two departments as positions.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/hierarchy-security

Community vote distribution
B (69%) A (31%)

No_Doubt Highly Voted 1 year, 3 months ago
Selected Answer: B
I believe the phrase "when necessary" answers the question, Organization-level means "always".
upvoted 8 times

STH 5 months, 1 week ago
The question does not say "ONLY when necessary".
If you always can do something, you obviously can do it when necessary

And has the question is not about if it is the best way but a working way... I think the answer is Yes
upvoted 1 times

STH 5 months, 1 week ago
my bad, it is previously said that "You configure the system to ensure that each department can only work on their own records"

so you're right, bringing both requierements together it results in "only when necessary"
upvoted 1 times

DenisRossi 1 year, 1 month ago
Agree with you.

Team templates can do the job in this case.
upvoted 2 times

Kratinhos Highly Voted 1 year, 6 months ago
Selected Answer: B
The way I see it is if you give organization-level access to opportunities and assign this security role to Dep 1 and Dep 2 they'll see every other department's opportunities, this isn't incorrect at all but it is inefficient for sure... use access teams instead
upvoted 6 times

At09 Most Recent 4 months, 4 weeks ago
Answer is NO
upvoted 2 times

dj74 5 months ago
Selected Answer: A
Not what you would do but it works

upvoted 1 times

YYCRMGuy 5 months, 1 week ago

Selected Answer: A

While the scenario explanation says you did configure it to restrict access, users are now complaining and needing access. There are other solutions, some arguable better, but this solution would work.

upvoted 2 times

MikeAWS 5 months, 4 weeks ago

B. No
Explanation: The proposed solution does not meet the goal. Giving a security role organization-level access to opportunities would grant access to all opportunities across all departments, which contradicts the requirement to ensure that each department can only work on their own records.

upvoted 2 times

jkaur 6 months, 3 weeks ago

answer should be yes

upvoted 1 times

jkaur 6 months, 1 week ago

sorry it will be NO

upvoted 1 times

700157a 7 months, 1 week ago

"Give this security role to all members of the two departments who need access"
Although I don't like the solution, the solution it offers will solve the current problem.
hence the answer is A.

upvoted 1 times

DenisRossi 1 year, 1 month ago

Selected Answer: B

No
Organization-leval is like a full access... Why implement security and give all access for everyone?

upvoted 4 times

Fyrus 1 year, 2 months ago

Selected Answer: A

You can do that? Yes. Will it solve the problem? Yes.
In my mind it's still better than the last option so use hierarchy

upvoted 1 times

ClairFraser 1 year, 9 months ago

Selected Answer: A

Nowhere was it specified that we must constrain access to opportunities sometimes. It is just said that this is how it was configured initially.

upvoted 4 times

ding_dong 1 year, 4 months ago

You configure the system to ensure that each department can only work on their own records

upvoted 1 times

Anastasii 2 years, 4 months ago

A question from the category: is it possible to get into the street by going out the window? Possible options: yes, no.
This is a closed question. The answer is yes or no, no reservations.
Sure. Why it is better not to do this is another question.

However, in this case, I think it's better to trust the proposed answer ...

upvoted 4 times

AzureXin 2 years, 3 months ago

Ok ka lang?

upvoted 1 times

Menwall88 2 years, 7 months ago

Strange question. Of course if we completely disregard the security concerns, which we are not asked to consider in the question, the solution does meet the goal...

upvoted 4 times

justraj 2 years, 8 months ago

Why not A, it does provide the solution though?

upvoted 4 times

Leila24 2 years, 8 months ago

Security issue. Organization level access makes all opportunities accessible.

upvoted 5 times

PowerRangers 1 year, 1 month ago

Isn't that the exact requirement?
upvoted 1 times

DM456 2 years, 6 months ago
In addition to what Leila24 said the question specifies "when necessary" this solution would violate that constraint.
upvoted 3 times

Question #3 *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 once correct solution, while others might not have a correct solution.
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A university implements Dynamics 365 Sales. Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records.
Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.
You need to ensure that employees from more than one department can work on the same opportunities when necessary.
Solution: Use access team templates and give access to members in the two departments.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*
Instead use position hierarchy security and define the two departments as positions.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/hierarchy-security

Community vote distribution
A (100%)

Govindasahoo Highly Voted 2 years, 8 months ago
I think answer A is correct
upvoted 33 times

Leila24 2 years, 8 months ago
They had a same question in MB400, before the hierarchical extension was introduced. Then access team was a single right answer. Now much easier to use Position. It's still works though, not sure if MS considers this right way.
upvoted 4 times

No_Doubt 1 year, 3 months ago
I don't agree with you Leila, if you use Position Hierarchy, if you are, for example, a part of a customer service organization and want the managers to access service cases handled in different business units, the Position hierarchy may work better for you. But in the question's case, we need employees from a different BUs to be able to work on the same records!
https://learn.microsoft.com/en-us/power-platform/admin/hierarchy-security
upvoted 2 times

Arzo Highly Voted 2 years, 3 months ago
Selected Answer: A
A is the correct answer
upvoted 8 times

SSS_S_S Most Recent 1 month, 2 weeks ago
A is correct
upvoted 1 times

At09 4 months, 4 weeks ago
Answer is YES
upvoted 2 times

Burhanshah 5 months, 1 week ago
A should be the answer. It is the main reason for creating teams so that people from different BU can work on same entities
upvoted 2 times

MikeAWS 5 months, 4 weeks ago
A. Yes
Explanation: Using access team templates and giving access to members in the two departments is a suitable solution to meet the goal. Access teams in Dynamics 365 allow for fine-grained record sharing, enabling employees from multiple departments to collaborate on the same opportunities when necessary, while still enforcing department-specific access controls. Access can be granted on a per-record basis, and access team templates simplify the process of managing these shared access scenarios.

upvoted 1 times

55_Bhavanchandra 6 months, 1 week ago

OPTION A!!! BECAUSE, the solution that mentioned of using access team templates and granting access to members from the two departments does meet the goal of allowing employees from multiple departments to work on the same opportunities when necessary.

Access teams in Dynamics 365 Sales allow you to share records (in this case, opportunity records) with a specific group of users, giving them the required access rights to collaborate on those records. Access team templates define the access rights and permissions that should be granted to members of the access team.

By creating an access team template that includes members from both departments and configuring it to grant them the necessary access to the opportunity records, you can ensure that employees from multiple departments can collaborate on the same opportunities when required. This approach maintains security boundaries while still enabling cross-departmental collaboration on specific records.

upvoted 1 times

lezzles11 6 months, 2 weeks ago

Selected Answer: A

Yes. They allow for record-based sharing of information, in this case, opportunity records, among different teams or departments.

Each department can continue to work on their own records as per the existing setup. When employees from multiple departments need to work together on an opportunity, you can create an access team from the appropriate Access Team Template and add the relevant employees to the team. These team members will then have the necessary permissions to view and work on the shared opportunity records.

upvoted 2 times

BabySheep_ 6 months, 2 weeks ago

A is correct.

upvoted 1 times

BabySheep_ 6 months, 2 weeks ago

I Think A, we create a role allow to access Opportunity org level, then we assign this role to employees who work multiple departments. So, A is correct answer.

upvoted 1 times

jkaur 6 months, 3 weeks ago

answer A is correct

upvoted 1 times

DummyTest1 8 months ago

Selected Answer: A

For sure, this is possible using team

upvoted 2 times

shivarjunBhattarai 11 months, 1 week ago

Selected Answer: A

Yes, the solution meets the goal. Access team templates can be used to provide access to multiple users or teams from different departments to work on the same opportunity. By giving access to members in the two departments, employees will be able to collaborate and work together on the same opportunity. This ensures that employees from multiple departments can work together on the same opportunities when necessary.

upvoted 2 times

DimpleG 1 year ago

Selected Answer: A

A. Yes, using access team templates and giving access to members in the two departments can meet the goal of ensuring that employees from more than one department can work on the same opportunities when necessary. Access team templates are predefined groups of users that can be used to quickly add members to an access team for a specific record. By creating access team templates for the two departments and adding the necessary employees to each template, you can quickly and easily grant access to specific opportunities for employees from different departments to work on when necessary. This solution allows you to grant access to records to specific users or teams of users, regardless of their department and it will work

upvoted 2 times

DenisRossi 1 year, 1 month ago

Selected Answer: A

Yes.
Team template is correct

upvoted 2 times

No_Doubt 1 year, 3 months ago

Selected Answer: A

A is the correct answer

upvoted 2 times

SD29 1 year, 6 months ago

A is the correct answer

upvoted 1 times

Question #4

Topic 2

DRAG DROP -

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

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

- Existing vehicle licensing data must be imported into Microsoft Dataverse and easily queried.
- Red light camera images must be stored in a repository for later analysis.
- Information about traffic violations must be stored and related to vehicle details.

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

Which data storage mechanisms should you use? To answer, drag the appropriate data storage mechanisms to the correct data types. Each storage mechanism may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Data storage mechanisms	Data type	Data storage mechanism
Entity	Vehicle licensing data	
Azure Storage Blob	Red light camera photos	
Azure Cosmos DB	Information about traffic violations	

Correct Answer:

Answer Area

Data storage mechanisms	Data type	Data storage mechanism
Entity	Vehicle licensing data	Entity
Azure Storage Blob	Red light camera photos	Azure Storage Blob
Azure Cosmos DB	Information about traffic violations	Azure Cosmos DB

Box 1: Entity -

Existing vehicle licensing data must be imported into Microsoft Dataverse and easily queried.

Virtual tables (also known as virtual entities) enable the integration of data residing in external systems by seamlessly representing that data as tables in Microsoft

Dataverse, without replication of data and often without custom coding.

A virtual table is a definition of a table in the Dataverse platform without the associated physical tables for table instances created in the Dataverse database.

Instead during runtime, when a table instance is required, its state is dynamically retrieved from the associated external system.

The following data providers ship with Dataverse:

An OData v4 provider is included with the service and is installed by default. This provider supports create, read (retrieve, retrieve multiple), update and delete operations.

An Azure Cosmos DB -

Box 2: Azure Storage Blob -

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

Use Azure Storage Blob for binary data.

Azure Blob storage stores massive amounts of unstructured object data, such as text or binary data.

Box 3: Azure Cosmos DB -

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

Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/get-started-ve https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blobs-introduction

vsharma041990 Highly Voted 2 years, 8 months ago
It should be Entity, Blob Entity
upvoted 74 times

DeinosK 2 years, 8 months ago
https://docs.microsoft.com/en-us/connectors/documentdb/
It says Power Apps --> Not available
upvoted 8 times

d365gkv Highly Voted 2 years, 7 months ago
Entity(Since it says " Existing vehicle licensing data must be imported into Common Data Service and easily queried.")
Azure Storage Blob - Designed to handle such objects
Entity - Since it says "Information about traffic violations must be stored and related to vehicle details" Cosmos DB cannot be used because its noSQL
upvoted 24 times

At09 Most Recent 4 months, 4 weeks ago
Entity Blob Entity
upvoted 1 times

NyarukouSAMA 5 months ago
Well, looks like the answer for the 3rd option indeed can be Azure Cosmos DB. Because you can create a virtual entity using the Cosom DB data provider (https://learn.microsoft.com/en-us/power-apps/maker/data-platform/virtual-entity-documentdb-provider-requirements).

So, based on clarification, that traffic volume is high and quickly grows, Cosmos DB looks like a good solution for this - because this is a NoSQL document DB and traffic info we can represent as a document.
Based on the fact we should make the relationship, a virtual entity using the Cosmos DB data provider fits that condition, I believe, there should be Azure Cosmos DB.
upvoted 5 times

wooderd 3 months, 1 week ago
at least as of nov. 2023, this features is till in preview, so I don't think the exam would base a correct answer on a feature that is not fully released, thus the third answer should be Entity
upvoted 2 times

zewzew 5 months, 3 weeks ago
Because Power apps can not retrieve more than 500 records(2000 max with configuration), I think with high volume of traffic violation, it can not correctly related with vehicle details.
upvoted 1 times

jkaur 6 months, 2 weeks ago
Entity, Azure Storage Blob, Entity
upvoted 2 times

emt2021 9 months ago
the answers are correct.
"The daily volume of traffic violations is very high and growing."
Azure Cosmos DB's design lets you scale to massive request volumes in the order of trillions of requests per day.
https://learn.microsoft.com/en-us/azure/cosmos-db/use-cases
upvoted 5 times

alevalli9 11 months, 4 weeks ago
I agree with people saying:
Entity
Blob Storage
Entity
upvoted 2 times

Muzera 1 year, 7 months ago
It should be Entity, Blob Entity
upvoted 4 times

ClairFraser 1 year, 9 months ago
Entity, Blob, Entity - since indeed there's a requirement for relation between the vehicle licenses and violations.
upvoted 2 times

Vile_R 1 year, 11 months ago
The question is tricky, since it says must to be imported, that means it is in another source, so probably the answer is correct.

Cosmos DB

Azure Blob
Entity
upvoted 2 times

Harminder 1 year, 6 months ago
the question ask the data storage option for new app so Cosmos DB can not be there
upvoted 1 times

sallo 2 years, 8 months ago
Correct Answer is Entity, Azure Storage Blob, Entity.
Azure Cosmos DB it's a noSQL database, and it's not the best choice for images.
upvoted 11 times

Question #5 *Topic 2*

A financial institution that has a Dynamics 365 Sales 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. Set the field to Read-Only and then publish the entity

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

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

D. Enable field security and then publish the entity

E. Create a field security profile

Correct Answer: *BDE*
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

Community vote distribution
BDE (100%)

luvasgloves Highly Voted 2 years, 5 months ago
Correct
upvoted 18 times

Emehoku Highly Voted 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 5 times

jkaur Most Recent 6 months, 3 weeks ago
BDE answer
upvoted 1 times

SandeshSandy1 9 months, 1 week ago
CHATGPT response BCE,so what is the correct answer BCE or BDE?
upvoted 1 times

alevalli9 11 months, 4 weeks ago
Selected Answer: BDE
Provided answers are correct
upvoted 2 times

SD29 1 year, 6 months ago
BDE is correct
upvoted 1 times

Muzera 1 year, 7 months ago
Selected Answer: BDE
Correct
upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

Parth91 1 year, 8 months ago

Selected Answer: BDE

BDE is the correct answer

upvoted 1 times

manfer 1 year, 9 months ago

Selected Answer: BDE

Correct

upvoted 2 times

miguel390 2 years, 1 month ago

Correct

upvoted 2 times

sumiiiiiiiii 2 years, 2 months ago

Answer is correct

upvoted 1 times

JorgeC 2 years, 5 months ago

From the existing documentation answer is correct
https://docs.microsoft.com/en-us/power-platform/admin/field-level-security

upvoted 1 times

Hugolini 2 years, 5 months ago

Correct

upvoted 1 times

Question #6 *Topic 2*

HOTSPOT -

An organization uses Common Data Service.

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

You need to create a single-page app.

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

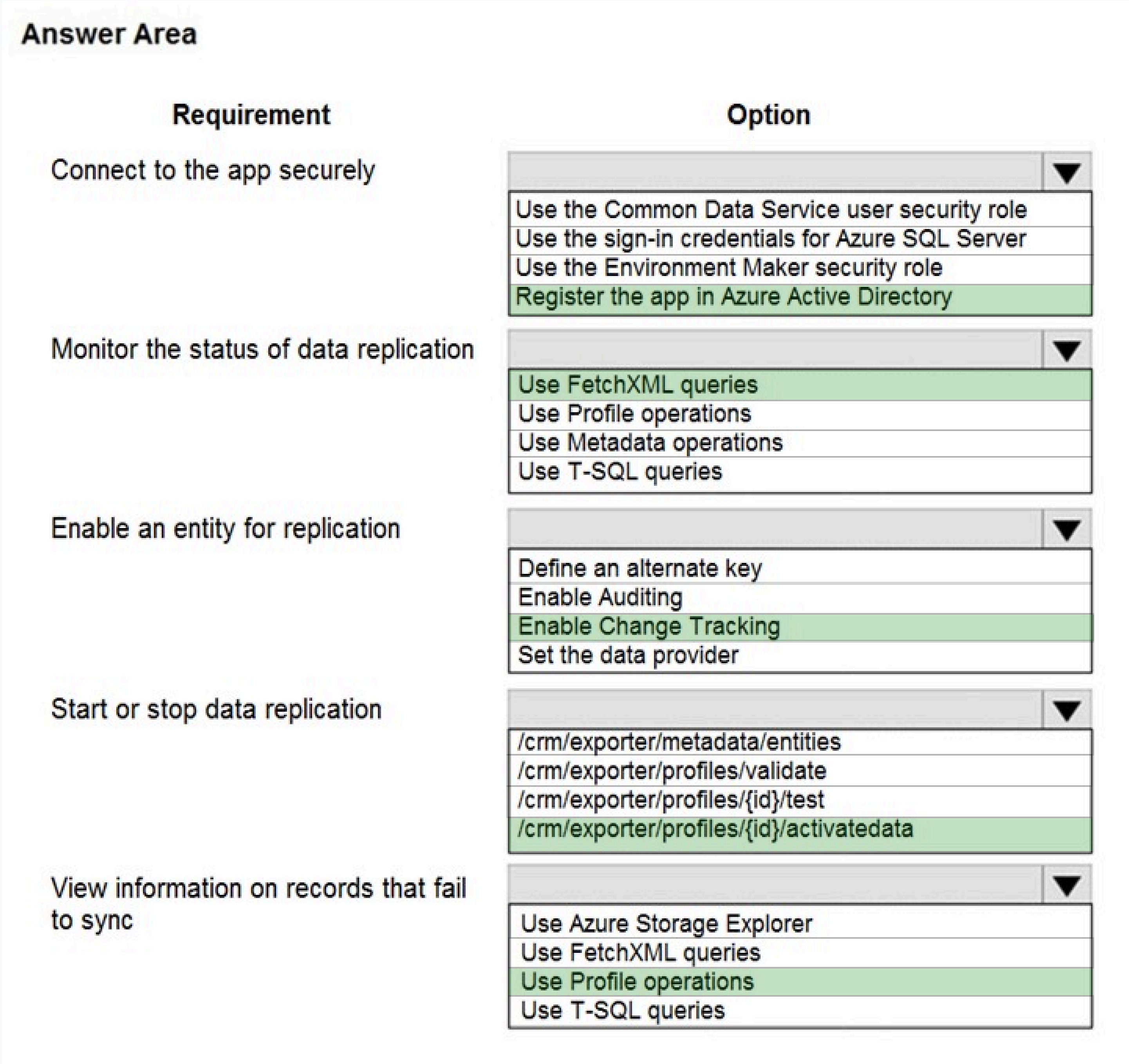
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:



Answer Area

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

Box 1: Register the app in Azure Active Directory

Box 2: Use FetchXML queries -
The failure entries can be retrieved through the Get the failure details for a given Profile request. The response returns a URI to an Azure blob that contains the failure information. Each line has the following comma-separated fields (newlines added for clarity):
Entity: <entity-name>,
RecordId: <ג€N/Aג€ | guid>,
NotificationTime: <datetime>,
ChangeType: <sync-type>,
FailureReason: <description>
Note: FetchXML is a proprietary XML based query language of Microsoft Dataverse used to query data using either the Web API or the Organization service. It's based on a schema that describes the capabilities of the language. The FetchXML language supports similar query capabilities as query expressions.
Incorrect Answers:
The Data Export Service exposes a REST-based API that is divided into two groups: a set of Metadata operations for exploring Dataverse organizational structure, relationships, and connection information; and a set of Profiles operations for configuring and managing each data replication.

Box 3: Enable Change Tracking -
The entities that will be added to the Export Profile must be enabled with change tracking.
Box 4: /crm/exporter/{id}/activatedata
profiles/{id}/activatedata
Activate profile for data replication only.

Note: profiles/{id}/activate -
Activate a profile, which starts replication of both the associated table definitions and data.

Box 5: Use Profile operations -
These failure entries can be retrieved through the Get the failure details for a given Profile request.
Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/data-export-service https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-fetchxml-construct-query

ClairFraser Highly Voted 1 year, 9 months ago
Connect securely - Register in AD Directory - CORRECT
Monitor data replication - Profile operations - INCORRECT. Profile operations is the REST API for monitoring the replication.
Enable an entity for replication - Change Tracking - CORRECT
Start or stop data replication - activatedate -CORRECT
View information on records that fail to sync - Profile operations - CORRECT. Notice that this is not azure sql replication and that GET /crm/exporter/profiles/{id}/failures can be used to view failures.
upvoted 10 times

siddhu_47 Highly Voted 2 years, 5 months ago
No discussions for this question !. :D
Are these answers correct ?
upvoted 9 times

jkaur Most Recent 6 months, 1 week ago
Register in AD Directory
Profile operations
Change Tracking
activatedate
Azure
upvoted 1 times

lezzles11 6 months, 1 week ago
not gonna study for this cuz
Effective November 2021, Data Export Service was deprecated. Data Export Service will continue to work and will be fully supported until it reaches end-of-support and end-of-life in November 2022. More information: https://aka.ms/DESDeprecationBlog
upvoted 6 times

Fyrus 1 year, 2 months ago
DES is now dimissed you should use azure synapse link for dataverse :)
upvoted 5 times

manfer 1 year, 9 months ago
This question doesn't make much sense if this service is now deprecated https://aka.ms/DESDeprecationBlog.
upvoted 4 times

juliettelaurier 1 year, 9 months ago
It will be fully supported until end of life, Nov 2022
upvoted 1 times

kT185 1 year, 11 months ago
1, 3, 4 are 100% correct. 5 should be also correct. For 2 I would go for Profile operations as well but not sure...
upvoted 3 times

kT185 1 year, 8 months ago
TL;DR
1) Register the app in Azure Active Directory (obvious)

2) User Profile Operations: /crm/exporter/profiles - Get Profiles for the specified Organization Id and OPTIONALLY INCLUDE PROFILE STATUS https://discovery.crmreplication.azure.net/swagger/ui/index#/Profiles/Profiles_GetProfilesByOrganizationId

3) Enable Change Tracking (Only entities that have change tracking enabled can be added to the Export Profile)

4) Start or stop data replication: profiles/{id}/activatedata - Activate profile for data replication only.

5) Use Azure Storage Exporer: Viewing the failed record logs can help you determine the cause of synchronization failures. To view failed records in the destination Azure destination database, use Azure Storage Explorer
upvoted 10 times

marimar 1 month, 2 weeks ago
esta pregunta es muy ambigua, ya que por ejemplo, también se puede hacer con el Profile Operations como se puede ver aquí https://learn.microsoft.com/en-us/power-apps/developer/data-platform/data-export-service#error-handling-and-failure-processing usando GET /crm/exporter/profiles/{id}/downloadFailures
upvoted 1 times

marimar 1 month, 2 weeks ago
this question is very ambiguous, as for example it can also be done with Profile Operations as you can see here: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/data-export-service#error-handling-and-failure-processing using GET /crm/exporter/profiles/{id}/downloadFailures
upvoted 1 times

kT185 1 year, 8 months ago

Update: 5 is Azure Storage Explorer - "Viewing the failed record logs can help you determine the cause of synchronization failures. To view failed records in the destination Azure destination database, use Azure Storage Explorer"

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

upvoted 2 times

kT185 1 year, 8 months ago

People say it's profile operation because you can use API: GET profiles/{id}/failures

But it does not return the status, it just returns blob connection string. And you need to paste that connection string to Azure Storage Explorer: https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database#how-to-view-detailed-information-about-the-records-that-failed-to-sync

upvoted 1 times

jojolaf 1 year, 11 months ago

[...] To view failed records in the destination Azure destination database, use Azure Storage Explorer [...]
https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database#error-handling-and-monitoring

upvoted 3 times

jojolaf 1 year, 11 months ago

The provided link is broken.

upvoted 1 times

codrz_ 2 years ago

What's the correct answer?

upvoted 1 times

jagibe 2 years, 1 month ago

I would say #5 is Azure Storage Explorer

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

upvoted 3 times

jagibe 2 years, 1 month ago

https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database#error-handling-and-monitoring

upvoted 5 times

shagen 2 years, 2 months ago

#2 is Profile Operations, you can get the status from this endpoint:
https://discovery.crmreplication.azure.net/swagger/ui/index#!/Profiles/Profiles_GetProfileById

upvoted 2 times

MarlyB 2 years, 2 months ago

In exam 17/12

upvoted 2 times

fihemal249 2 years, 3 months ago

Could someone validate 2 and 5? Not convinced by those answers

upvoted 1 times

KAL18 2 years, 3 months ago

I would say both should be "Profile Operations".

FetchXML is to query CRM tables. We access DES in two ways.
a) Through a Power Apps solution install that creates some DES entities in the system. This way FetchXML can be used to query DES custom entities in the Dataverse.
b) Programmatic access. This way we have to use profile operations.

upvoted 1 times

apatrick 2 years, 4 months ago

All answers are correct ...check the documentation provided

upvoted 2 times

lesiris 2 years, 4 months ago

The first one should be correct, and the third one too. For instance, sql replication needs change tracking to be enabled
https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database#customer-engagement-apps

upvoted 1 times

Question #7 *Topic 2*

HOTSPOT -

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

The following conditions must apply when accounts are reassigned:

⇨ Ownership for completed tasks that are associated with the account must not change.

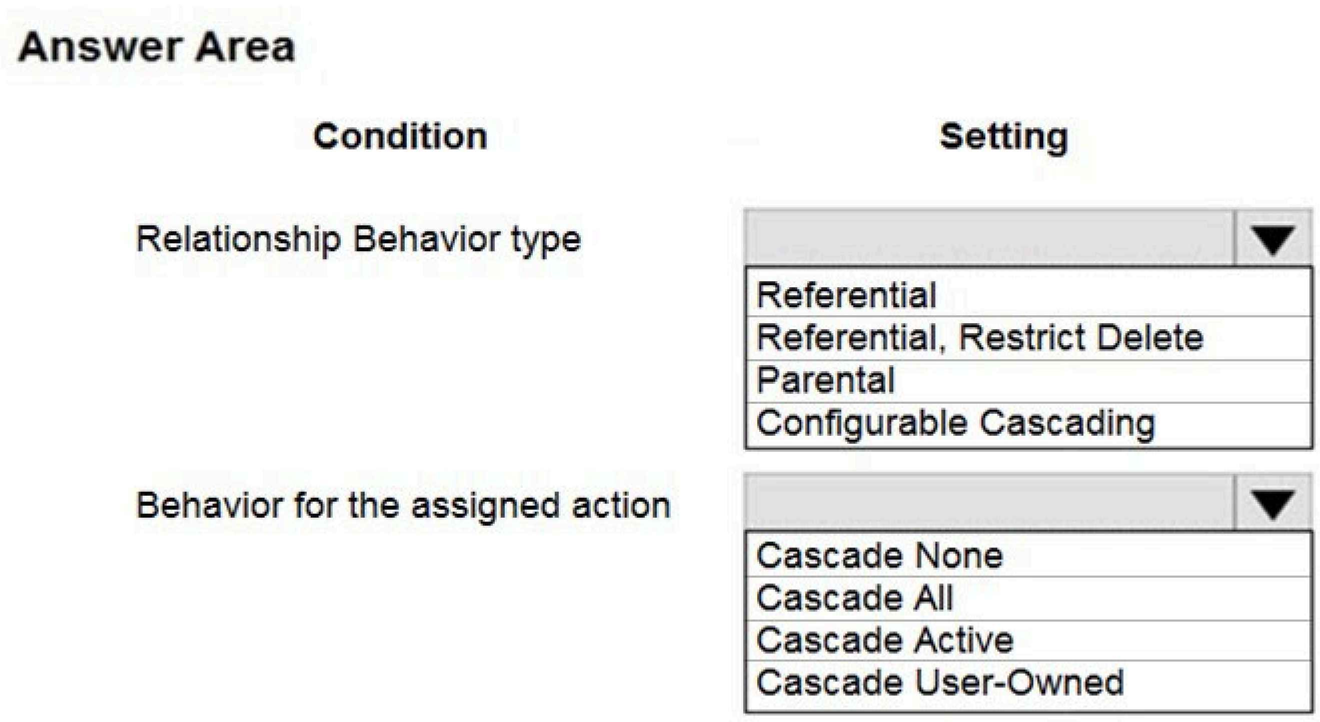
⇨ Outstanding tasks must be reassigned to the new owner of the account.

You need to configure the relationship to meet the requirements.

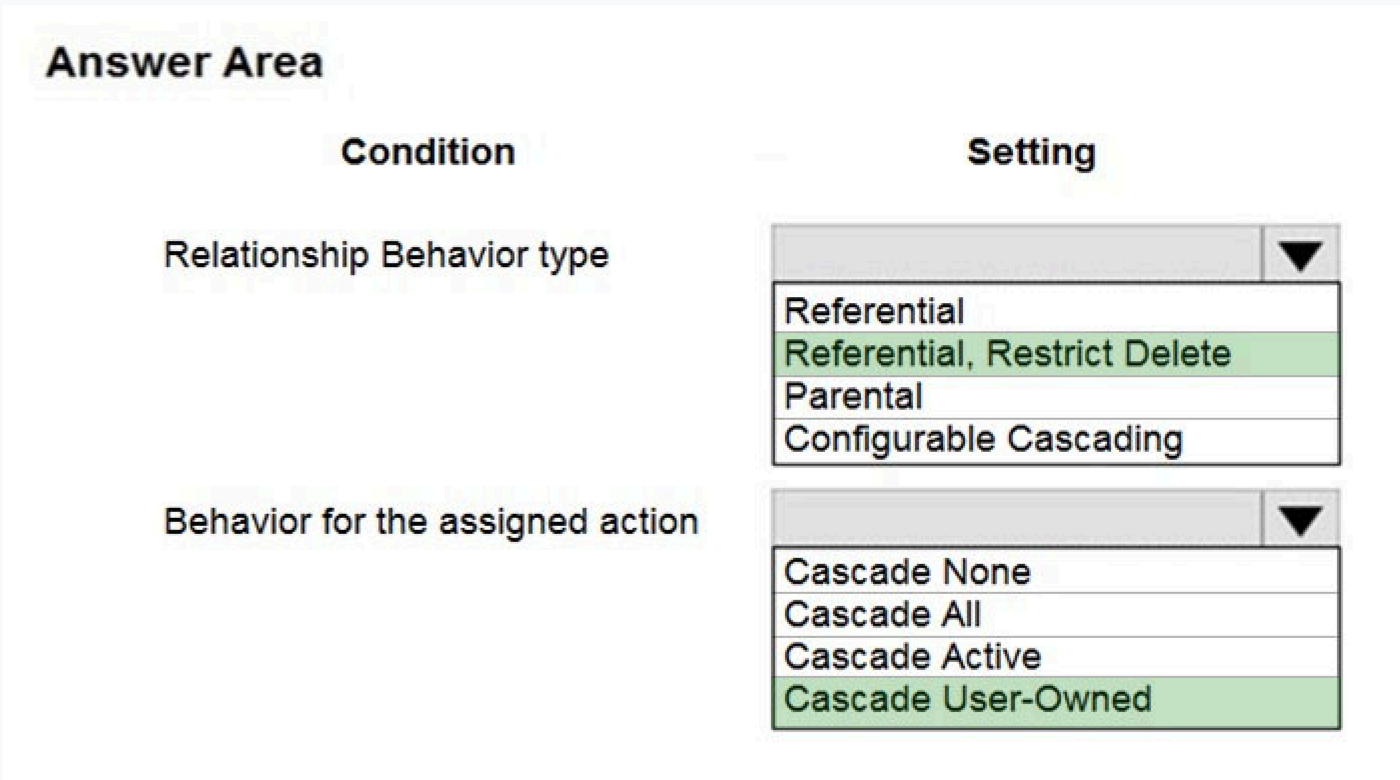
Which settings should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Referential, Restrict Delete

Restrict: Prevent the Referenced table record from being deleted when referencing tables exist.

Box 2: Cascade User Owned -

Cascade User Owned: perform the action on all referencing table records owned by the same user as the referenced table record.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/configure-entity-relationship-cascading-behavior

Luis_Avitia Highly Voted 2 years, 6 months ago

I think it shoul be Configurable Cascading and Cascade Active, with this only the active records (not completed task) will be affected

upvoted 73 times

emt2021 9 months ago

agree:
https://cloudblogs.microsoft.com/dynamics365/no-audience/2006/08/01/configurable-cascading-relationships/

upvoted 2 times

luvasgloves Highly Voted 2 years, 5 months ago

-Configurable Cascading (otherwise option 2 will not be available)
-Cascade Active

upvoted 19 times

SSS_S_S Most Recent 1 month, 2 weeks ago

Configurable Cascading and Cascade Active

upvoted 1 times

jkaur 6 months, 3 weeks ago

-Configurable Cascading
-Cascade Active

upvoted 1 times

700157a 7 months ago

Answer is Configurable Cascading and Cascade Active.
Cascade Active, Perform the action on all active referencing entity records associated with the referenced entity record.
Cascade User Owned, Perform the action on all referencing entity records owned by the same user as the referenced entity record.

upvoted 1 times

Learning_ninja 1 year, 2 months ago

This was a requirement for my client recently. 100% configurable cascade and cascade user owned

upvoted 1 times

MoSun_Amini 1 year, 6 months ago

1> Configurable Cascading (Enables selection of 4 different cascading options)
2> Cascade Active (Outstanding tasks are still Active)

upvoted 1 times

SD29 1 year, 6 months ago

Configurable Cascading
Cascade Active

upvoted 3 times

Muzera 1 year, 7 months ago

Configurable Cascading and Cascade Active

upvoted 2 times

ansrikanth1 2 years ago

As per the classic UI it should be Configurable Cascading & Cascade Active.

upvoted 3 times

crismadalina 2 years ago

#1 Configurable Cascading
#2 Cascade Active

upvoted 2 times

sumiiiiiiiii 2 years, 2 months ago

configurable Cascading and cascade Active as it say reassign only outstanding records not all user owned records

upvoted 2 times

Fennek1893 2 years, 6 months ago

I think it should be Referential and Cascade User Ownded
-> Referential: Any related records can be navigated to, and actions taken on one will not affect the other.
-> Cascade user owned: Perform the action on all referencing entity records owned by the same user as the referenced entity.

Referential, Restrict Delete: Any related records can be navigated to. Actions taken on the parent record will not be applied to the child record, but the parent record cannot be deleted while the child record exists.

upvoted 1 times

hppp 1 year, 11 months ago

Bro, u are smoking the good ones right.
Just kidding, it must be configurable cascading first, otherwise the other options won't show up.

upvoted 2 times

MarkusH87 2 years, 6 months ago

First needs to be "configurable" - otherwise it would not be possible to set second option

upvoted 7 times

Question #8 *Topic 2*

DRAG DROP -

A company has Common Data Service (CDS) environments for development, test, and production.

You have a model-driven app that consists of two solutions. The solutions include settings and reference data. You plan to move the solutions, app settings, and reference data from a development environment to a production environment.

You export each solution from the development environment as a zip file.

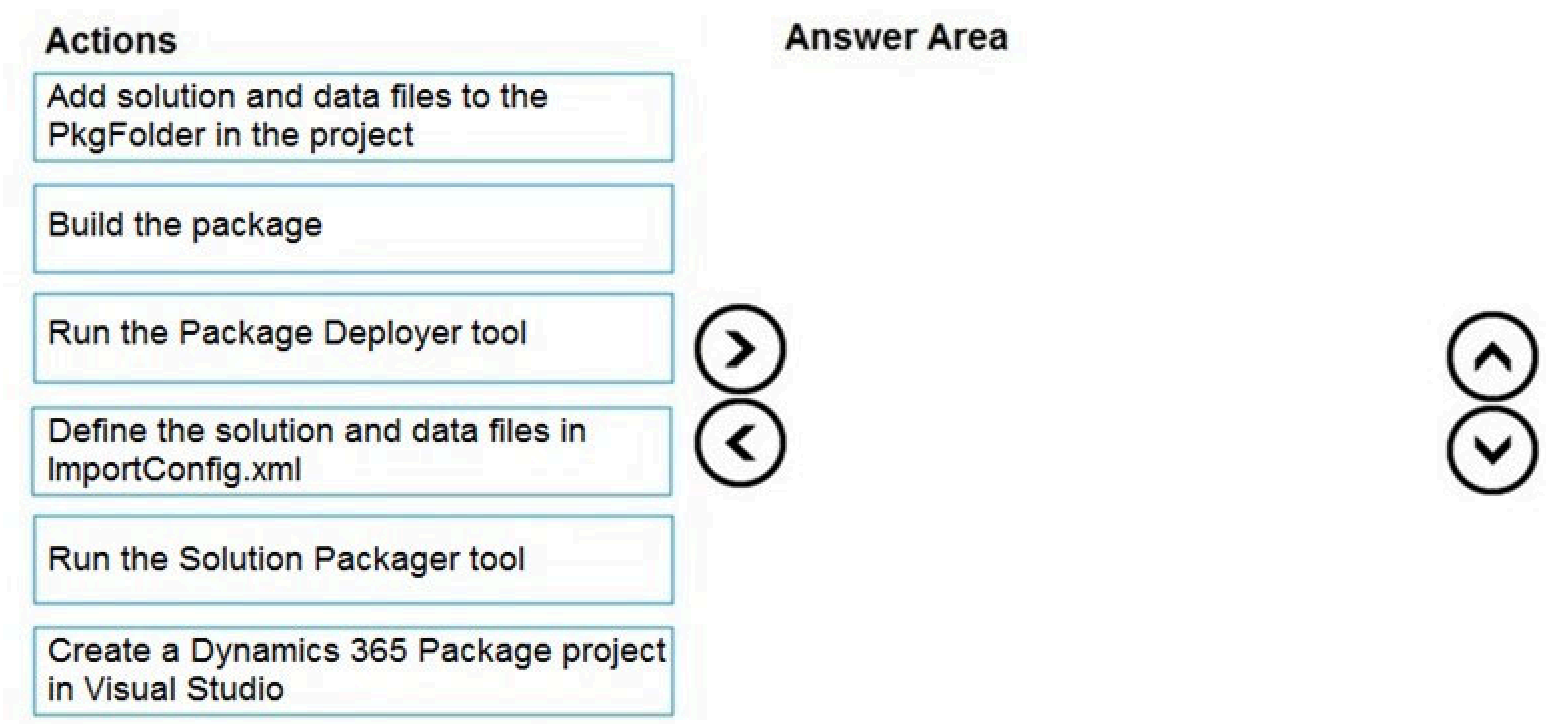
You run the Configuration Manager to export the settings and reference data as zip files.

You need to prepare the app and its settings for deployment.

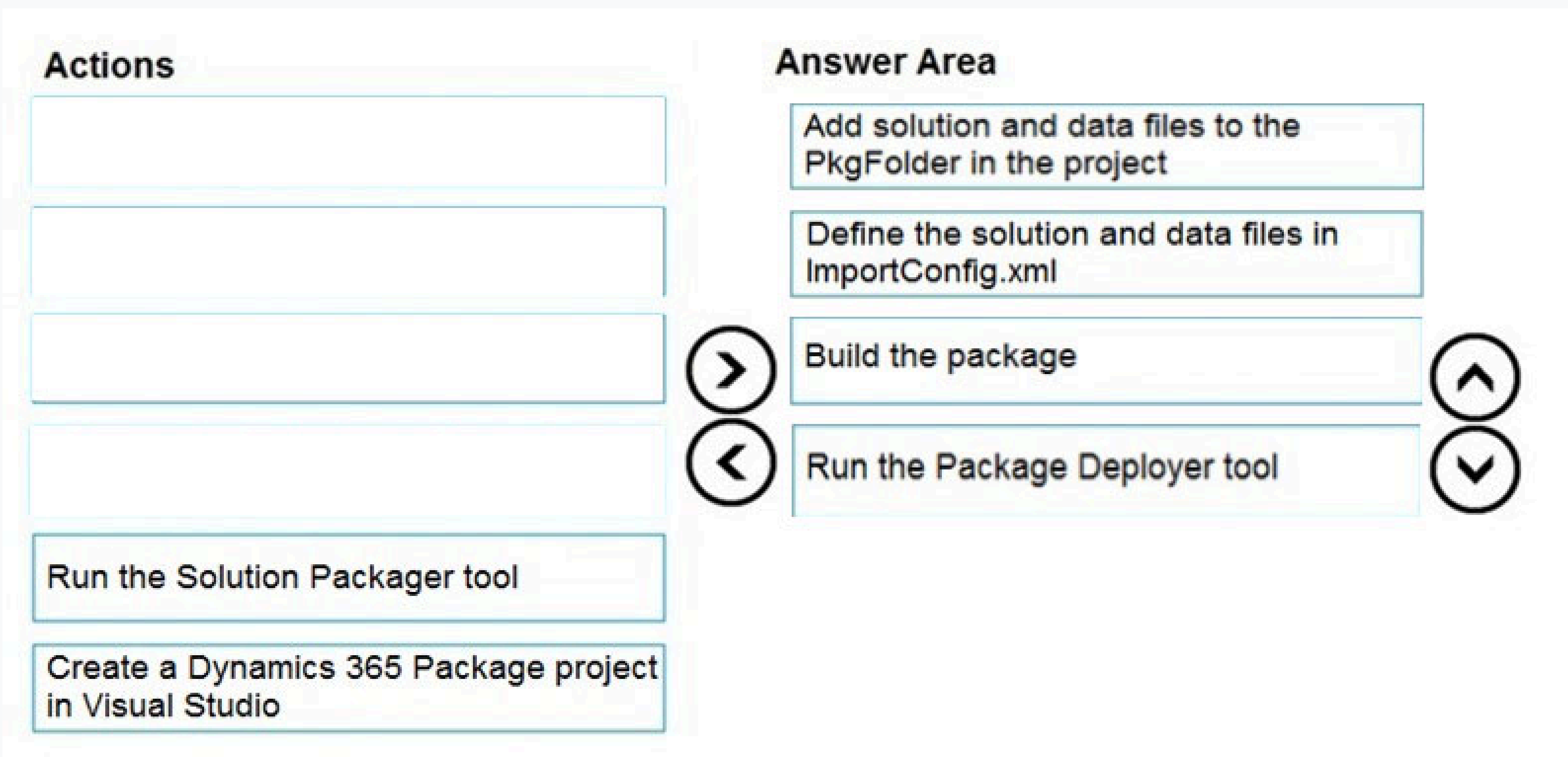
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

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

Select and Place:



Correct Answer:



Step 1: Add your files to the project

In the Solutions Explorer pane, add your solutions and files under the PkgFolder folder.

For each file that you add under the PkgFolder folder, in the Properties pane, set the Copy to Output Directory value to Copy Always. This ensures that your file is available in the generated package.

Step 2: Define the solution and data files in ImportConfig.xml

Define the package configuration by adding information about your package in the ImportConfig.xml file available in the PkgFolder.

Step 3: Build the package -

Step: Run the Package Deployer tool

After you create a package, you can deploy it on the Dataverse instance by using either the Package Deployer tool or Windows PowerShell.

Reference:

https://docs.microsoft.com/en-us/power-platform/alm/package-deployer-tool

asnsdvjksdvsdvnklnkldfnkl Highly Voted 2 years, 5 months ago
I think create the project in Visual studio should be the first answer, the next 3 drop down a place. "Run the package deployer tool" should drop, because the question asks you to prepare for deployment, not actually do it. Typical MS question though, ambiguous and trips you up on a pointless element of the question.
upvoted 37 times

getazusername 2 years, 4 months ago
- Create a dyanamics 365 package project in visual studio
So you assume correct answer is this, i am right?
- add solution and data files to the pkg folder in the project
- define the solution and data files in importconfig.xml
- build the package
upvoted 17 times

getazusername 2 years, 4 months ago
*So you assume correct answer is this, i am right?
- Create a dyanamics 365 package project in visual studio
- add solution and data files to the pkg folder in the project
- define the solution and data files in importconfig.xml
- build the package
upvoted 21 times

piboke Highly Voted 2 years, 3 months ago
1. Create project in VS
2. Move files to PkgFolder
3. Define solution importConfiguration.xml
4. Build package

https://docs.microsoft.com/en-us/power-platform/alm/package-deployer-tool
upvoted 15 times

At09 Most Recent 4 months, 4 weeks ago
1. Create project in VS
2. Move files to PkgFolder
3. Define solution importConfiguration.xml
4. Build package
upvoted 1 times

MuhammadSaadFahim 5 months ago
according to https://carldesouza.com/dynamics-crm-package-deployer/
below looks correct:

- Create a dyanamics 365 package project in visual studio
- add solution and data files to the pkg folder in the project
- define the solution and data files in importconfig.xml
- build the package
upvoted 1 times

MikeAWS 6 months ago
To create a Package Deployer package, you will perform the following steps.

- Create a Visual Studio or MSBuild project
- Add solutions and other files to the project
- Update provided HTML files (optional)
- Specify configuration values for the package
- Define custom code for the package
- Build and deploy the package
upvoted 1 times

jkaur 6 months, 3 weeks ago
1. Create a Dynamics 365 Package project in Visual Studio.
2. Add solution and data files to the PkgFolder in the project.
3. Define the solution and data files in Import Config.xml
4. Build the package
upvoted 1 times

whiteblack 9 months, 2 weeks ago
I go with 1)Power Virtual Agents 2) Power Virtual Agents and 3)Power Automate.
upvoted 3 times

Shaowei 11 months, 3 weeks ago
The question is "You need to prepare the app and its settings for deployment.", so I agree create the project in Visual studio be the first answer.
upvoted 1 times

SD29 1 year, 6 months ago
Create a dyanamics 365 package project in visual studio
add solution and data files to the pkg folder in the project

define the solution and data files in importconfig.xml
build the package

upvoted 1 times

atki_real 1 year, 6 months ago

According to the question, you are not supposed to run the deployment. You need only to prepare the package. So the right answer should be: 1. Create project in VS, 2. Move files to PkgFolder, 3. Define solution importConfiguration.xml, 4. Build package

upvoted 1 times

pkatsa 1 year, 9 months ago

in exams 24/5
I chose:
- Create a dynamics 365 package project in visual studio
- add solution and data files to the pkg folder in the project
- define the solution and data files in importconfig.xml
- build the package

upvoted 4 times

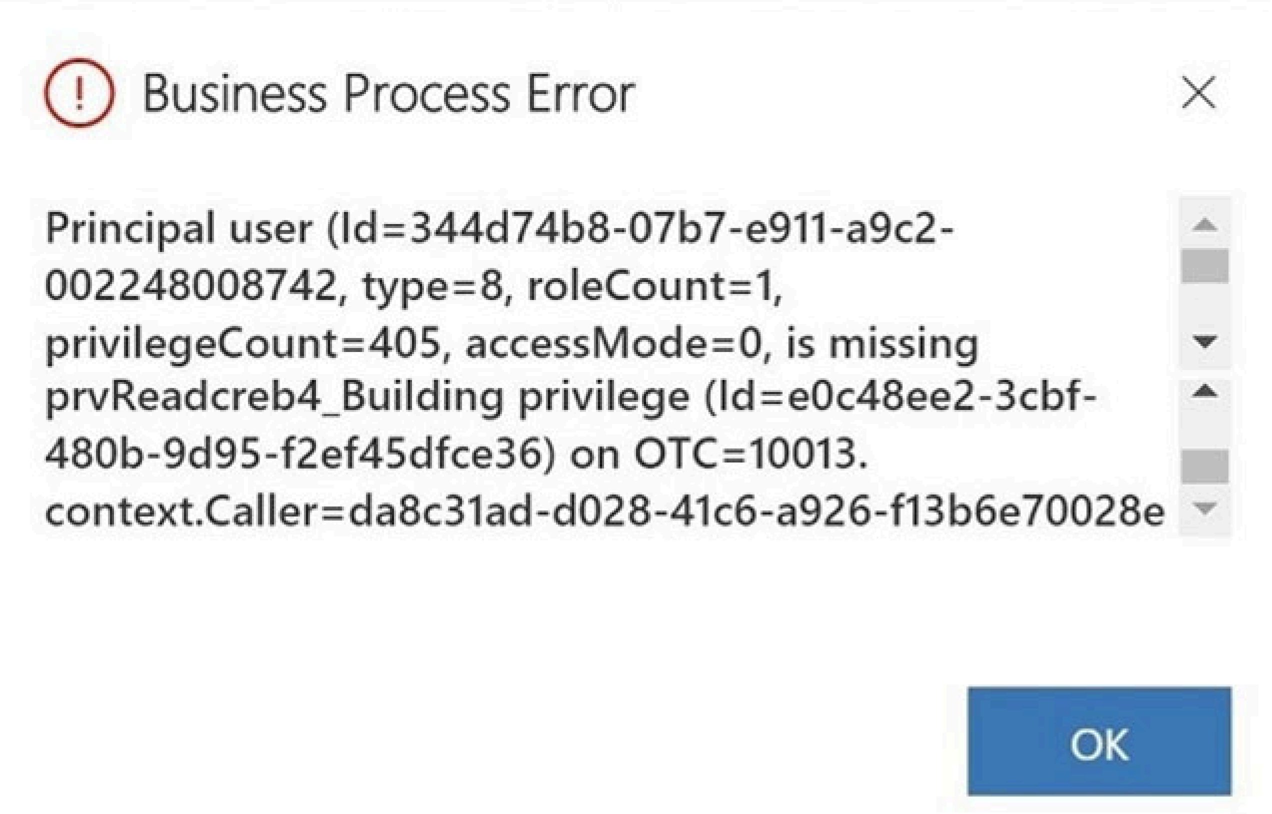
cscssss 2 years, 2 months ago

111111

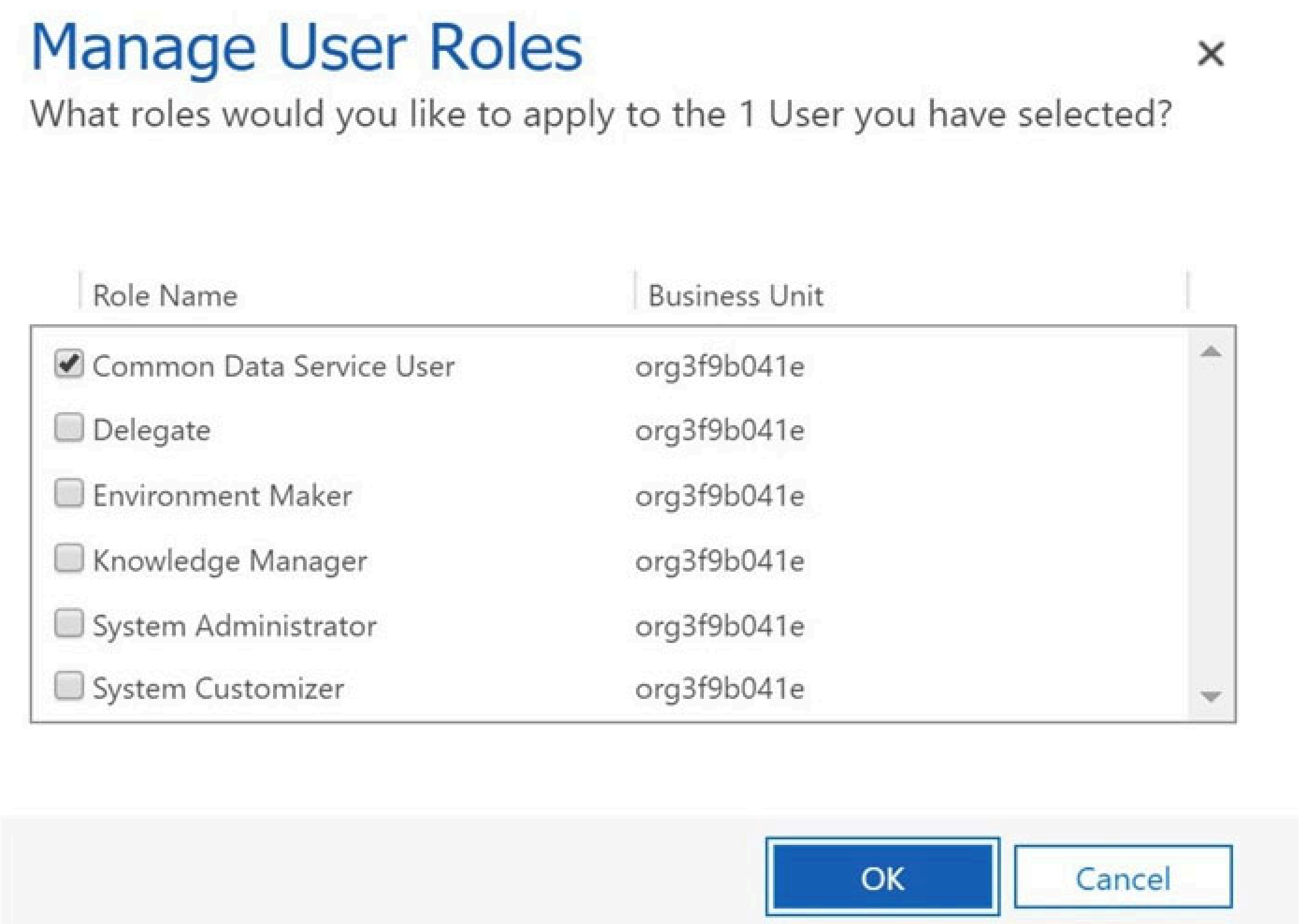
upvoted 1 times

Question #9 *Topic 2*

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 gives the user more access than needed to prevent the error from recurring.	○	○
Setting all the privileges for the Building entity to **User** prevents the error from recurring.	○	○

Correct 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 gives the user more access than needed to prevent 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

ansrikanth1 Highly Voted 2 years ago
No,No, Yes, Yes. The system customizer by default get full permissions on all custom entities as well
upvoted 21 times

gmanunta81 11 months, 1 week ago
No,No,Yes,Yes should be technically correct but usually the systems administrators should not give this kind of role to a normal user
upvoted 2 times

BDXYZ Highly Voted 2 years, 3 months ago
The last one is Yes because the question states that the custom entities are in a parental relationship with the account table. So when the account is reassigned the related building record will also be reassigned.
upvoted 14 times

At09 Most Recent 4 months, 4 weeks ago
NNYY IS THE RIGHT ONE
upvoted 1 times

jkaur 6 months, 1 week ago
no,no yes,yes
upvoted 2 times

ziggy1117 6 months, 3 weeks ago
came out in Exam Aug 10, 2023. My score: 918. I answer NNYY
upvoted 7 times

sindyvaness 8 months ago
In the certification test 07/23/2023
upvoted 3 times

sindyvaness 8 months ago
In the text exam on 06-23-2023
upvoted 3 times

SashM 1 year, 1 month ago
Answer:N N Y Y.
By default, system customizers have full access to custom entities.
Ref: https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/privileges-required-customization?view=op-9-1
upvoted 2 times

kT185 1 year, 11 months ago
I would go for N, N, N, Y:
1) There is a read error, not Append To.
2) The Environment Maker role doesn't have any privileges to access data within an environment.
3) Users with this role (System Customizer) can only view records for environment entities that they create.
4) The question states that the custom entities are in a parental relationship with the account table. So, when the account is reassigned the related building record will also be reassigned. (BDXYZ explanation)

Ref for answer 2 and 3: https://docs.microsoft.com/en-us/power-platform/admin/database-security#environments-without-a-dataverse-database
upvoted 6 times

bstroescu 1 year, 6 months ago
I disagree with #3. Should be "Yes" because Sys. Customizer gives full access to all default entities in environment and that's not needed, only the Account entity is needed.
upvoted 3 times

VinceVodb 2 years, 1 month ago
No No Yes Yes

System customizer role gives access to all entities
upvoted 10 times

wwwtmmm 2 years, 1 month ago
No No No Yes
upvoted 12 times

Eskape 2 years, 5 months ago
I think it should be N N Y N
The last one being N because user level doesn't guarantee they'll have access to the data

upvoted 3 times

KAL18 2 years, 3 months ago

Question says that you are assigning a record that you own. So the last one should be Yes.
> You run a real-time workflow that assigns an account you own to another user.

upvoted 2 times

KAL18 2 years, 3 months ago

Please ignore my previous comment
Correction:
Question says that you are assigning a record that you own to another user. So, giving the read rights to another user should reassign referenced records to that user, hence preventing the error.
> You run a real-time workflow that assigns an account you own to another user.

upvoted 1 times

ClickDTest 2 years, 6 months ago

How is this not No, Yes, Yes, Yes?
Seems like if the Environment Maker Role can do all that it would all make that error go away, no?

upvoted 1 times

DM456 2 years, 6 months ago

Environment Maker gives permissions to customize but it does not give any access to the underlying data.

https://docs.microsoft.com/en-us/power-platform/admin/database-security#environments-without-a-dataverse-database

upvoted 2 times

Question #10 *Topic 2*

DRAG DROP -
A company is creating a new system based on Microsoft Dataverse.
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
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

Correct 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	one-to-many relationship
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: one-to-many relationship -
Only one (1:N) self-referential relationship per table can be set as hierarchical. In a self-referential relationship the primary table and the related table must be of the same type.

Box 2: one-to-many relationship -
1:N (One-to-Many) - A table relationship where one table row for the Primary table can be associated to many other Related table rows because of a lookup column on the related table.
Note: The N:1 (many-to-one) relationship type exists in the user interface because the designer shows you a view grouped by tables. 1:N relationships actually exist between tables and refer to each table as either a Primary/Current table or Related table. The related table, sometimes called the child table, has a lookup column that allows storing a reference to a row from the primary table, sometimes called the parent table. A N:1 relationship is just a 1:N relationship viewed from the related table.
Box 3: many-to-many relationship
N:N (Many-to-Many) - A table relationship that depends on a special Relationship table, sometimes called an Intersect table, so that many rows of one table can be related to many rows of another table.
When viewing rows of either table in a N:N relationship you can see a list of any rows of the other table that are related to it.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships https://docs.microsoft.com/en-us/power-apps/maker/data-platform/visualize-hierarchical-data

Vivinator1 Highly Voted 2 years, 5 months ago
Correct, for the self-referential URL: https://docs.microsoft.com/en-us/powerapps/maker/data-platform/visualize-hierarchical-data

When a table is configured to have a hierarchical self-referential relationship you can configure visualizations using that hierarchy.
upvoted 15 times

Mrbrownn Most Recent 2 months, 1 week ago
On exam 12-19-2023

upvoted 2 times

jkaur 6 months, 3 weeks ago
self-referential
one-to-many
many-to-many
upvoted 3 times

ziggy1117 7 months ago
a. self-referential
b. 1 to many
c. many to many
upvoted 3 times

700157a 7 months ago
self-referential relationship
one-to-many
many-to-many
upvoted 2 times

Sauradj 8 months, 3 weeks ago
First one should be self-referential, it even says that in the comment also "Only one (1:N) self-referential relationship per table can be set as hierarchical. In a self-referential relationship the primary table and the related table must be of the same type."
upvoted 3 times

justin_s 1 year ago
Why NN relationship, not connection ?
upvoted 1 times

TheExamMaster2020 1 year, 4 months ago
Why can't 1 be self-referential? I feel like the question doesn't give enough information to choose between self-referential and one-to-many for the first question. But if you'd go with one-to-many, you'd only be able to have 2 different levels of hierarchy, right?
upvoted 2 times

> **V05** 1 year, 1 month ago
> I agree, ideally the option should be "self-referential one-to-many (1:N) relationship"
> Link: https://learn.microsoft.com/en-us/power-apps/maker/data-platform/define-query-hierarchical-data
> upvoted 1 times

Muzera 1 year, 7 months ago
"Records in one entity must be able to reference a single record in another entity" It's one-to-one, not one-to-many, am I wrong?
upvoted 1 times

> **sindyvaness** 8 months ago
> Records (in plural) in one entity must be able to reference a single record in another entity
> upvoted 1 times

> **Muzera** 1 year, 7 months ago
> Forget this comment, given answers are correct
> upvoted 1 times

ppguru 2 years, 1 month ago
Correct
upvoted 3 times

MarlyB 2 years, 2 months ago
In exam 17/12
upvoted 1 times

Hugolini 2 years, 5 months ago
Correct
upvoted 3 times

Question #11 *Topic 2*

HOTSPOT -

A school district wants to standardize student information and student performance records. Students in the district are assigned to a specific school. Students are evaluated using class records.

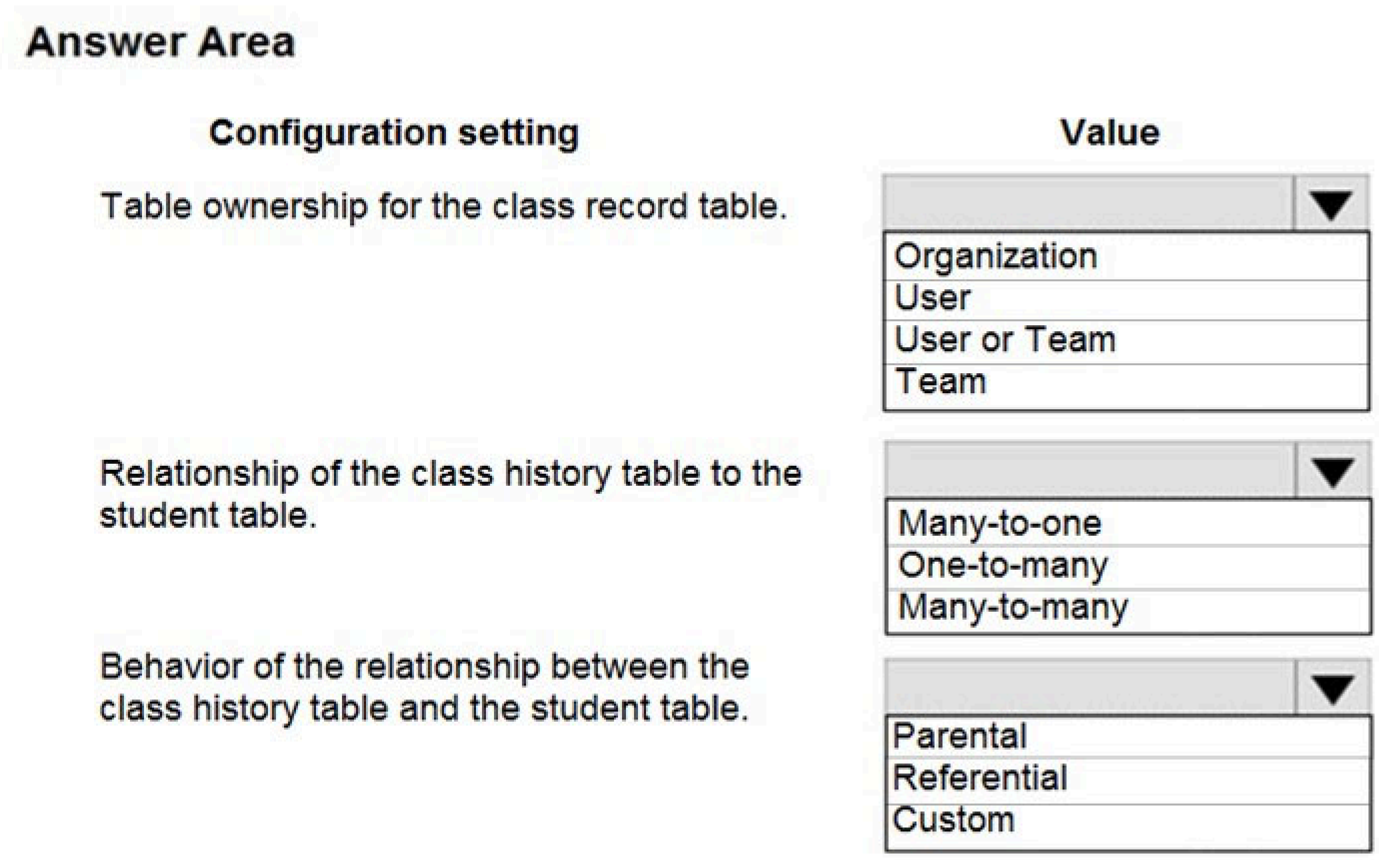
When students move between schools in the middle of a school year, the student's current class history must be available to the administrators at the new school.

You need to configure Microsoft Dataverse tables to connect the class history records to their respective class records.

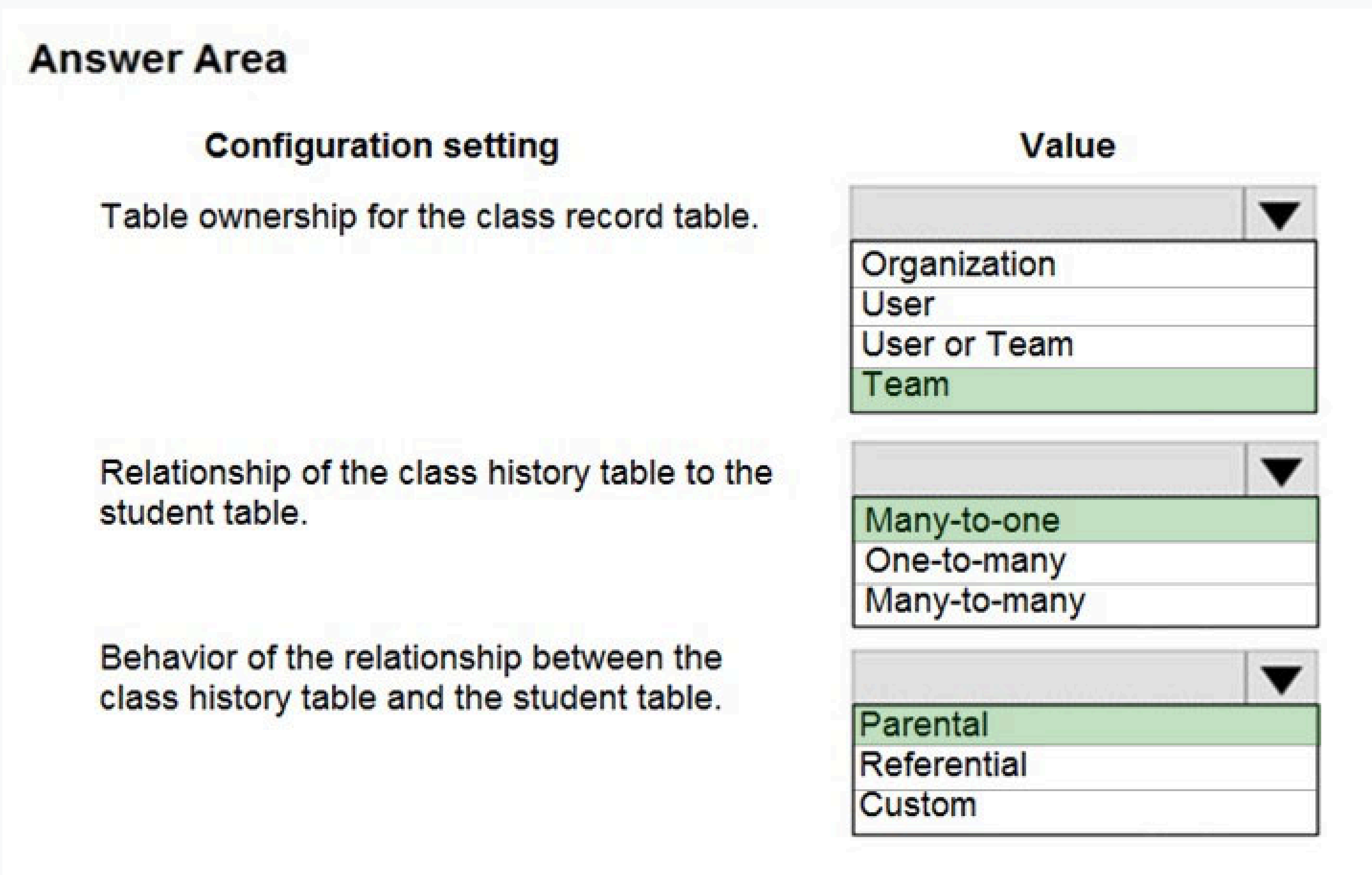
How should you configure the table? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Team -

'the student's current class history must be available to the administrators at the new school.'

Box 2: Many-to-one -

Box 3: Parental -

The N:1 (many-to-one) relationship type exists in the user interface because the designer shows you a view grouped by tables. 1:N relationships actually exist between tables and refer to each table as either a Primary/Current table or Related table. The related table, sometimes called the child table, has a lookup column that allows storing a reference to a row from the primary table, sometimes called the parent table. A N:1 relationship is just a 1:N relationship viewed from the related table.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/user-team-entities https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-entity-relationships#types-of-table-relationships

MarkusH87 Highly Voted 2 years, 6 months ago
First one should be "User or Team" as there is no option to set ownership only to "Team"
upvoted 58 times

piboke Highly Voted 2 years, 3 months ago
1. "User or Team" - there is no "User" and "Team" setting
2. Many-to-one - each student has it's own class history records
3. Parental - when moving student his class history is moved with him to the new school.
upvoted 38 times

SSS_S_S Most Recent 1 month, 2 weeks ago
1. "User or Team" - there is no "User" and "Team" setting
2. Many-to-one - each student has it's own class history records
3. Parental - when moving student his class history is moved with him to the new school.
upvoted 1 times

jkaur 6 months, 3 weeks ago
User or Team
Many-to-one
Referential
upvoted 1 times

jkaur 6 months, 1 week ago
third should be Parental
upvoted 4 times

SD29 1 year, 6 months ago
Team
Many to One
Parental
upvoted 4 times

ClairFraser 1 year, 9 months ago
like @piboke said:

1. "User or Team" - there is no "User" and "Team" setting
2. Many-to-one - each student has it's own class history records
3. Parental - so class history moves along
upvoted 14 times

Ram5566 2 years, 3 months ago
correct answer?
upvoted 1 times

KAL18 2 years, 3 months ago
Shouldn't the first one be "Organization"? Class table is some how similar to the OOB product table.
upvoted 6 times

hppp 1 year, 11 months ago
I don't think so, it's saying "Students are evaluated using class records". So the records are related to the student. With that said, we can assume the class records needs an owner.
upvoted 1 times

qub3 6 months ago
What does ownership has anything to do with being able to relate records. You can relate Products to Opportunity without the Product record requiring an owner.
upvoted 1 times

BDXYZ 2 years, 3 months ago
I think Parental for item 3 so that when the student is assigned to the new school the class history records are also assigned to the new school.
upvoted 2 times

ETU69 2 years, 4 months ago
So, summarized: "User or Team", "Many-to-one", "Referential" :)
upvoted 7 times

powerMaster 1 year, 11 months ago
nah it should be parental because you move the student and its child items (class history) need to be moves as well. This includes the sharing of the history to the new school. Otherwise you would need to move the history manually.
upvoted 3 times

fakeljb3 2 years, 4 months ago

I think the 3rd one should be Referential.
Parental basically means that the students will no longer exists if the History class is gone. Which school does this?

upvoted 3 times

hppp 1 year, 11 months ago

It will still exist as it wasn't mentioned that the records will be deleted, it's saying that the records will move to another school, both student and class history records.
Also, it can't be Referential as only the student record will be moved and the class history will still be owned by the first school, and this is not what the requirement wants us to do.

upvoted 2 times

Eskape 2 years, 5 months ago

Second should be many to one since class history is intersection entity between class and student.

upvoted 35 times

lesiris 2 years, 4 months ago

I agree, in my opinion one record of class history reference only one student. So Many to One

upvoted 2 times

KAL18 2 years, 3 months ago

Agreed. Theoretically, class history table is facilitating N:N relationship between student and class tables that is possible using two N:1 relationships. Hence, class history is related to student as N:1 relationship.

upvoted 4 times

JorgeC 2 years, 5 months ago

Second one is Many-to-one as one class can have multiple tables

upvoted 4 times

Question #12 *Topic 2*

HOTSPOT -

You are developing an app for a sales team to record contact details in Microsoft Dataverse.

The app must handle loss of network and save the data to Dataverse 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,
  Patch(
    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 created by the Patch statement contains all contacts not saved to CDS.	○	○
The expression updates existing contacts in CDS.	○	○
The expression handles loss of connection to CDS.	○	○

Correct Answer:

Answer Area

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

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.

References:

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

Keith_ascent Highly Voted 1 year, 5 months ago

First one should be no as the expression does not handle the action done after reconnecting

upvoted 23 times

SSS_S_S Most Recent 1 month, 1 week ago

N N N Y

upvoted 1 times

At09 4 months, 4 weeks ago

Answer is NNNY

upvoted 2 times

jkaur 6 months, 3 weeks ago

No
No
No
Yes

upvoted 4 times

pawlinne17 8 months, 1 week ago

in exam june 2023

upvoted 2 times

deuel10080 11 months, 3 weeks ago

The first one should definitelybe No since it is no saving to CDS/Dataverse. It is only saving to a local collection.

upvoted 2 times

rober13 1 year, 2 months ago

First one is "no" after I watched Video "offline enabled canvas apps" https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/offline-apps

upvoted 2 times

Lotsrly 1 year, 5 months ago

The first one should be "No" I think.

upvoted 3 times

Question #13 *Topic 2*

You are creating a new page for a Power Apps portal.
You need to display data from Microsoft Dataverse on the page.
What should you use?

A. Liquid

B. CSS

C. iFrame

D. Bootstrap

Correct Answer: *A*
Liquid is an open-source template language that is integrated natively into Microsoft Power Apps portals. It acts as a bridge between Dataverse and the HTML or text output that is sent to the browser. Liquid can be used to add dynamic content to pages and to create a variety of custom templates. Additionally, Liquid provides access only to the data and operations that are explicitly allowed by the portals.
Reference:
https://docs.microsoft.com/en-us/learn/modules/liquid-template-language/

Community vote distribution
A (100%)

isaw Highly Voted 2 years, 2 months ago
Selected Answer: A
correct
upvoted 10 times

Emehoku Most Recent 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 1 times

rober13 1 year, 2 months ago
Selected Answer: A
Power Pages.
upvoted 2 times

SD29 1 year, 6 months ago
A is correct
upvoted 1 times

Muzera 1 year, 7 months ago
Selected Answer: A
Correct
upvoted 1 times

Muzera 1 year, 7 months ago
Liquid is the only option
upvoted 1 times

Muzera 1 year, 7 months ago
Correct
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

jojolaf 1 year, 11 months ago
Selected Answer: A
https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/create-custom-template
upvoted 1 times

CinthiaN 2 years ago
Selected Answer: A
Correct

upvoted 3 times

ThePickOne 2 years, 2 months ago

Correct Answer

upvoted 4 times

Question #14 *Topic 2*

DRAG DROP -

You are creating a canvas app for a company. A security role has been created for sales representatives and a second security role has been created for sales managers.

The canvas app has the following requirements:

⇨ Sales managers must be able to view the records of the salespeople in their business unit.

⇨ Sales managers must be the only people who can view sales probability data in opportunity records.

⇨ Sales representatives and new hires assigned to the same territory share access to sales records.

You need to assign permissions for the app.

Which security options should you use? To answer, drag the appropriate security options to the correct scenarios. Each security 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:

Security options

- Role-based security
- Field-level security
- Record-level security

Answer Area

Scenario	Security option
Sales managers must be able to view the records of the salespeople in their business unit.	Security option
Sales managers must be the only people who can view sales probability data in opportunity records.	Security option
Sales representatives and new hires assigned to the same territory share access to sales records.	Security option

Correct Answer:

Security options

- Role-based security
- Field-level security
- Record-level security

Answer Area

Scenario	Security option
Sales managers must be able to view the records of the salespeople in their business unit.	Role-based security
Sales managers must be the only people who can view sales probability data in opportunity records.	Field-level security
Sales representatives and new hires assigned to the same territory share access to sales records.	Record-level security

Box 1: Role-based security -

Dataverse uses role-based security to group together a collection of privileges. These security roles can be associated directly to users, or they can be associated with Dataverse teams and business units.

Box 2: Field-level security -

Sometimes record-level control of access is not adequate for some business scenarios. Dataverse has a field-level security feature to allow more granular control of security at the field level. Field-level security can be enabled on all custom fields and most system fields.

Box 3: Record-level security -

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/wp-security-cds

vinesantanna Highly Voted 1 year, 11 months ago

Correct!

upvoted 13 times

clux Highly Voted 1 year, 8 months ago

it seems to me like the first should be "record level" while the last should be "Role based"

upvoted 13 times

baughfell 1 year, 7 months ago

Yes I agree. 1) Record 2) Field 3) Role
https://docs.microsoft.com/en-us/power-platform/admin/wp-security-cds

upvoted 2 times

wooderd Most Recent 3 months, 1 week ago

I think the confusion here is that role-based security is not an alternative to row-level or field-level, role-based would be used in conjunction with those. First and third involve controlling which records within a table should be accessed, and second involves specific attributes of a given record, thus the answer should be "1 Record, 2 Field, 3 Record"

upvoted 1 times

MeTToW 4 months, 4 weeks ago

And the first one is Role Based i think and also "Sales representatives and new hires assigned to the same territory" should be in the same BU, so i think they will have the same role based security. "sales probability data" should be a field of a entity, so "Field Level" security works for it.

upvoted 1 times

Sudheer93 5 months ago

In exam 09/23/2023

upvoted 2 times

jkaur 6 months, 2 weeks ago

Record
Field
Role

upvoted 5 times

Alehn96 1 year, 2 months ago

⊸ Sales managers must be able to view the records of the salespeople in their business unit. => This is possible with a role
⊸ Sales managers must be the only people who can view sales probability data in opportunity records.=> This not is possible with Field Level. It's possible oinly with role
⊸ Sales representatives and new hires assigned to the same territory share access to sales records. => This is Record level securyt
For me is Role, Role, Record

upvoted 3 times

MarioM 1 year, 5 months ago

Role;
Field;
Record;

upvoted 3 times

SD29 1 year, 6 months ago

Role based
Field level
Record level

upvoted 3 times

Muzera 1 year, 7 months ago

My guess: first should be "record level" while the last should be "Role based"

upvoted 3 times

MarlyB 2 years, 2 months ago

In exam 17/12

upvoted 2 times

Question #15 *Topic 2*

HOTSPOT -

You are synchronizing company data from a SQL Server-based .NET application into a Common Data Service (CDS) environment.

The data is entered in both the SQL Server and CDS systems.

You have a program that includes the following code:

```
var account = new Entity("account", "accountnumber", "CO-555");
account["name"] = "Contoso";
account["creditlimit"] = new Money(100000);
var request = new UpsertRequest() { Target = account };
var response = (UpsertResponse)_serviceProxy.Execute(request);
```

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

	Yes	No
Creating a new field to store the record identifier from the database resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
Creating an alternate key that uses the accountnumber field resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
If an account exists with only the account name entered as Contoso and all other fields empty, a new account record is created.	○	○
If an account exists that uses the account number CO-555, a new account record is created.	○	○

Correct Answer:

Answer Area

	Yes	No
Creating a new field to store the record identifier from the database resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	●
Creating an alternate key that uses the accountnumber field resolves the error: `The specified key attributes are not a defined key for the account entity.`	●	○
If an account exists with only the account name entered as Contoso and all other fields empty, a new account record is created.	●	○
If an account exists that uses the account number CO-555, a new account record is created.	○	●

Box 1: No.

An alternate key is needed, not a new field for the record identifier.

Box 2: Yes -

The specified key attributes are not a defined key for the account entity.

Name: EntityKeyNotDefined -

Message: The specified key attributes are not a defined key for the {0} entity

Box 3: Yes -

One way to create an entity is by using the UpsertRequest class. An upsert will create a new entity when there is no existing record that has the unique identifiers included in the entity passed with the request.

Box 4: No -

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/web-service-error-codes

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/entity-operations-update-delete#use-upsert

saadnadir Highly Voted 2 years, 11 months ago

NO - create alternate key nota field
YES - same explanation of the first statement
YES - since there is no account with account number in the database, it will create a new one, the existing accounts in the database have account number empty and name filled with Contoso.
YES - "CO" and "C0" are 2 different values
upvoted 34 times

hppp 1 year, 11 months ago
In visual studio, the zero "0" is written with a line through it. So the last one is "NO"
upvoted 1 times

Violoncello 1 year, 8 months ago
True in VS, but this is a different font. Look at the Money().
upvoted 1 times

cleon37 Highly Voted 3 years, 1 month ago
The last answer should be Yes, "c0-555" ! = "CO-555" , I would allow it since they are different values.
upvoted 16 times

rodrrr 3 years, 1 month ago
Super tricky. I hate these type of questions.
upvoted 14 times

ZVV 2 years, 10 months ago
It's just a font here - I bet you won't have this difference in real exam.
upvoted 8 times

marciomanini 3 years ago
I haven't seen 'til I read your comment, thank you
upvoted 3 times

MahdiSlimane 2 years, 11 months ago
sorry, but if we compare the "c" of "accountnumber" and the "c" of "c0-555", the second one seems bigger.
so, i think it should be "no"
upvoted 2 times

Violoncello 1 year, 8 months ago
I think the question is about the 2nd character: "O" (Oh) vs "0" (Zero). Since CO-555 and C0-555 seem tricky and ambiguous, the question should be thrown out.
upvoted 2 times

ziggy1117 Most Recent 6 months, 3 weeks ago
came out in Exam Aug 10, 2023. My score: 918. NYYN is answer.

in exam it is clear in the last question that it is a Letter O same as the one given in Code.

The number zero is clearly different
upvoted 5 times

jkaur 6 months, 3 weeks ago
No
Yes
Yes
No
upvoted 2 times

jkaur 6 months, 1 week ago
If it's "CO-555" then it should be No
else Yes
upvoted 2 times

taito1 10 months, 3 weeks ago
I have this question in my exam. The statement was "CO-555"
upvoted 1 times

SD29 1 year, 6 months ago
No Yes Yes No
upvoted 1 times

Muzera 1 year, 7 months ago
My guess: NO, YES, YES, YES
upvoted 2 times

pkatsa 1 year, 9 months ago
in exams 24/5
CO-555 is the same in code and in questions, so answer is YES

upvoted 5 times

krati221994 1 year, 9 months ago

What is the 4rth answer

upvoted 1 times

wwwtmmm 2 years, 1 month ago

NO NO YES YES

upvoted 1 times

Bukhari 2 years, 4 months ago

Correct No,Yes,Yes,Yes.
The fourth one, CO and C0 are two different values so it should be Yes

upvoted 2 times

HelenJose 2 years, 4 months ago

Its No,Yes,Yes,No
As per the discussion here, I think they have corrected the question for 4th. Hence its No

upvoted 5 times

Puneet80 2 years, 11 months ago

Answer is correct NYYN

upvoted 4 times

Jadyn 2 years, 11 months ago

yes,no,yes,no

upvoted 2 times

Jadyn 2 years, 11 months ago

yes,no,yes,yes
@cleon37 is right.

upvoted 2 times

Mnarmeen 2 years, 11 months ago

No, Yes, Yes , Yes. How is first one Yes according to you?

upvoted 2 times

Jadyn 2 years, 10 months ago

Your are rigjt.I made a weird confusion.😳

upvoted 1 times

Jadyn 2 years, 10 months ago

Your are right.

upvoted 1 times

Question #16 *Topic 2*

DRAG DROP -

A company is creating a new system based on the Microsoft Dataverse.

You need to select the Dataverse features that meet the company's requirements.

Which features should you select? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may needs to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

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

Correct Answer:

Answer Area

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

Box 1: Referential -

Active/ Cascade Active one-to-many entity relationship: Perform the action on all active referencing entity records associated with the referenced entity record.

Box 2: Cascade User Owner -

Cascade User Owned: Perform the action on all referencing entity records owned by the same user as the referenced entity record.

Box 3: Referential, Restrict Delete

Restrict: Prevent the Referenced entity record from being deleted when referencing entities exist.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/configure-entity-relationship-cascading-behavior

Premm Highly Voted 1 year, 5 months ago

I think, first one should be Parental, second is correct, Last one should be referential

upvoted 23 times

zukito3 1 year, 5 months ago

Yes, becauce the documentation says: "Referential. In a referential relationship between two entities, you can navigate to any related records, but actions taken on one will not affect the other." and Parental says "In a parental relationship between two tables, any action taken on a record of the parent table is also taken on any child table records that are related to the primary (or parent) table record. For example, the owner of the parent record has inherited access to the child table records and when the parent record is deleted, all of the child records will also be deleted.". The suggested answer would be:

1. Parental
2.Cascade
3.Referential

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/create-and-edit-1n-relationships?view=op-9-1

upvoted 12 times

northstar88 Highly Voted 1 year, 5 months ago

Parental

Cascade User Owned

Referential
upvoted 15 times

Flatternschuchtern 1 year, 5 months ago
Correct my man
upvoted 2 times

SSS_S_S Most Recent 1 month, 1 week ago
1. Parental
2.Cascade
3.Referential
upvoted 1 times

YYCRMGuy 5 months, 1 week ago
Parental - must delete the related records
Parental - it says "all referencing entities" not just the ones owned by the same user. Actually "Cascade Active, but since that's not an option Parental is closer that Cascade User Owned since it will at least catch all.
Referential, as it mentioned the delete should work, but not delete the child records.
upvoted 1 times

BabySheep_ 6 months, 2 weeks ago
1.Parental
2.Cascade user onwed
3.Referentail - Rectricted delete
upvoted 6 times

jkaur 6 months, 3 weeks ago
1. Parental
2.Cascade
3.Referential
upvoted 1 times

ziggy1117 7 months ago
Parental,
Cascade User Owned,
Referential
upvoted 2 times

vf23 9 months, 3 weeks ago
Question 1 is ambiguous. Both Parental and Referential RD are possible.
For example, Employee and SalaryPayable is Referential RD. The boss MUST pay off aemployee and clear the record on SalaryPayable before fire him/her. Parental won't work here.
upvoted 1 times

justin_s 1 year, 1 month ago
It's weird because the second one should be Cascade Active and not is an option.
upvoted 5 times

qub3 6 months ago
I second this. It is shocking that everybody is just agreeing to Cascade User Owned when infact all it does is Cascade the effects to the child records already owned by the user. Cascade Active should be the right answer which is not even listed here as an option.
upvoted 1 times

No_Doubt 1 year, 3 months ago
1- Parental
Since in the parental, delete is set to cascade all
2- Configurable cascading
Cascade user-owned
3- Referential
Cannot be parental, since we need to keep the associated records. In the other hand, cannot be "Referential, Restrict Delete", since the question is saying that parent record will be deleted and children will stay (remove link)!
upvoted 10 times

rober13 1 year, 2 months ago
thanks for explanation. It is correct.
upvoted 3 times

Elliot4565 1 year, 4 months ago
Third should be parental.
Parental means that any action taken on the parent will also be taken on the children.
Cascade User-owned means that any action taken on the parent will also be taken on the children owned by the user who made the action on the parent.
upvoted 1 times

Question #17 *Topic 2*

DRAG DROP -

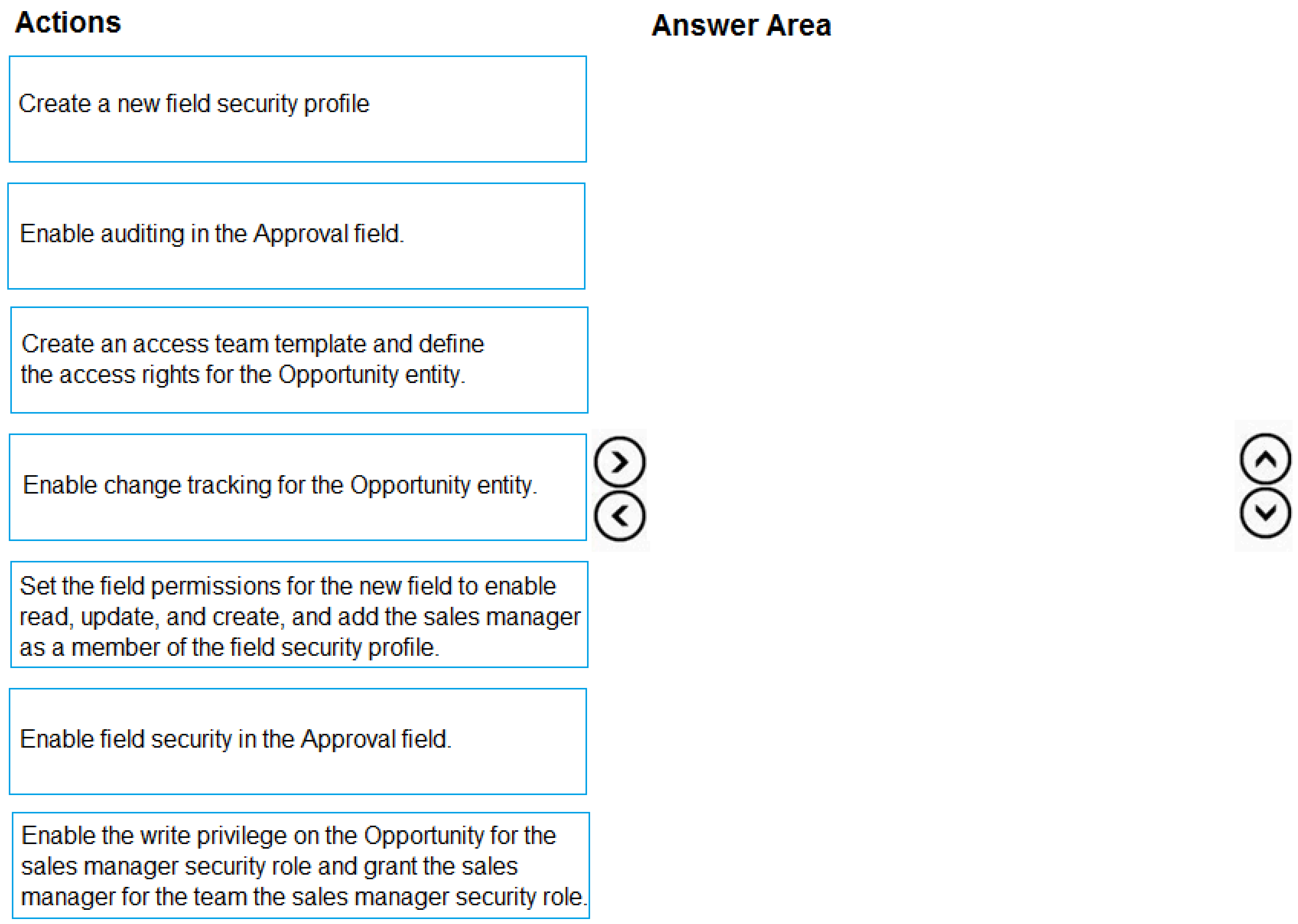
A company implements Dynamics 365 Sales.

Only sales managers must be able to perform the approval to move high value sales on in the opportunity qualification process. A new field must be created to capture the approval.

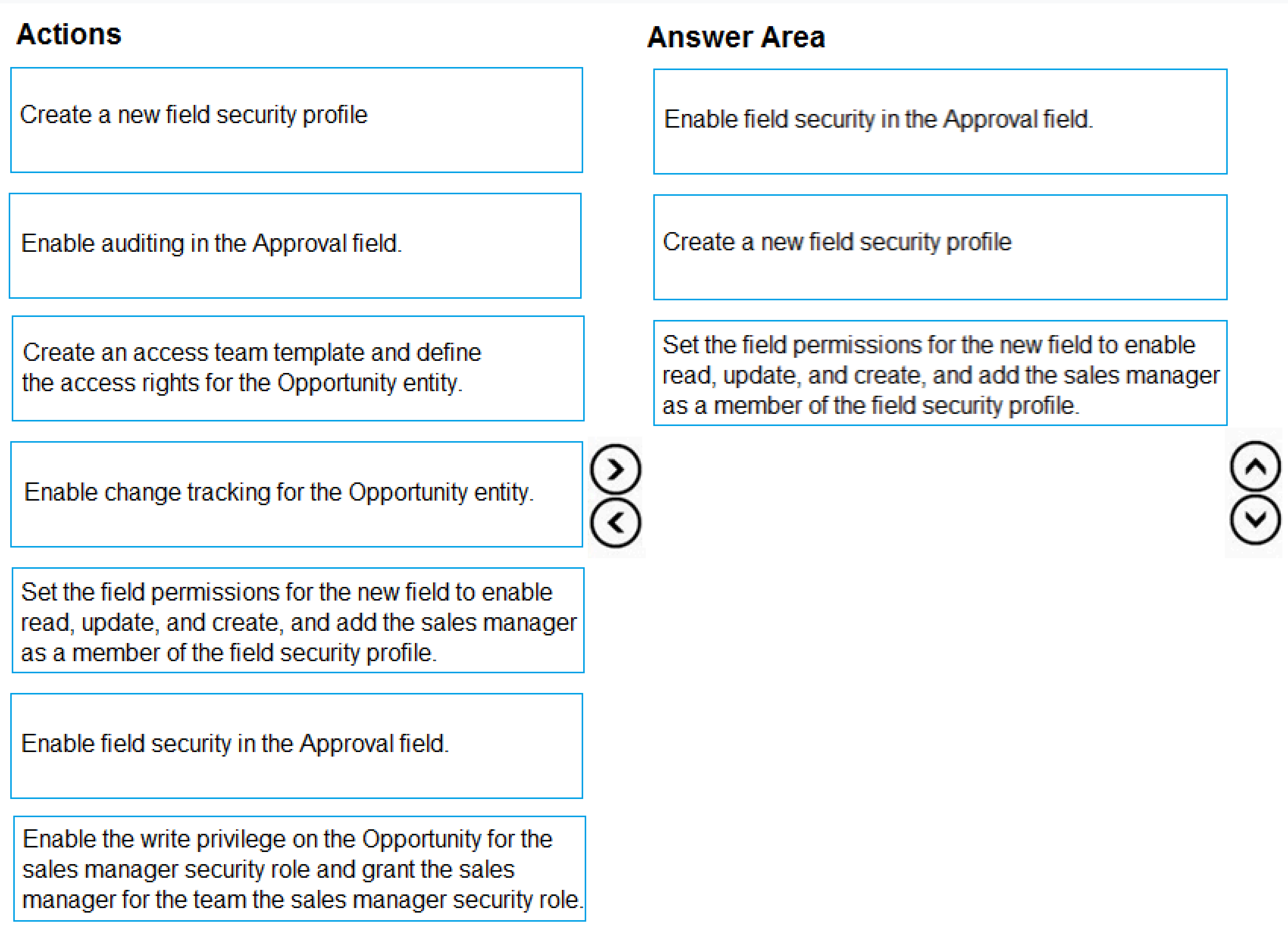
You need to create and secure the new field.

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

Select and Place:



Correct Answer:



Step 1: Enable field security in the Approval field.
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 (step 2 and step 3 below).
Step 2: Create a new field security profile.
Create a new field security profile for the sales manager.
Step 3: Set the field permissionsa€¦security profile
Step 2 and step 3, example:
Configure the security profiles.
1. Create the field security profile for sales managers.
2. Go to Settings > Security.
3. Click Field Security Profiles.
4. Click New, enter a name, such as Sales Manager access contact mobile phone, and click Save.
5. Click Users, click Add, select the users that you want to grant read access to the mobile phone number on the contact form, and then click Add.
6. Click Field Permissions, click mobilephone, click Edit, select Yes next to Allow Read, and then click OK.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/admin/field-level-security

Prakash4691 Highly Voted 3 years, 1 month ago
right answer
upvoted 25 times

Evincible Most Recent 6 months, 2 weeks ago
i think create new field will be first step. :/
upvoted 3 times

jkaur 6 months, 3 weeks ago
correct
upvoted 1 times

TheExamMaster2020 1 year, 4 months ago
Question: Where is this field created? The question says we need to Create and Secure the new field. Do any of these steps auto-create a field, or did the question/answers skip the create part altogether?
upvoted 4 times

Muzera 1 year, 7 months ago
Correct
upvoted 1 times

codrz_ 2 years ago
Right Answer
upvoted 2 times

haiye 2 years, 2 months ago
right answer
upvoted 1 times

Mooskito 2 years, 2 months ago
Correct Answers
upvoted 1 times

FDC 2 years, 11 months ago
right answers
upvoted 3 times

Yuro 2 years, 11 months ago
enable field sercurity, create security group, assign manager to security group
upvoted 3 times

altman 2 years, 11 months ago
A new Approval field should be created first
then to enable the field security for the Approval field
Last is the team assignment to the Approval field
upvoted 4 times

bigdatawork 3 years ago
https://docs.microsoft.com/en-us/power-platform/admin/field-level-security
upvoted 2 times

rodrrr 3 years, 1 month ago
Shouldn't the first action be: Enable field security in the Approval field ??
upvoted 3 times

Question #18 *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:

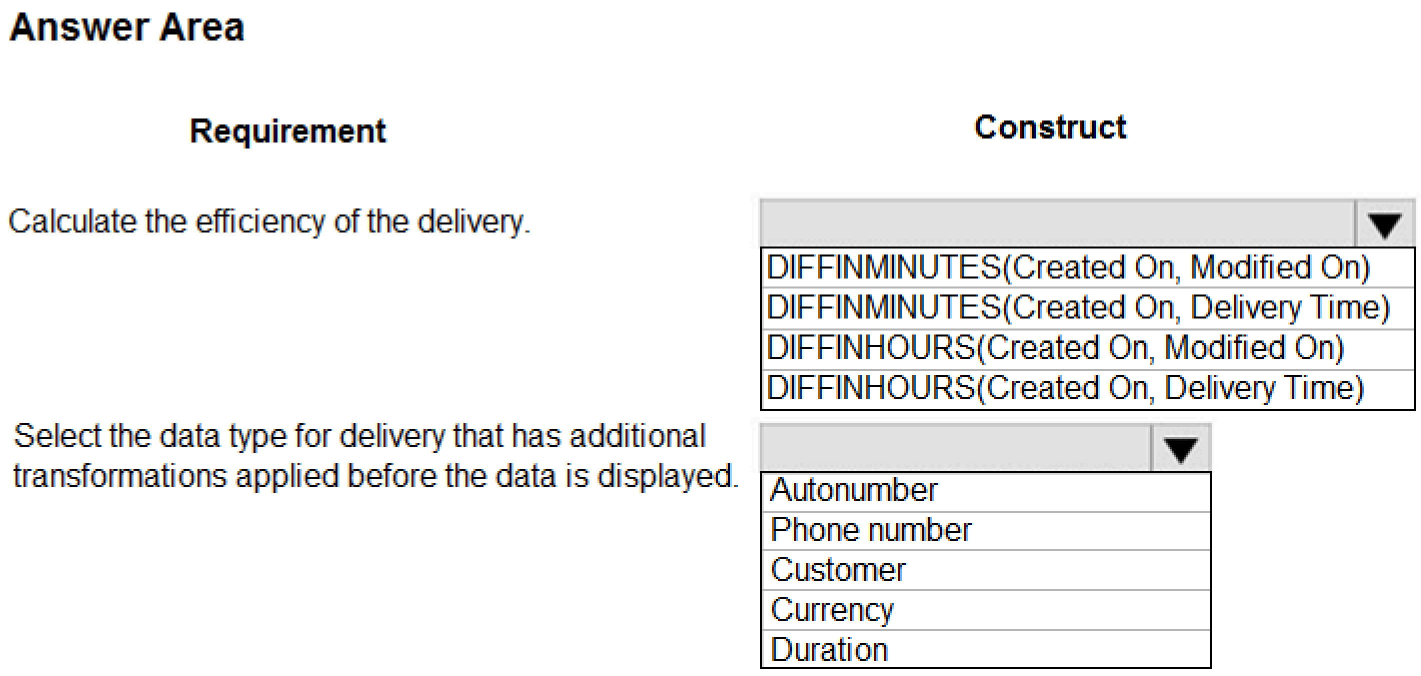
⇨ A set of fields to represent the package length, width, depth, and weight. The maximum value for any dimension is 100 centimeters.

⇨ A set of fields for time-sensitive attributes to calculate the efficiency of a delivery. The calculation must be based on a delivery is entered in the system and the value for a custom field named Delivery time.

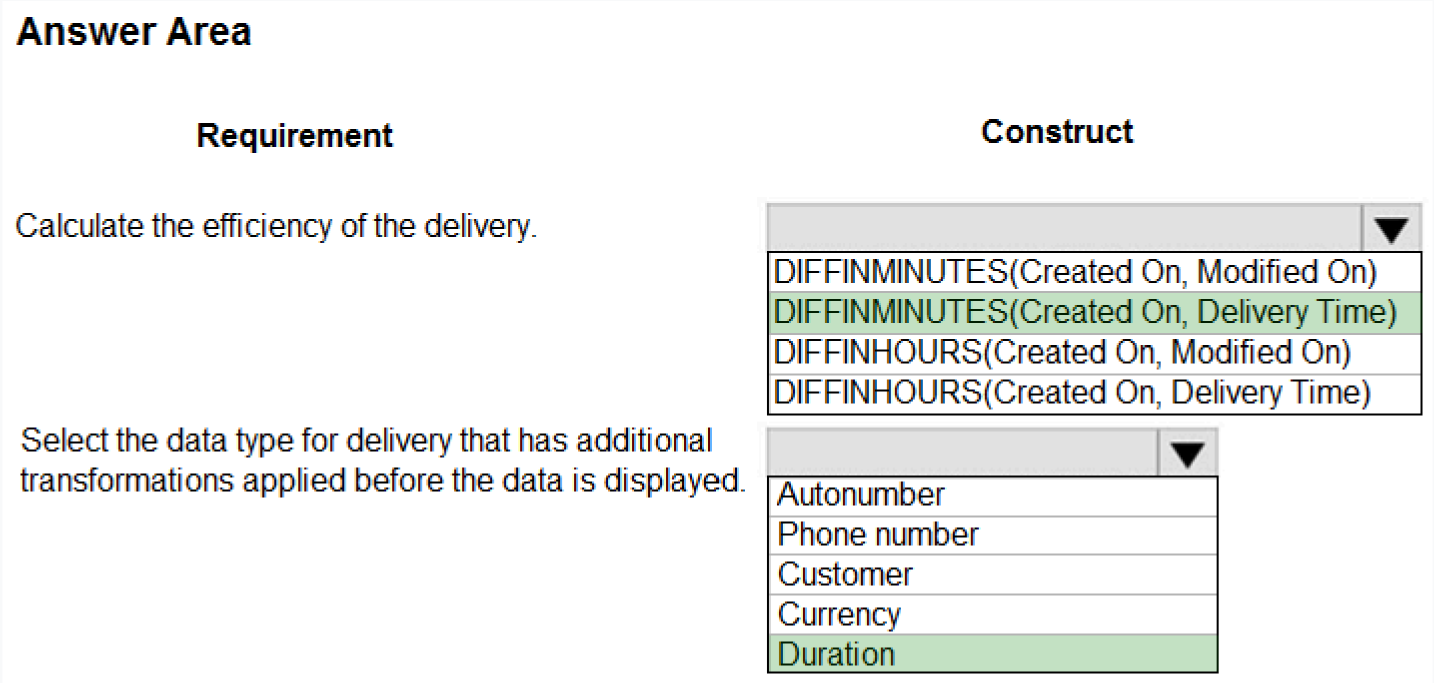
Which constructs should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: DIFFINMINUTES(Created on, Delivery Time)

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

Box 2: Duration -

Duration - A number value presented as a drop-down list that contains time intervals. A user can select a value from the list or type an integer value that represents the number of minutes. The duration must be entered in the format: ג€x minutesג ,€ג€x hoursג€ or ג€x daysג€. Hours and days can also be entered using decimals, for example, ג€x.x hoursג€ or ג€x.x daysג€. The values entered must be expressible in minutes, sub-minute values will be rounded to the nearest minute.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/define-calculated-fields https://docs.microsoft.com/en-us/power-apps/maker/data-platform/create-edit-field-portal

At09 4 months, 4 weeks ago

Correct

upvoted 1 times

Sudheer93 5 months ago

In exam 09/23/2023

upvoted 1 times

jkaur 6 months, 3 weeks ago
should be:-
B
E
upvoted 2 times

DummyTest1 8 months ago
DiffInHours and DiffInMinutes seems to be the same. However, the only different is result is a whole number hence can't be decimals. Considering that DiffInMinutes might more accurate value.
upvoted 2 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 4 times

deuel10080 11 months, 3 weeks ago
This question makes no sense. It asks about package length, width, height, etc., but the answer asks for an input based on time / duration?
upvoted 4 times

lewylln 10 months, 4 weeks ago
Some questions have red herrings like this to throw you off, I dont know why but they seem to want to test our skills at deducting relevant information
upvoted 3 times

Question #19 *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. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.

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

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

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

Correct Answer: *AB*
A: When you import a managed solution, all component changes will be brought into the environment in a published state.
B: You can apply patches to either managed or unmanaged solutions and include only changes to entities and related entity assets.
Patches do not contain any non-customized system components or relationships that it dependents upon because these components already exist in the deployed-to organization. At some point in your development cycle, you can roll up all the patches into a new solution version to replace the original solution that the patches were created from.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/import-update-export-solutions https://docs.microsoft.com/en-us/power-platform/alm/create-patches-simplify-solution-updates

Community vote distribution
AB (78%) AC (22%)

rodrrr Highly Voted 3 years, 1 month ago
correct
upvoted 14 times

Yuro Highly Voted 2 years, 11 months ago
correct
upvoted 5 times

wooderd Most Recent 3 months, 1 week ago
It says each answer represents a complete solution, C only mentions exporting, D only mentions importing. Even without knowing the right steps I can see that only A and B propose a complete solution to export from one and import into the other
upvoted 2 times

At09 4 months, 4 weeks ago
A and B
upvoted 1 times

jkaur 6 months, 3 weeks ago
AB answers
upvoted 1 times

DimpleG 1 year ago
Selected Answer: AC
Guys why not AC, in Question does not ask about changes or patching. for me A and C are more appropriate.
upvoted 2 times

> **alevalli9** 11 months, 2 weeks ago
> In my opinion "Export all managed solutions from the development enviroment" means "exporting already managed solutions from development environment" which is not allowed. We can export "as managed solutions", not "managed solution". I'd go with AB.
> upvoted 6 times

SD29 1 year, 6 months ago
Correct
upvoted 1 times

Muzera 1 year, 7 months ago

Selected Answer: AB

AB correct

upvoted 1 times

pkatsa 1 year, 9 months ago

Selected Answer: AB

in 24/5 exams

upvoted 2 times

pkatsa 1 year, 9 months ago

Selected Answer: AB

correct

upvoted 2 times

PBIAANF 1 year, 11 months ago

Correct

upvoted 1 times

crismadalina 2 years ago

Selected Answer: AB

correct

upvoted 2 times

miguel390 2 years, 1 month ago

Correct

upvoted 1 times

sumiiiiiiiii 2 years, 2 months ago

Correct

upvoted 1 times

ZeroTalent 2 years, 2 months ago

correct

upvoted 1 times

Vicky12345 2 years, 9 months ago

This is correct answer.

upvoted 2 times

Mnarmeen 2 years, 11 months ago

correct

upvoted 3 times

Question #20

Topic 2

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 named Component1 by using the Power Apps component framework (PCF).

You need to package Component1 for deployment 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:

Actions

- npm run build
- pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>
- msbuild /t:build /restore
- npm start
- pac pcf init –namespace <*namespace*> --name <*control name*> - -template field
- pac solution add-reference –path <*control path*>
- npm install

Answer Area

Correct Answer:

Actions

- npm run build
- pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>
- msbuild /t:build /restore
- npm start
- pac pcf init –namespace <*namespace*> --name <*control name*> - -template field
- pac solution add-reference –path <*control path*>
- npm install

Answer Area

- pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>
- pac solution add-reference –path <*control path*>
- msbuild /t:build /restore

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

Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse. pac solution init --publisher-name developer --publisher-prefix dev

Step 2: pac solution add-reference --path <control-path>

Once the new solution project is created, refer the Solutions folder to the location where the created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to multiple components in a single solution project. pac solution add-reference --path c:\downloads\mysamplecomponent

Step 3: msbuild /t:build /restore

To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. This command uses

MSBuild to build the solution project by pulling down the NuGet dependencies as part of the restore. Use the /restore only for the first time

when the solution project is built. For every build after that, you can run the command msbuild. msbuild /t:build /restore
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

lesiris Highly Voted 2 years, 6 months ago
1. pac solution init --publisher-name mslearn --publisher-prefix msl

2. pac solution add-reference --path ..

3. msbuild /t:build /restore

Provided answer is correct https://docs.microsoft.com/en-us/learn/modules/build-power-app-component/2-package-code-component
upvoted 25 times

ppguru 2 years, 1 month ago
Provided answer is correct indeed
upvoted 1 times

At09 Most Recent 4 months, 4 weeks ago
>pac solution init --publisher-name mslearn --publisher-prefix msl

>pac solution add-reference --path ..

>msbuild /t:build /restore
upvoted 1 times

jkaur 6 months, 3 weeks ago
answers are correct
upvoted 1 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 2 times

Prem1942 5 months, 1 week ago
I never visited site after appearing in exam :)
upvoted 1 times

b12f0be 5 months ago
So thanks to guy above for more info :)
upvoted 1 times

Muzera 1 year, 7 months ago
correct
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

Mateusz_M 2 years, 7 months ago
There's wrong command for initializing project, proper syntax is below:
pac solution init --publisher-name developer --publisher-prefix dev
On the screenshot there's no space after init and there should be two dashes.
upvoted 1 times

kikakiko 2 years, 8 months ago
answer is correct. Link: https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls
upvoted 2 times

Ghalandor90 2 years, 8 months ago
but the third is not npm run build?
upvoted 1 times

KAL18 2 years, 3 months ago
npm run build is to build/compile the component and it doesn't generates zip file. To generate your solution's zip file, use Microsoft Build Engine, or MSBuild for short.
upvoted 2 times

Question #21 *Topic 2*

You are developing a model-driven app. The app uses data from two custom tables. The tables have a parent-child relationship. The parent record form contains a subgrid that displays the child records.
When creating a new child record from the parent form, data must automatically populate in the child record form to reduce data input errors.
You need to implement the solution.
What should you do?

A. Use a Power Automate flow to read data from the parent record and update the child record upon creation.

B. Map table columns from the parent record to the child record.

C. Create a business rule that sets the default values on the child record fields to values from the parent record.

D. Include a quick view form on the child record showing the data from the parent record.

Correct Answer: *B*
A subgrid exists within a main form and let app users view data within a Dataverse table, typically related to the record currently being reviewed.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/sub-grid-properties-legacy

Community vote distribution
B (100%)

At09 4 months, 4 weeks ago
Answer is B
upvoted 1 times

jkaur 6 months, 3 weeks ago
B should be answer
upvoted 1 times

alevalli9 11 months, 2 weeks ago
Selected Answer: B
B is correct to me
upvoted 2 times

rober13 1 year, 2 months ago
Selected Answer: B
it is correct for me, it looks like to choose more convenience to fill out the form for a new record.
upvoted 4 times

zandt 1 year, 2 months ago
Is the answer correct?
upvoted 1 times

AADAdmin1 1 year, 1 month ago
Seems correct. One needs to create column mappings between the parent and child tables for values to be populated on the child form as described here: https://learn.microsoft.com/en-us/power-apps/maker/data-platform/map-entity-fields
upvoted 3 times

Question #22 *Topic 2*

DRAG DROP -

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

All accounts in the system with a relationship type of Customer set must have an account number. A plug-in has been developed.

When a Customer is updated with a relationship type, the plug-in sets the account number if not provided by the user.

You need to register the plug-in.

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:

Actions

- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PostImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PreImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Step** and set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreValidation.
- In the Plug-in Registration tool, select **Register New Assembly**.
- In the Plug-in Registration tool, select **Register New Step**. Set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreOperation.

Answer area

Correct Answer:

Actions

- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PostImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Step** and set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreValidation.

Answer area

- In the Plug-in Registration tool, select **Register New Assembly**.
- In the Plug-in Registration tool, select **Register New Step**. Set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreOperation.
- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PreImage**, and ensure the accountnumber is included as a parameter.

Step 1: In the Plug-in Registration tool, select Register New Assembly.

You use the Plug-in Registration tool (PRT) to register your plug-in assemblies and steps.

Registering an assembly is the process of uploading the assembly to the Dataverse database.

Step 2: In the Plug-in Registration tool, Select Register New Step,..PreOperation

PreOperation occurs before the main system operation and within the database transaction.

If you want to change any values for an entity included in the message, you should do it here.

Step 3: In the Plug-in Registration tool, Select Register New Image, change the Image type to be a PreImage, and..

If your plug-in step is registered in the PreValidation or PreOperation stages of the execution pipeline, you could use the Organization service to retrieve the current value of the property, but this is not a good practice for performance. A better practice is to define a pre-entity image with your plug-in step registration.

Reference:

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

At09 4 months, 4 weeks ago

Correct Answer

upvoted 1 times

YYCRMGuy 5 months, 1 week ago

The answer is correct. When editing the target in a plugin you should always use Pre Operation and the Pre-Image is to prevent changing the account number by the plugin logic that sets it when null, if the record previously had an account number generated.

upvoted 1 times

jkaur 6 months, 2 weeks ago

answer is correct

upvoted 2 times

ziggy1117 6 months, 3 weeks ago

Answer is correct, it is preoperation as it is writing into system

upvoted 1 times

700157a 7 months ago

I would go as following.
1. Register New Assembly
2. Register New Step - PreValidation
3. Register New Image - PreImage

upvoted 3 times

700157a 7 months, 1 week ago

Why not use the Pre-Validation stage, there is nothing in the question that requires any transaction.

upvoted 1 times

asdadwww 3 months, 3 weeks ago

Pre-Validation is for validation check such as oob security role check(checking user permissions). If your code is not for logic checking for stopping the transaction if not passing the validation, then should put code to pre-operation step just for updating the context. As you have no control to the OOB security checking, you have no control the running sequence of the code in Pre-Validation stage. If your code run first, and the security checking not passed, then it results in a negative impact to the system performance.

upvoted 1 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 3 times

MKK99 1 year, 5 months ago

I think the 3rd step has to be post image, so that we get if user provided any value or not for customer number

upvoted 1 times

Flatternschuchtern 1 year, 5 months ago

There is no post image in the pre operation step. You get the new value from target.

upvoted 8 times

Question #23 *Topic 2*

You are developing a Power Platform solution for a medical practice. You create a custom table named Doctors to record details about the doctors who work at the medical practice.
You must be able to attach a PDF copy of a doctor's medical license to the row for each doctor.
You need to configure the table.
What should you do?

A. Create a Power Automate flow to add attachments.

B. Navigate to Table options and enable attachments.

C. Navigate to Column options and enable attachments.

D. Create relationships between the Doctor table and the Notes table.

Correct Answer: *C*
A file column is used for storing file data up to a specified maximum size. A custom or customizable table can have zero or more file columns plus a notes
(annotation) collection with zero to one attachment in each note.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/file-attributes

Community vote distribution
B (100%)

Flatternschuchtern Highly Voted 1 year, 5 months ago
Selected Answer: B
There is no such thing as "enable attachments" in "column options".
You can either add a new field of type File,
Or enable Notes for the entity, in which case the file will be stored in related Annotation record.
upvoted 23 times

Lotsrly 1 year, 5 months ago
Correct bro
upvoted 1 times

Vinodds 1 year, 5 months ago
Yes the correct Answer should be B
upvoted 1 times

Traveling Most Recent 2 weeks, 3 days ago
B. Even I am still using Dataverse but I never noticed that it was in the table.
upvoted 1 times

JurSp 4 months, 1 week ago
Selected Answer: B
answer should be B
upvoted 1 times

At09 4 months, 4 weeks ago
Answer is B
upvoted 1 times

Prem1942 5 months, 1 week ago
Selected Answer: B
There is no such option in Column to enable attachment
upvoted 1 times

lldd9988 5 months, 2 weeks ago
There seems to be a difference between file column and enabling attachment to a row. The answer is B. Below are the links.
https://learn.microsoft.com/en-us/training/modules/create-manage-entities/3-enable-attachments
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/file-attributes?tabs=sdk
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
Correct answer is C. Navigate to Column options and enable attachments.
Explanation:

To enable attachments in a table, you need to navigate to the Column options and select the Enable attachments checkbox. This will allow you to attach files to the rows in the table.

Here are the steps on how to enable attachments in a table:

Go to the Settings tab.
Click Dataverse.
Click Tables.
Select the table that you want to enable attachments for.
Click the Columns tab.
Select the column that you want to enable attachments for.
In the Column options section, select the Enable attachments checkbox.
Click Save.
Once you have enabled attachments for a column, you can attach files to the rows in the table by clicking the Attach button.
upvoted 2 times

NelsonYan 5 months, 2 weeks ago
I totally believe this answer is generated by ChatGPT
upvoted 6 times

lezzles11 6 months, 1 week ago
Selected Answer: B
Definitely B:
https://learn.microsoft.com/en-us/training/modules/create-manage-entities/3-enable-attachments
upvoted 1 times

jkaur 6 months, 2 weeks ago
Answer should be B
upvoted 2 times

Zewde 10 months, 2 weeks ago
So what is the correct answer?
upvoted 2 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 2 times

alevalli9 11 months, 2 weeks ago
Selected Answer: B
B to me
upvoted 2 times

hanzo765 11 months, 3 weeks ago
Selected Answer: B
enable attachment is under table properties

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/create-edit-entities-portal#create-a-table
upvoted 3 times

hari980 1 year ago
Selected Answer: B
Enable Attachments are a table level feature
upvoted 2 times

Fyrus 1 year, 2 months ago
Selected Answer: B
Attachments are a table level feature
upvoted 3 times

No_Doubt 1 year, 3 months ago
Selected Answer: B
Enable notes on the Table level
upvoted 3 times

Question #24 *Topic 2*

HOTSPOT -

You are creating a package for a Power Platform solution. The package will include custom code and sample data.

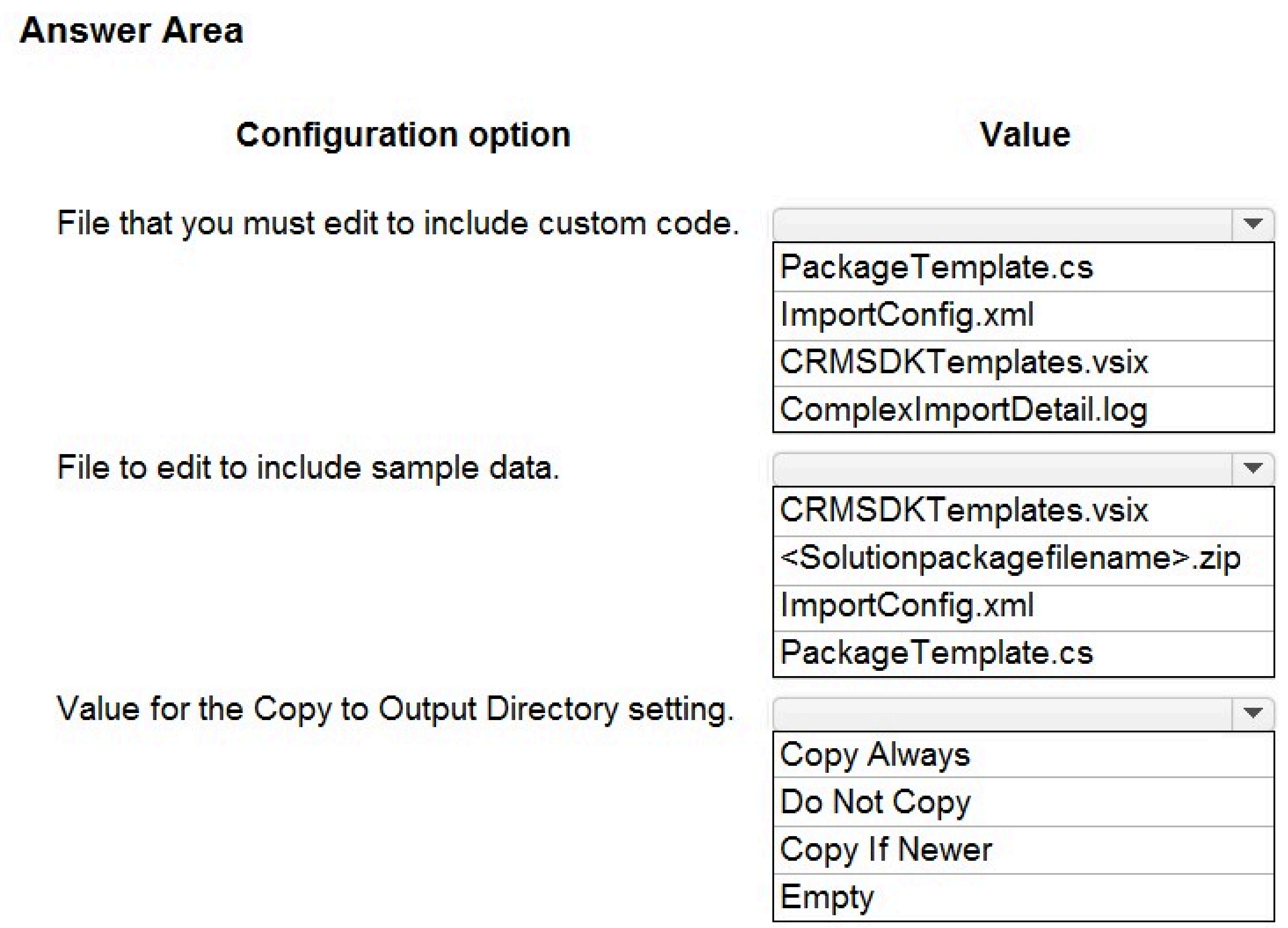
The package must include all files that need to be installed.

You need to configure the package.

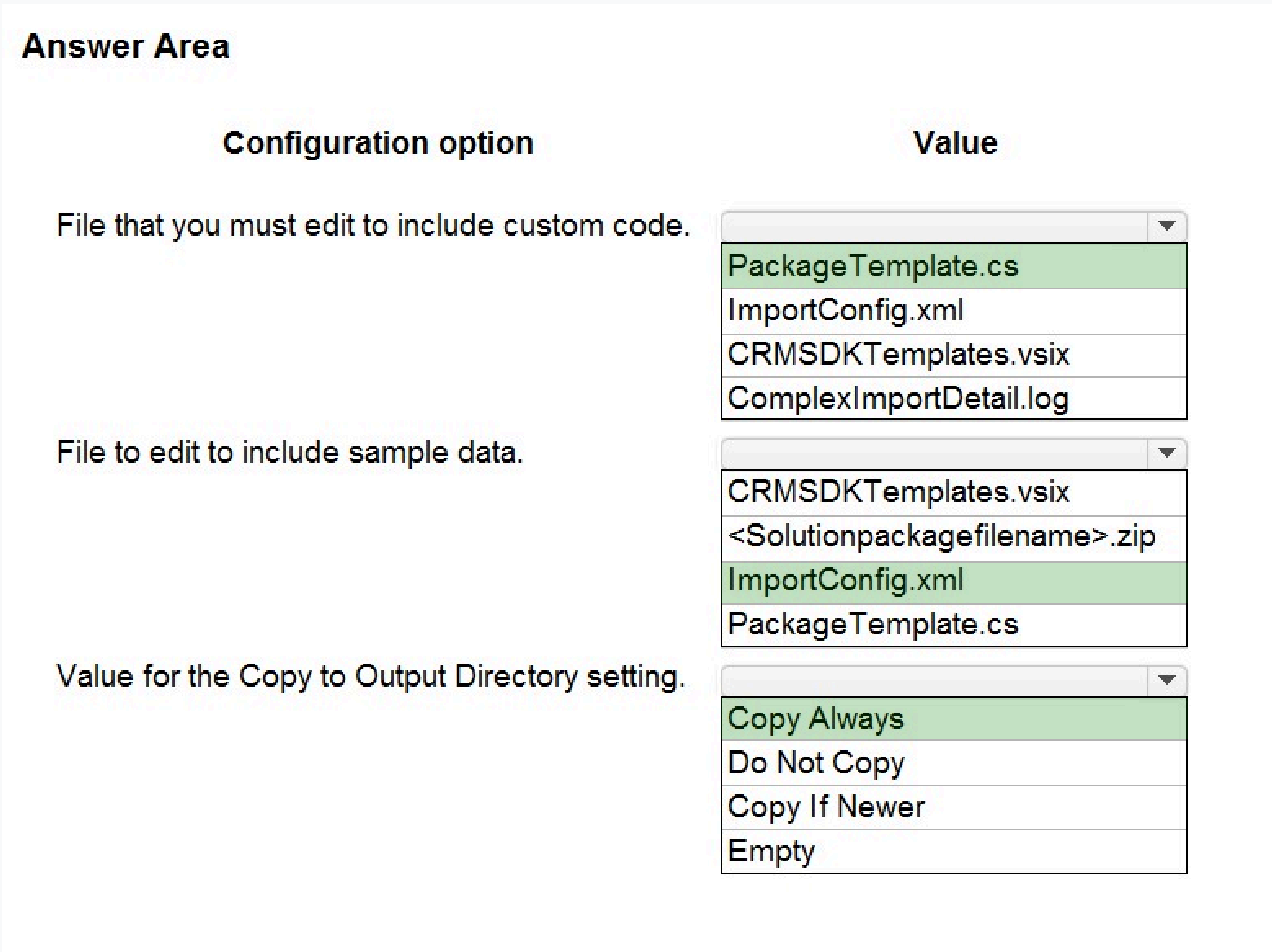
Which setting should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: PackageTemplate.cs -

Define custom code for your package in the PackageTemplate.cs file.

Box 2: ImportConfig.xml -
The sample data and some flat files for solutions specified in the ImportConfig.xml file are imported before the solution import completes.

Box 3: Copy Always -
Set the Copy to Output Directory value to Copy Always. This ensures that your file is available in the generated package.
Reference:
https://docs.microsoft.com/en-us/power-platform/alm/package-deployer-tool

At09 4 months, 4 weeks ago
Correct answer
upvoted 1 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 3 times

hertino 1 year, 5 months ago
Correct, PackageTemplate, ImportConfig.xml, Copy always.
upvoted 3 times

Question #25 *Topic 2*

You plan to populate records in a Microsoft Dataverse entity containing an option set field.
The source system has the label for the option set but not the corresponding integer value.
You are using a non .NET programming language.
You need to find the integer value for the option set.
What should you do?

A. Use Web API and use a PicklistAttibuteMetadata request.

B. Use the Organization service and execute a RetrieveOptionSetRequest request.

C. Use Web API and use an InsertOptionValue action.

D. Use the Organization service and execute a RetrieveAttributeRequest request.

Correct Answer: *B*
You can retrieve a global choice (option set) by name (label) using the RetrieveOptionSetRequest message.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/org-service/metadata-option-sets

Community vote distribution
A (86%) 14%

thulstrup Highly Voted 1 year, 5 months ago
Selected Answer: A
Organization service is for .NET and thus not an option.
Believe that A is the right answer.
upvoted 14 times

V05 1 year, 1 month ago
A is also for .NET https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.metadata.picklistattributemetadata?view=dataverse-sdk-latest
upvoted 2 times

MarioM Highly Voted 1 year, 5 months ago
Selected Answer: A
non .NET means API, so its A
upvoted 5 times

AzureExpertwannabe Most Recent 1 month, 1 week ago
Selected Answer: B
To find the integer value for an option set label in a Microsoft Dataverse entity when using a non .NET programming language, you should:

B. Use the Organization service and execute a RetrieveOptionSetRequest request.

This request will allow you to retrieve both the labels and the integer values for an option set field within Dataverse. Since you are working with a non .NET language, you will be interfacing with the Organization service likely through a web API, but the key is to use the specific request type designed for option sets.
upvoted 1 times

At09 4 months, 4 weeks ago
Correct is A
upvoted 1 times

jkaur 6 months, 2 weeks ago
a should be answer
upvoted 1 times

DummyTest1 8 months ago
Selected Answer: A
With non .Net Application - API is the best bet
upvoted 1 times

DimpleG 1 year ago
Selected Answer: A
A. Using the Web API and a PicklistAttibuteMetadata request is correct because it allows you to retrieve the option set metadata, which includes the integer value for each option in the set.

B. Using the Organization service and executing a RetrieveOptionSetRequest request is incorrect because this request retrieves the entire option set, not just the integer value for a specific option.

upvoted 3 times

Windman 1 year, 1 month ago

Selected Answer: A

Non .Net clients should usi API

upvoted 3 times

AlltheMSCerts 1 year, 4 months ago

Selected Answer: A

Have to go API because of non .NET.

upvoted 4 times

MahdiFlight 1 year, 5 months ago

Option C, maybe be correct!

upvoted 2 times

MahdiFlight 1 year, 5 months ago

This is tricky, "You are using a non .NET programming language."

upvoted 3 times

hertino 1 year, 5 months ago

Selected Answer: B

Correct,
https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveoptionsetrequest?view=dataverse-sdk-latest&viewFallbackFrom=dynamics-general-ce-9

upvoted 4 times

gzrbr 1 year, 5 months ago

I don`t think so...
"You are using a non .NET programming language.". RetrieveOptionSetRequest is a .Net class...looks like A.

upvoted 4 times

Question #26 *Topic 2*

A travel company has a Common Data Service (CDS) environment.
The company requires the following:
⇨ Custom entities that track which regions clients have traveled.
The dates their clients traveled to these regions.
▪
You need to create the entities and relationships to meet the requirements.
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 N:N relationship from Contact to the Region entity.

B. Create a 1:N relationship from the ContactRegion intersect entity and Region.

C. Create an intersect entity named ContactRegion and create 1:N relationships to Contact and Region.

D. On the main form for ContactRegion, add lookup fields for Contact and Region, and a date field for the visit date.

E. Create a 1:N relationship from Contact to the Region entity.

F. Create the Region entity.

G. On the main form for ContactRegion, add a sub-grid to view country information.

H. Create an intersect entity named ContactRegion and create N:1 relationships to Contact and Region.

Correct Answer: *CDF*
Need a Region entity, a intersect entity ContactRegion between Contact and Region, and a way to input region visits.

Community vote distribution
DFH (89%) 11%

greg3271 Highly Voted 1 year, 5 months ago
Selected Answer: DFH
DFH is the answer
upvoted 18 times

At09 Most Recent 4 months, 4 weeks ago
DFH is the ans
upvoted 1 times

Sudheer93 5 months ago
In exam 09/23/2023
upvoted 2 times

MikeAWS 5 months, 3 weeks ago
The correct three actions are C, D, and F.
Explanation:
Here are the steps on how to create the entities and relationships to meet the requirements:

1. Create the Contact entity.
2. Create the Region entity.
3. Create an intersect entity named ContactRegion and create 1:N relationships to Contact and Region.
4. On the main form for ContactRegion, add lookup fields for Contact and Region, and a date field for the visit date.

upvoted 4 times

jkaur 6 months, 2 weeks ago
1.Create the Region entity.
2. Create an intersect entity named ContactRegion and create N:1 relationships to Contact and Region.
3. On the main form for ContactRegion, add lookup fields for Contact and Region, and a date field for the visitdate
upvoted 3 times

700157a 7 months ago
absolutely DFH.
F - Create the Region entity.
H. Create an intersect entity named ContactRegion and create N:1 relationships to Contact and Region.
D. On the main form for ContactRegion, add lookup fields for Contact and Region, and a date field for the visit date.
upvoted 1 times

DummyTest1 8 months ago

Selected Answer: DFH

Order should be F, H and D
https://carldesouza.com/understanding-intersect-entities-and-nn-relationships-in-dynamics-365/

upvoted 3 times

baroo1 8 months ago

Selected Answer: DFH

- Region table needs to be created.
- Contact is a system table.
- Creating an interception table N:1 manually named ContactRegion.

Sample:
Contact A -> 2 ContactRegion (2 visits for a country on 2 different dates) > 1 Region.
1:N does not allow this.

upvoted 1 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 2 times

DimpleG 1 year ago

Selected Answer: CDF

C, F, and D are the actions that should be performed to meet the requirements.
Create an intersect entity named ContactRegion and create 1:N relationships to Contact and Region. This will allow multiple contacts to have a relationship to multiple regions and also track the date of the visit.
Create the Region entity. This will store the different regions that the company tracks.
On the main form for ContactRegion, add a date field for the visit date. This will allow the company to track the date the client traveled to the region.

Option H suggests creating an intersect entity named ContactRegion and creating N:1 relationships to Contact and Region. This would not be appropriate in this scenario because it would not allow multiple regions to be associated with a single contact, which is a requirement of the problem statement.

upvoted 4 times

ybraccelarghe_Arkano 1 year, 3 months ago

Selected Answer: DFH

ContactRegion -- N:1 -- Region => A record of ContactRegion has only one Region. A Region could be in many records of ContactRegion
ContactRegion -- N:1 -- Contact

upvoted 2 times

No_Doubt 1 year, 3 months ago

Selected Answer: DFH

It's DFH, we are creating two lookups inside the ContactRegion to the Contact and Region, and not vice versa.

upvoted 2 times

PGG 1 year, 4 months ago

CDF is the right answer!
H is wrong because if you have N:1 relation from ContactRegion to Region AND Contact means that each record from ContactRegion can be assign to as many contacts and regions not making unique records and making the date as a primary key that would lead. C is correct because it means it stablish the table with Contact and Region as primary keys with a date entity, having one record for each visit of a contact in a region with a date, and not a nonsense table with one date related to as many contacts and regions as we will have choosing H (will need extra fields to relate dates if Contact and Region are child tables having to make extra quering time as otherwise)

upvoted 1 times

PGG 1 year, 4 months ago

Ok reviewing the question is just the opposite DFH is the right answer, sorry. N:1 where N should be the ContactRegion (you are recording multiple dates in ContactRegion, assigning them each record to only 1 Contact and Region)

upvoted 2 times

MarioM 1 year, 5 months ago

Selected Answer: DFH

https://www.cobalt.net/one-one-end-one-relationships-get-around/

upvoted 2 times

Lotsrly 1 year, 5 months ago

DFH I think

upvoted 1 times

Flatternschuchtern 1 year, 5 months ago

Selected Answer: DFH

DFH is indeed the answer

upvoted 3 times

Question #27 *Topic 2*

HOTSPOT -

You are troubleshooting Power Apps solutions.

You need to determine the cause for the identified issues.

What is the root cause for each issue? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Reason
Solution checker completes a run and reports errors for one solution but completes without errors for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Correct Answer:

Answer Area

Issue	Reason
Solution checker completes a run and reports errors for one solution but completes without errors for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Box 1: A canvas app in the first solution has errors.

Box 2: The code uses the following rule: web-use-strict-mode

web-use-strict-mode is able to throw a SyntaxError before the script is executing.

Example:

The reason is JavaScript lets you compare different variable types but this can have unexpected results, so by using the strict === it compares the same type and won't have unexpected results this gets a warning entity.field == "Line1"

Incorrect Answers:

web-avoid-eval: The eval() function evaluates JavaScript code represented as a string. web-avoid-modals: Avoid using modal dialogs. web-remove-debug-script: Avoid including debug script in non-development environments.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-solution-checker

whiteblack 9 months, 3 weeks ago

Correct answer

upvoted 2 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 1 times

alevalli9 11 months, 2 weeks ago

Correct to me

upvoted 1 times

Question #28 *Topic 2*

A company uses Common Data Service rollup fields to calculate insurance exposure and risk profiles for customers.
Users report that the system does not update values for the rollup fields when new insurance policies are written.
You need to recalculate the value of the rollup fields immediately after a policy is created.
What should you do?

A. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

B. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

C. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Correct Answer: *D*
In case you want to calculate Rollup field immediately whenever child record gets created, updated or deleted, you can write custom C# plugin or custom workflow activity and use SDK message a€CalculateRollupFieldRequesta€.
Incorrect:
Not B: Mass Calculate Rollup Field a€" This job is created per Rollup field and runs when you create or update Rollup field. By default, job runs in 12 hours after you create or update Rollup field. You can adjust start time of this job to make sure job runs during non-operational hours
Reference:
https://sachinbansal.blog/2018/05/07/dynamics-365-rollup-fields-important-points/

Community vote distribution

D (100%)

HURRYUPGO Highly Voted 1 year ago

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Rollup fields in Common Data Service are used to calculate aggregate values like the sum or count of related records. They are calculated asynchronously through the Calculate Rollup Field job. However, in this scenario, the users require the rollup fields to be updated immediately after a policy is created. To achieve this requirement, a plugin that uses the CalculateRollupFieldRequest method for the rollup field can be created. This plugin can be configured to trigger on the Create event for the policy entity, and it will update the rollup fields immediately after a policy is created.

upvoted 10 times

NyarukouSAMA Most Recent 5 months ago

Selected Answer: D

Sounds logical, if you need it immediately then you need the plugin.

upvoted 1 times

Question #29 *Topic 2*

The communication department for a company plans to add a publicly accessible survey page to the company's public website.
You must add the new survey page to the company's public website and capture data from the page to a Microsoft Dataverse environment.
Explicit user credentials must not be required to write survey data to Dataverse.
You need to implement authentication.
Which authentication mechanism should you implement?

A. ADFS

B. Azure AD Conditional Access

C. Azure guest account

D. Client secret

Correct Answer: *C*
Canvas apps can be shared with guest users of an Azure Active Directory (Azure AD) tenant. This enables inviting external business partners, contractors, and third parties to run your company's canvas apps.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/canvas-apps/share-app-guests

Community vote distribution
D (62%) B (38%)

ybraccelarghe_Arkano Highly Voted 1 year, 3 months ago
Selected Answer: D
Guest Access needs explicit credentials.
AD Condiciontal Access controls access from devices and IPs
You need to use an Azure AD Application to avoid explicit credentials. Client Secret should be the correct answer
upvoted 10 times

brapp 7 months, 2 weeks ago
Needs credentials, but but these credentials are not managed by your domain
upvoted 1 times

hertino Highly Voted 1 year, 5 months ago
https://www.examtopics.com/discussions/microsoft/view/69778-exam-pl-400-topic-6-question-17-discussion/
https://www.examtopics.com/discussions/microsoft/view/65580-exam-pl-400-topic-6-question-10-discussion/
upvoted 10 times

AzureExpertwannabe Most Recent 4 weeks, 1 day ago
Selected Answer: D
In implementing the client secret approach, you would register the application (your survey page) in Azure AD to obtain a client ID and client secret. The application then uses these credentials to authenticate to Azure AD and obtain an access token, which is used to authenticate to Dataverse and write the survey data.
upvoted 1 times

At09 4 months, 4 weeks ago
Client Secret
upvoted 1 times

NyarukouSAMA 5 months ago
Selected Answer: D
> Publicly accessible survey page on the company's public website (3rd party application)
> Explicit user's credentials MUST not be required (user MUST be able to enter anything without auth)
This definitely should be client secret auth for server-to-server interaction. The site's backend should be able to authenticate as a client in the dataverse, so it will use app registration and the application user.
upvoted 1 times

omar1988 6 months, 2 weeks ago
Selected Answer: B
The correct answer is B. Azure AD Conditional Access.

Azure AD Conditional Access is a feature of Azure Active Directory (Azure AD) that allows you to control who has access to your applications and resources, and under what conditions. In this case, you can use Azure AD Conditional Access to require users to be authenticated with Azure AD before they can write survey data to Dataverse. This will ensure that only authorized users can write data to Dataverse, and that the data is protected from unauthorized access.

upvoted 1 times

jkaur 6 months, 2 weeks ago
should be B
upvoted 1 times

DummyTest1 8 months ago
Selected Answer: D
It can't be conditional access, as each publicly accessible user won't have access to the dataverse. Hence the survey data to add to Dataverse using SPN with client secret.
upvoted 2 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 5 times

crushy 11 months, 3 weeks ago
I'm just preparing for the test, but I would use a custom connector, triggered via WebAPI using a (D.)Client Secret to write the data to a Dataverse environment.
upvoted 4 times

HURRYUPGO 1 year ago
D. Client secret.

Using a client secret would allow the survey page to authenticate with the Dataverse environment without requiring user credentials to be entered. The client secret can be generated in Azure AD and then used in the survey page code to authenticate with the Dataverse environment.
upvoted 7 times

HURRYUPGO 1 year ago
Azure AD Conditional Access is a mechanism for applying policies and rules to control access to cloud applications based on certain conditions, such as user location, device health, and application sensitivity. It is not an authentication mechanism by itself.

In this scenario, the requirement is to capture data from a public website and write it to a Dataverse environment, without requiring explicit user credentials. This suggests the need for a non-interactive authentication mechanism, such as client credentials or a managed identity. Therefore, the correct answer is D - Client secret.
upvoted 5 times

DimpleG 1 year, 1 month ago
Selected Answer: B
Create an Azure AD Application: In the Azure portal, create an Azure AD application to represent the survey page.

Assign permissions to the application: Assign permissions to the application to allow it to access the Dataverse environment. This can be done by using the Dataverse Web API.

Generate an access token: Use the Azure AD application to generate an access token. This token can be used to authenticate the application and access the Dataverse environment.

Implement the authentication flow: Use the access token to authenticate the application and access the Dataverse environment. This can be done by using the Microsoft Authentication Library (MSAL) or the Azure AD Authentication Library (ADAL).
upvoted 2 times

Ana20 1 year, 1 month ago
Selected Answer: D
Then I think the answer is D
upvoted 2 times

TSPL400 1 year, 4 months ago
Selected Answer: B
The answer is B, AD Conditional Access
upvoted 4 times

MarioM 1 year, 5 months ago
Selected Answer: B
AD Conditional access
upvoted 3 times

MKK99 1 year, 5 months ago
Then I think the answer is B
upvoted 2 times

Question #30 *Topic 2*

You are a Power App maker.
You are developing an app in a development environment. You create the following custom forms in the Account entity:
FormB contains a message that appears in the OnLoad function of the form.
▪
➩ FormC contains a message that appears in the OnSave function of the form.
You add the forms to a solution and export the solution as managed. Importing the managed solution into the test environment produces an error indicating the solution is missing a component.
You need to identify the issue.
What is the cause of the import error?

A. The web resources were not added to the form before adding the form to the solution.

B. The solution must be exported as an unmanaged solution.

C. The web resources were not added to the solution before exporting.

D. A copy of the form must be made before adding to the solution.

Correct Answer: *C*
Symptoms.
When attempting to import a solution in Microsoft Dynamics 365, the import fails with the following message:
The import of the solution [solution name] failed. The following components are missing in your system and are not included in the solution. Import the managed solutions that contain these components ([name of missing solution] ([solution version])) and then try importing the solution again.
Cause.
This error occurs if you are trying to import a solution that depends on other components that are not in your Microsoft Dynamics 365 organization.

Resolution -
Review the missing component details shown in the import dialog. If there are other solutions listed that are not already imported in the organization where you are trying to import this solution, import those solutions first before trying to import this solution.
Reference:
https://docs.microsoft.com/en-us/troubleshoot/dynamics-365/sales/import-of-solution-fails-due-to-missing-components

Community vote distribution
C (100%)

At09 4 months, 4 weeks ago
YEs C it is
upvoted 1 times

Sudheer93 5 months ago
In exam 09/23/2023
upvoted 1 times

jkaur 6 months, 2 weeks ago
Correct c
upvoted 1 times

whiteblack 9 months, 3 weeks ago
Yes, Correct
upvoted 2 times

alevalli9 11 months, 2 weeks ago
Selected Answer: C
Correct
upvoted 3 times

rober13 1 year, 2 months ago
Selected Answer: C
Correct!
upvoted 2 times

TSPL400 1 year, 5 months ago

answer is correct!

upvoted 4 times

Question #31 *Topic 2*

You are developing a model-driven app for a company.
The app must map child records to a parent record.
You need to use the column mapping feature to configure the app.
Which two actions can you perform? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Map the value of a Choices column on the child table to the value of a Choices column on the parent table.

B. Map the value of a column on the parent table that uses column values from the child table.

C. Map the value of columns on both the child table quick-create and main forms to the value for the same columns on the parent table.

D. Map the value of a single line of text column on the child table to the value of a currency column on the parent record.

Correct Answer: *AC*
Incorrect:
Not B: It is the opposite. The child table uses column values from the parent table.
Not D: The data types need to match. Both columns must be of the same type and the same format.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/map-entity-fields

Community vote distribution
AC (53%) BC (24%) AB (24%)

justin_s Highly Voted 1 year, 1 month ago
Are you all serious? B is the MOST WRONG option. Column mapping can set a value of parent table field to the filed of sub table, B does it in reverse.
And the wording of 'map xxx to xxx' is very confused than 'set xxx to xxx'
I refer to AC.
upvoted 11 times

MarioM Highly Voted 1 year, 5 months ago
Selected Answer: AC
AC is correct
upvoted 7 times

At09 Most Recent 4 months, 4 weeks ago
AC is correct
upvoted 1 times

jkaur 6 months, 2 weeks ago
AC are correct
upvoted 1 times

ziggy1117 7 months ago
Selected Answer: AC
When you map table columns for a 1:N table relationship certain items of data from the primary table row will be copied into the new related table form to set default values that people can edit before saving.
https://learn.microsoft.com/en-us/power-apps/maker/data-platform/map-entity-fields
upvoted 2 times

Preetika27 8 months, 1 week ago
A and C are the correct option because, If you map to or from a column that isn't displayed on a form, the mapping won't be done until the column is added to a form. Option C says the the fields on the "Quick Create" & "Main" form.
upvoted 1 times

Emehoku 10 months, 3 weeks ago
This question was on my 4/7/23 exam
upvoted 3 times

rober13 1 year, 2 months ago
Selected Answer: BC
For me, B is correct but with C I have doubts because it is possible but it is not a certain.
upvoted 1 times

Fyrus 1 year, 2 months ago

Selected Answer: BC

I think it's BC. I guess C means "map the column present in those forms to the other entity". Map relationship is not based on forms but on columns, ok, but I guess they talk about "columns present in those forms"... who knows? Only Microsoft

upvoted 1 times

thulstrup 1 year, 4 months ago

Selected Answer: BC

A and D are not possible. You cannot map a choice value to another choice value as suggested in A.
Could there be something wrong with the wording for question B?
If it was a choice column the question would make sence.

upvoted 2 times

C2StudyClub 1 year, 5 months ago

Selected Answer: AB

I think AB. You dont map relationships based on Forms (C).

upvoted 2 times

TSPL400 1 year, 5 months ago

Selected Answer: AB

I think the answer is AB

upvoted 2 times

Question #32 *Topic 2*

DRAG DROP -

You are creating a Power Platform solution for a fitness studio. Members of the studio will use the solution to track their progress towards fitness goals. Personal trainers create programs with different exercises to match a member's fitness level. Members can opt into a program to submit information about their progress with exercises suggested by a trainer.

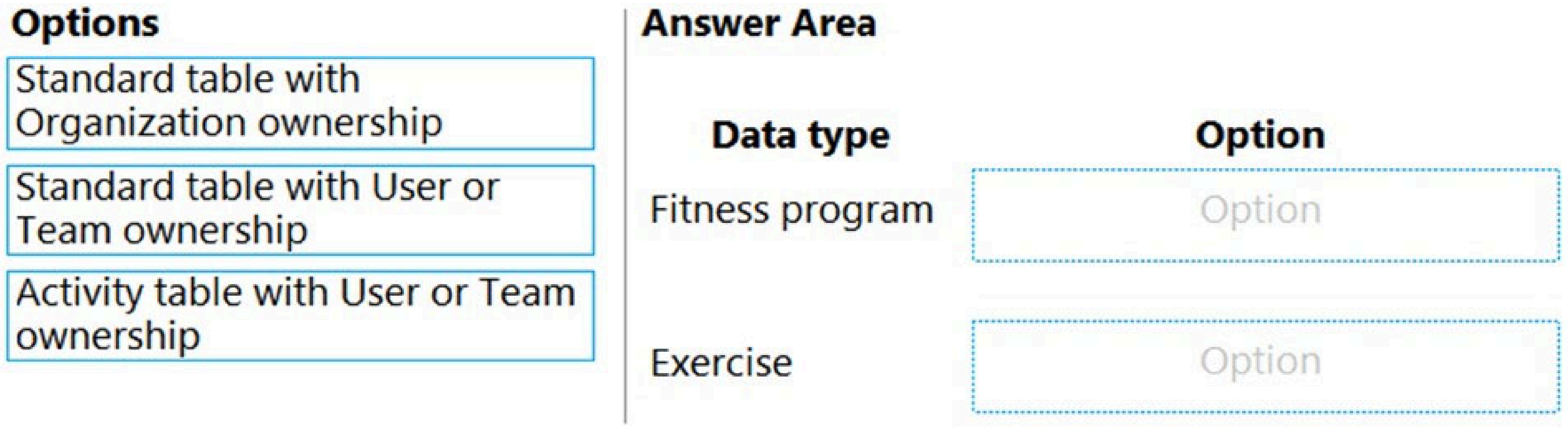
Fitness programs and exercises have specific durations, prices, and dates.

You need to ensure that members can see all of the exercises that a trainer suggests in their calendars.

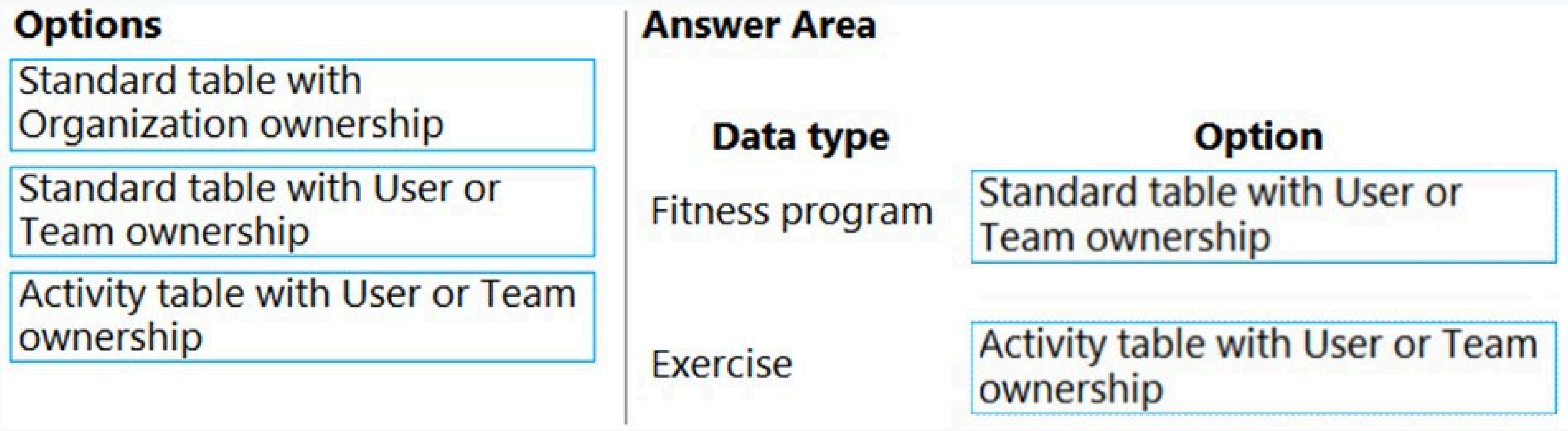
What should you use? To answer, drag the appropriate options to the data types. Each option may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Select and Place:



Correct Answer:



Box 1: Standard table with User or Team ownership

Table ownership -

There are two different types of standard and custom table ownership. When you create a custom table the ownership options are User or team or Organization owned. Once a table is created, the ownership type can't be changed.

Organization - Data belongs to the organization. Access to the data is controlled at the organization level.

User or team - Data belongs to a user or a team. Actions that can be performed on these rows can be controlled on a user level.

Note: Tables appear in Power Apps as one of three different types, which indicate how the table came into the environment, whether the table is managed or unmanaged, and whether it can be customized.

* Standard: Several standard tables, also known as out-of-box tables, are included with a Power Platform environment, that includes Microsoft Dataverse.

Account, business unit, contact, task, and user tables are examples of standard tables in Dataverse. Most of the standard tables included with Dataverse can be customized. Tables that are imported as part of a managed solution and set as customizable also appear as standard tables. Any user with appropriate privileges can customize these tables where the table property has customizable set to true.

* Managed: Are tables that aren't customizable and have been imported into the environment as part of a managed solution.

* Custom: Custom tables are unmanaged tables that are either imported from an unmanaged solution or are new tables created directly in the environment. Any user with appropriate privileges can fully customize these tables.

Box 2: Activity table with User or Team ownership

Activity tables -

An activity can be thought of as any action for which an entry can be made on a calendar. An activity has time dimensions (start time, stop time, due date, and duration) that help determine when the action occurred or will occur. Activities also contain data that helps determine what action the activity represents, for example, subject and description. An activity can be opened, canceled, or completed. The completed status of an activity will have several sub-status values associated with it to clarify the way that the activity was completed.

Activity tables are a special kind of table that can only be owned by a user or team, but can't be owned by an organization. When you create

a table, you can specify it as a standard or activity table.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/types-of-entities

At09 4 months, 4 weeks ago
Correct
upvoted 1 times

yasir24 5 months, 2 weeks ago
A and C
upvoted 1 times

jkaur 6 months, 2 weeks ago
correct
upvoted 2 times

stalee 7 months, 1 week ago
Activity type is different. Fitness programs and Exercise have specific durations, prices and dates. So both answers are "Standard table with User or Team Ownership"
upvoted 1 times

> **700157a** 7 months ago
> How do you solve the calender feature without activity?
> You need to ensure that members can see all of the exercises that a trainer suggests in their "calendars".
> upvoted 4 times

Mitson 9 months ago
I seem good too, very bueno
upvoted 1 times

whiteblack 9 months, 3 weeks ago
I too seem good, very correct.
upvoted 1 times

Alehn96 1 year, 2 months ago
I seem good.
upvoted 2 times

Question #33 *Topic 2*

DRAG DROP -

You have a Microsoft Power Platform solution that includes canvas apps and Power Automate cloud flows. The canvas apps and flows interact with a third-party content management system (CMS). You store the URL for the CMS version (development or production) in an environment variable.

You deploy the solution to a production environment. You observe that the environment variable references the development URL for the CMS. You update the

URL value of the variable directly in the production environment.

You need to assess which environment variable value will be used in the following scenarios.

Which versions of the environment variable will the solution use? To answer, drag the appropriate environment variable versions to the correct scenarios. Each environment variable version 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:

Environment variable versions

- Development
- Production

Answer Area

Scenario	**Environment variable version**
Canvas app sessions open during the update.	
Canvas app sessions launched after the update.	
Power Automate flows which have been saved after the update.	

Correct Answer:

Environment variable versions

- Development
- Production

Answer Area

Scenario	**Environment variable version**
Canvas app sessions open during the update.	Development
Canvas app sessions launched after the update.	Production
Power Automate flows which have been saved after the update.	Production

Box 1: Development -

Box 2: Production -

Environment variables can be created and modified within the modern solution interface, automatically created when connecting to certain data sources in canvas apps, or by using code. They can also be imported to an environment via solutions. Once environment variables are present in an environment, they can be used as inputs when authoring canvas apps, Power Automate flows, when developing plug-ins, as well as many other places such as adding a Power BI dashboard to a model-driven app. When these types of objects use environment variables, the values are then derived from the environment variables and can be changed when solutions are imported to other environments.

Box 3: Production -

Environment variables can be used in solution cloud flows since they are available in the dynamic content selector. All types of environment variables can be used in triggers and actions.

Reference:

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/environmentvariables

Mrbrownn 2 months, 1 week ago

in exam 12-19-2023

upvoted 3 times

jkaur 6 months, 2 weeks ago

correct

upvoted 2 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 2 times

Mitson 9 months ago

I seem very good

upvoted 3 times

whiteblack 9 months, 3 weeks ago

Correct.

upvoted 2 times

MrWood47 1 year, 1 month ago

Answer is correct

upvoted 3 times

Question #34 *Topic 2*

HOTSPOT
-

You are developing a canvas app for a healthcare center.

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

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

You need to create the tables.

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

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Table type
Store information about doctors.	Virtual Activity Standard
Store information about prescription medications.	Virtual Activity Standard

Correct Answer:

Answer Area

Requirement	Table type
Store information about doctors.	Virtual Activity Standard
Store information about prescription medications.	Virtual Activity Standard

At09 4 months, 4 weeks ago

Correct

upvoted 1 times

jkaur 6 months, 2 weeks ago

correct

upvoted 2 times

Mitson 9 months ago

I too seem very good

upvoted 4 times

Muhi98 10 months, 3 weeks ago

Seems correct

upvoted 4 times

Question #35 *Topic 2*

You are mapping data from an enterprise resource planning (ERP) system to Microsoft Dataverse.

You must reference the Name and Email from the ERP system during mapping to ensure that records are unique.

You need to create an alternate key that references the Name and Email columns.

How should you create the key?

A. Add a Power Apps command function.

B. Use Power Fx.

C. Add column to the Account table in Dataverse.

D. Create a key in the Account table in Dataverse.

Correct Answer: *D*

Community vote distribution

D (100%)

At09 4 months, 4 weeks ago

Correct

upvoted 1 times

jkaur 6 months, 2 weeks ago

Correct is D

upvoted 1 times

ziggy1117 7 months ago

Selected Answer: D

Answer correct

upvoted 2 times

ramberry 7 months ago

D. Create a key in the Account table in Dataverse... is absolutely correct :)

upvoted 2 times

Mitson 9 months ago

Creating the key by creating the key seems very good

upvoted 3 times

whiteblack 9 months, 1 week ago

Answer is D. Refer this link:
https://learn.microsoft.com/en-us/power-apps/maker/data-platform/define-alternate-keys-portal

upvoted 2 times

whiteblack 9 months, 3 weeks ago

Correct

upvoted 1 times

Question #36 *Topic 2*

You develop a model-driven app to include a form containing several columns. Two groups of users. named Group1 and Group2 will access the form.

A column contains sensitive data that should not be read by Group2. Group1 must be able to access the column.

You need to prevent Group2 users from viewing the sensitive data.

What should you do?

A. Create a security role for users in Group1 to grant users access to the column.

B. Create multiple forms. Assign a form containing the sensitive data to Group1. Assign a form that does not contain the sensitive data to Group2.

C. Use JavaScript to set visibility of the column based on the group of the current user.

D. Create a field-level security profile for Group1 users to grant the users access to the column.

Correct Answer: *D*

Community vote distribution

D (100%)

uday20 2 months, 1 week ago

D does not prevent users from Gorup 2 to view the sensitive data.
does creating multiple forms satisfy the need?

upvoted 1 times

Net_IT 4 months, 3 weeks ago

Selected Answer: D

Seems correct to me. Field-level security allows you to restrict access to specific fields (columns) for different groups of users. In this case, you can create a field-level security profile that grants access to the sensitive data column for Group1 users and denies access to Group2 users. This approach ensures that Group2 users will not be able to view the sensitive data while allowing Group1 users to access it.

upvoted 1 times

At09 4 months, 4 weeks ago

Correct

upvoted 1 times

jkaur 6 months, 2 weeks ago

correct

upvoted 1 times

whiteblack 9 months, 3 weeks ago

Yes correct

upvoted 2 times

Montoi 1 year ago

Selected Answer: D

D. Create a field-level security profile for Group1 users to grant the users access to the column.

Field-level security allows you to restrict access to specific fields in a table based on a user's security role.

upvoted 4 times

Question #37 *Topic 2*

HOTSPOT

-

A company deploys a set of automation processes. A process generates errors. A portion of the error log is displayed below.

```
{// Inputs
    "host": {
        "connectionReferenceName": "shared_teams",
        "operationId": "PostMessageToConversation"
    },
    "parameters": {
        "poster": "User",
        "location": "Channel",
        "body/recipient/groupId": "94c4b0ec-4aec-4492-8be7-cd2a33a8bd12",
        "body/recipient/channelId": "19:8a2b6144177043ab860e66d6ab528535@thread.tacv2",
        "body/messageBody": "<p>personal discount is 16<br>\n<br>\n<br>\n</p>",
        "body/subject": "Group discount = 18"
    }
}

{// Outputs
    "statusCode": 404,
        "headers": {
    . . .
    },
    "error": {
        "code": "NotFound",
        "message": "Not Found",
        "innerError": {
           "date": "2021-01-27T22:46:43",
            "request-id": "a9b6e4ba-3e7e-404f-af30-3d3fdc41ec08",
            "client-request-id": "a9b6e4ba-3e7e-404f-af30-3d3fdc41ec08"
        }
    }
}
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The error is generated by a flow action.	○	○
The code represents an authentication error.	○	○
The code does not declare a Team ID.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
The error is generated by a flow action.	○	$\boxed{\circ}$
The code represents an authentication error.	○	$\boxed{\circ}$
The code does not declare a Team ID.	$\boxed{\circ}$	○

DummyTest1 Highly Voted 8 months ago
Yes, No and No. This is a flow action to post a message to the teams channel. This error is raised when an incorrect team id and channel id is passed.
upvoted 15 times

emetos05 Highly Voted 8 months, 1 week ago
Yes, No, No. Custom flow action syntax here.
upvoted 7 times

Net_IT Most Recent 4 months, 3 weeks ago
Yes, No, No
upvoted 1 times

At09 4 months, 4 weeks ago
Yes, No, NO
upvoted 1 times

jkaur 6 months, 2 weeks ago
Yes, No, No.
upvoted 1 times

Mitson 9 months ago
No,No,No
It is a graph api call. It is a not found, so not authentication. And GroupId = TeamId. So is included
Seems very well
upvoted 1 times

> **ramberry** 7 months ago
> This is incorrect. This is a cloud flow action error
> upvoted 2 times

> **Sauradj** 8 months, 3 weeks ago
> Why would it be No for first?
> upvoted 1 times

Question #38 *Topic 2*

HOTSPOT

-

The following code updates the customersizecode choice column on the Account table if the numberofemployees column value is greater than 100.

Line numbering is provided for information only.

```
static void UpdateAccount(CrmServiceClient svc, string accountId)
{
    using (svc)
   {
        var account = svc.Retrieve("account", accountId, new ColumnSet(true));

        var numberofemployees = account.GetAttributeValue<int>("numberofemployees");
        if (numberofemployees > 100)
        {
            account["customersizecode"] = new OptionSetValue(2);
            svc.Update(account);
        }
    }
}
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
Does the Retrieve method use the correct parameters?	○	○
Will a plug-in triggered on the update of the numberofemployees column execute after the Update method is executed?	○	○
Will an exception be thrown if the value for numberofemployees is null?	○	○

Correct Answer:

Answer Area

Statement	Yes	No
Does the Retrieve method use the correct parameters?	○	○
Will a plug-in triggered on the update of the numberofemployees column execute after the Update method is executed?	○	○
Will an exception be thrown if the value for numberofemployees is null?	○	○

DimpleG Highly Voted 1 year, 1 month ago

The first one should be No, because the Retrieve method will take GUID as a parameter but given the function sending string as AccountID, the account needs to convert to GUID.

upvoted 15 times

SushiFlango 8 months, 3 weeks ago

1-NO. I agree, Code only works if is new guid(AccountID).
2-No , the second is harder because In the ask no indicated trigger attribute, but Colum set true update all, is not the best practice. this asks with the option Is so idiot because wee don1t have the full context.
3-NO, I agree.

upvoted 2 times

vrpexamtopics 1 year, 1 month ago

I agree. Correct answers are No, No, No.
If you update a retrieved entity record with Update method, all fields get updated and hence plugin will be triggered.
Comparing int with null will return false and will not throw an exception.

upvoted 2 times

Luci79 11 months, 2 weeks ago

A plugin on update will trigger only if filter attributes are not used which is not best practice, here is not clear. Also using Retrieve with ColumnSet(True) is not best practice.

upvoted 2 times

oescm Most Recent 3 months, 2 weeks ago

Shouldn't the second option be "Yes" accoring to Microsoft documentation ?:

"You should avoid retrieving all columns in a query result because of the impact on a subsequent update of records. In an update, this will set all field values, even if they are unchanged, and often triggers cascaded updates to child records"

https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.query.columnset.allcolumns?view=dataverse-sdk-latest

upvoted 2 times

At09 4 months, 4 weeks ago

No to all

upvoted 1 times

MeTToW 4 months, 4 weeks ago

First one is "Yes" , you can find the same code at the page below.
Entity entity = svc.Retrieve("account", accountid, new ColumnSet("name"));
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/org-service/entity-operations-retrieve

upvoted 3 times

friik 2 months, 1 week ago

It's a "No". Look at the parameter of the method, it recieves a string, which is not a correct Guid format. The method parameter should have been (..., Guid accountid) for this to work.

upvoted 2 times

jkaur 6 months, 2 weeks ago

No for all

upvoted 1 times

DummyTest1 8 months ago

I think it should be No, Yes and No. For second one, there seems to be some missing context. But with waht is being mentioned, Yes seems to be correct

upvoted 4 times

emapedrozo 9 months, 3 weeks ago

Sentence 1: No
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/org-service/entity-operations-retrieve

Sentence 2: No
A plugin on update will trigger only if filter attributes are not used which is not best practice. Also using Retrieve with ColumnSet(True) is not best practice, however the parameters are correct.

Sentence 3: No
https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.entity.getattributevalue?view=dataverse-sdk-latest

upvoted 3 times

Burhanshah 5 months, 1 week ago

If Retrieve parameters are correct then Sentence 1 should be Yes

upvoted 2 times

BolDeFruits 11 months, 2 weeks ago

answer is NO , YES,YES.

upvoted 1 times

Lolloloschi97 9 months, 2 weeks ago

When an entity instance does not include the attribute specified using the attributeLogicalName parameter this method will return the default value rather than throw an exception

upvoted 2 times

Luci79 11 months, 2 weeks ago

A plugin on update will trigger only if filter attributes are not used which is not best practice. Also using Retrieve with ColumnSet(True) is not best practice, however the parameters are correct.

upvoted 2 times

Fyrus 1 year ago

if they use columSet(true) every plugin on update of the record will trigger, even if it's value does not changes. Make the test by yourself: Create a plugin that take a value and make it value += 1 on update of another field and make a "columnSet(true)" with an update later...

upvoted 4 times

Luci79 11 months, 2 weeks ago

If the plugin on update has filter attributes it will only trigger when those attributes are updated not always even if you use ColumnSet(True);

upvoted 1 times

friik 2 months, 1 week ago

If the filtering of attributes isn't mentioned, we shouldn't assume that's happening either.

upvoted 1 times

hikmatune 1 year ago

maybe the first one is correct if its GUID as shown in here https://learn.microsoft.com/en-us/power-apps/developer/data-platform/org-service/entity-operations-retrieve#basic-retrieve

upvoted 2 times

friik 2 months, 1 week ago

Look at the method parameter. It's a string, not a Guid, which is incorrect.

upvoted 2 times

Question #39 *Topic 2*

You are developing a Power Apps app to manage records in the Account table in Microsoft Dataverse.

You must configure a Web API request to retrieve changes from the table.

You need to configure the preference header for the API request.

What should you include in the request header?

A. odata.nextLink

B. odata.context

C. odata.deltaLink

Correct Answer: *C*

Community vote distribution

C (100%)

At09 4 months, 4 weeks ago

Delta Link

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

The correct answer is C. odata.deltaLink.

The odata.deltaLink header is used to retrieve changes from a table in Dataverse. It is a more efficient way to retrieve changes than using the odata.nextLink header.

To configure the odata.deltaLink header, you need to include the following in the request header:

odata.deltaLink=https://{server}/{organization}/api/data/v9.0/Accounts?$filter=Id eq guid'{AccountId}'

upvoted 4 times

jkaur 6 months, 2 weeks ago

correct

upvoted 1 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 1 times

Mitson 9 months ago

Seems very good

upvoted 1 times

Jett27 10 months ago

Selected Answer: C

C is the correct answer

upvoted 2 times

Question #40 *Topic 2*

You enable change tracking on the Account table in Microsoft Dataverse.

You plan to use the Organization Service to retrieve the delta data by using C#.

You need to determine which message to use.

What should you use?

A. RetrieveAttributeRequest

B. odata.track-changes

C. RetrieveEntityChangesRequest

D. UpdateEntityRequest

E. UpdateRequest

Correct Answer: *B*

Community vote distribution

C (100%)

Bibichan Highly Voted 10 months, 4 weeks ago

Selected Answer: C

According to this piece of documentation from Microsoft: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems

* When retrieving changes via WebAPI: add header "prefer: odata.track-changes"
* When retrieving changes via .NET code: use RetrieveEntityChangesRequest

Given that the question is pretty much clear ("You plan to use the Organization Service to retrieve the delta data by using C#."), the answer can only be option C.

upvoted 19 times

tobdiord Highly Voted 11 months, 3 weeks ago

Org service doesn't use odata.track-changes... MS docs say RetrieveEntityChangesRequest

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems

upvoted 5 times

Shaowei 11 months, 3 weeks ago

I think API uses odata.track-changes, C# uses RetrieveEntityChanges

upvoted 2 times

At09 Most Recent 4 months, 4 weeks ago

Answer is C

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

C is correct.

To retrieve delta data from the Account table in Microsoft Dataverse using the Organization Service in C#, you should use the RetrieveEntityChangesRequest message. This message is specifically designed for retrieving changes that have occurred in an entity, including changes made after enabling change tracking.

upvoted 1 times

jkaur 6 months, 2 weeks ago

Correct should be C

upvoted 1 times

DummyTest1 8 months ago

Selected Answer: C

Clearly mention in the below link
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems#retrieve-changes-for-a-table-using-net-sdk

upvoted 1 times

whiteblack 9 months, 3 weeks ago

Correct

upvoted 2 times

info_account 11 months ago

Selected Answer: C

https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveentitychangesrequest?view=dataverse-sdk-latest

upvoted 2 times

Question #41 *Topic 2*

A Microsoft Dataverse database contains two custom tables named TableA and TableB. The tables are configured with the following:

• A one-to-many relationship is configured between TableA and TableB.
• A lookup to TableA appears on a form in TableB.
• Both tables are components of an unmanaged solution.
• Both tables are components in a Power BI report.

You receive an error when attempting to delete TableA.

You need to delete the table.

What should you do?

A. Remove TableA from the Power BI report.

B. Remove the relationship between TableA and TableB.

C. Remove TableA from the unmanaged solution.

D. Remove the lookup field to TableA on the TableB form.

Correct Answer: *B*

Community vote distribution

D (69%) B (31%)

Luci79 Highly Voted 11 months, 2 weeks ago
Not sure if it is possible to delete the relationship before removing the lookup from TableA Form. We should first remove the lookup from TableA form and then delete the relationship.
upvoted 9 times

Emehoku 11 months ago
This is correct. The relationship (option B) will be automatically removed by system when you delete the parent table.
upvoted 2 times

MuhammadSaadFahim Highly Voted 6 months, 1 week ago
Selected Answer: D
D. Confirm ! System will show dependencies error and will not allow you to delete relationship. You need to removed the Lookup field first from Form.
upvoted 6 times

karammm Most Recent 3 months, 3 weeks ago
Selected Answer: D
I just tested it and you will have to remove the field from the form first to be able to delete the relationship then delete the table
upvoted 1 times

At09 4 months, 4 weeks ago
Answer is D
upvoted 1 times

HasanAamir11 5 months, 3 weeks ago
Selected Answer: D
D IS RIGHT
upvoted 1 times

jkaur 6 months, 2 weeks ago
B should be
upvoted 2 times

ziggy1117 7 months ago
Selected Answer: B
Just tested this out.. If you create Table A then Table B then immediately create a Lookup to Table A from Table B then a 1:N relationship is immediately created. Conversely, if you delete the relationship then the Lookup Column is also deleted allowing you to immediately delete Table A after
upvoted 2 times

NyarukouSAMA 5 months ago

Of course lookup field will be created, but it won't appear on the form itself. You need to add it manually. And when you do this, you are creating a dependency. That is the main reason why you can't delete Table A.
As for the relation itself, it will be deleted automatically (as well as a lookup field on the related entity), when you are deleting the source table.

upvoted 2 times

andresleonz 5 months, 3 weeks ago

Yeah, that's correct, the lookup field is created and it would work if the lookup wouldn't be on the TableB form. However, the question has this statement "A lookup to TableA appears on a form in TableB". It means the lookup is on the TableB form, therefore, we must remove the lookup field first.

upvoted 1 times

DummyTest1 8 months ago

Selected Answer: B

I think the answer is correct. Just by deleting the lookup feild from the Table B form doesn't ensure the deletion of Table A. Please note that the field is just removed from the form not from the Table B. Hence the final step is to delete the relationship. Additionally, you can't delete the relationship unless field is removed from the Table B form.

upvoted 2 times

qub3 6 months ago

According to your explanation, D is the right answer.

upvoted 1 times

Mitson 9 months ago

D seems good

upvoted 2 times

whiteblack 9 months, 3 weeks ago

D is correct answer, relationship not needed to be deleted. Removing the field alone solves the problem.

upvoted 1 times

Emehoku 10 months, 3 weeks ago

This question was on my 4/7/23 exam

upvoted 2 times

Emehoku 11 months ago

Selected Answer: D

The relationship (option B) will be automatically removed by the system when you delete the parent table. But the field must be removed from the form first.

upvoted 1 times

Question #42 *Topic 2*

Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier
- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications -

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews -

Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate’s local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to store designations and certifications.

What should you do?

A. Create a new Lookup column on the Contact table.

B. Create a new table that has an N:N relationship with the Contact table.

C. Create a new table that has an N:1 relationship with the Contact table.

D. Create a new Choices column on the Contact table.

Correct Answer: *C*

Community vote distribution

B (100%)

MuhammadSaadFahim Highly Voted 4 months, 3 weeks ago

Selected Answer: B

B. Create a new table that has an N:N relationship with the Contact table.

upvoted 5 times

Net_IT Most Recent 4 months, 3 weeks ago

I'd say B. Create a new table that has an N:N relationship with the Contact table. N:N relationship with the Contact table. This associates multiple designations and certifications with a candidate, as each candidate can have multiple designations or certifications, and each designation or

certification can be associated with multiple candidates.
upvoted 2 times

Question #43 *Topic 2*

Case Study -

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Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

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- pro_recruiterassignedid

• Interview
- Application - lookup to Application
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- Contact - lookup to Contact
- Referrer - lookup to SystemUser
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- Recruiter identifier
- Recruiter name

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You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

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• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to prevent the field used by the PCF control from updating the record.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create a business rule to clear the field value.

B. Make the field read-only.

C. Call the setSubmitMode('never') function on the field.

D. Disable existing event handlers on the field.

Correct Answer: *BC*

At09 4 months, 3 weeks ago

B and C are correct

upvoted 1 times

Net_IT 4 months, 3 weeks ago

Correct. Option B, Making the field read-only will prevent users from modifying its value, which effectively prevents it from updating the record unintentionally. Option C, "setSubmitMode('never')" function: By setting the submit mode of the field to 'never,' you indicate that the field value should not be included when the record is saved. This will prevent the field from updating the record when it's changed. Option A is not suitable for this case. Option D is not directly related to preventing the field from updating the record.

upvoted 1 times

Question #44 *Topic 2*

Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier
- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications -
There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews -
Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to track referrals.

What should you do?

A. Add a referral source field to the Application table.

B. Create a new Referral table with required lookup columns to the Contact, SystemUser, and Application tables.

C. Add a second lookup column to SystemUser for manager referrals to the Application table.

D. Create a new Referral table with required lookup columns to the Contact, SystemUser, and JobPosting tables.

Correct Answer: *A*

Community vote distribution

B (83%) A (17%)

iraelena 3 weeks, 1 day ago

Selected Answer: A

As stated in the case study, the referral table already exists. The application table on the other hand doesn't have any link to that table yet, so it should be A

upvoted 1 times

Net_IT 4 months, 3 weeks ago

Selected Answer: B

B. Create a new Referral table with required lookup columns to the Contact, SystemUser, and Application tables.

To track referrals effectively, you should create a new Referral table that establishes the relationships between the Contact (job applicant), SystemUser (referrer), and Application (job application) tables.

upvoted 4 times

uday20 2 months, 2 weeks ago

isn't Referral table already exists, as mentioned in case study?

upvoted 3 times

dj74 4 months, 3 weeks ago

Selected Answer: B

as states in the story

• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting

upvoted 1 times

ekta25 5 months ago

B. Create a new Referral table with required lookup columns to the Contact, SystemUser, and Application tables.

upvoted 3 times

Question #45 *Topic 2*

DRAG DROP

-

Case study

-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background

-

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment

-

• Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.
• Pharmacies submit order requests through email.
• All information at customer locations is handwritten by customer representatives.
• Contoso uses Cerner, which is a medical industry application that uses a proprietary database.
• Some accounts are referrals from other pharmacies.
• Every pharmacy has its own Dynamics 365 Sales instance.

Requirements

-

General

-

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts

-

• Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.
• Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.
• When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.
• A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an Account record is created.
• A field named Priority_Trigger must be created to trigger the Priority field.
• A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users

-

• UserA must be able to create and publish Power Apps apps.
• UserB must be the owner of all the systems and be able to provide permissions and create all new environments.
• UserC must be able to create apps connected to the systems and update the security roles and entities.
• Pharmacy representatives must only be able to run the apps and access their own records.
• Access to the accounting Power Apps app must be restricted to accounting team members.
• End users must have minimum access to the required systems.
• Only supervisors must be able to view phone numbers in the Accounts form.
• Developers must be able to create new apps for all users.
• Sales users must only have access to their own records.

Reporting

-

Pharmacy orders must be displayed in four graphs as follows:

• Annual revenue over $100,000
• Annual revenues under $100,000
• Research facilities
• Hospitals

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

Customizations

-

• Ensure that notifications are sent to the sales team when a lead is added by using Slack.
• Ensure that leads have a review stage added to the sales process.
• Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
• Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
• Fields for the doctor's name and phone number must be displayed in the customer record.
• The doctor entered on the customer's record must be validated against doctors that exist in the system.
• The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
• The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app

-

• A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

• Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
• When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

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

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

NOTE: Each correct selection is worth one point.

Security roles

- System Administrator
- System Customizer
- Basic User
- Environment Maker

Answer Area

User	Security role
UserA	Security role
UserB	Security role
User C	Security role
All employees	Security role

Correct Answer:

Answer Area

User	Security role
UserA	Environment Maker
UserB	System Administrator
User C	System Customizer
All employees	Basic User

Net_IT Highly Voted 4 months, 3 weeks ago

I think:
User A: Environment Maker (can create and publish Power Apps app)

User B: System Admin (Owner of all systems, manage permissipens, creates environments)

User C: System Customizer (Creates apps, updates security roles and entities)

All employees: Basic User (Access to the required systems with minimum access)

upvoted 5 times

Question #46 *Topic 2*

Case study -

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Background -

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment -

Environment -

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data -

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.
• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API -

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.

• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements -

Custom connector -

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process -

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to determine which component to add to the solution to resolve the account records import error.

Which component should you add?

A. connection

B. service endpoint

C. custom connector

D. Account table

Correct Answer: *D*

Community vote distribution

C (100%)

dj74 Highly Voted 5 months ago

Selected Answer: C

Account always exists.

upvoted 6 times

At09 Most Recent 4 months, 3 weeks ago

Custom Connector

upvoted 3 times

Question #47 *Topic 2*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.

Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created.

What should you do?

A. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

B. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

C. Create new calculated fields on the customer entity for insurance exposure and risk. Create a formula to calculate the sum of values from policy records.

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Correct Answer: *D*

Net_IT 4 months, 3 weeks ago

D seems correct.

upvoted 1 times

At09 4 months, 4 weeks ago

The Answer is D

upvoted 1 times

Question #48 *Topic 2*

HOTSPOT

-

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

```
CrmServiceClient service = new CrmServiceClient(connectionString);

if (!service.IsReady)
{
      Console.WriteLine(service.LastCrmError);
      Console.ReadLine();
      return;
}

ExecuteMultipleRequest executeMultipleRequest = new ExecuteMultipleRequest()
{
      Settings = new ExecuteMultipleSettings()
      {
            ContinueOnError = false,
            ReturnResponses = true
      },
      Requests = new OrganizationRequestCollection()
};

executeMultipleRequest.Requests.Add(new CreateRequest()
{
      Target = new Entity("account")
      {
            ["name"] = "Contoso",
            ["accountnumber"] = "ACC-0000001"
      },
      ["SuppressDuplicateDetection"] = false
});

executeMultipleRequest.Requests.Add(new CreateRequest()
{
      Target = new Entity("contact")
      {
            ["firstname"] = "John",
            ["lastname"] = "Doe",
      }
});

ExecuteMultipleResponse executeMultipleResponse = (ExecuteMultipleResponse)service.Execute(executeMultipleRequest);
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	○	○
When a similar account exists, the account will still be created.	○	○
A contact record will always be created.	○	○

Correct Answer:

Answer Area

Statement	Yes	No
When the connection string or credentials are invalid, an error message is sent to the application terminal.	☒	○
When a similar account exists, the account will still be created.	☒	○
A contact record will always be created.	○	☒

At09 Highly Voted 4 months, 4 weeks ago

Answer is Yes, No, No

upvoted 9 times

friik Highly Voted 2 months, 1 week ago

Yes, No, Yes.

1 - Console.WriteLine is called, if the service is not ready, which could be among other stuff, connectionstring or credentials issue.

2. "["SuppressDuplicateDetection"] = false" - Look closely. This means that DuplicateDetection is NOT being supressed, which means that the DuplicateDetection is ACTIVATED - which means that no extra account will be created.

3. The executeMultipleRequest always recieves a new CreateRequest for a Contact, there's no mention of DuplicateDetection here.

upvoted 5 times

PY12396 2 weeks, 5 days ago

Third is No, because if the Account record doesn't get created due it there being a duplicate, then the ContinueOn setting will prevent the contact record from being created

upvoted 2 times

sdkjk Most Recent 1 month ago

it says 'similar' not identical so i think the second one is yes

upvoted 1 times

omarrana 2 months, 4 weeks ago

it should be Yes, no , no
Use Preference header MSCRM.SuppressDuplicateDetection and set its value to false to detect creation of a duplicate record during Create and Update operations.
https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/duplicate-detection-create-update?view=op-9-1

upvoted 2 times

Zahida 3 months, 3 weeks ago

Yes, Yes, No

upvoted 2 times

IvanSA 4 months, 1 week ago

Answer should be Yes, Yes, Yes
- supressduplicateerror is set to false so there is not such a supression
- contact is begin created just by name so there is no duplicate control

upvoted 2 times

Question #49 *Topic 2*

A company designs a solution that contains a new real-time workflow. The workflow populates a lookup column that has a default value.

A managed solution is imported to the test environment.

An error occurs when a test engineer attempts to create a record. The error message states, "Record is not available."

You need to resolve the error.

What should you do?

A. Add missing lookup table records to the solution.

B. Go to the test environment and manually create missing lookup table records.

C. Use the Configuration Migration Tool to extract the lookup table data from the development environment and import it to the test environment.

Correct Answer: *C*

At09 4 months, 4 weeks ago

its a bad practice to hard code the Guid (Would go with Unique Name) but in this scenario its C

upvoted 3 times

Question #50 *Topic 2*

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

A. permissions assigned to the corresponding application user

B. permissions assigned to the user triggering the Azure resource

C. permissions equivalent to the environment admin role

D. permissions equivalent to the system administrator role

Correct Answer: *A*

Community vote distribution

A (75%) B (25%)

AzureExpertwannabe 4 weeks, 1 day ago

Selected Answer: A

https://learn.microsoft.com/en-us/purview/register-scan-dataverse?tabs=MI

upvoted 1 times

Bmatix 1 month, 1 week ago

Selected Answer: A

You have to add an application user and then add the Managed Identity as an app

upvoted 2 times

vranda_01 1 month, 3 weeks ago

D is the correct answer

upvoted 1 times

basiltomato 4 months ago

I would say A
https://www.linkedin.com/pulse/connect-dataverse-using-managed-identity-without-client-pieter-dubois/

The guy creates an app user and assigns MI to it. He also says to configure the required security roles for this user.
"Complete the entry with the correct Business Unit and assign the necessary security role(s)"

B doesn't make sense as the Mis have their own identity to which the roles are assigned
C doesn't make sense for the above reasons as well. Where would env admin role come from? You would need to assign it to the MI first.
D same as C

upvoted 4 times

At09 4 months, 4 weeks ago

It should be B

upvoted 1 times

shitonmyshoe 5 months ago

Selected Answer: B

B. Managed identities = Azure https://learn.microsoft.com/en-us/power-apps/maker/data-platform/azure-synapse-link-msi

upvoted 1 times

ekta25 5 months ago

C. permissions equivalent to the environment admin role

upvoted 1 times

Question #51 *Topic 2*

HOTSPOT
-

You manage two Microsoft Power Platform managed solutions.

You must update the solutions and import them into an environment that has no customizations.

Solution A
-
• Changes the length of the name column to 75
• Adds the categoryid column at the top of the Account Information section of the Account form

Solution B
-
• Changes the length of the name column to 100
• Adds the territoryid column at the top of the Account Information section of the Account form

Solution A must be imported before Solution B.

You need to determine what state the components are in after importing the solutions.

Which effect does each component exhibit? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Component	Effect
Column	Length is 75. Length is 100. Length is unchanged.
Form	Both columns appear in the Account Information section. Only the territoryid column appears in the Account Information section. Both columns are added to the Conflicts tab.

Correct Answer:

Answer Area

Component	Effect
Column	Length is 75. Length is 100. Length is unchanged.
Form	Both columns appear in the Account Information section. Only the territoryid column appears in the Account Information section. Both columns are added to the Conflicts tab.

CP14 3 months, 2 weeks ago

Correct

upvoted 3 times

NNNT 3 months, 2 weeks ago

If you have any explanation for the first one that would be great

upvoted 1 times

DaBoy 1 month, 1 week ago

Cause both soulutions change the same column(name) and a comes before b so the value changes to 100

upvoted 2 times

Question #52 *Topic 2*

DRAG DROP

-

You manage two Microsoft Power Platform solutions.

• Solution A contains a custom text column named custom_text.
• Solution B contains a view that references the custom_text column.

Both solutions in the managed state are installed in the destination environment.

You need to delete the custom_text column and apply changes in the destination environment.

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

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

Actions

- Export Solution A as managed from the source environment. Import Solution A to the destination environment.
- Export Solution B as managed from the source environment. Import Solution B to the destination environment.
- Delete the custom_text column in the source environment.
- Remove the referenced custom_text column from the Solution B view in the source environment.

Answer Area

Correct Answer:

Answer Area

- Remove the referenced custom_text column from the Solution B view in the source environment.
- Export Solution B as managed from the source environment. Import Solution B to the destination environment.
- Delete the custom_text column in the source environment.
- Export Solution A as managed from the source environment. Import Solution A to the destination environment.

koboj 2 months, 3 weeks ago

Why is B exported first?

upvoted 1 times

friik 3 months ago

Correct.
The order can be changed around, but I'd probably do it like this:

1. Delete the field from the View (If it is still referenced on the view, you wont be able to delete it)
2. Delete the field from the Solution
3. Export Solution B (As it removes the reference to the field from the View on the targetedsolution)
4. Export Solution A (As it removes the field from the targeted solution

upvoted 2 times

SanderDev 2 months, 4 weeks ago

I suppose, you can switch step 2&3 from place. But it doesn't matter both will work

upvoted 3 times

Question #53 *Topic 2*

DRAG DROP

-

A company manages a Microsoft Power Platform solution that includes an account table.

You enable an Auditing flag in the table and import a managed version of the solution to the production environment.

After the import, you observe that the Auditing flag is disabled in the production environment.

You check solution layering of the Account table. You observe that the First Party solution customization lays on top of the solution.

You need to enable the Auditing setting.

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

Actions

- Delete the new solution from the development and production environments.
- With the Account table, export the original solution as managed from the development environment and import it to the production environment by using the Upgrade setting.
- Remove the Account table from the original solution. Export the solution as managed from the development environment and import it to the production environment by using the Upgrade setting.
- Add the Account table and all customizations of this table to the original solution.
- Create a blank solution and move Account table customizations from the original solution to the blank solution. Export the new solution as managed from the development environment and import it to the production environment.

Steps to enable the Auditing setting

Correct Answer:

Steps to enable the Auditing setting

- Create a blank solution and move Account table customizations from the original solution to the blank solution. Export the new solution as managed from the development environment and import it to the production environment.
- Remove the Account table from the original solution. Export the solution as managed from the development environment and import it to the production environment by using the Upgrade setting.
- Delete the new solution from the development and production environments.
- Add the Account table and all customizations of this table to the original solution.
- With the Account table, export the original solution as managed from the development environment and import it to the production environment by using the Upgrade setting.

SanderDev 2 months, 4 weeks ago

Answer is wrong, these is the correct order:
1) Create a blank solution and Move Account table and customizations
2) Remove the Account table from the original solution
3) Add the Account table and customizations to the original solution
4) Delete the new solution from both environments
5) With the Account table, export the original

upvoted 3 times

Question #54 *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 once correct solution, while others might not have a correct solution.

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

A company develops a new custom connector for a Microsoft Entra ID-protected Azure Function that was created as a single tenant app.

The custom connector must be moved to a production environment. The connector must be visible and accessible only to users in the tenant.

You need to deploy the custom connector.

Solution: Add the custom connector to a managed solution, export the managed solution, and then import the managed solution into the production environment.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Community vote distribution

B (100%)

Panda01 3 weeks, 4 days ago

Selected Answer: B

B: No

You can't add components to a managed solution, only unmanaged solutions.

upvoted 1 times

Question #55 *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 once correct solution, while others might not have a correct solution.

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

A company develops a new custom connector for a Microsoft Entra ID-protected Azure Function that was created as a single tenant app.

The custom connector must be moved to a production environment. The connector must be visible and accessible only to users in the tenant.

You need to deploy the custom connector.

Solution: Publish the custom connector to AppSource.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Question #56 *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 once correct solution, while others might not have a correct solution.

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

A company develops a new custom connector for a Microsoft Entra ID-protected Azure Function that was created as a single tenant app.

The custom connector must be moved to a production environment. The connector must be visible and accessible only to users in the tenant.

You need to deploy the custom connector.

Solution: Use the maker portal to export the custom connector. Then use the maker portal to import the connector into the production environment.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*

Question #57 *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 once correct solution, while others might not have a correct solution.

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

A company develops a new custom connector for a Microsoft Entra ID-protected Azure Function that was created as a single tenant app.

The custom connector must be moved to a production environment. The connector must be visible and accessible only to users in the tenant.

You need to deploy the custom connector.

Solution: Use Postman to export the custom connector. Then use Postman to import the connector into the production environment.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Serious123 2 weeks, 5 days ago

You could import the custom connector as a postman collection right?

upvoted 2 times

Topic 3 - Question Set 3

Question #1 *Topic 3*

A create a model-driven app. You run Solution checker. The tool displays the following error:
Solution checker fails to export solutions with model-driven app components.
You need to resolve the issue.
What should you do?

A. Manually export the solution before running Solution checker

B. Assign the Environment Maker security role to the Power Apps Checker application user

C. Assign the System Administrator security role to your user ID

D. Disable the Power Apps Checker application user

E. Assign the Environment Maker security role to your user ID

Correct Answer: *B*
To resolve this issue, grant the Environment Maker security role to the Power Apps Checker application user.
Note: Solution checker fails to export solutions with model-driven app components
If a solution contains a model-driven app, Solution Checker might fail to export the solution for analysis. This error is caused by role-based security for sharing of apps. If the Power Apps Checker application user does not have appropriate access to model-driven apps, any solutions containing them will fail to export with solution checker.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/data-platform/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions-with- model-driven-app-components

Community vote distribution
B (100%)

JaheimYao Highly Voted 2 years, 3 months ago
To resolve this issue, grant the Environment Maker security role to the Power Apps Checker application user.
link:https://docs.microsoft.com/en-us/powerapps/maker/data-platform/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions-with-%20model-driven-app-components
upvoted 11 times

> **AADAdmin1** 1 year, 7 months ago
> Solution checker fails to export solutions with model-driven app components
> If a solution contains a model-driven app, solution checker might fail to export the solution for analysis. This error is caused by role-based security for sharing of apps. If the Power Apps Checker application user does not have appropriate access to model-driven apps, any solutions containing them will fail to export with solution checker.
>
> To resolve this issue, grant the Environment Maker security role to the Power Apps Checker application user.
> upvoted 5 times

chiarapino Highly Voted 1 year, 9 months ago
Why B and not E? The question says "You run Solution checker"
upvoted 7 times

> **DimpleG** 1 year, 1 month ago
> Make sense to me also, Why not E?
> upvoted 1 times

> **SdDev** 1 year, 8 months ago
> Correct, I feel the solution should be E
> upvoted 2 times

At09 Most Recent 4 months, 4 weeks ago
Answer is B
upvoted 1 times

jkaur 6 months, 2 weeks ago
SHOULD BE B
upvoted 1 times

KillaHai 1 year ago

The Power Apps Checker application user is a system user account that is automatically created when Power Apps Checker is enabled for an environment in the Power Platform admin center.

This user account is used by the Power Apps Checker service to scan solutions and identify issues or warnings with their components, including model-driven apps, canvas apps, flows, connectors, and other customizations.

The Power Apps Checker application user requires the Environment Maker security role to be able to scan solutions in an environment. This user account is not intended to be used by individual users, and cannot be used to log in to Power Apps or any other Power Platform service.
By using the Power Apps Checker application user, developers can automate the process of checking solutions for issues and warnings, and ensure that their solutions meet best practices and standards, without the need for manual checks.

upvoted 1 times

rober13 1 year, 2 months ago

Selected Answer: B

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions-with-model-driven-app-components

"To resolve this issue, grant the Environment Maker security role to the Power Apps Checker application user."

upvoted 2 times

CoktaiiL 1 year, 4 months ago

Selected Answer: B

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions-with-model-driven-app-components

upvoted 2 times

PradipJad 1 year, 6 months ago

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker
Solution checker fails to export solutions with model-driven app components
If a solution contains a model-driven app, solution checker might fail to export the solution for analysis. This error is caused by role-based security for sharing of apps. If the Power Apps Checker application user does not have appropriate access to model-driven apps, any solutions containing them will fail to export with solution checker.

To resolve this issue, grant the Environment Maker security role to the Power Apps Checker application user.

upvoted 1 times

siddhu_47 2 years, 5 months ago

Correct as per the given link

upvoted 1 times

Question #2 *Topic 3*

HOTSPOT -

A company uses SharePoint for its intranet and other functions. The company has also implemented model-driven apps.

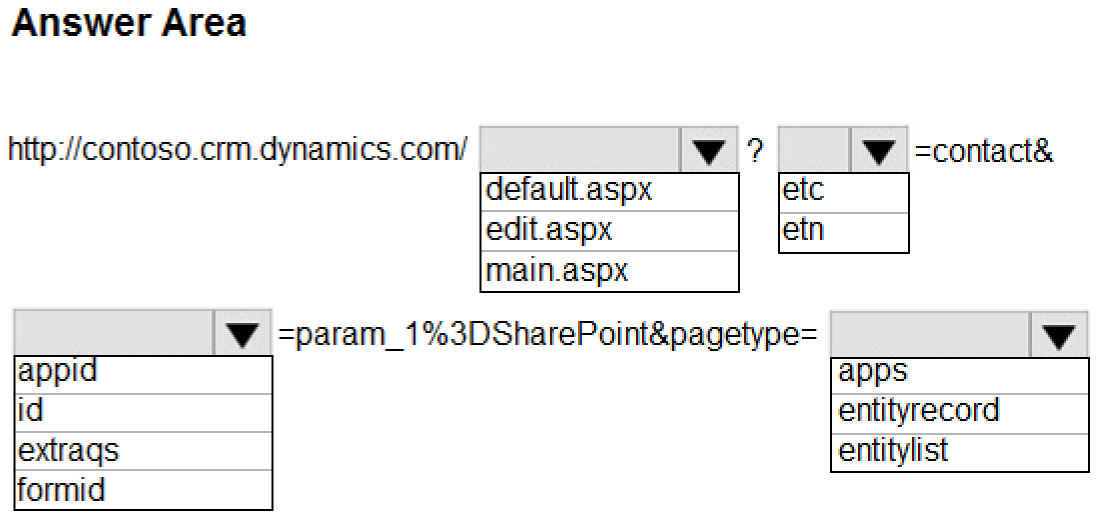
SharePoint users must be able to create contact records in Microsoft Dataverse without having to navigate to the model-driven apps.

You need to create a link in SharePoint to open the Dataverse contact form displaying data from SharePoint.

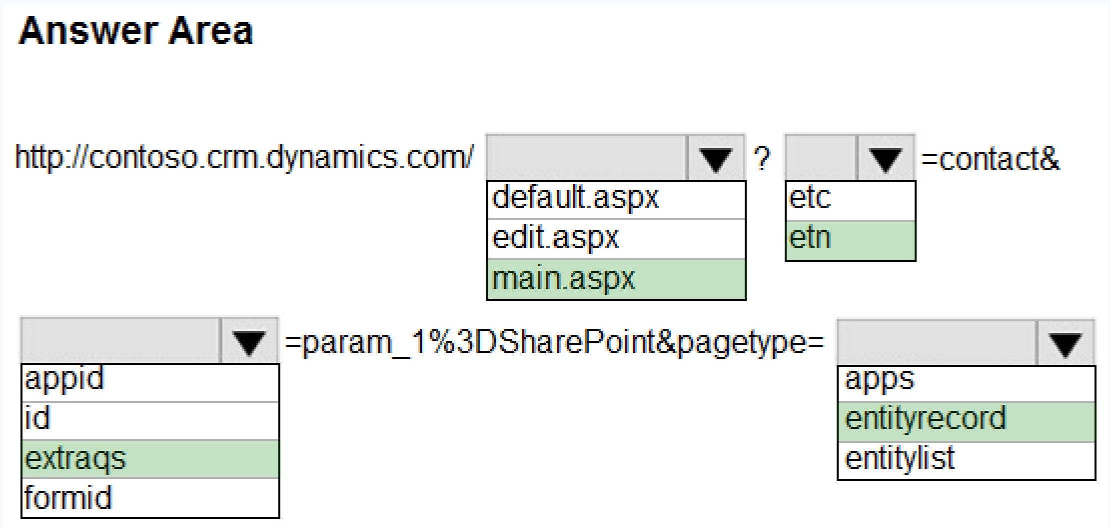
How should you complete the URL? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: main.aspx -

Example, to open the Active Contacts view.

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

Box 2: etn -

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

Box 3: Extraqs -

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

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

Note: You must encode the parameters passed in the extraqs parameter. To encode the parameters, use encodeURIComponent. To use special characters like

"=" or "&" in the parameter values, you must double encode (e.g. to set name to A=B&C, it would be extraqs=name%3DA%253DB%2526C).

Box 4: entityrecord -

Example: Set the value for choice columns

To set the value for a Choice column, set the integer value for the option. The following sample sets the Role column value to ג€Decision Makerג€ in a new contact record.

The unencoded value for the extraqs parameter is ג€accountrolecode=1ג€.

/main.aspx?etn=contact&extraqs=accountrolecode%3D1&pagetype=entityrecord

Note: Pagetype: The type of page. There are two possible values:

- entityrecord

Displays an entity record form.

- entitylist

Displays an entity view.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/open-forms-views-dialogs-reports-url
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/set-field-values-using-parameters-passed-form

jkaur 6 months, 2 weeks ago
Answer is correct
upvoted 1 times

stalee 7 months, 1 week ago
The provided answer is correct. extraqs is a optional parameter to set the field value.

--Open the new contact record
https://ltiblogs.crm.dynamics.com/main.aspx?etn=contact&pagetype=entityrecord

--Open the new contact record and set the lastname=Testing
https://ltiblogs.crm.dynamics.com/main.aspx?etn=contact&extraqs=lastname%3DTesting&pagetype=entityrecord
upvoted 1 times

Ana20 1 year, 1 month ago
the answer is
main.aspx / etn / extraqs/ entityrecord
upvoted 2 times

MarioM 1 year, 5 months ago
should be ID
upvoted 1 times

Vinodds 1 year, 5 months ago
provided answer is correct. It's create form so there is no Id.
upvoted 6 times

Flatternschuchtern 1 year, 5 months ago
the answer is
main.aspx / etn / id / entityrecord

how is it supposed to open the form if you don't povide the id?
upvoted 1 times

Vinodds 1 year, 5 months ago
It's a create form so there is no Id
upvoted 4 times

Flatternschuchtern 1 year, 4 months ago
Alright you right
upvoted 1 times

Question #3 *Topic 3*

A company uses a model-driven app to record details of laboratory test.
You are asked to create a custom component that makes it easier to capture multiple values from lab test results on mobile devices.
You need to create the interface for the dataset in case the mobile devices lose connection to the network.
Which method should you use?

A. SaveData

B. updateView

C. init

D. getClient

Correct Answer: *A*
Use LoadData and SaveData for basic data storage while offline.
Note:
When building mobile apps, one of the most common scenarios app makers face is how to enable their users be productive in situations where there is limited or no connectivity at all. This has been one of the most requested features for PowerApps to allow running apps while being disconnected and to provide some support for offline data caching. In this release of PowerApps, we are delivering the first set of improvements for app makers to achieve that by enabling:
1. Launching the PowerApps mobile player app offline
2. Running apps while being offline
3. Determine when your app is online or offline or in a metered connection by using the Connection signal object.
4. Leverage existing formulas such as LoadData and SaveData for basic data storage while offline.
Reference:
https://powerapps.microsoft.com/sv-se/blog/build-offline-apps-with-new-powerapps-capabilities/

Community vote distribution

B (79%) A (21%)

Prakash4691 Highly Voted 3 years ago
SaveData is wrong, which works only on canvas app.

Offline capability from MDA in mobile, we need to create profile and enable some entities in case if mobile loses connectivity so that we still have access to those data.

Init is to render the grid control and in update view we can write logic to render data in the grid.

My answer would be updateview.

reference link : Enable offline capability in MDA for mobile - https://knowledgefrommanish.com/powerapps/power-apps-mobile-app-mobile-offline-capability-for-model-driven-apps/
upvoted 32 times

Dean0918 2 years, 11 months ago
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/reference/control/updateview
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-savedata-loaddata
upvoted 2 times

Dean0918 2 years, 11 months ago
UpdateView is correct i think
upvoted 8 times

Yuro 2 years, 11 months ago
agree with dean
upvoted 2 times

PrincipalJoe 2 years ago
Why is updateView correct?? This is a method called when a value has changed. so in this method you can implement your code but it does not handle itself when the user is offline.

The SaveData function stores a collection for later use under a name. So you may implement SaveData in the updateView event method
upvoted 3 times

Net_IT 6 months, 3 weeks ago

updateView will be called when any value in the property bag has changed.
This also includes global values such as offline status.
Also, SaveData is for Canvas Apps.
upvoted 1 times

val_maly Highly Voted 2 years, 10 months ago
"You are asked to create a custom component". So you need to use PCF and the only methods in PCF interface are init and updateView. Init is to initialize component, so I vote for updateView
upvoted 24 times

fihemal249 2 years, 3 months ago
Most to the point answer to the question
upvoted 3 times

At09 Most Recent 4 months, 4 weeks ago
Should be updateView
upvoted 1 times

jkaur 6 months, 2 weeks ago
Updateview
upvoted 1 times

emt2021 9 months, 1 week ago
SaveData is used for canvas app, thus can't be correct.
https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/offline-apps
upvoted 2 times

BolDeFruits 11 months, 2 weeks ago
Custom component can be a pcf , but can be a page app or a canvas apps. A is correct.
upvoted 1 times

DimpleG 1 year ago
Selected Answer: A
A "SaveData" method typically allows to persist the data locally on the device, so it can be retrieved later even if the device loses connection to the network. This method is typically used in offline-capable apps to ensure that data is not lost even if the network connection is lost. In this case, since the requirement is to capture multiple values from lab test results on mobile devices, and to ensure that the data is not lost in case of network disconnection, using a "SaveData" method would be an appropriate solution.
"UpdateView" is a method that is used to refresh or update the display of the user interface. It is typically used to reflect changes in the data or state of the app, such as changes made by the user or changes received from a server. In this case, "UpdateView" would not be an appropriate method for ensuring that the data is saved in case the mobile device loses connection to the network.
upvoted 3 times

Fyrus 1 year, 2 months ago
Selected Answer: B
based on comments it's clear that A is not sure
upvoted 1 times

pkatsa 1 year, 9 months ago
Selected Answer: B
in exams 24/5 . savedata was not an option anymore
upvoted 10 times

jkaur 2 years ago
UpdateView
upvoted 2 times

BunkMoreland 2 years, 5 months ago
Can we not create the canvas app as the interface and then use SaveData ? Then embed it as a custom control in the model driven app ? This is the most 'low-code' way of implementing it as opposed to using PCF
upvoted 3 times

captainkirk 2 years, 8 months ago
I would go with SaveData... you are asked to create the custom component for mobile devices...and design an interface. wouldnt this be a canvas-app? the question only says that the company use a model-driven app.
upvoted 7 times

sallo 2 years, 8 months ago
totally agree with you
upvoted 3 times

reivaxmik 2 years, 10 months ago
but you can embed a canvas app into MDA that might have that custom component for offline. so savedata might still be an answer?
upvoted 1 times

reivaxmik 2 years, 9 months ago

UpdateView is the answer
This 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.

upvoted 4 times

Question #4 *Topic 3*

DRAG DROP -

Technicians for a company use a model-driven app on their phones to record information about service visits. Users do not have permissions to the Power Apps maker portal to create or update apps.

Technicians report issues with the model-driven app. You are unable to reproduce the issues in a development environment.

You need to provide instructions to the technicians to gather more details about the errors.

Which four actions should you recommend be performed 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:

Actions

- Perform the steps to generate the errors and download the results from Monitor.
- Open the app in a browser on the phone.
- Open the application in a browser on a laptop computer when they return to the office.
- Perform the steps to generate the errors while you monitor the technician's monitor debug session.
- Add the following text to the end of the URL for the app: "&monitor=true"
- Open the app on a phone by using Power Apps mobile.

Answer area

Correct Answer:

Actions

- Perform the steps to generate the errors while you monitor the technician's monitor debug session.
- Open the app on a phone by using Power Apps mobile.

Answer area

- Open the app in a browser on the phone.
- Add the following text to the end of the URL for the app: "&monitor=true"
- Perform the steps to generate the errors and download the results from Monitor.
- Open the application in a browser on a laptop computer when they return to the office.

Step 1: Open the app in a browser on the phone.

Step 2: Add the following text to end of the URL for the app: "&monitor=true"

You can start a Monitor session from a model-driven app. To do this, append &monitor=true to the end of the URL in the browser. This displays the Monitor command on the model-driven app global command bar. Select Monitor to open a monitoring session in a new tab.

Step 3: Perform the steps to generate the errors and download the results from Monitor.

Step 4: Open the application in a browser on a laptop computer when they return to the office

Reference:

https://powerapps.microsoft.com/en-us/blog/monitor-now-supports-model-driven-apps/

fihemal249 Highly Voted 2 years, 1 month ago

1) Open the application in a browser on a laptop computer when they return to the office
2) Add the following text to the end of the URL for the app:
3) Open the app on a phone by user Power App mobile
4) Perform the steps to generate the errors while you monitor the technicians monitor debug session

upvoted 39 times

At09 Most Recent 4 months, 4 weeks ago

1) Open the application in a browser on a laptop computer when they return to the office
2) Add the following text to the end of the URL for the app:
3) Open the app on a phone by user Power App mobile
4) Perform the steps to generate the errors while you monitor the technicians monitor debug session

upvoted 1 times

xyzzy123 1 year, 1 month ago

1) Open the application in a browser on a laptop computer when they return to the office
2) Add the following text to the end of the URL for the app:
3) Open the app on a phone by user Power App mobile
4) Perform the steps to generate the errors while you monitor the technicians monitor debug session

upvoted 1 times

justin_s 1 year, 1 month ago

"Add the following text to the end of the URL for the app:", and then what? the current app will not join any debug session. you must open a new app by 'play model-driven app' button.
"Open the app on a phone by user Power App mobile", what's that for with no debug session???
"Perform the steps to generate the errors while you monitor the technicians monitor debug session", how can you monitor the steps? how can you get the debug session???

upvoted 1 times

test11234567899 1 year, 3 months ago

1) Open the application in a browser on a laptop computer when they return to the office
2) Add the following text to the end of the URL for the app:
3) Open the app on a phone by user Power App mobile
4) Perform the steps to generate the errors while you monitor the technicians monitor debug session

upvoted 1 times

CoktaiiL 1 year, 4 months ago

"Model-driven apps for Dynamics 365 Sales, Dynamics 365 Customer Service, and Dynamics 365 Field Service don't run in Power Apps mobile. Instead, you use the Dynamics 365 for phones and tablets app. "

that would mean that "Open the app on a phone by user Power App mobile" can't be in the correct answer

upvoted 1 times

PGG 1 year, 4 months ago

I agree with fihemal, sure you were right, I thinks that's why now is just "Open the app on a phone". Exam topic answers doesn't make any sense. Following fihemal answers you will need:
1 -> To been able to open Monitor, using a laptop makes sense, you are not going to be able to debug properly on a phone even if it's allow(I don't know if that is the case)
2 -> Load the monitor to debug the next session
3 -> Open the model-driven app on the enviroment that is generating the error
4 -> Monitor the technician steps while generating the errors to follow up events

upvoted 1 times

jkaur 2 years ago

1) Open the application in a browser on a laptop computer when they return to the office
2) Add the following text to the end of the URL for the app:
3) Open the app on a phone by user Power App mobile
4) Perform the steps to generate the errors while you monitor the technicians monitor debug session

upvoted 4 times

Question #5 *Topic 3*

You deploy a Power Platform plug-in to a production environment. The plug-in code contains detailed tracing information. You are a member of the Environment
Maker security role for the environment.
Users report unexpected results when they interact with confidential data by using the plug-in. You confirm that the plug-in works without errors in a development environment.
You need to investigate the root cause of the plug-in errors.
What should you do?

A. Send a PUT request to enable plug-in tracing for the production environment.

B. Send a GET request to retrieve the plugintracelogs records.

C. Install Plug-in profiler in the production environment by using the Plug-in Registration tool.

D. Reproduce and capture the errors, then debug from Visual Studio.

Correct Answer: *C*
Plug-in profiler is a solution that you can install on your environment that enables you to capture the execution context of a plug-in and then use that data to re- play the event within Visual Studio while debugging.
There are two tools available from which to run the Plug-in Profiler: the Plug-in Registration Tool and Power Platform Tools for Visual Studio.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in

Community vote distribution
B (95%) 5%

nightzsze Highly Voted 2 years ago
Selected Answer: B
Definite B. Install a profile in production and ask user to do one more try to trigger the error? Are u kidding me?
upvoted 17 times

Surisur Highly Voted 2 years, 1 month ago
Answer is B.
To see the details, it is easier to query this data using the Web API in your browser using the following query with the plugintracelog EntityType, using the typename property to filter results in the messageblock property based on the name of the plug-in class:

GET <your org uri>/api/data/v9.0/plugintracelogs?$select=messageblock&$filter=typename eq 'BasicPlugin.FollowUpPlugin'
upvoted 6 times

svvin Most Recent 2 months, 2 weeks ago
Selected Answer: C
It can't be B. Because here: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/debug-plug-in
It says: "Before you will be able to use this service, you must enable tracing in your Microsoft Dataverse environment." And in the question and in B answer there is no any word about enable tracing.
upvoted 1 times

waitsun 3 months, 1 week ago
Selected Answer: B
Answer is B
upvoted 1 times

MeTToW 3 months, 2 weeks ago
Question says it's a confidential data. If you get logs by using GET, those data will be exposed? So C seemed more proper way to me.
upvoted 2 times

At09 4 months, 4 weeks ago
B is the one
upvoted 1 times

ekta25 5 months ago
Answer is C
Installing Plug-in profiler in the production environment by using the Plug-in Registration tool is another viable option. It allows you to collect detailed profiling information about the plug-in's execution1.
upvoted 1 times

MikeAWS 5 months, 3 weeks ago

B is correct.

By sending a GET request to retrieve the "plugintracelogs" records, you can access the detailed tracing information and error logs generated by the plug-in in the production environment. This information will help you diagnose and troubleshoot the issues reported by users.

Option C (Installing Plug-in profiler in the production environment) is typically used for profiling and debugging during development, and it may not be suitable for diagnosing production issues.

upvoted 1 times

jkaur 6 months, 2 weeks ago

Should be B

upvoted 1 times

700157a 7 months ago

Answer is B
" The plug-in code contains detailed tracing information."

upvoted 1 times

Fyrus 1 year, 2 months ago

Selected Answer: B

It could even be D if you get errors and debug in the right way buy, by profiling in production you can make a mess, slow the system and block triggers for users that are not facing those errors... It's really looks like Microsoft want us to go for B here

upvoted 1 times

test11234567899 1 year, 3 months ago

Selected Answer: B

its B I guess

upvoted 1 times

MarioM 1 year, 5 months ago

Selected Answer: B

GET plugintracelog

upvoted 1 times

Surisur 2 years, 1 month ago

Answer is C.

upvoted 2 times

wwwtmmm 2 years, 1 month ago

answer B
Environment Maker can not install Plugin Profiler

upvoted 3 times

TKMod 2 years, 1 month ago

But when an exception gets fired it will not create a plugin profile, right?
So Solution C and D can't be correct. I would go with B.

upvoted 1 times

HelloWorldHere 2 years, 1 month ago

No Its Creates Plugin profile.

upvoted 2 times

fady1 2 years, 1 month ago

How about confidential data?

upvoted 3 times

Question #6 *Topic 3*

DRAG DROP -

You are creating a model-driven app.

Users need to see only the entities in the app navigation that are relevant to their role and their method of accessing the app.

You need to restrict entities on the sub-areas in the SiteMap.

Which properties should you use? To answer, drag the appropriate properties to the correct requirements. Each property 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:

Answer Area

Properties

- Client
- Offline Availability
- Privileges
- SKUs

Requirement	Property
Ensure that the entity is visible only if the user can create records.	
Ensure that the entity is visible only if the user is accessing the app with a web browser.	

Correct Answer:

Answer Area

Properties

- Client
- Offline Availability
- Privileges
- SKUs

Requirement	Property
Ensure that the entity is visible only if the user can create records.	Privileges
Ensure that the entity is visible only if the user is accessing the app with a web browser.	Client

Box 1: Privileges -

Privileges: This defines whether a subarea is displayed based on privileges available in any security roles that are assigned to the user.

Box 2: Client -

Client: Select the type of client that displays this subarea.

Incorrect Answers:

Offline Availability: Select this check box to make this subarea available to users when they are offline in Dynamics 365 for Outlook.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-site-map-app

Ravindarreddy Highly Voted 2 years, 2 months ago

The Correct Answers are
1. Privileges
2. Client

upvoted 39 times

Kollyjose Highly Voted 3 years, 1 month ago

Correct

upvoted 17 times

At09 Most Recent 4 months, 4 weeks ago
Privileges and Client
upvoted 1 times

jkaur 6 months, 2 weeks ago
1. Privileges
2. Client
upvoted 1 times

kT185 1 year, 11 months ago
1. Privileges
2. Client

Note:
Privileges: This defines whether a subarea is displayed based on privileges available in any security roles that are assigned to the user.
SKUs: Select the versions of Dynamics 365 that display this subarea.
Client: Select the type of client that displays this subarea.
Offline Availability: Select this check box to make this subarea available to users when they are offline in Dynamics 365 for Outlook.

Ref: https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-site-map-app#add-a-subarea-to-a-group-in-the-site-map
upvoted 5 times

shibax 2 years ago
second anser is client!
upvoted 3 times

fady1 2 years, 1 month ago
Wrong answer, second box should be client
upvoted 5 times

annie_jinmaoinc 2 years, 1 month ago
Correct: 1. Privileges 2. Client
upvoted 4 times

sumiiiiiiiii 2 years, 2 months ago
As per Q3 in Topic 3 the answer should be "Client".
Only difference is there the requirements are 3 and here the requirements are 2
upvoted 3 times

erikpel 2 years, 2 months ago
Privileges and Client, see: https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-site-map-app#add-a-subarea-to-a-group-in-the-site-map
upvoted 4 times

rijifa7178 2 years, 8 months ago
correct
upvoted 3 times

SumitChavan 2 years, 9 months ago
correct
upvoted 4 times

dennis 2 years, 11 months ago
Correct
upvoted 7 times

Question #7 *Topic 3*

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

A. 10.0.3.1

B. 10.0.2.2

C. 10.1.0.2

D. 11.0.0

Correct Answer: *B*
The version number are <major>.<minor>.<build>.<revision>.
This is just a bug fix so we only update the revision number.
Note: When we create patches in Dynamics 365, the system will automatically increment the build version (you can overwrite the chosen number when you create the patch). For example, if our solution starts at 1.0.0.0, we export it to become 1.0.0.1. We then create a patch, and the version of the patch is 1.0.1.1. If we export it now, it might become 1.0.1.2. In all cases, the build or version number has been incremented. Patches require the build or version number to increment, but not the major or minor version.
Incorrect:
Not C: This is not a minor update.
Not D: This is not a major update.
Reference:
https://carldesouza.com/how-solution-version-numbers-work-in-the-microsoft-power-platform/ https://docs.microsoft.com/en-us/power-apps/maker/data-platform/update-solutions

Community vote distribution
A (52%) B (48%)

smusau Highly Voted 3 years, 1 month ago
The answer is correct- 10.0.3.1. NB://D365 automatically increments the Build version(Major.Minor.Build.Release) when we patch a solution.
upvoted 38 times

CDDT 2 years, 11 months ago
https://carldesouza.com/how-patching-of-solutions-works-in-the-power-platform/
upvoted 3 times

eralp Highly Voted 3 years, 1 month ago
Answer should 1.0.2.2.
upvoted 10 times

rodrrr 3 years, 1 month ago
Wrong. Read the documentation, its 10.0.3.1.
upvoted 19 times

At09 Most Recent 4 months, 4 weeks ago
I would go with Build version so its 10.0.3.1
upvoted 1 times

HiJaak 5 months, 1 week ago
Did someone really try what is described here?: https://carldesouza.com/how-solution-version-numbers-work-in-the-microsoft-power-platform/

Because "Cloning a Patch" will let you modify only <build>.<revision> while "Cloning a Solution" will let you modify only <major>.<minor> while defaulting to 0 the <build>.<revision>.
So the question states "You need to publish an updated version of the solution." meaning you have to "Clone a Solution", so having the initial version "10.0.2.1" it would result in "10.1.0.0" which is not in the answer list and "C - 10.1.0.2" is NOT a valid answer.
So it could be "D - 11.0.0" but is missing a last ".0"... so in this case no asnwer is valid?
upvoted 2 times

Burhanshah 5 months, 1 week ago
B is the correct answer. Build number will be changed when we patch, and we will patch if we add or remove entities or their metadata. Fixing a bug will is not changing the structure of solution, hence only revision number will increment.
upvoted 1 times

omar1988 5 months, 3 weeks ago

Selected Answer: A

its A we are talking a bout version

upvoted 2 times

Exe_User1 5 months, 4 weeks ago

I think B is the right answer because you cannot skip versions. Here we skip version 10.0.3.0. (only 10.0.3.1. is offered)

upvoted 2 times

MikeAWS 5 months, 3 weeks ago

yeah makes sense! If we are about to change the <build> number, then the answer should be 10.0.3.0, NOT 10.0.3.1!!

upvoted 1 times

NyarukouSAMA 5 months ago

patch operation increase only build number, but it's not touching revision number. So it will be 10.0.3.1

upvoted 1 times

jkaur 6 months, 1 week ago

Should be A

The version number of solution is <major>.<minor>.<build>.<revision>.

- When exporting solution, revision number is incremented automatically.
- When creating a patch, build version is incremented automatically.
- When cloning solution, minor version is incremented automatically.

upvoted 1 times

omar1988 6 months, 2 weeks ago

Selected Answer: A

A it is its a minor change

upvoted 1 times

MuralikumarCh 7 months, 1 week ago

The version identifier you should use is:

B. 10.0.2.2

In version numbers, each segment represents a specific level of update:

The first segment represents the major version.
The second segment represents the minor version.
The third segment represents the build version.
The fourth segment represents the revision version.
When you fix a bug in the code of your application, you typically increment the revision version (the fourth segment) by 1. The major and minor versions remain unchanged.

Since the current version is 10.0.2.1, the updated version with the bug fix would be 10.0.2.2.

upvoted 1 times

deuel10080 11 months, 3 weeks ago

Selected Answer: B

According ot Microsoft, the format for version numbers is major.minor.build.revision
https://learn.microsoft.com/en-us/power-apps/maker/data-platform/update-solutions#understanding-version-numbers-for-updates
Therefore, B would be the correct answer.

upvoted 2 times

HURRYUPGO 1 year ago

There is no patch created, just export a new version. So, the answer should be 1.0.2.2.
Below post has explained well.
https://www.hellosmart.ca/2023/02/tips-dynamics-365-power-apps-power.html

upvoted 5 times

Moradmoro 1 year ago

Selected Answer: A

10.0.3.1.

upvoted 2 times

DimpleG 1 year, 1 month ago

Selected Answer: B

The version identifier for an updated solution in Dynamics 365 typically follows the format of Major.Minor.Build.Revision.

Since you are fixing a bug in the code and publishing an updated version, you should increment the Revision number. So the updated version should be 10.0.2.2.

upvoted 2 times

DimpleG 1 year ago

My apologies, for my earlier comment. In Power Platform, it is common to increment the third digit to indicate patches and bug fixes. In this case, the appropriate version identifier would be 10.0.3.1

upvoted 1 times

No_Doubt 1 year, 3 months ago

Selected Answer: B

REVISION is usually a fix for a previous minor release (no new functionality)
so IMO, B is the right answer

upvoted 1 times

juan54 1 year, 4 months ago

Selected Answer: A

if it's an update I think it's this tird digit to increase

upvoted 2 times

juan54 1 year, 4 months ago

Selected Answer: B

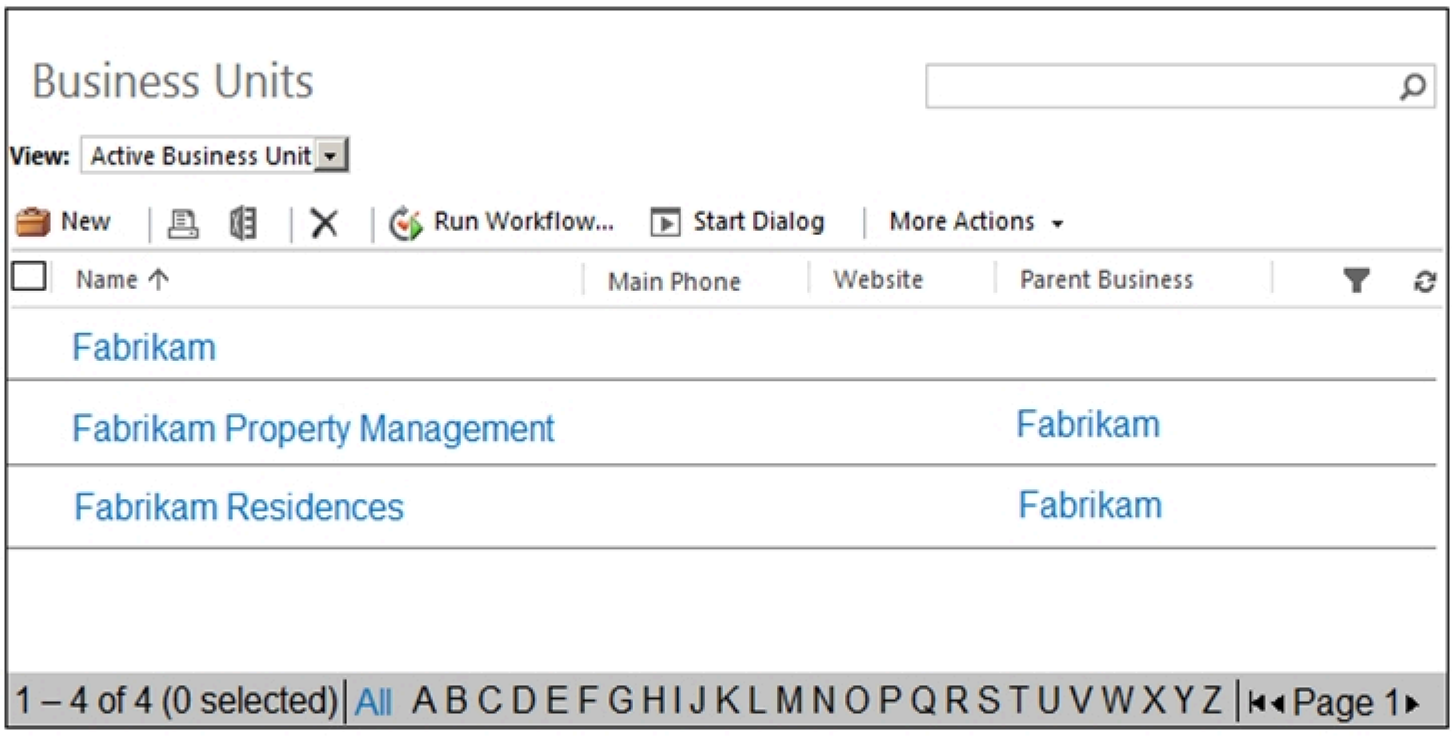
This is just a bug fix so we only update the revision number.

upvoted 1 times

Question #8 *Topic 3*

HOTSPOT -

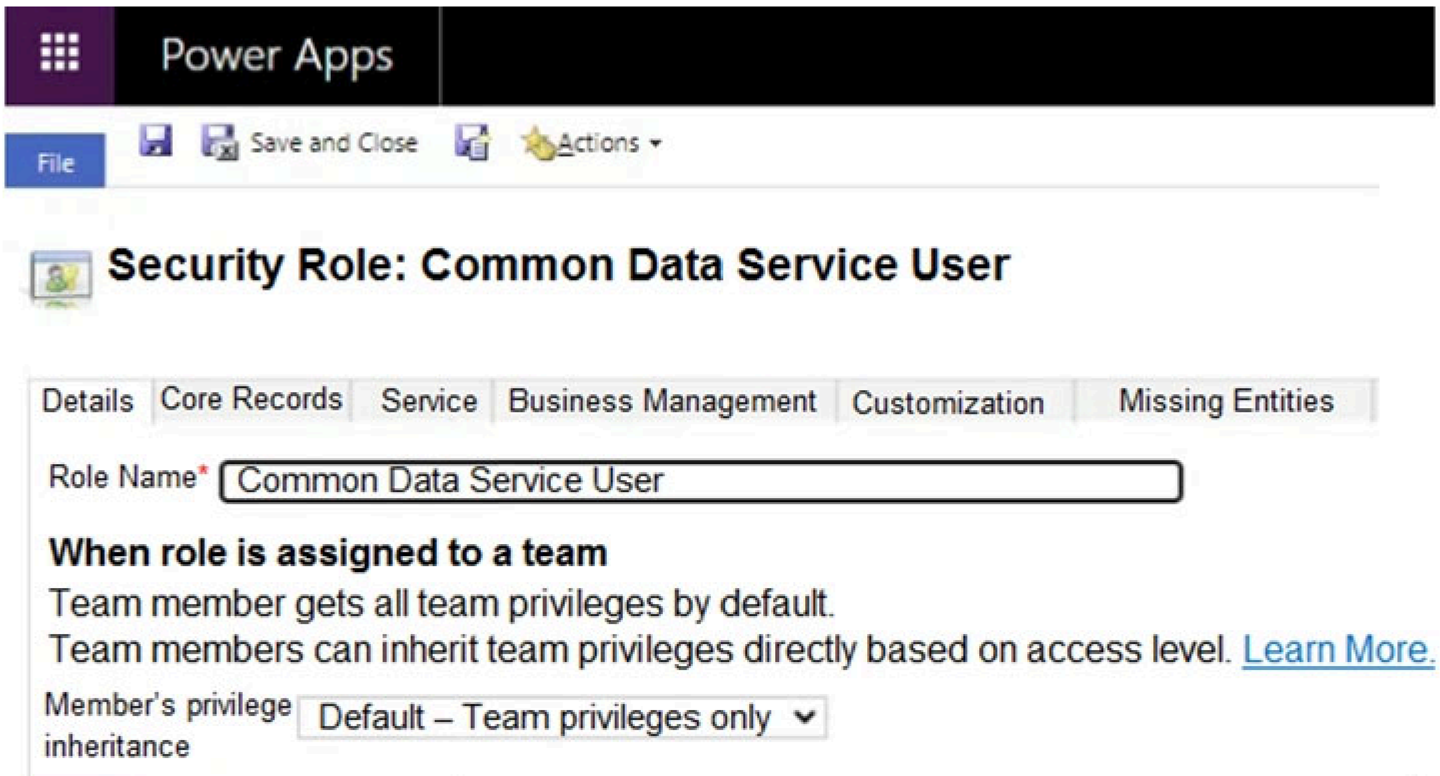
Fabrikam, Inc, has two divisions as shown in the Business Unit exhibit. (Click the Business Unit tab.)

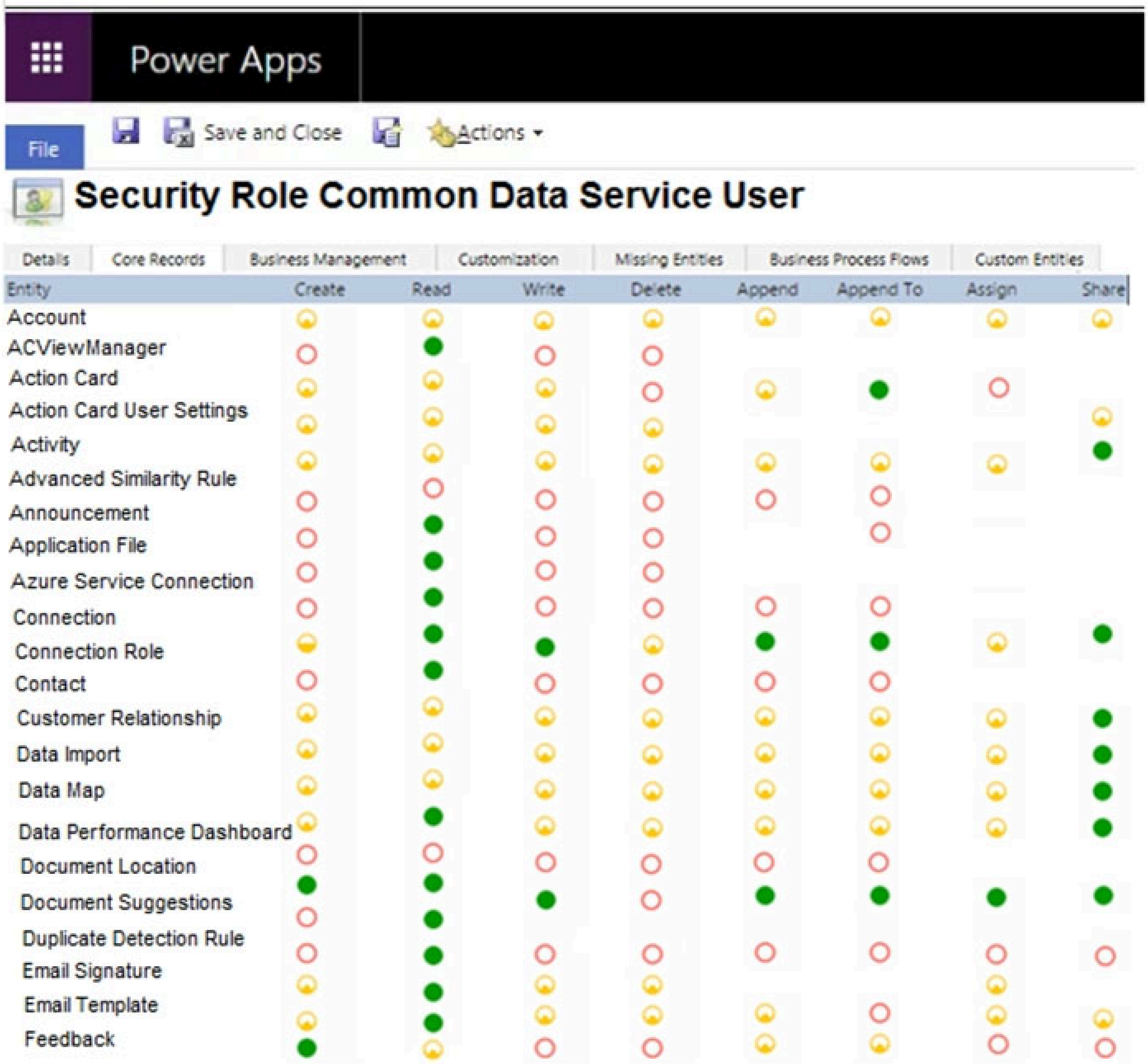


- Fabrikam Residences rents units short term to clients.
- Fabrikam Property Management deals with the maintenance of the units and manages the contractors who perform the maintenance.
- Clients and contractors are both stored in the Contact entity.

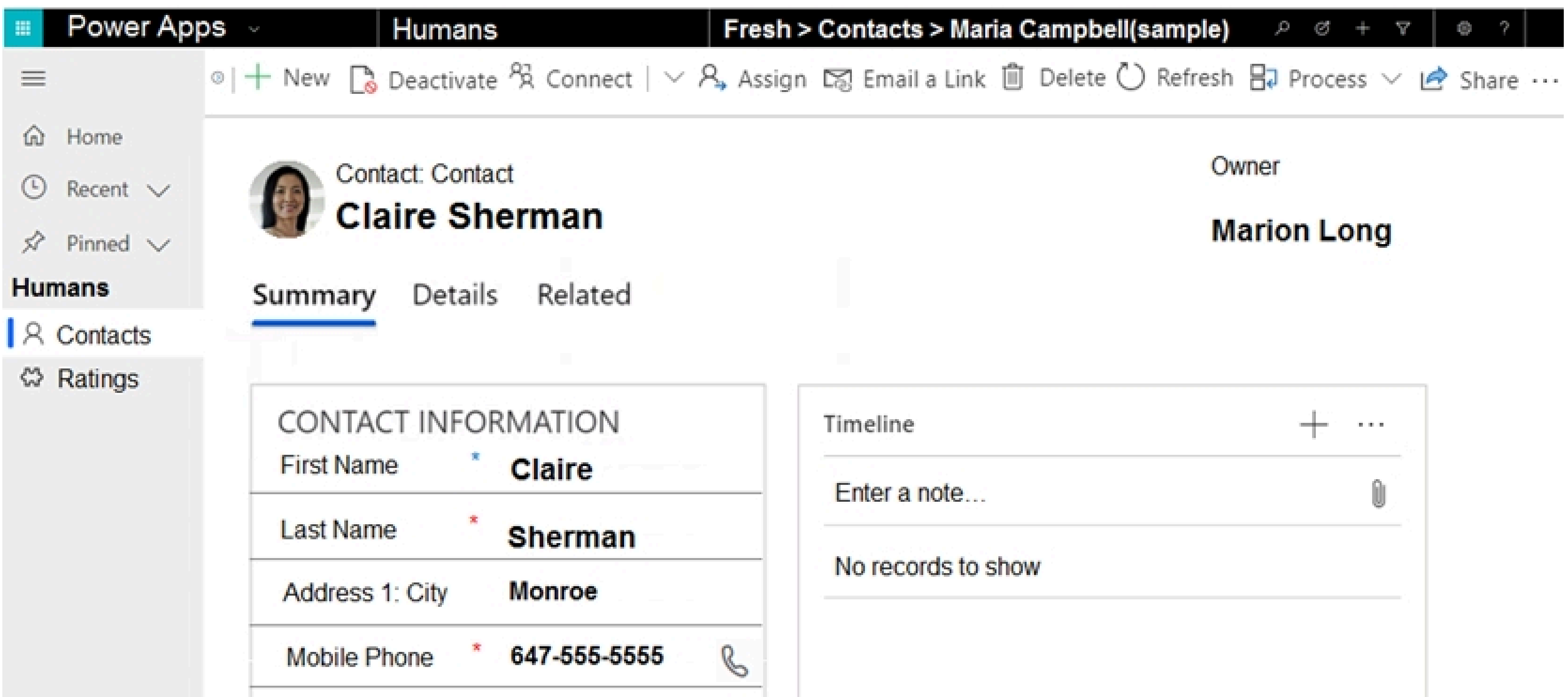
The manager of the Property Management business unit is a member of the Fabrikam Residences business unit, which has the root security role as shown in the

Security Role exhibit. (Click the Security Role tab.)





The manager cannot see the contact record shown in the Contact exhibit. (Click the Contact tab.)



You need to ensure that the manager can view contact records owned by someone in the Residences business unit.

For each of the following statements, select Yes if the statement achieves the goal. Otherwise, select No.

Hot Area:

Answer Area

Statement	Yes	No
Modify the security inheritance.	○	○
Move the manager to the root Fabrikam business unit.	○	○
Expand the Read permission of the security role to be Business Unit level.	○	○

Correct Answer:

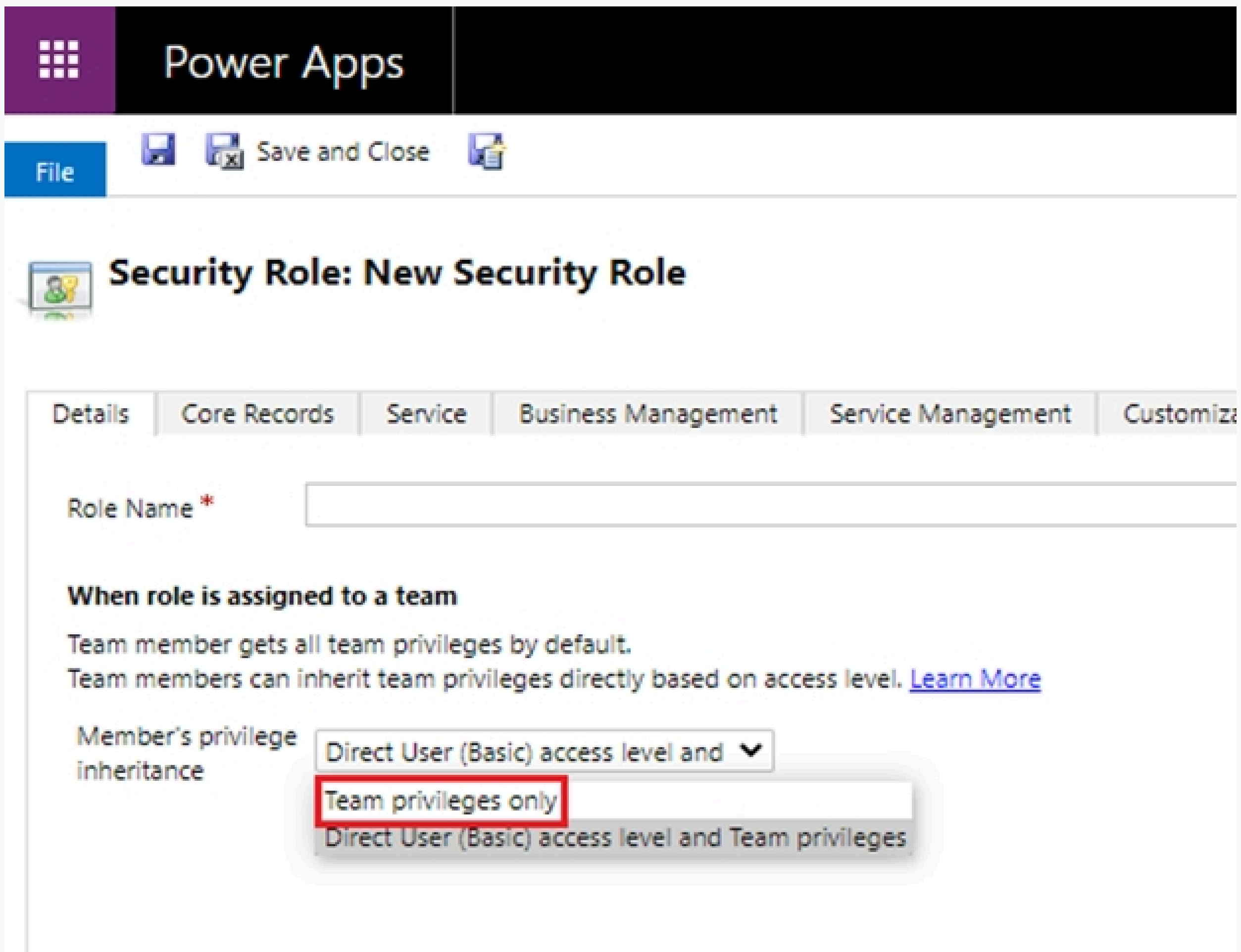
Answer Area

Statement	Yes	No
Modify the security inheritance.	●	○
Move the manager to the root Fabrikam business unit.	○	●
Expand the Read permission of the security role to be Business Unit level.	●	○

Box 1: Yes -

Change it to Direct User/Basic access level and Team privileges. This creates a security role with team member's privilege inheritance.

Note: For roles assigned to teams with Basic-level access user privilege, the role's inheritance configuration also comes into play. If the team has the Member's privilege inheritance set to Team privileges only, then the user will only be able make use of that privilege for records owned by the team.



Box 2: No -

The manager of the Property Management business unit is already a member of a Fabrikam business unit, which has the root security role

Box 3: Yes -

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/security-roles-privileges

TestingCRM Highly Voted 2 years, 10 months ago

This question is probably badly articulated. That said, my answer would be:
- No: security inheritance would only give the Manager basic read access, so that it wouldn't be able to see the records in the child Residences business unit.
- No: the Common Data Service User security role only privides the Manager with basic read access, so that it wouldn't be able to see the records in the child Residences business unit.
- No: I understand the manager is in the root business unit based on this statement: "The manager of the Property Management business unit is a member of a Fabrikam business unit", so that 'Deep' or 'Parent: Child Business Units' would be required to access child business unit records

upvoted 31 times

paulojorge Highly Voted 3 years ago

Third is No because Manager is not on Child BU as Record. To be true it must be BU and Child BU.

upvoted 15 times

FDC 2 years, 11 months ago

I agree the Third is No only with BU and Child BU can see these contacts

upvoted 2 times

At09 Most Recent 4 months, 4 weeks ago

Answer
YNN

upvoted 1 times

jkaur 6 months, 2 weeks ago

No, No, No

upvoted 1 times

ClairFraser 1 year, 9 months ago

Agree with last one - for these options it is No, No, No

upvoted 1 times

fayeje1956 1 year, 11 months ago

I had this question on my exam and there is a mistake in the dump's text. It should be "The manager of the Property Management business unit is a member of a Fabrikam RESIDENCES business unit". My answers here were YNN.

upvoted 10 times

Anastasii 2 years, 3 months ago

Role gives organization level access on Read privilege to Contact entity. Therefore, manager has access to all Contact records. Question already contains a mistake therefore attempts to recognize right answers have no sense.

upvoted 5 times

fihemal249 2 years, 2 months ago

If you count the balls, the Role only has User level access.

upvoted 6 times

Odidepse 2 years, 9 months ago

I dont get why the manager cannot see the contact record where the screenshot clearly defined the permission as organizational (green) for the read which should give him/her access to the contact record irrespective of BU.

upvoted 7 times

Odidepse 2 years, 9 months ago

Ok got it

upvoted 1 times

pragati_dubey 2 years, 7 months ago

I've same question as yours.

upvoted 2 times

kT185 1 year, 11 months ago

Ok now I got it. The dots for the read permission are misaligned on the provided screenshot. Contact is the 12th line and the 12th dot is set to user level.

upvoted 4 times

Pavi20210211 2 years, 9 months ago

The Correct answer : Yes, No , No

upvoted 8 times

val_maly 2 years, 10 months ago

Because he is an MANAGER for Property Management business user does that mean that we also need to take in account the Manager Hierarchy.

What would be the answers in this case?

upvoted 1 times

saadnadir 2 years, 11 months ago

- NO, no mention of any team assignment in the question
- NO, Even moving to the highest level of BU, the read privlieges is still in the basic level User
- Yes : Raise the read privilege to Business Unit level solve the issue

upvoted 6 times

Yvesk 2 years, 8 months ago

No, you need to raise one level higher, to "Parent: Child Business Units", since the manager has rights in the root business unit, not in the Fabricam business unit

upvoted 4 times

Dynamics_Exam 5 months, 1 week ago

But the manager is part of the residence business unit: "The manager of the Property Management business unit is a member of a Fabrikam RESIDENCES business unit".
To make sure, he can view the contacts of this business unit, it is enough to raise his rights to business unit level.

upvoted 1 times

michael_w999 3 years ago

Answer to third statement should be No. Current read access level is global,so changing to BU level cannot resolve the issue.

upvoted 5 times

subhamr77 3 years ago

Wrong. Count from the top. The alignment is not correct in the picture. So, answer to third statement should be Yes.

upvoted 10 times

hooper22 2 years, 3 months ago

should be no. take note that the manager is under the parent bu, thus bu level privilege won't be enough.

upvoted 2 times

Yvesk 2 years, 8 months ago

No, because "Business Unit" is not enough, you'd require "Parent: Child Business Units".

upvoted 6 times

azerazerazerazrezqaer 3 years ago

The dots for the read permission are misaligned
Contact is the 12th line and the 12th dot is set to user lever
The 3rd answer is yes

upvoted 17 times

Question #9 *Topic 3*

HOTSPOT -

A company has a development environment and a production environment. The production environment has several third-party managed and unmanaged solutions that made changes to the Contact main form.

You create a new solution in the development environment. You add the Contact entity and the Contact main form to the solution. You create a custom field on the

Contact entity.

What happens when you perform these actions in the new solution and import the solution as managed into the production environment?

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Box 1: The field is appended to the end of the existing section.

When you add new elements to a form that is to be merged, we recommend that you include your new elements within new container elements (tabs or sections).

Additions to any container will be appended to the end of the container. For example, fields added to a section will be positioned at the end of the section.

Reference:

https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/gg309329(v=crm.8)

At09 4 months, 4 weeks ago

correct

upvoted 1 times

Sudheer93 5 months ago
In exam 09/23/2023
upvoted 2 times

jkaur 6 months, 2 weeks ago
correct
upvoted 1 times

ziggy1117 7 months ago
answers are correct.

for #3, new form was created and the field was added in the middle section of that new form. The Contact Main form is not used in #3
upvoted 1 times

Adi2910 1 year, 2 months ago
The answer is correct..
For the 3rd Point it says "Create a new form (i.e. not the main form) and add the field to the middle of an existing section" - In the new form there will be a default section (General) with name and owner field pre-existing. The 3rd action is to add the field to the middle of the existing section (i.e. between Name and Owner). Hence the answer is "The field is inserted in the middle of existing section.
upvoted 2 times

northstar88 1 year, 5 months ago
The third condition is unclear.
Create a new form then add the field into the middle of EXISTING section. Does this mean the field is added into another existing form? If yes, which form?
Assuming it's the Contact's main form, then the answer should be appended to the end of the section.
If it's the existing section of another existing form, I think it will be appended to the middle of that section since only main form is unmanaged.
If it's the section of the new form, then it will be appended in the middle of the section.
upvoted 1 times

Ariecaspi 1 year, 4 months ago
See here some answers to that question
https://www.examtopics.com/discussions/microsoft/view/46633-exam-pl-400-topic-3-question-8-discussion/
upvoted 4 times

Flatternschuchtern 1 year, 5 months ago
I mean there's always General section in a new form by default. I guess middle of it would be right between the Name and Owner fields lol
upvoted 1 times

Question #10 *Topic 3*

An organization uses Dynamics 365 Sales. 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 first?

A. Enable field security for the balance field and grant the customer service team read and update permissions.

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

C. Enable field security for the balance field and grant the accounting team read and update permissions.

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

Correct Answer: *C*
In Dynamics 365 Customer Engagement (on-premises), you use field-level security to restrict access to high business impact fields to specific users and teams.
For example, you use this to enable only certain users to read or update the credit score for a customer.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/security-dev/use-field-security-control-access-field-values

Community vote distribution
C (100%)

rober13 Highly Voted 1 year, 2 months ago
Selected Answer: C
C is correct.
upvoted 5 times

At09 Most Recent 4 months, 4 weeks ago
Correct ans C
upvoted 1 times

Burhanshah 5 months, 1 week ago
But C is customization. We created a Field Level Security. B looks a better option
upvoted 1 times

jkaur 6 months, 2 weeks ago
C should be.
upvoted 1 times

SAIVEENA 1 year, 4 months ago
I think Option B is correct because in the question they had said that "You must restrict users in customer service from being able to change the value of the balance field on the Contact records".According to this statement customer service had only read-only permission, and the remaining people who access will have read and update permissions.
upvoted 2 times

rode123 1 year, 5 months ago
Selected Answer: C
C正しいと思います
upvoted 2 times

C2StudyClub 1 year, 5 months ago
I assume the customer service team need to be able to read the field, so answer C would be incorrect.
B seems like it might be the answer but it doesn't mention retricting form access by role.
upvoted 1 times

C2StudyClub 1 year, 5 months ago
I guess as a partial answer where only a single Team can edit the value, C is the most correct
upvoted 1 times

Question #11 *Topic 3*

HOTSPOT -

You are developing a model-driven app for the purchasing department of an organization. You provision a new test environment and a security role. You select users to test the apps and assign the users to a security group named TestSG.

If the tests succeed, a manager will perform additional testing in the production environment and then publish the app for the organization's purchasing department.

You need to ensure that the test and production environments are configured correctly.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Scenario	Security artifact
Ensure that only test users can access the test environment.	Set the test environment security group to TestSG. Assign the test users the app security role. Set the test environment security group to TestSG and assign test users the app security role.
Ensure that only the manager can access the app in production.	Set the production environment security group to TestSG. Assign the manager the app security role. Add the manager to the TestSG security group and grant the manager the app security role.
Ensure that test users can access the app in production.	Set the production environment security group to TestSG. Assign the test users the app security role. Set the production environment security group to TestSG and assign test users the app security role.
Ensure that purchasing department users can access the test environment.	Remove the security group TestSG associated with the test environment. Assign all users the app security role. Add all users in the department to the TestSG security group.

Correct Answer:

Answer Area

Scenario	Security artifact
Ensure that only test users can access the test environment.	Set the test environment security group to TestSG. Assign the test users the app security role. **Set the test environment security group to TestSG and assign test users the app security role.**
Ensure that only the manager can access the app in production.	Set the production environment security group to TestSG. **Assign the manager the app security role.** Add the manager to the TestSG security group and grant the manager the app security role.
Ensure that test users can access the app in production.	**Set the production environment security group to TestSG.** Assign the test users the app security role. Set the production environment security group to TestSG and assign test users the app security role.
Ensure that purchasing department users can access the test environment.	Remove the security group TestSG associated with the test environment. Assign all users the app security role. **Add all users in the department to the TestSG security group.**

Box 1: Set the test environment security group to TestSG and assign test users the app security role.

PowerApps apps use role-based security for sharing. The fundamental concept in role-based security is that a security role contains privileges that define a set of actions that can be performed within the app. All app users must be assigned to one or more predefined or custom roles.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/share-model-driven-app

constantinm Highly Voted 2 years, 10 months ago

Set the test env security group TestSG (only test users can access the env, not the app)
Assign the manager the app security role (only manager)
Assign the test users the app security role (not only test users should have access)
Add all users in the department to TestSG security group (can access the env but not the app)

upvoted 57 times

marimar 1 month, 2 weeks ago

Users can enter the default environment, but if it is not the default environment, they will not be able to do anything until they have some role assigned or are granted permission in some application (besides belonging to the security group), so being test users, I think the correct option would be D as they have to be able to run the application to test it, so the correct answer is Set the test environment security group to TestSG and assign test users the app security role

upvoted 1 times

d365crm 2 years, 8 months ago

4. Says to Access the environment not the app so it correct

upvoted 1 times

kT185 1 year, 11 months ago

100% agree.

upvoted 1 times

dfretyhg 1 year, 8 months ago

Got the same thing. The first one isn't asking you to grant access to the app so just doing the security group is most accuratehttps://www.examtopics.com/exams/microsoft/pl-400/view/12/#

upvoted 2 times

cleon37 Highly Voted 3 years, 1 month ago

It is assumed that test users in production already have access to the production environment. There would be no need to assign a security group to the environment, so box 3 should be: Assing the test users the app security role.

upvoted 22 times

Yuro 2 years, 11 months ago

3d is app security

upvoted 2 times

Sudheer93 Most Recent 5 months ago

In exam - 9/23/2023

upvoted 2 times

Sudheer93 5 months ago

In exam 09/23/2023

upvoted 1 times

jkaur 6 months, 2 weeks ago

1,2,2,3

upvoted 1 times

shivdix 1 year, 1 month ago

1,2,2,3

upvoted 1 times

ClairFraser 1 year, 9 months ago

C - app security role repeats later as necessary
B - we don't use a group on the production, so just security roles
B - we did not use a group on the production - and starting now will remove the manager from that environment
C - As long as they also need to test, they should be in that group, but they'll also need a role

upvoted 2 times

ajithnair 2 years, 6 months ago

1- Accessing environment does not require a role.
2 - Accessing a App requires role. Security group is optional. (based on scenario)
3 -Accessing a App requires role. (based on scenario)
3- Accessing environment does not require a role.

Answer for ques 4 provides answer for question 1.

upvoted 3 times

Leila24 2 years, 8 months ago

The answer for #4 marks "Add all users from the department to Test SG security group" as correct.
But question does not state that the group is associate with test environment.
In the same time, removing security group from the environment initiates immediate sync of users from AD with PowerApps license into crm instance.
The first option does say that Test Sg is assigned to test environment. Hens, removing the group gives all users access to the environment, including purchasing department.
I vote for first option in question four.

upvoted 1 times

ZVV 2 years, 10 months ago

Why we need all security role in 1st?

upvoted 1 times

> **ZVV** 2 years, 10 months ago
>
> *app security role*
>
> upvoted 1 times

FDC 2 years, 11 months ago

I agree the box 3 should be : Assign test users the app security role

upvoted 2 times

paulojorge 3 years ago

Option 3 is worng. We can only have one security group by environment; Correct is "Assign the test users the app security role."

upvoted 4 times

michael_w999 3 years ago

box 3 should be : Set the production environment security group to TestSG and assign test users the app security role. Because the requirement is "ensure", we dont know the current value of production environment security group,this option will ensure we achive the requirement.

upvoted 10 times

Question #12 Topic 3

A travel company plans to track the address of places their clients visit in an entity named Destination. Client information is captured as contact records. Client records include links to the places that clients visit.
The company must be able to link multiple rating records to the new address record.
You find a custom Rating entity that is incomplete.
You need to expand the Rating entity to include contact, address, and rating information in one place.
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 1:N relationship between the Contact system entity and the Address system entity named Destination.

B. Create a mapping for the Contact ג€" Rating relationship.

C. Create a 1:N relationship between the Address system entity and the Rating entity.

D. Create a 1:N relationship between the Contact system entity and the Rating entity.

E. Create a mapping for the Destination ג€" Rating relationship.

F. Create a 1:N relationship between the Destination entity and the Rating entity.

Correct Answer: *ABC*
A: Each Contact can visit a destination many times.
Note: A travel company plans to track the address of places their clients visit in an entity named Destination. Client information is captured as contact records.
Client records include links to the places that clients visit.
C (not D): The company must be able to link multiple rating records to the new address record.
Each address entity can be linked to many rating records.
B (not E): You need to expand the Rating entity to include contact, address, and rating information in one place.
Need a mapping between for the Contact and Rating entities (through the Address/Destination entity).
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/map-entity-fields

Community vote distribution
DEF (71%) 14% 14%

paulojorge Highly Voted 3 years ago
DEF is the correct answer.
upvoted 34 times

ClairFraser 1 year, 9 months ago
Address system entity - not relevant here - so A and C are out.
Mapping between Contact and Rating won't copy anything so B is out.
It says the Rating entity is incomplete - let's focus on that.
We are left with:

D - Contact to Rating
E - mapping for Destination Rating. With this mapping we can copy the contact.
F - Destination to Rating
upvoted 4 times

RahulKate 3 years ago
Why require mapping between contact and rating?
upvoted 2 times

paulojorge 2 years, 12 months ago
Because rating will work as N:N between contact and destination. I said E vs B because: "The company must be able to link multiple rating records to the new address record." and on Destination relation map we can map contact field.
upvoted 3 times

Dean0918 2 years, 11 months ago
I agree with DEF
A: has been done already before because one contact alreay has several links to the Destination.
This task is to link rating records to the new address record:
so F is correct.
E: after you create F, you can get contact info through destinatin, so no need to map contact and rating,

you only need to map Destination and Rating.
D: but rating has to be done by contact, you need create a relationship between rating and contact
upvoted 4 times

Shrimp Highly Voted 3 years, 1 month ago
Answer is correct. The requirements can be broken down per requirement.

1. Client records include links to the places that clients visit.
-A. Create a 1:N relationship between the Contact system entity and the Address system entity named Destination.

2. The company must be able to link multiple rating records to the new address record.
-C. Create a 1:N relationship between the Address system entity and the Rating entity.

3. You need to expand the Rating entity to include contact, address, and rating information in one place.
-E. Create a mapping for the Destination "" Rating relationship.
upvoted 8 times

piboke 2 years, 3 months ago
This is wrong. You cannot create any relationship to the system entity Address (CustomerAddress), so A and C are wrong. Furthermore, task description says that we are using a custom entity Destination for that very reason.
upvoted 4 times

ppguru 2 years, 1 month ago
"You cannot create any relationship to the system entity Address" Why not?
upvoted 1 times

Anastasii 2 years, 3 months ago
Absolutely
upvoted 1 times

At09 Most Recent 4 months, 4 weeks ago
Answer DEF
upvoted 1 times

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 3 times

jkaur 6 months, 2 weeks ago
DEF should be
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: ADF
A. Create a 1:N relationship between the Contact system entity and the Destination entity.
D. Create a 1:N relationship between the Contact system entity and the Rating entity.
F. Create a 1:N relationship between the Destination entity and the Rating entity.
upvoted 1 times

PGG 1 year, 3 months ago
Selected Answer: ABC
I think answer is right. To meet the requirement with those but if you choose:
D. -> If this is your answer means you will probably choose DEF in which case you will end up with more relations than needed and is wrong because you are not meeting the requirement of "One contact can have many Destination" you are just mapping ratings.
E. -> Wrong for previous reasons, you are mapping information, not creating new Destinations records for each Contact
F. -> Wrong for same reasons as before stated. Also to seek Destination you will have a bad performance as you first need to map Rating from contact, ("EDF") and then seek the Destination record related to Rating.
upvoted 1 times

TSPL400 1 year, 5 months ago
Selected Answer: DEF
answer: DEF
upvoted 2 times

Muzera 1 year, 7 months ago
Selected Answer: DEF
DEF of course
upvoted 3 times

Violoncello 1 year, 8 months ago
Please explain: D. Create a 1:N relationship between the Contact system entity and the Rating entity.

Here's the statement again:
A travel company plans to track the address of places their clients visit in an entity named Destination.
Client information is captured as contact records.
Client records include links to the places that clients visit.

The company must be able to link multiple rating records to the new address record.
You find a custom Rating entity that is incomplete.

Why I have a problem: No part of that statement produces an idea that there should be a relationship between Contact and Rating.

There is a popular idea: "but rating has to be done by contact": yet I don't read that at all.

Please help!
upvoted 1 times

MiguelNepomuceno 2 years ago
E is correct. Key thing to note is that the address is stored in the Destination... but question states that this address must be included in the Rating entity.

I dont think it is B because it just wants the Contact in the rating entity... not any of the Contact fields that you would usually map to another entity.
upvoted 1 times

Shaishil 2 years, 4 months ago
I have tried to implement this to verify. There is no way you can create any relationship with system address entity and hence ACE is not correct answer.
The only correct option is DEF
upvoted 5 times

ajithnair 2 years, 6 months ago
DEF

https://powerobjects.com/tips-and-tricks/using-builtin-address-versus-custom-address-entity/
upvoted 1 times

Yvesk 2 years, 7 months ago
Actually, I think there are two correct answers:
- Answer 1: DEF
- Answer 2: BDF

Rational:
- Both B & D are correct/equal, but D is better/more specific
- Both E & F are correct/equal, but F is better/more specific

So my logic is:
- Choose D & F (the two best choices)
- And then choose B or E (which doesn't really add any value, but it doesn't harm)
upvoted 2 times

Leila24 2 years, 9 months ago
It sounds like nonsense for first time but actually a right scenario. Any custom many to many will not allowed to copy by mapping from parent to Rating - only one parent in a time. ACE gives u cascading create 1:N(1:N). The only flow here is A. The connection to Address already there. They need to add mapping of contact info to Address(Destination) and farther down the Rating.
upvoted 1 times

CDDT 2 years, 11 months ago
A & C are wrong because I can't create custom relationships N:1 or 1:N with the system OOB Address (Moreover the relationship 1 Contact : N system Addresses already exists as OOB Dataverse native relation).So I assume that the 1 Contact : N Destinations already exists.
F: I create 1 Destination : N Rating because users should set one opinion on their travel destination, not set opinion on contact!
E: They want have the address also inside Rating form. The mapping Destination - Rating help us. Now remains one focal requirement: include contact inside Rating Form...how can I do? I need at least of the first name and lastname of the correct contact. At this point B can't solve the requirement so is Wrong.
D: Best fit is add a contact lookup inside form that reference the original Contact also provided in Address form (this lookup will be filled by mapping from the origin Contact lookup inside Address form). To achieve the lookup I need a "dummy" 1 Contact : N Ratings relationships
Now, the B could be a good chance but according with the instructions only the 3 F-E-D get points!
upvoted 2 times

FDC 2 years, 11 months ago
I don't have understand if the Address system entity named Destination is a custom entity or the standard entity Address otherwise in the second case it is possible only the following answer: B, D, E
upvoted 2 times

Question #13 *Topic 3*

HOTSPOT -

A company uses Dynamics 365 Sales and the Microsoft Online Services portal.

The multi-select OptionSet field data type is not supported in the portal.

You need to copy the selected field value to the text field.

How should you configure the Organization service request? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
Entity entity = (Entity)context.InputParameters["Target"];
var attributeRequest = new RetrieveAttributeRequest
{
     EntityLogicalName = "entityname",
     LogicalName = "fieldname",

               RetrieveAsIfPublished = [ ▼ ]
          };

          var attributeResponse = (RetrieveAttributeResponse)
 service.Execute(attributeRequest);
          var attributeMetadata =
 (EnumAttributeMetadata)attributeResponse.[ ▼ ]
```

Dropdown 1 options: true / false

Dropdown 2 options: AttributeMetadata / AttributeResponse / OptionMetadataCollection / MultiSelectPicklistAttributeMetadata

Correct Answer:

Answer Area

```
Entity entity = (Entity)context.InputParameters["Target"];
var attributeRequest = new RetrieveAttributeRequest
{
     EntityLogicalName = "entityname",
     LogicalName = "fieldname",

               RetrieveAsIfPublished = [ ▼ ]
          };

          var attributeResponse = (RetrieveAttributeResponse)
 service.Execute(attributeRequest);
          var attributeMetadata =
 (EnumAttributeMetadata)attributeResponse.[ ▼ ]
```

Dropdown 1 options: true (selected) / false

Dropdown 2 options: AttributeMetadata (selected) / AttributeResponse / OptionMetadataCollection / MultiSelectPicklistAttributeMetadata

Box 1: Yes -

If you are creating an attribute editor you will need to retrieve entity data that has been saved but not published. For other scenarios you will want to only retrieve published metadata.

- Set this value to true to include unpublished changes, as it would look if you called publish.
- Set this value to false to include only the currently published changes, ignoring the changes that haven't yet been published.

Box 2: AttributeMetadata -

AttributeMetadata class is returned in the RetrieveAttributeResponse.

Reference:

https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributerequest.retrieveasifpublished?view=dynamics-general-ce-9 https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.metadata.attributemetadata?view=dynamics-general-ce-9

michael_w999 Highly Voted 3 years ago

The first box should be "false" · because we only want published version
upvoted 19 times

datchattdude 2 years, 8 months ago
I think that's why the parameter says "RetrieveAsIfPublished," with AsIf being the important part of that.
upvoted 1 times

vgrade 2 years, 5 months ago
https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributerequest.retrieveasifpublished?view=dynamics-general-ce-9
https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributerequest.retrieveasifpublished?view=dynamics-general-ce-9
As per docs If you are creating an attribute editor you will need to retrieve entity data that has been saved but not published. For other scenarios you will want to only retrieve published metadata.

Set this value to true to include unpublished changes, as it would look if you called publish.

Set this value to false to include only the currently published changes, ignoring the changes that haven't yet been published.
upvoted 2 times

Yuro 2 years, 11 months ago
description is not correct. true to have unpublished version. answer is correct
upvoted 2 times

Shrimp Highly Voted 3 years, 1 month ago
correct
upvoted 9 times

jkaur Most Recent 6 months, 2 weeks ago
false
attribute metadata
upvoted 1 times

Samdoi 7 months, 1 week ago
First is "False"
https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributerequest.retrieveasifpublished?view=dataverse-sdk-latest
upvoted 1 times

No_Doubt 1 year, 3 months ago
true if the metadata that has not been published should be retrieved; otherwise, false.
In our case, we definitely need to retrieve published metadata, so answer is "FALSE"

Don't forget that we are using this data in a portal, and it doesn't make sense to rely on a nonpublished data! This is against the data integrity concept!
upvoted 3 times

MarioM 1 year, 5 months ago
false; attribute metadata
upvoted 1 times

fihemal249 2 years, 2 months ago
Second answer is correct (only option possible) according to: https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributeresponse?view=dynamics-general-ce-9
upvoted 1 times

fihemal249 2 years, 2 months ago
I understand you need to copy a field selection to a text field on a form. So the selection is not published yet. So you need to set the parameter to true.
upvoted 2 times

vgrade 2 years, 5 months ago
1st one should be false, below is what docs says.
Set this value to true to include unpublished changes, as it would look if you called publish.

Set this value to false to include only the currently published changes, ignoring the changes that haven't yet been published.

https://docs.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.messages.retrieveattributerequest.retrieveasifpublished?view=dynamics-general-ce-9
upvoted 2 times

Sou 2 years, 8 months ago
Answer is correct.
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/best-practices/work-with-metadata/retrieve-published-metadata
upvoted 3 times

CDDT 2 years, 11 months ago
The first should be "false": only published data, data integrity and more secure. What happen I retrieve unpublished data on a public Web Page?!

upvoted 2 times

Question #14 *Topic 3*

A bank uses a Common Data Service solution to manage clients.
Bank representatives perform client credit checks while the client is present. Credit checks may take up to five minutes to complete.
Bank policy dictates that the bank representative's app must stay blocked until credit checks are complete.
You need to display a model-driven app while credit checks run to ask the bank representative and client to wait for the credit check to complete.
Which function should you use?

A. Xrm.Navigation.openWebResource("prefix.myPoliteMessage.html")

B. Xrm.Navigation.openAlertDialog(myPoliteMessage)

C. Xrm.Utility.openWebResource("prefix_myPoliteMessage.html")

D. Xrm.Utility.showProgressIndicator(myPoliteMessage)

Correct Answer: *D*
showProgressIndicator displays a progress dialog with the specified message.
Any subsequent call to this method will update the displayed message in the existing progress dialog with the message specified in the latest method call.
The progress dialog blocks the UI until it is closed using the closeProgressIndicator method. So, you must use this method with caution.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-utility/showprogressindicator

Community vote distribution
D (100%)

Yuro Highly Voted 2 years, 11 months ago
d is correct
upvoted 20 times

saliha2448 4 months, 3 weeks ago
why not option b?
upvoted 1 times

sudhakarverma Highly Voted 2 years, 9 months ago
Correct Referenes:https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-utility/showprogressindicator
upvoted 5 times

markjr Most Recent 2 months, 1 week ago
Selected Answer: D
Correct. I just don´t like the way they formulate the question: "You need to display a model-driven app" - can´t they say just, display a progressindicator?
upvoted 2 times

jkaur 6 months, 2 weeks ago
D is correct!
upvoted 1 times

Kepty 1 year, 5 months ago
Selected Answer: D
D is correct
upvoted 2 times

SD29 1 year, 6 months ago
D is correct
upvoted 1 times

Question #15 *Topic 3*

DRAG DROP -

You are creating a model-driven app.

Users need to see only the entities in the app navigation that are relevant to their role and their method of accessing the app.

You need to restrict entities on the sub-areas in the SiteMap.

Which properties should you use? To answer, drag the appropriate properties to the correct requirements. Each property 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:

Answer Area

Properties	Requirement	Property
Client	Ensure that the entity is visible only if the user can create records.	
Offline Availability	Ensure that the entity is not visible if the user is using an on-premises deployment.	
Privileges	Ensure that the entity is visible only if the user is accessing the app with a web browser.	
SKUs		

Correct Answer:

Answer Area

Properties	Requirement	Property
Client	Ensure that the entity is visible only if the user can create records.	Privileges
Offline Availability	Ensure that the entity is not visible if the user is using an on-premises deployment.	SKUs
Privileges	Ensure that the entity is visible only if the user is accessing the app with a web browser.	Client
SKUs		

Box 1: Privileges -

Privileges: This defines whether a subarea is displayed based on privileges available in any security roles that are assigned to the user.

Box 2: SKU -

SKUs: Select the versions of Dynamics 365 that display this subarea.

Box 3: Client -

Client: Select the type of client that displays this subarea.

Incorrect Answers:

Offline Availability: Select this check box to make this subarea available to users when they are offline in Dynamics 365 for Outlook.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-site-map-app

ClairFraser 1 year, 9 months ago

Correct. See here: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/customize-dev/sitemap-schema?view=op-9-1

upvoted 4 times

levoote 1 year, 11 months ago

Correct

upvoted 2 times

MarlyB 2 years, 2 months ago

In exam 17/12

upvoted 4 times

Question #16 *Topic 3*

HOTSPOT -

You are troubleshooting Power Apps solutions.

You need to determine the cause for the identified issues.

What is the root cause for each issue? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Reason
Solution checker does not complete a run for one solution but works for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Correct Answer:

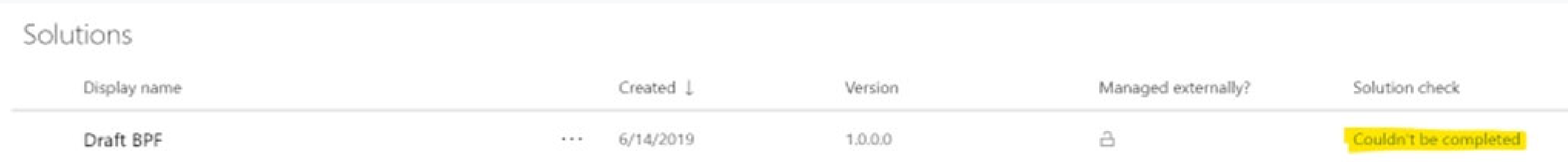
Answer Area

Issue	Reason
Solution checker does not complete a run for one solution but works for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

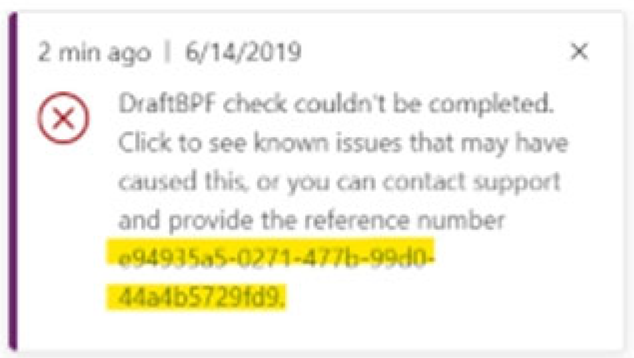
```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Box 1: A canvas app in the first solution has errors.

Failures that occur during background processing of the analysis will fail with 'Couldn't be completed' status and return an error message in the Power Apps portal as well as send email notification to the requestor.



Selecting the portal notification will link to this page of common issues for further troubleshooting. If one of the provided common issues does not resolve the problem, a reference number is also returned. Provide this reference number to Microsoft Support for further investigation.



Box 2: The code uses the following rule: web-use-strict-mode

web-use-strict-mode is able to throw a SyntaxError before the script is executing.

Example:

The reason is JavaScript lets you compare different variable types but this can have unexpected results, so by using the strict === it compares the same type and won't have unexpected results this gets a warning entity.field == "Line1"

Incorrect Answers:
web-avoid-eval: The eval() function evaluates JavaScript code represented as a string. web-avoid-modals: Avoid using modal dialogs. web-remove-debug-script: Avoid including debug script in non-development environments.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-solution-checker

RaviAjugiya Highly Voted 2 years, 12 months ago
Correct answer
upvoted 24 times

Burhanshah Most Recent 5 months, 1 week ago
But you all are sure that canvas app has issues? there is no mention of canvas app in the question. It only says 1/2 solution is not running. Any help is appreciated
upvoted 1 times

> **wooderd** 3 months, 1 week ago
> the answer choices in exam only give the options of "error in a canvas app" or "checker application user is disabled". if the Checker App user is disabled, you would get a different error, and would fail on both apps in the solution, therefore that option is wrong. No, we aren't given info about what types of apps are in the solution, but if the checker only fails to complete on one, then the fault lies in that one app.
> upvoted 1 times

SD29 1 year, 6 months ago
1st
4th
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

krati221994 1 year, 9 months ago
Can anyone confirm on the 2nd one
upvoted 1 times

TheMaty 1 year, 11 months ago
1- A canvas app in the first solution has errors. (correct)
2- The code uses the following rule: web-avoid-eval.
it should be
if (acctnumber === 'abc')
not
if (acctnumber == 'abc')

list of of Solution checker rules:
https://docs.microsoft.com/en-us/powerapps/maker/data-platform/use-powerapps-checker

descriprion of eval () -> https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/eval
upvoted 3 times

> **LorneMalvo** 1 year, 7 months ago
> Bullshit, the answer for question 2 is web-avoid-strict-mode. The eval function is not used anywhere in the code sample, so there is no reason for it to cause error.
> upvoted 5 times

SumitChavan 2 years, 9 months ago
Correct Answer
upvoted 3 times

Question #17 *Topic 3*

You create a Power Apps app that integrates with Dynamics 365 Customer Service.
You update the app and run solution checker on the original solution. You receive an error stating solution checker cannot export the solution.
You need to determine the primary cause for the issue.
What is the primary cause?

A. The original solution is locked because there is a dependent patch.

B. The solution was not exported before running solution checker.

C. The environment is in Administrator mode.

D. Solution checker cannot check default solutions.

Correct Answer: *A*
Solution checker fails to export patched solutions.
If a solution has had a patch applied, Solution Checker will fail to export the solution for analysis. When a solution has had a patch applied, the original solution becomes locked and it can't be changed or exported as long as there are dependent patches that exist in the organization that identify the solution as the parent solution.
To resolve this issue, clone the solution so that all patches related to the solution are rolled into the newly created solution. This unlocks the solution and allows the solution to be exported from the system.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions- with-model-driven-app-components

Community vote distribution
A (100%)

Prakash4691 Highly Voted 3 years ago
For default solution, solution checker option will not be available. option D needs to be ruled out.

option A is the right answer.

reference link : https://docs.microsoft.com/en-us/powerapps/maker/data-platform/common-issues-resolutions-solution-checker #Solution checker fails to export patched solutions.
upvoted 22 times

jkaur Most Recent 6 months, 2 weeks ago
A is correct.
upvoted 1 times

MarioM 1 year, 5 months ago
Selected Answer: A
Patched solutions is the issue
upvoted 2 times

SD29 1 year, 6 months ago
A is the correct answer as original solution refers to base solution
upvoted 1 times

PradipJad 1 year, 6 months ago
Solution checker fails to export patched solutions
If a solution has had a patch applied, solution checker will fail to export the solution for analysis. When a solution has had a patch applied, the original solution becomes locked and it can't be changed or exported as long as there are dependent patches that exist in the organization that identify the solution as the parent solution.

To resolve this issue, clone the solution so that all patches related to the solution are rolled into the newly created solution. This unlocks the solution and allows the solution to be exported from the system
upvoted 1 times

luisdanielse 1 year, 10 months ago
Why not C?
C. The environment is an Administrator mode.

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker#solution-checker-cant-access-environments-in-administration-mode
upvoted 2 times

Net_IT 6 months, 3 weeks ago
The docs say 'Administration' mode the proposed answer says 'Administrator' mode.
upvoted 1 times

btmeera 2 years, 5 months ago
A is correct. But confusing as the question never mentions applying a patch
upvoted 3 times

franekfranek 2 years, 8 months ago
Is original === deafult? that's the qustion here.
upvoted 1 times

FDC 2 years, 11 months ago
A is correct because speak of original solution
upvoted 3 times

paulojorge 3 years ago
D is my correct answer. A is correct too, but is not my first option.
upvoted 2 times

Yuro 2 years, 11 months ago
noone mentions default solution. i think A is the only correct answ
upvoted 3 times

Puneet80 2 years, 11 months ago
First all, D can not be the option, because you do not even get a command to run Solution Checker on default solution like for any other Solution which is not managed by Microsoft. So A is correct.
upvoted 2 times

Puneet80 2 years, 11 months ago
Actually i take back my Answer A, because i think Answer should be B... This is i have experienced before and this blog helped me how to find meaningful issue vs stupid standard error message. https://crmtipoftheday.com/1294/export-solution-before-running-solution-checker/
upvoted 1 times

ZVV 2 years, 10 months ago
Error messages are different
upvoted 1 times

Kollyjose 3 years, 1 month ago
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-solution-checker#solution-checker-fails-to-export-solutions- with-model-driven-app-components
upvoted 1 times

Question #18 *Topic 3*

HOTSPOT -

You are creating a model-driven app to track the time that employees spend on individual projects.

You need to configure the app according to the company's requirements.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Component
Ensure that the values stored in the Project Name field are discoverable in Advanced Find.	Entity View Connector
Display the original estimated duration as estimated start and end dates for the operation during time entry.	Quick View Card Quick Create

Correct Answer:

Answer Area

Requirement	Component
Ensure that the values stored in the Project Name field are discoverable in Advanced Find.	Entity View Connector
Display the original estimated duration as estimated start and end dates for the operation during time entry.	Quick View Card Quick Create

Box 1: View -

Search for rows and create personal views with modern advanced find

When your administrator enables the modern advanced find experience, it lets you search for rows and create personal views in your app.

Box 2: Quick View -

Quick View - Used in model-driven apps, Dynamics 365 for tablets, and Dynamics 365 for Outlook.

For updated tables, these forms appear within the main form to display additional data for a row that is referenced by a lookup column in the form.

Users can view data from related tables without having to leave the form.

Incorrect Answers:

* Quick Create - Used in model-driven apps, Dynamics 365 for tablets, and Dynamics 365 for Outlook.

For updated tables, these forms provide a basic form optimized for creating new records.

* Card - Used in views for model-driven apps. Card forms are designed to present information in a compact format that is suitable for mobile devices.

Reference:

https://docs.microsoft.com/en-us/power-apps/user/advanced-find https://docs.microsoft.com/en-us/power-apps/maker/model-driven-apps/types-forms https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/customize-entity-views

PeterPan2 Highly Voted 3 years, 1 month ago

To enable items to be searchable in advanced find the fields must be indexed. This is set up at the Entity level

upvoted 58 times

luoyedemeng 3 years, 1 month ago

the view is correct, “Advanced Find View”

upvoted 4 times

kT185 1 year, 11 months ago

@luoyedemeng - No, it's not. Entity is correct.

upvoted 2 times

Yuro 2 years, 11 months ago

first option should be entity

upvoted 4 times

saadnadir 2 years, 11 months ago

i had the same thought, it ts the checkbox : searchable that is configurable in the attribute of the entity

upvoted 1 times

saadnadir 2 years, 11 months ago

i correct myself, searchable is to be used in the quick find view, to display the project name in the advanced find view, the field should be first added to a view., option : View is the correct answer

upvoted 12 times

luoyedemeng Highly Voted 3 years, 1 month ago

the correct answer should be "View" and "QuickViewForm"

upvoted 38 times

At09 Most Recent 4 months, 4 weeks ago

People love to make things complicated lol. Simple answer to pass the exam is View and Quick View

upvoted 2 times

ekta25 5 months ago

1. Entity
2. Quick View

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

1. Entity
2. Quick View

upvoted 1 times

NyarukouSAMA 5 months ago

The view should be the correct option for first. Because in the modern interface, you can go to view settings -> open "Find View" -> add the needed field to be searchable.

upvoted 1 times

NyarukouSAMA 5 months ago

To be more accurate, you need to set up a "Quick Find" view. You need to add to the "Find by" section the "Project Name" column. This will give you an ability to use search for the mentioned field in any view.

upvoted 1 times

lezzles11 6 months, 1 week ago

It might be view - https://learn.microsoft.com/en-us/power-apps/user/advanced-find

upvoted 1 times

shivdix 1 year, 1 month ago

Entity, When a column is searchable it appears in Advanced Find in model-driven apps and is available when customizing views. De-selecting this will reduce the number of options shown to people using advanced find.

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

pkatsa 1 year, 9 months ago

in exams 24/5

upvoted 3 times

jkaur 2 years ago

Entity, Quick Create

upvoted 3 times

jkaur 6 months, 2 weeks ago

it will quick view

upvoted 1 times

piboke 2 years, 3 months ago

Poor wording in this question :/

1. The requirement is that the field Project Name should be discoverable - hence you need to set it up to be able to add to views, including advanced find view (actually it is done by default), and that is done on Entity level.

2. When the employee registers time (Creates records), he needs to see the original start and end dates which means that there needs to be a quick view on the create record form.

upvoted 5 times

piboke 2 years, 3 months ago
2. Or one can understand that the original estimation should be autopopulated in the field on create. In that case it is quick create
upvoted 4 times

KAL18 2 years, 3 months ago
First one should be Entity.

Ref. from documentation >>> Under Searchable, select the check box if you need this column to be available in Views, Charts, Dashboards and Advanced Find
https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-manage-fields#create-a-column
upvoted 2 times

luvasgloves 2 years, 5 months ago
Terrible wording in these questions!
upvoted 5 times

d365gkv 2 years, 7 months ago
1st one doesn't make any sense to me
2nd one is QuickView or QuickCreate, QuickCreate makes more sense to me since it says during time entry indirectly meaning some sort of create mode which would be QuickCreate
upvoted 3 times

No_Doubt 1 year, 3 months ago
If data to display exist on an entity that's used as a lookup in this entity, a QuickView can be used to view the original estimated duration during time entry.
upvoted 1 times

SumitChavan 2 years, 9 months ago
I strongly feel first answer should be 'Entity'. As you set searchable for a field at entity level only.
upvoted 3 times

Hendrikdb 2 years, 10 months ago
The question is not clea enough to answer the first one. If you mean discoverable with "being able to select it through the conditions" then i tis entity, otherwise it is view
upvoted 4 times

saadnadir 2 years, 11 months ago
- View
- Quick view
upvoted 2 times

Question #19 *Topic 3*

HOTSPOT -

You are developing a Power Platform solution. You plan to add three buttons to a form. The buttons have the following requirements:

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

You need to complete each button's action.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Button	Command
Button1	Today() only Now() only Today() or Now()
Button2	Switch () only IF () only Switch() or IF()
Button3	IsMatch(TextInput1.Text, “emergency”, Contains) IsMatch(TextInput1.Text, “emergency”, Contains & IgnoreCase) IsMatch(TextInput1.Text. “emergency”. Contains) or IsMatch(TextInput1.Text, “emergency”, Contains & IgnoreCase)

Correct Answer:

Answer Area

Button	Command
Button1	Today() only Now() only Today() or Now()
Button2	Switch () only IF () only Switch() or IF()
Button3	IsMatch(TextInput1.Text, “emergency”, Contains) IsMatch(TextInput1.Text, “emergency”, Contains & IgnoreCase) IsMatch(TextInput1.Text. “emergency”. Contains) or IsMatch(TextInput1.Text, “emergency”, Contains & IgnoreCase)

Box 1: Now() only.

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

Box 2: Switch() or IF()

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

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

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

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

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-if

No_Doubt Highly Voted 1 year, 3 months ago
Ensure the the word Emergency is entered as "Emergency", which mean CASE SENSITIVE!
So, for me, in the 3rd question, option 1 is the right option.
upvoted 14 times

marimar 1 month, 2 weeks ago
In the 3rd question, the correct answer is the first one, however, it should have been put like this:
IsMatch(TextInput1.Text, "Emergency",Contains)
because the statement says that it was written as "Emergency" and not as "emergency".
upvoted 1 times

At09 Most Recent 4 months, 4 weeks ago
3rd would be asked as inputing 'emergency' and in conditions check for 'Emergency' then Ignorecase would work. But as its the otherway rond would go with option 1, we can't Ignore case ;)
upvoted 2 times

zewzew 5 months, 2 weeks ago
For the 3rd question. It has to be case insensitive. If else, there is no correct answer.
upvoted 3 times

JerryAnt 5 months, 2 weeks ago
These functions perform a case-sensitive match. Use MatchOptions.IgnoreCase to perform case-insensitive matches. So question 1 should be option 1.
upvoted 1 times

JerryAnt 5 months, 2 weeks ago
sorry, question 3 should be option 1.
upvoted 2 times

NyarukouSAMA 5 months ago
Agree about case-sensitive search, but unfortunately, no one variant provides us with "Emergency" with a capital E. In this case, the most fit variant will be option 3.
upvoted 1 times

f935db7 6 months, 2 weeks ago
3rd question poorly worded, no option is right
upvoted 4 times

jkaur 6 months, 2 weeks ago
Now()
switch or if
isMatch(TextInput1.Text, "emergency", Contains)
upvoted 2 times

ziggy1117 7 months ago
3rd question should be Contains
upvoted 1 times

V05 1 year, 1 month ago
Given answer is correct.
Ex: from Microsoft Doc:
IsMatch(TextInput1.Text, "Hello world") Tests whether the user's input matches, exactly, the string "Hello world". true
IsMatch(TextInput1.Text, "Good bye") Tests whether the user's input matches, exactly, the string "Good bye". false
IsMatch(TextInput1.Text, "hello", Contains) Tests whether the user's input contains the word "hello" (case sensitive). false
IsMatch(TextInput1.Text, "hello", Contains & IgnoreCase) Tests whether the user's input contains the word "hello" (case insensitive). true
upvoted 3 times

rober13 1 year, 2 months ago
For me is :
Now()
switch or if
isMatch(TextInput1.Text, "emergency", Contains)
upvoted 4 times

hertino 1 year, 5 months ago
Correct, but 3rd is weird.
https://docs.microsoft.com/en-us/power-platform/power-fx/reference/function-now-today-istoday
https://docs.microsoft.com/en-us/power-platform/power-fx/reference/function-ismatch
upvoted 2 times

Question #20 *Topic 3*

HOTSPOT -

A company imports data from files.

The following code is created to import the files. (Line numbers are included for reference only.)

```
1. var transactionrequest = new ExecuteTransactionRequest()
2. {
3. Requests = new OrganizationRequestCollection(),
4. ReturnResponses = true
5. };
6. ...
7. foreach (DataRow dr in Rows)
8. {
9. ...
10. var contact = new Entity("contact");
11. contact["firstname"] = firstname;
12. contact["lastname"] = lastname;
13. var createRequest = new CreateRequest() { Target = contact };
14. transactionrequest.Requests.Add(createRequest);
15. }
16. try
17. {
18. var response = (ExecuteTransactionResponse)crmSvc.Execute(transactionrequest);
19. foreach (var responseItem in response.Responses)
20. {
21. var createResponse = (CreateResponse)responseItem;
22. Console.WriteLine("Created: {0}", createResponse.id.ToString());
23. }
24. }
25. catch (FaultException<Microsoft.Xrm.Sdk.OrganizationServiceFault> ex)
26. {
27. Console.WriteLine("Error: {0}", ((ExecuteTransactionFault)(ex.Detail)).FaultedRequestIndex + 1,
    ex.Detail.Message);
28. }
```

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
If an error occurs when one of the contacts is created, processing will continue, and the remainder of the contacts will be created.	○	○
If you add the code `,ContinueOnError = true` at line 5, bad requests will not roll back the transaction.	○	○
Requests are processed in the sequence added to transactionrequest.	○	○
Lines 19-23 are required for the contacts to be created.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
If an error occurs when one of the contacts is created, processing will continue, and the remainder of the contacts will be created.		
If you add the code `,ContinueOnError = true` at line 5, bad requests will not roll back the transaction.		
Requests are processed in the sequence added to transactionrequest.		
Lines 19-23 are required for the contacts to be created.		

Box 1: No -

The For Each loop is exited if there is an error. Need ContinueOnError in the right place.

Box 2: No -

The ContinueOnError statement should be placed in the For Each loop before line 13.

Box 3: Yes -

Box 4: No -

This code is just for displaying the result on the screen.

Flatternschuchtern Highly Voted 1 year, 5 months ago
2 is a gotcha moment. There is ContinueOnError option for ExecuteMultipleRequest, but not for ExecuteTransactionRequest.
upvoted 5 times

At09 Most Recent 4 months, 4 weeks ago
Surprisingly Exam topic AI has ticked correct ones;)
upvoted 4 times

jkaur 6 months, 2 weeks ago
correct
upvoted 1 times

700157a 7 months ago
The last one should be YES.
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
no its not needed. its just for display
upvoted 3 times

ziggy1117 7 months ago
Answers are correct
upvoted 2 times

DummyTest1 8 months ago
For 2nd one. An ExecuteTransactionRequest will execute all calls in a single transaction, rolling back if an error has occurred. ExecuteMultipleRequest is not in a transaction and it will not rollback previously completed requests if an error occurs.
upvoted 3 times

emapedrozo 9 months, 1 week ago
Answers are correct. But, I think explanaiton for option 2 is not accurate. "ContinueOnError" is not an attribute of "ExecuteTransactionRequest" class, but ExecuteMultipleSettings. So, is not possible to indicate specify such property there.
upvoted 2 times

Kepty 1 year, 5 months ago
1) The request/response is within try/catch
upvoted 3 times

Question #21 *Topic 3*

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 991bf2fd-d40c-4752-9984-26b7c0455b69.

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": { "logicalname": "contact", "id": "991bf2fd-d40c-4752-9984-26b7c0455b69" } };

B. var data = { "name": "Contoso account", "primarycontactid@odata.bind": "/contacts(991bf2fd-d40c-4752-9984-26b7c0455b69)" };

C. var data = { "name": "Contoso account", "primarycontactid@odata.context": "/contacts(991bf2fd-d40c-4752-9984-26b7c0455b69)" };

D. var data = { "name": "Contoso account", "primarycontactid": "/contacts(991bf2fd-d40c-4752-9984-26b7c0455b69)" };

Correct Answer: *AB*

B: To associate new table records to existing table records, set the value of single-valued navigation properties using the @odata.bind annotation

Example:

var data =

{

"name": "Sample Account",

"primarycontactid@odata.bind": "/contacts(465b158c-541c-e511-80d3-3863bb347ba8)"

}

A: For mobile clients in the offline mode, you cannot use the @odata.bind annotation, and instead have to pass a lookup object (logicalname and id) pointing to the target record. var data =

{

"name": "Sample Account",

"primarycontactid":

{

"logicalname": "contact",

"id": "465b158c-541c-e511-80d3-3863bb347ba8"

}

}

Note Syntax:

Xrm.WebApi.createRecord(entityLogicalName, data).then(successCallback, errorCallback); entityLogicalName: Logical name of the table you want to create. For example: "account".

Data: A JSON object defining the columns and values for the new table record.

Reference:

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

Community vote distribution

AB (100%)

No_Doubt Highly Voted 1 year, 3 months ago

Selected Answer: AB

Correct
https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/xrm-webapi/createrecord

upvoted 5 times

markjr Most Recent 2 months, 1 week ago

Selected Answer: AB

Correct AB

upvoted 1 times

At09 4 months, 4 weeks ago

A and B, however A doesn't work when you try in CE but theoretically it would work as per microsoft article;)

upvoted 2 times

Sudheer93 5 months ago

In exam 09/23/2023

upvoted 1 times

HiJaak 5 months ago

Selected Answer: AB

Correct AB, even A is a deprecated method for mobile offline scenario.

upvoted 3 times

jkaur 6 months, 2 weeks ago

AB correct!

upvoted 1 times

leoprepexam97 9 months, 2 weeks ago

B and C are identical... why???

upvoted 3 times

df14ce0 8 months ago

there are differents @ODatabind and @ODataContext

upvoted 4 times

hertino 1 year, 5 months ago

Correct

upvoted 1 times

Question #22 *Topic 3*

DRAG DROP -

A company has a model-driven app.

A form that validates the date entered requires a custom button. The button must be available only under certain conditions.

You need to define the CommandDefinition in the RibbonDiffXML to meet the conditions for the button.

Which elements should you use? To answer, drag the appropriate elements to the correct conditions. Each element 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:

Elements

- Enable Rule
- Display Rule
- Action

Answer Area

Condition	Element
Make the button appear when the form shows an existing record.	Element
Make the button appear when the user has Write privilege on the record.	Element
Prevent the button from being used in Bulk Edit mode.	Element

Correct Answer:

Elements

- Enable Rule
- Display Rule
- Action

Answer Area

Condition	Element
Make the button appear when the form shows an existing record.	Display Rule
Make the button appear when the user has Write privilege on the record.	Action
Prevent the button from being used in Bulk Edit mode.	Enable Rule

Box 1: Display Rule -

When configuring ribbon elements, you can define specific rules to control when the ribbon elements will display.

Box 2: Action -

Define the actions to be performed by a command bar or ribbon control in a <CommandDefinition> element together with rules that control whether the control is enabled or visible in the ribbon.

Box 3: Enable Rule -

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

Reference:

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

CoktaiiL Highly Voted 1 year, 4 months ago

shouldn't it be
1) display rule
2) display rule
3) enable rule

because a display rule controls when the ribbon elements will DISPLAY (https://learn.microsoft.com/en-us/power-apps/developer/model-driven-

apps/define-ribbon-display-rules) and the enable rule controls when the ribbon elements are ENABLED. (https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-enable-rules)
question 1 & 2 is "make the button APPEAR" and question 3 is "prevent the button from being uses" witch would be DISABLE button

action doesn't make any sence for this questions because they "define the actions to be performed by a command bar or ribbon control" https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-actions
upvoted 26 times

zukito3 Highly Voted 1 year, 5 months ago
The second question should be Display rule, because de documentation says: "<EntityPrivilegeRule>
Use this kind of rule to display ribbon elements when a user has specific privileges for an entity. You must specify the privilege depth and the specific privilege you want to check." . https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/customize-dev/define-ribbon-display-rules?view=op-9-1

So the orders of aswer are:

1) Enable rule
2) Display rule
3) Enable rule

upvoted 10 times

PGG 1 year, 3 months ago
1) Should be Display rule -> You can Display a Non enabled control, you just won't be able yo use it.
2)Display
3)Enable
upvoted 4 times

PGG 1 year, 3 months ago
Sorry you are right, Disabled buttons are not Displayed
upvoted 1 times

At09 Most Recent 4 months, 4 weeks ago
OK it's enable , display, enable
upvoted 2 times

jkaur 6 months, 2 weeks ago
Enable;Display;Enable
upvoted 2 times

chiari_do 9 months, 2 weeks ago
Display
Enable
Enable
upvoted 3 times

whiteblack 9 months, 2 weeks ago
1. Display rule
2. Enable rule
3. Action
upvoted 3 times

ziad19 10 months, 3 weeks ago
1) Display Rule https://balugajjala.wordpress.com/2017/06/07/show-hide-button-form-state-rule/
2) Enable Rule https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-enable-rules#record-privilege-rule
upvoted 1 times

DimpleG 1 year, 1 month ago
Display Rule
Enable Rule
Enable Rule
upvoted 5 times

rogrod 1 year, 5 months ago
Option 2 must be "Enable Rule".
Display rule can be used for entity privileges: <EntityPrivilegeRule> https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-display-rules#control-when-ribbon-elements-are-displayed
But questios says "...when the user has write privilege on the record" (not entity privilege), and Enable Rule can do it: https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-enable-rules#record-privilege-rule
upvoted 6 times

chiari_do 9 months, 2 weeks ago
Thank you! Agree
upvoted 2 times

MarioM 1 year, 5 months ago
Enable;Display;Enable
Enable works in front end; Display - in back end.

upvoted 4 times

Flatternschuchtern 1 year, 5 months ago

I don't know what Microsoft wants to hear here.
The Action option doesn't make any sense, because you need the Enable Rule type CustomRule to even run it.
My guesses are:

1) You can use whichever, type FormStateRule = Existing is available on both. I guess Enable Rule because it needs to go somewhere on the list.
2) Display Rule, type EntityPrivilegeRule.
3) I see no good way to detect that with built-in rules, so this is where Action goes.

upvoted 2 times

Question #23 *Topic 3*

An organization uses Dynamics 365 Sales.
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 actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Open the web resource 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.

B. From Settings, select Customizations and then select Customize the System.

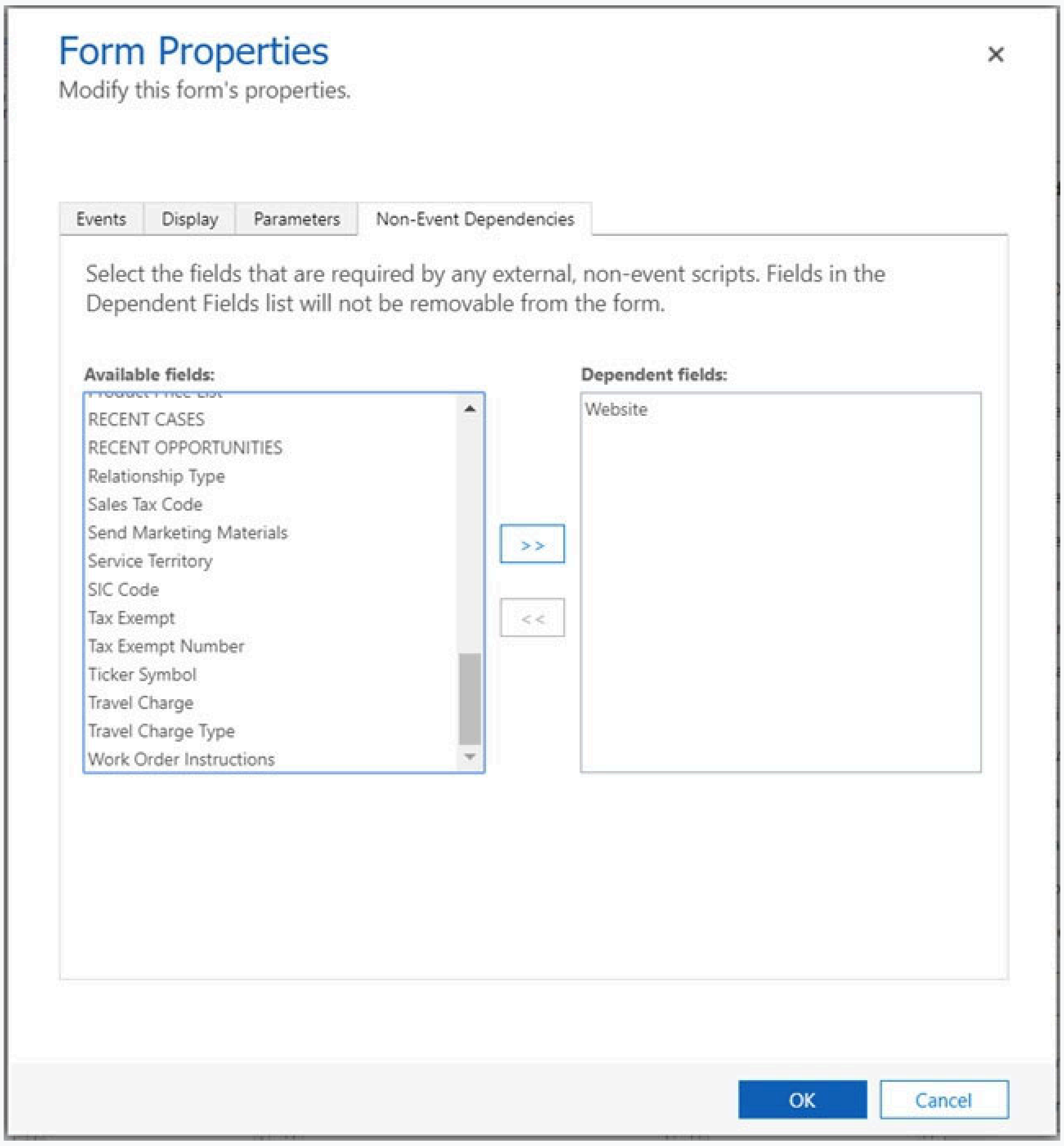
C. In the Account form, select Form Properties, select Non-Event Dependencies, and then add the custom field new_placeofbirth.

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

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

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

Correct Answer: *BCD*
Step 1 (B): From Settings, select Customizations and then select Customize the System.
Step 2 (D): Select Account, select Forms, and then select the Account form.
Step 3 (C): In the Account form, select Form Properties, select Non-Event Dependencies, and then add the custom field new_placeofbirth.
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://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies

Community vote distribution
ABE (64%) BCD (29%) 7%

MuhammadSaadFahim Highly Voted 6 months, 1 week ago

Selected Answer: ABE

B -> E -> A, will be the steps to add dependencies

Reference Link:
https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies?view=op-9-1&viewFallbackFrom=op-9-1BEA

upvoted 5 times

NyarukouSAMA 5 months ago

Agree. You could think that the right answer also could be ABE, but after a closer look at the task you can notice, that the requirement sounds like "you need to add dependencies to the js file". And from that point of view the most suitable will be ABE

upvoted 1 times

markjr Most Recent 2 months, 1 week ago

Selected Answer: ABF

In Order
B. From Settings, select Customizations and then select Customize the System.
F. In the Account form, select Form Properties and add the primary JavaScript file and the other two images web resources in Form Libraries.
A. Open the web resource 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.

upvoted 1 times

At09 4 months, 4 weeks ago

No other answers than B E A.

upvoted 1 times

ekta25 5 months ago

B. From Settings, select Customizations and then select Customize the System.

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

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

upvoted 1 times

jkaur 6 months, 2 weeks ago

ABE should be

upvoted 1 times

BarryBijoy 9 months, 1 week ago

Explanation:

A. You need to open the web resource file and add the two image web resources to the dependency's list. Additionally, add the custom field new_placeofbirth to the dependency's list to ensure that the JavaScript file is dependent on these resources.

B. By accessing the Customizations and Customize the System settings, you can make modifications to the forms and entities in Dynamics 365 Sales.

F. In the Account form, you should select Form Properties to specify the dependencies for the JavaScript web resource file. Add the primary JavaScript file and the two image web resources in the Form Libraries section to ensure that they are loaded as dependencies for the form.

upvoted 2 times

BolDeFruits 11 months, 2 weeks ago

BCD is correct since you can only add css,html,xml,resx,html and js webressources as dependancies for a script. you cannot add image webressources as dependancies on js scripts

upvoted 3 times

aindike 11 months, 3 weeks ago

ABE is correct

upvoted 2 times

DimpleG 1 year, 1 month ago

Selected Answer: ABE

According to this given link : https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/web-resource-dependencies?view=op-9-1
BEA - Makes sense to me.

upvoted 4 times

Flatternschuchtern 1 year, 5 months ago

Selected Answer: BCD

BCD is correct due to elimination, even though it doesn't cover the images.

A is incorrect because you can't add the images as dependencies to JS webresource and neither can you add fields.
F is incorrect because you can't add images to Form Libraries.
E is incorrect because you straight up don't have to do it.

upvoted 4 times

vrpexamtopics 1 year ago

Yes, you can add both images and fields as dependencies to a JavaScript.

upvoted 2 times

northstar88 1 year, 5 months ago

I'm guessing ABE.

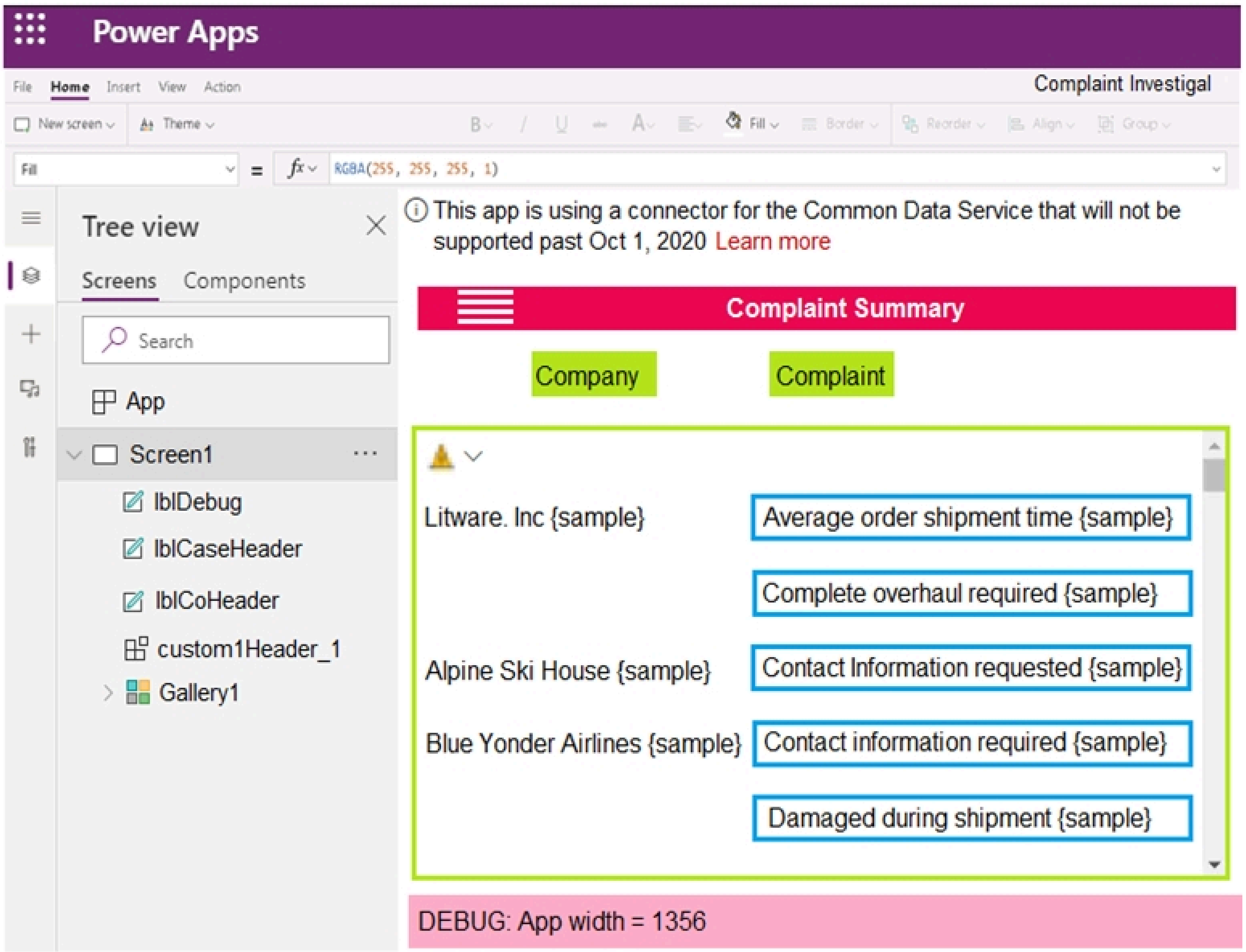
C doesn't cover the dependencies on the two image web resources. In the reference links, it's shown that you can add dependency list in the webresource itself.

upvoted 3 times

Question #24 *Topic 3*

HOTSPOT -

You open a canvas app in edit mode. A warning message displays as shown in the graphic.



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

You need to troubleshoot the warning. What should you do?

- Navigate to Solution checker and view results.
- Navigate to App checker and expand the Formulas section.
- Navigate to Advanced Tools and open the Monitor.
- Navigate to Connections and add a new connection.

Which component should you troubleshoot?

- App
- Screen1
- customHeader_1
- Gallery1

Correct Answer:

Answer Area

You need to troubleshoot the warning. What should you do?

- Navigate to Solution checker and view results.
- Navigate to App checker and expand the Formulas section.
- Navigate to Advanced Tools and open the Monitor.
- Navigate to Connections and add a new connection.

Which component should you troubleshoot?

- App
- Screen1
- customHeader_1
- Gallery1

Box 1: Navigate to Connections and add a new connection
Error message: This app is using a connector for the Common Data Service will not be supported past Oct 1, 2020.
To convert your app that uses the Common Data Service 365 connector, you'll need to remove and add the connections to your data sources.

Box 2: Gallery1 -
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/use-native-cds-connector

sallo Highly Voted 2 years, 7 months ago
Correct
upvoted 8 times

Mooskito Highly Voted 2 years, 7 months ago
Correct
upvoted 6 times

At09 Most Recent 4 months, 4 weeks ago
Correct
upvoted 1 times

RSITS 5 months, 3 weeks ago
Correct
upvoted 1 times

jkaur 6 months, 2 weeks ago
Correct
upvoted 1 times

Muzera 1 year, 7 months ago
Correct
upvoted 1 times

WilliamSu 1 year, 9 months ago
The first question is asking what to do to troubleshoot. I think it should use Monitor to troubleshoot.
upvoted 2 times

> **L_2020** 1 year, 8 months ago
> Not really. Troubleshoot means: "trace and correct faults..."
> So it's literally asking, what do we need to do to fix the issue.
> upvoted 1 times

fihemal249 2 years, 2 months ago
How do you know its Gallery1 that is the component that needs to be troubleshooted?
upvoted 3 times

Deeprog 2 years, 1 month ago

Because Gallery1 is the only component that needs to connect to data via a connector.

upvoted 10 times

Question #25 *Topic 3*

A company implements Dynamics 365 Supply Chain Management.
The company wants a button to display in the command bar when viewing accounts.
You need to add the button using the Ribbon Workbench.
In which three areas can you add a button for the Account entity? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. In the home area for Accounts.

B. In the main body of a form.

C. On the main application window.

D. On the associated view of the account.

E. On the Account form.

Correct Answer: *ADE*
The Ribbon Workbench requires a solution to load that contains the entities that you wish to work on.
Reference:
https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/371643/add-a-button-on-account-list-view-in-dynamics-crm

Community vote distribution
ADE (100%)

Hugolini Highly Voted 2 years, 5 months ago
Correct
upvoted 9 times

jkaur Most Recent 6 months, 2 weeks ago
ADE Correct
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 2 times

gursimran_s 1 year, 9 months ago
Selected Answer: ADE
this is correct.
upvoted 1 times

CinthiaN 2 years ago
Selected Answer: ADE
Correct
upvoted 3 times

crismadalina 2 years ago
Selected Answer: ADE
correct
upvoted 3 times

Ishan_63 2 years ago
Correct. 3 areas where button can be added using ribbon workbench
1. Home - where we have list of records
2. Form
4. Subgrid
upvoted 2 times

tobf 2 years, 1 month ago
Selected Answer: ADE
Correct
upvoted 3 times

Anastasii 2 years, 3 months ago

Correct

upvoted 2 times

Question #26 *Topic 3*

An organization uses Dynamics 365 Sales. You plan to add a custom button to the app ribbon.
You need to ensure that the button displays only when conditions specified by business rules are met.
Which two code segments can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. gridContext.refresh();

B. formContext.ui.refreshRibbon(refreshAll);

C. formContext.data.refresh(save).then(successCallback, errorCallback);

D. formContext.ui.refreshRibbon();

E. formContext.getControl(arg).refresh();

Correct Answer: *BD*
B: formContext.ui.refreshRibbon(refreshAll);
Causes the ribbon to re-evaluate data that controls what is displayed in it.
Indicates whether all the ribbon command bars on the current page are refreshed. If you specify false, only the page-level ribbon command bar is refreshed. If you do not specify this parameter, by default false is passed.
Remarks: This function is typicaly used when a ribbon (RibbonDiffXml) depends on a value in the form. After your code changes a value that is used by a rule, use this method to force the ribbon to re-evaluate the data in the form so that the rule can be applied.
D: If role is there - just refresh the ribbon to see the button if (isButtonEnabled) { formContext.ui.refreshRibbon();
}
},
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/refreshribbon
https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/302049/show-hide-button-bases-on-different-criteria/871674

Community vote distribution
BD (100%)

siddhu_47 Highly Voted 2 years, 5 months ago
No discussions. Have people stopped going through these questions ? :)
Can anyone please confirm if the answers are correct.
upvoted 7 times

Moradmoro 1 year, 4 months ago
the answers are correct. Indicates whether all the ribbon command bars on the current page are refreshed. If you specify false, only the page-level ribbon command bar is refreshed. If you do not specify this parameter, by default false is passed. https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/formcontext-ui/refreshribbon#parameter
upvoted 2 times

Sakshi0510 2 years, 3 months ago
I too don't know :(
upvoted 1 times

At09 Most Recent 4 months, 4 weeks ago
Should be C and D by considering the business rule twist
upvoted 1 times

DummyTest1 7 months, 3 weeks ago
Selected Answer: BD
Answer seems to be correct as the both the variant would apply the rules for the command bar at the page level.
upvoted 1 times

ziadebada 1 year, 8 months ago
D is incorrect as no parameter is specified in formContext.ui.refreshRibbon(??);
If you do not specify this parameter, by default false is passed.
upvoted 2 times

ShaiAtElad 1 year, 9 months ago
I think B and C. D will not refresh the button because it is was added to the app ribbon, so must pass RefreshAll. C because after refresh OnLoad event is triggered: https://docs.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/formcontext-data/refresh
upvoted 2 times

powerMaster 1 year, 11 months ago

https://docs.microsoft.com/de-de/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/refreshribbon looks correct

upvoted 1 times

jkaur 2 years ago

Correct

upvoted 3 times

jkaur 6 months, 2 weeks ago

Should be B and C

upvoted 1 times

Anastasii 2 years, 3 months ago

It can't be other correct answers except for proposed variants.

upvoted 2 times

fihemal249 2 years, 2 months ago

How do you know? Answer E looks correct according to this link: https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/controls/getcontrol

upvoted 1 times

fihemal249 2 years, 2 months ago

And B should be the other correct answer: https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/refreshribbon

upvoted 1 times

Question #27 *Topic 3*

HOTSPOT -

A fine arts school uses a custom canvas application based on the Microsoft Dataverse.

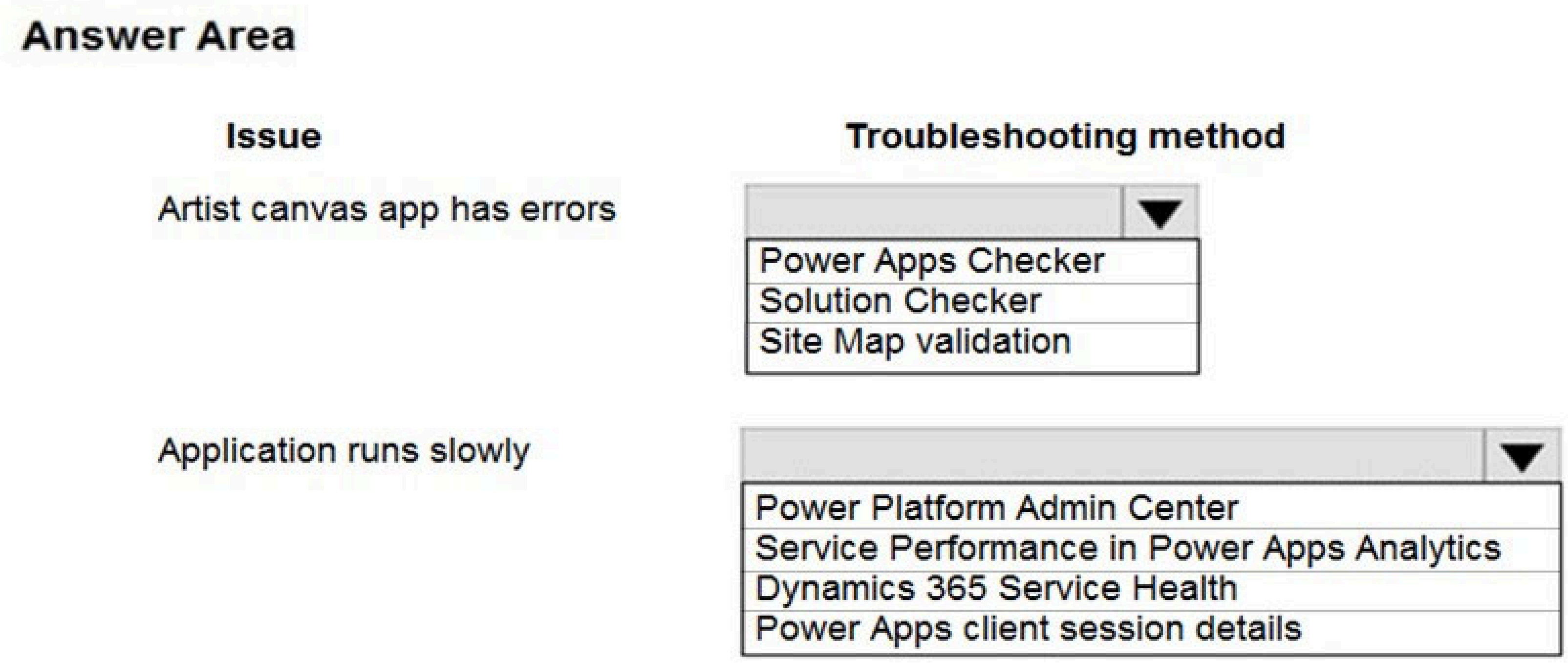
Artists experience errors on their Artist canvas app and delays when switching pages.

You need to identify the root causes of these issues.

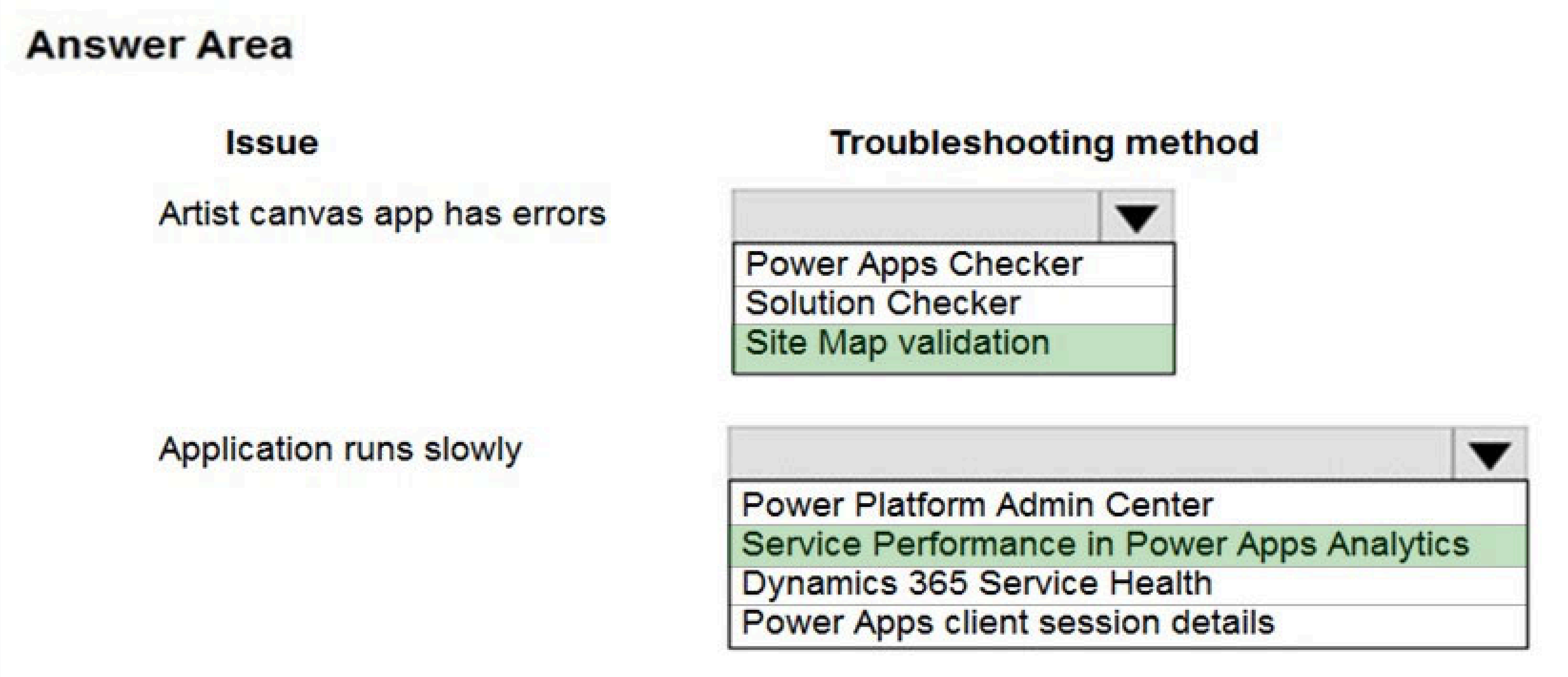
Which troubleshooting methods should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



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

greg3271 Highly Voted 1 year, 5 months ago
Power Apps Checker
Service Performance in Power Apps Analytics
upvoted 21 times

hertino Highly Voted 1 year, 5 months ago
https://www.examtopics.com/discussions/microsoft/view/60854-exam-pl-400-topic-3-question-16-discussion/
upvoted 6 times

At09 Most Recent 4 months, 4 weeks ago
PA checker
Service performance...
upvoted 1 times

jkaur 6 months, 2 weeks ago
Power Apps Checker
Service Performance in Power Apps Analytics
upvoted 1 times

PGG 1 year, 3 months ago
PowerApp Checker checks... any performance... issues in the code
So answer should be:
Power Apps Checker
Service Performance in Power Apps Analytics
upvoted 1 times

juan54 1 year, 4 months ago
Yes the first reply is wrong
A - PowerApps Checker !!!
upvoted 1 times

Question #28 *Topic 3*

You are developing a new Power Platform app.
The checker fails with an error due to missing security roles.
You need to add security roles to the Power Apps Checker application user.
Which two security roles should you add? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Global Discover Service Role

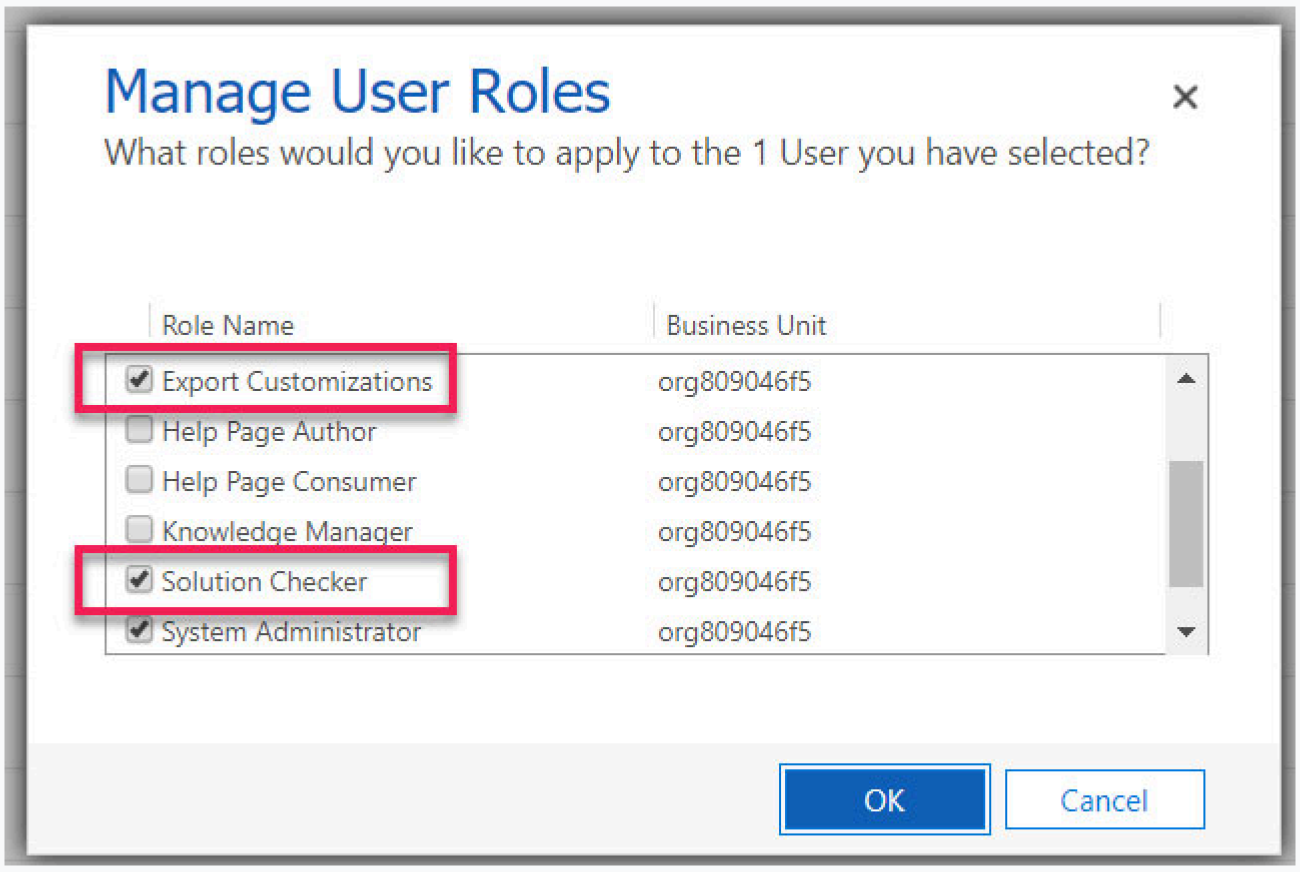
B. Export Customizations

C. Environment Maker

D. Solution Checker

E. Resource Manager

Correct Answer: *BD*
Before you are able to run it, make sure you have the proper Security Roles in your common data service environment. Two of the required permissions are
Export Customizations and Solution Checker.



Reference:
https://learntoinspire.ca/2020/01/18/leveraging-the-power-of-solution-checker/

Community vote distribution
BD (100%)

jkaur 6 months, 2 weeks ago
BD correct
upvoted 1 times

fancyturkey 1 year, 2 months ago
Selected Answer: BD
for sure
upvoted 2 times

gabrisca 1 year, 4 months ago
Definitely:
- Export customizations
- Solution checker

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker
upvoted 2 times

CoktaiiL 1 year, 4 months ago
Selected Answer: BD

The following security roles contain minimum required permissions:
- Export customizations
- Solution checker

https://learn.microsoft.com/en-us/power-apps/maker/data-platform/common-issues-resolutions-solution-checker
upvoted 3 times

MarioM 1 year, 5 months ago
One option - Environment maker.
upvoted 4 times

Question #29 *Topic 3*

You are creating a Power Apps app.
The app must retrieve data from an API that requires two-factor authentication.
You need to configure authentication.
Which type of authentication should you implement?

A. Server-to-server

B. API key-based

C. Basic

D. OAuth

Correct Answer: *D*
OAuth 2.0 is the industry-standard protocol for authorization. After application users provide credentials to authenticate, OAuth determines whether they are authorized to access the resources.
OAuth enables two-factor authentication (2FA) or certificate-based authentication for server-to-server application scenarios.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/authenticate-oauth

Community vote distribution
D (100%)

jkaur 6 months, 2 weeks ago
Correct
upvoted 1 times

PGG 1 year, 3 months ago
Correct Oauth only answer that lets you 2FA
upvoted 2 times

hertino 1 year, 5 months ago
Selected Answer: D
Correct
upvoted 4 times

Question #30 *Topic 3*

You are creating a canvas app that realtors use to identify neighbors for properties that are for sale.
The OnStart property includes the following code:
ClearCollect(collectNeighborList, Filter(NeighborList, Status = `Active")); ClearCollect (collectRealtorList,CompanyList);ClearCollect(collectRegions, RegionList)
The app is running slower than expected.
You need to resolve the issue.
What should you do?

A. Replace all instances of the ClearCollect method with the connect method.

B. Replace the existing code segment with the following code segment Concurrent (ClearCollect(collectNeighborList, Filter(NeighborList, Status = ג€Activeג€)), ClearCollect(collectRealtorList,CompanyList),ClearCollect(collectRegions, RegionList))

C. Replace the existing code segment with the following code segment: ClearCollect(collectNeighborList, Filter(NeighborList, Status = ג€Activeג€)); Concurrent(ClearCollect(collectRealtorList,CompanyList)); Concurrent(ClearCollect(collectRegions, RegionList))

Correct Answer: *B*
Optimize the OnStart property -
Use the ClearCollect function to cache data locally if it doesn't change during the user session. Also, use the Concurrent function to load data sources simultaneously; this can cut the amount of time an app needs to load data in half.
Example: Without the Concurrent function, the following formula loads each of four tables one at a time:
ClearCollect(Product, '[SalesLT].[Product]');
ClearCollect(Customer, '[SalesLT].[Customer]');
ClearCollect(SalesOrderDetail, '[SalesLT].[SalesOrderDetail]');
ClearCollect(SalesOrderHeader, '[SalesLT].[SalesOrderHeader]')
You can enclose the same formula in the Concurrent function to reduce the overall time that the operation needs:
Concurrent(
ClearCollect(Product, '[SalesLT].[Product]'),
ClearCollect(Customer, '[SalesLT].[Customer]'),
ClearCollect(SalesOrderDetail, '[SalesLT].[SalesOrderDetail]'),
ClearCollect(SalesOrderHeader, '[SalesLT].[SalesOrderHeader]'))
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/canvas-apps/performance-tips#optimize-the-onstart-property

Community vote distribution
B (100%)

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
B is correct answer.
The Concurrent method is used to run multiple actions at the same time.
In the existing code, all three ClearCollect methods are running sequentially. This means that the first ClearCollect method will finish running before the second ClearCollect method starts running, and so on. This can cause the app to run slowly, especially if the collections are large.

The Concurrent method allows you to run multiple actions at the same time. This can help to improve the performance of your app by reducing the amount of time it takes to run all of the ClearCollect methods.
upvoted 2 times

shivdix 1 year, 1 month ago
B
https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-concurrent
upvoted 1 times

gabrisca 1 year, 4 months ago
B is orrect:
https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/performance-tips#optimize-the-onstart-property
upvoted 2 times

CoktaiiL 1 year, 4 months ago

Selected Answer: B
correct
upvoted 1 times

Lotsrly 1 year, 5 months ago
Selected Answer: B
Correct 100%
upvoted 4 times

Question #31 *Topic 3*

DRAG DROP -

You are creating an app that connects to Microsoft Dataverse on a nightly basis. You plan to integrate the app with an external system.

The application must not authenticate by using a Microsoft Azure Active Directory (Azure AD) user account.

You need to enable the application to authenticate to Dataverse.

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:

Actions	Answer Area
Use the Azure AD application id and secret as credentials in the application.	
Use the Dataverse application user username and password as credentials in the application.	
Assign a security role to the application user in Dataverse.	
Register the application in Azure AD with appropriate permissions.	
Create the application user in Dataverse using the Application User form.	
Grant the Dataverse application user the Access Dynamics 365 as organization users permission in Azure AD.	

Correct Answer:

Actions	Answer Area
Use the Azure AD application id and secret as credentials in the application.	Register the application in Azure AD with appropriate permissions.
	Use the Dataverse application user username and password as credentials in the application.
	Create the application user in Dataverse using the Application User form.
	Assign a security role to the application user in Dataverse.
Grant the Dataverse application user the Access Dynamics 365 as organization users permission in Azure AD.	

Step 1: Register the application in Azure AD with appropriate permissions.

App registration in Azure Active Directory is typically done by ISVs who want to develop external client applications to read and write data in Dataverse.

Registering an app in Azure Active Directory provides you with Application ID and Redirect URI values that ISVs can use in their client application's authentication code.

Step 2: Use the Azure AD application id and secret as credentials in the application.

Add credentials -

Credentials are used by confidential client applications that access a web API. Examples of confidential clients are web apps, other web APIs, or service-type and daemon-type applications. Credentials allow your application to authenticate as itself, requiring no interaction from a user at runtime.

You can add both certificates and client secrets (a string) as credentials to your confidential client app registration.

Step 3: Create the application user in Dataverse using the Application User form.

App registration can also be done by an application developer or individual user who is building a client application to connect to and read/write data in Dataverse.

Use the Application ID and Redirect URI values from your registered app in your client application's authentication code to be able to connect to Dataverse environment from your client application, and perform the required operations. Note that if the app is registered in the same tenant as your Dataverse environment, you won't be presented with a consent form when connecting from your client application to your Dataverse environment.

Note: When end users use the ISV's application for the first time to connect to their Dataverse environment by providing their Dataverse credentials, a consent form is presented to the end user. After consenting to use their Dataverse account with the ISV's application, end users can connect to Dataverse environment from external application. The consent form is not displayed again to other users after the first user who has already consented to use the ISV's app. Apps registered in Azure Active Directory are multi-tenant, which implies that other

Dataverse users from other tenant can connect to their environment using the ISV's app.
Step 4: Assign a security role to the application user in Dataverse
Grant access to users that already have a Dynamics 365 license
Any user who already has a license for any model-driven app in Dynamics 365 also will be able to access Dynamics 365 Marketing without requiring any additional licenses. All you need to do is assign them the security roles and privileges required to access the Marketing features they need.
Incorrect:
* Grant the Dataverse application user the Access Dynamics 365 as organization users permission in Azure AD.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/walkthrough-register-app-azure-active-directory
https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-register-app https://docs.microsoft.com/en-us/dynamics365/marketing/admin-users-licenses-roles

Kunterbunt Highly Voted 1 year, 5 months ago
Register App
Create AppUser
Assign Role
Use Id and Secret
upvoted 27 times

northstar88 1 year, 5 months ago
It's what I usually do too.
upvoted 2 times

jkaur Most Recent 6 months, 1 week ago
Register App
Create AppUser
Assign Role
Use Id and Secret
upvoted 1 times

DummyTest1 8 months ago
Provided answer is incorrect. Following is the correct sequence
1) Register App with required permision in Azure AD
2) Create the Application User
3) Assign an appropriate security role to the Application User
4) Please App ID and Secret in order to perform the nightly connect to Dataverse.
upvoted 2 times

V05 1 year, 1 month ago
Register App
Create AppUser
Assign Role
Use Id and Secret from App registered
link: https://d365demystified.com/2022/08/09/authenticate-dataverse-connector-using-service-principal-in-a-power-automate-flow/
upvoted 2 times

EssaKhader 1 year, 5 months ago
this answer is correct ??!
upvoted 1 times

Vinodds 1 year, 5 months ago
no, below sequence is correct. same is also mentioned in above comment.
Register App
Create AppUser
Assign Role
Use Id and Secret
upvoted 3 times

Question #32 *Topic 3*

DRAG DROP -

You are creating a Power Apps Component Framework (PCF) control.

You test the control by using a local test harness.

You need to complete testing.

Which commands should you use? To answer, drag the appropriate commands to the correct functions. Each command 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:

Commands
- start npm start
- npm start
- npm start watch
- npm update

Answer Area

Function	Command
Launch a second npm start window while tests run in the first window.	Command
Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.	Command

Correct Answer:

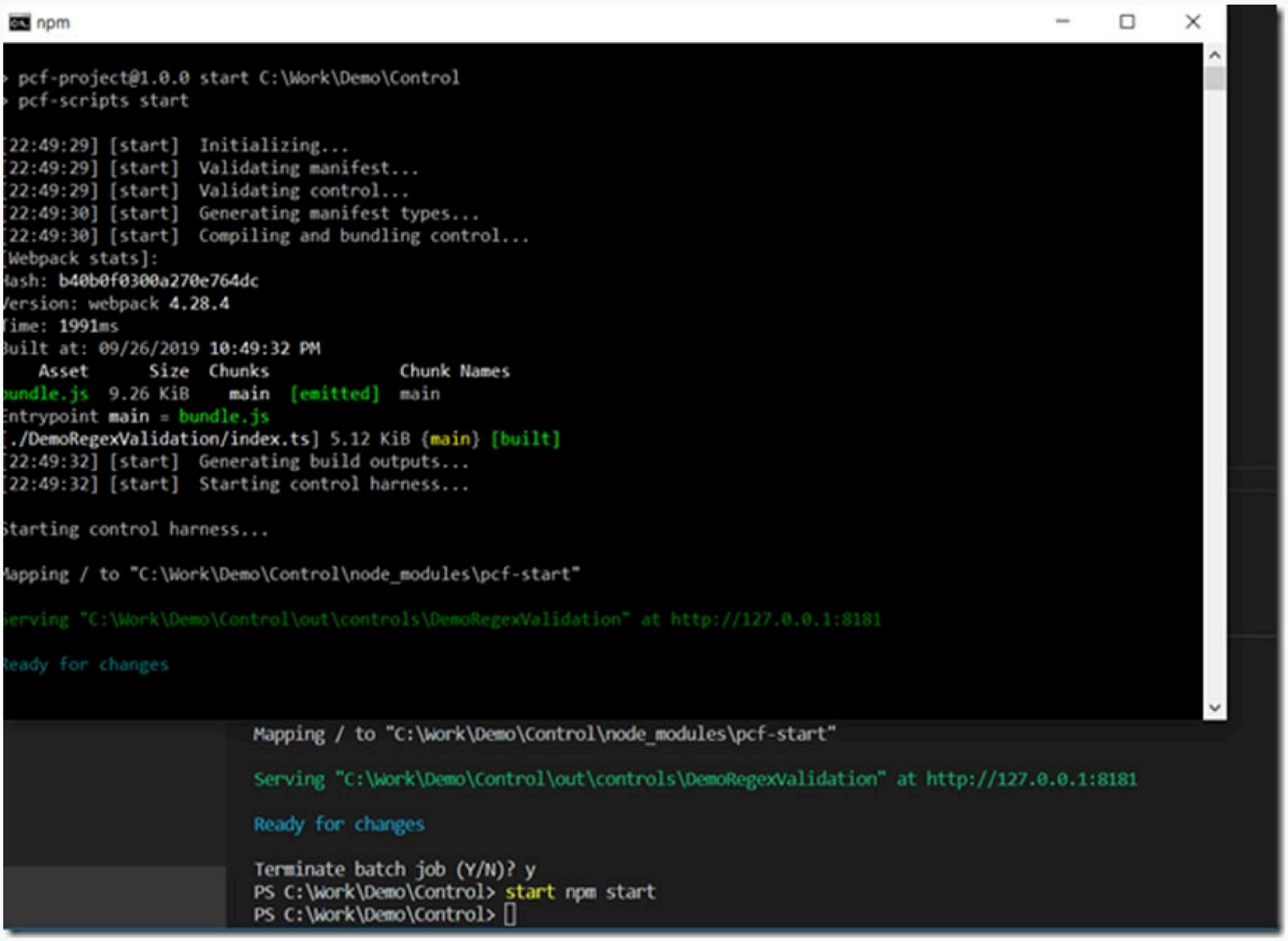
Commands
- start npm start
- npm start
- npm start watch
- npm update

Answer Area

Function	Command
Launch a second npm start window while tests run in the first window.	start npm start
Detect changes in index.ts, ControlManifest.Input.xml, and other bundled .ts files during testing without having to restart the test harness.	npm start watch

Box 1: start npm start -

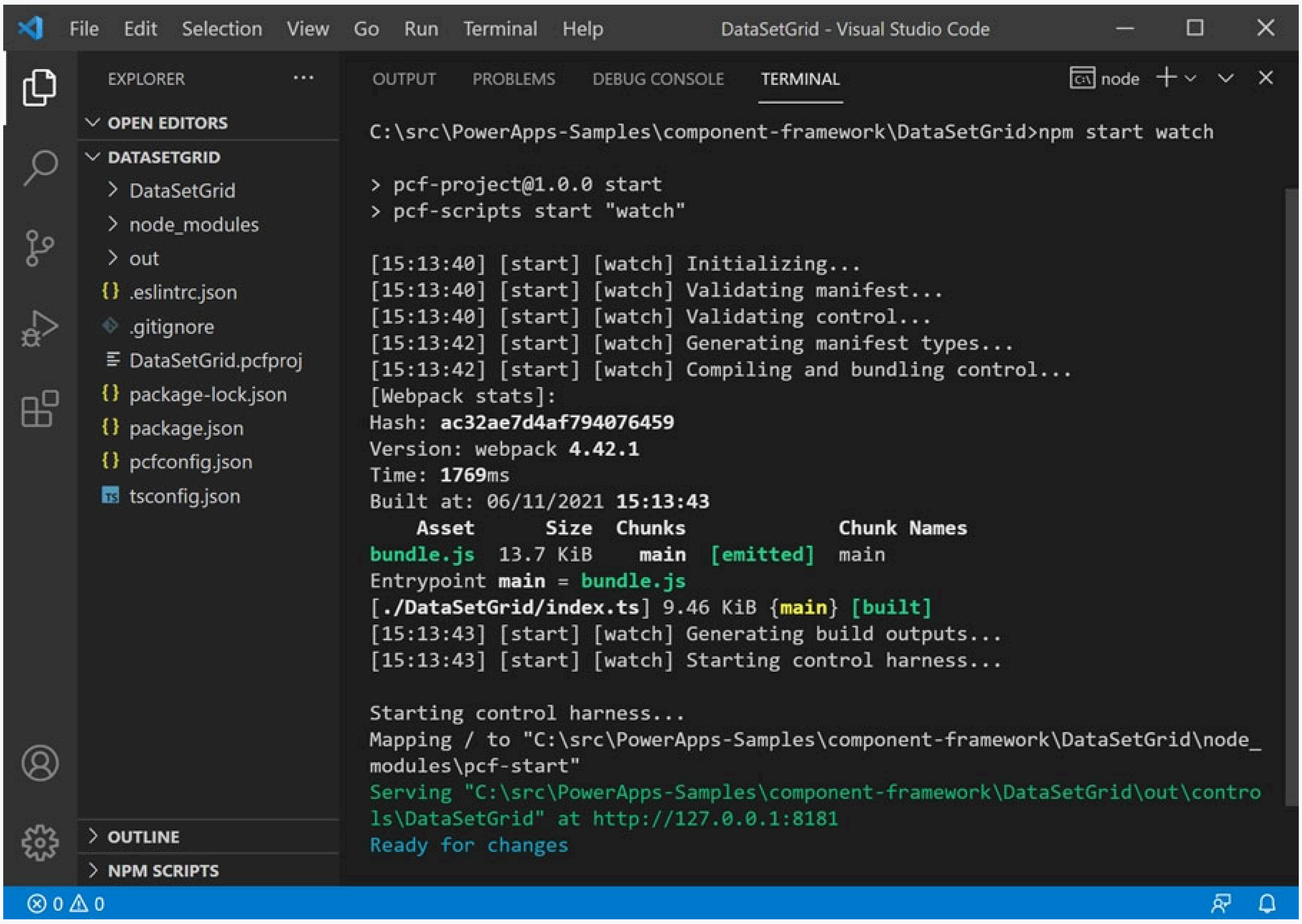
Those two ג€start ג€-s surrounding the ג€npmג€ have completely different meaning. When done this way, a new command prompt window will show up and ג€npm startג€ will run in that additional window:



It'll be the same result ג€" you will have the harness started, but, also, your original terminal session will continue to work, and you won't need to open another one.

Box 2: Npm start watch -

The following image shows what Visual Studio Code will look like when you use the npm start watch for the DataSetGrid sample:



Launching the test harness in watch mode enables you to quickly see the changes in action. Changes made to any of the following component assets are automatically reflected in the test harness without having to restart it: index.ts file.

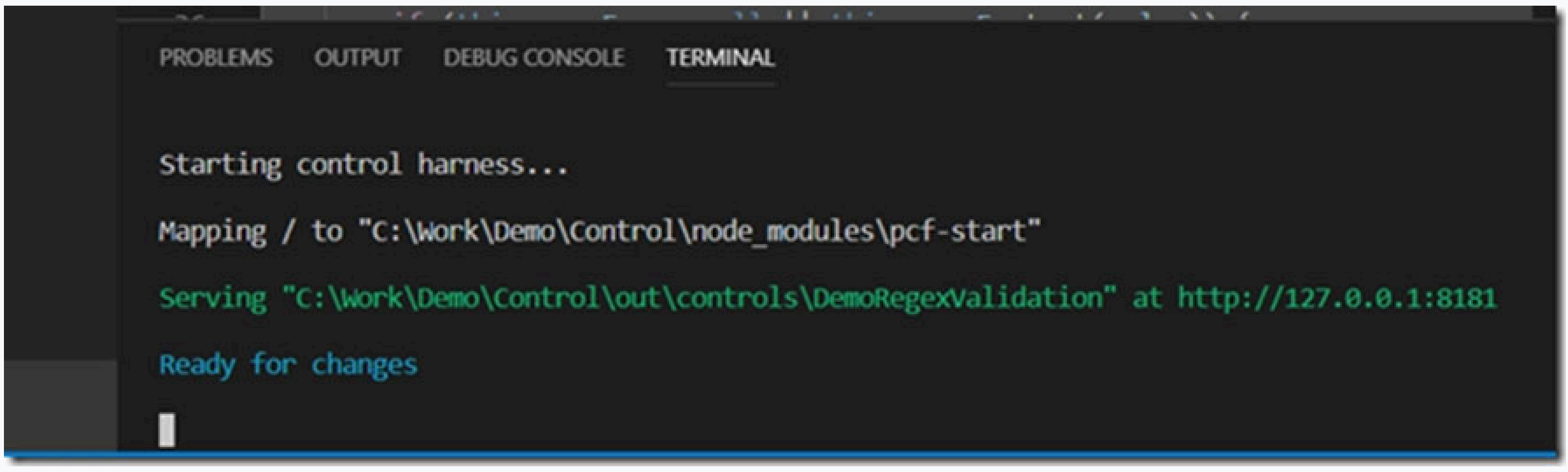
Imported modules in index.ts (excluding node_modules).

All of the resources listed in the ControlManifest.Input.xml file, for example, css/DataSetGrid.css or strings/DataSetGrid.1033.resx

Incorrect:

* To start the test harness, you would use the following command: npm start

This is fast and convenient, but this command will lock your terminal session. For example, if you are doing PCF development in Visual Studio Code, here is what you will see in the terminal window:



Reference:

https://docs.microsoft.com/en-us/power-apps/developer/component-framework/debugging-custom-controls

https://www.itaintboring.com/dynamics-crm/test-harness-for-pcf-controls-we-can-also-use-start-npm-start/

jkaur 6 months, 2 weeks ago

start npn start
npt start watch

upvoted 1 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 1 times

TOM1000 9 months, 1 week ago

start npn start - is correct the 1st start will launch a new terminal window.
npt start watch - also correct to reflect changes to the files mentioned live.

upvoted 2 times

juan54 1 year, 4 months ago

Should be "npm start" for the 1st question no ? oO

upvoted 3 times

No_Doubt 1 year, 3 months ago

The provided answer is right, check the below:
https://www.itaintboring.com/dynamics-crm/test-harness-for-pcf-controls-we-can-also-use-start-npm-start/

upvoted 3 times

Question #33 *Topic 3*

DRAG DROP -

You are designing a model-driven app for a company's support desk team.

You must add a button to the app that creates a reminder task. The button must only display to users if a service case is open for at least seven days.

You need to define the steps to create the button when App Designer is open.

In which order should you perform the actions? 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 orders you select.

Select and Place:

Actions	Answer Area
Add a data source to the component library.	
Create a task by using an OnSelect expression.	
Edit the command bar.	
Add a command button.	
Configure a visibility expression.	

Correct Answer:

Actions	Answer Area
	Edit the command bar.
	Add a command button.
	Add a data source to the component library.
	Configure a visibility expression.
	Create a task by using an OnSelect expression.

Step 1: Edit the command bar.

Step 2: Add a command button.

Step 3: Add a data source to the component library

DataSourceInfo function -

Data sources can provide a wealth of information to optimize the user experience.

Step 4: Configure a visibility expression.

You can use Power Fx for both actions (what happens when the command button is selected) as well as visibility (logic to control when the button is visible).

Visible -

Defines logic for hiding or showing the button when running the app.

To define visibility logic select the command. Then select Visibility on the right command properties pane and choose Show on condition from formula. You may now select Visible on the left of the formula bar then write a Power Fx expression using the formula bar.

Step 5: Create a task by using OnSelect expression.

OnSelect -

Defines the logic that will be executed when the button is selected within the app.

Reference:
https://docs.microsoft.com/en-us/power-apps/maker/model-driven-apps/use-command-designer https://docs.microsoft.com/en-us/power-apps/maker/model-driven-apps/commanding-use-powerfx

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 1 times

TheExamMaster2020 1 year, 4 months ago
Does the order in which you add the data source and the button matter?
upvoted 2 times

No_Doubt 1 year, 3 months ago
Check the question's note
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.
upvoted 3 times

Question #34 *Topic 3*

You are developing a model-driven app for a company that sells sporting goods. You add a button to a page that displays information for a product.

The button must copy information for the selected product and create a record in the data source. You add the following code to the button. (Line numbers are included for reference only.)

```
01
02  Products,
03  Defaults(Products),
04    {
05      Name: Self.Selected.Item.Name,
06      Description: Self.Selected.Item.Description,
07      Type: Self.Selected.Item.Type,
08      Price: Self.Selected.Item.Price
09    }
10  )
```

You need to complete the code.

Which function should you insert at line 01?

A. UpdateContext(

B. IsMatch(

C. LoadData(

D. Patch(

E. SaveData(

Correct Answer: *A*

Community vote distribution

D (93%) 7%

hikmatune Highly Voted 1 year ago

Selected Answer: D

patch is correct

upvoted 7 times

markjr Most Recent 2 months ago

Selected Answer: A

Correct - since the question says "model-driven" the only correct answer is UpdateContext.

UpdateContext({ Person: { Name: "Milton", Address: "1 Main St" } }) Creates or modifies the context variable Person, setting its value to a record. The record contains two columns, named Name and Address. The value of the Name column is Milton, and the value of the Address column is 1 Main St. Person has the value of record { Name: "Milton", Address: "1 Main St" } }.

Reference this record as a whole with the name Person, or reference an individual column of this record with Person.Name or Person.Address.

If the question said canvas app then Patch would be the answer.

upvoted 1 times

NNNT 3 months, 2 weeks ago

The correct answer is D. Patch(

upvoted 1 times

Net_IT 4 months, 3 weeks ago

Shouldn't it be a Canvas App in order to use the Patch()?

upvoted 2 times

RSITS 5 months, 3 weeks ago

Selected Answer: D

D

The proposed sintax does not match with UpdateContext
upvoted 1 times

MikeAWS 6 months, 1 week ago
To copy information for the selected product and create a record in the data source in a model-driven app, you should use the Patch function. The Patch function is commonly used in Power Apps to modify or create records in a data source.
upvoted 1 times

jkaur 6 months, 2 weeks ago
D should be
upvoted 1 times

stalee 7 months, 3 weeks ago
The answer is correct, but the app should be Canvas App, not Model-driven.
upvoted 2 times

mattiabergo 10 months, 4 weeks ago
except that we are talking about model driven apps here and I don't think these functions apply to this type of app, but still the correct function to create or update a record is Patch
upvoted 2 times

DimpleG 1 year, 1 month ago
Selected Answer: D
https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-patch
upvoted 3 times

kotaro05 1 year, 1 month ago
Selected Answer: D
Patch function should be the correct answer
upvoted 3 times

SRasheed 1 year, 1 month ago
It should be Patch function
upvoted 4 times

Hiema87 1 year, 1 month ago
https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-patch
upvoted 3 times

Question #35 *Topic 3*

HOTSPOT

-

You are creating a new model-driven app.

The app must meet the following requirements:

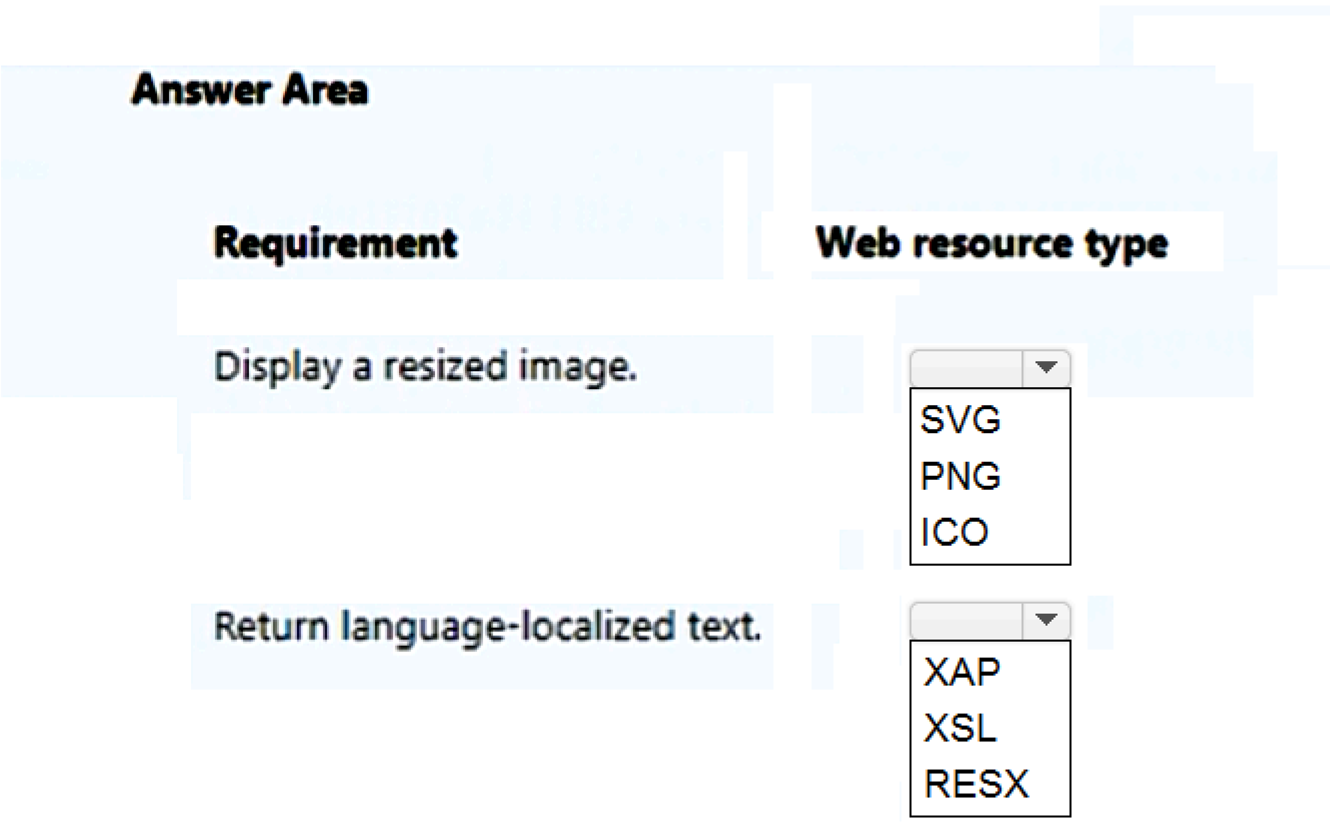
• Display an image that can be resized without loss in quality.
• Use a client API function to return language-localized text.

You need to customize the app by using web resources.

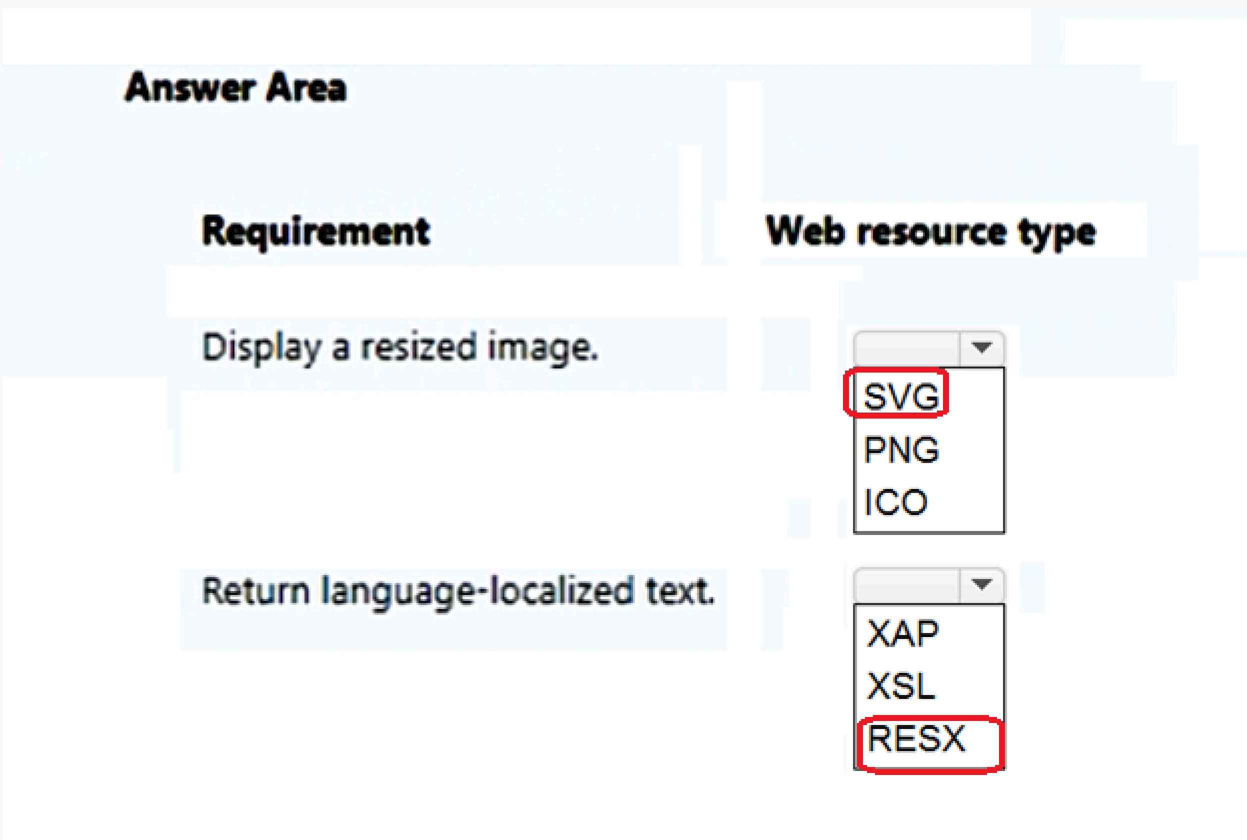
Which web resource types should you use?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:



AndreiAndreiG Highly Voted 8 months ago

What is an SVG?
SVG stands for Scalable Vector Graphic. It’s a piece of XML code that defines a vector-based graphic meant to display on the web. In Power Apps, SVG objects are defined with the <svg> tag. Every attribute that the SVG has is then written out as code.
Unlike other image formats, SVGs have a few unique features that make them better suited to environments like apps or the web. They:

-> Can be created and edited with any text editor. They don’t require a fancy editing program, either.

-> Are scalable. They’re also zoomable and won’t lose quality if they’re expanded, resized, or printed at different resolutions.

-> Use an open standard. Anyone can access and implement them. That means a lot of resources and libraries exist out there.
upvoted 5 times

jkaur Most Recent 6 months, 2 weeks ago
correct
upvoted 1 times

Question #36 *Topic 3*

You create and deploy a Power Platform solution that includes synchronous plug-ins.

Users report performance issues with the solution.

You need to determine whether a plug-in is the cause of the performance issues.

Which two tools can you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Tracing

B. Data policies

C. Solution checker

D. ISV Studio

E. Microsoft Dataverse Analytics

Correct Answer: *AC*

Community vote distribution

AE (100%)

MikeAWS 5 months, 3 weeks ago

The correct tools to use are A. Tracing and E. Microsoft Dataverse Analytics.

- Tracing is a feature that can be used to track the execution of code in a Power Platform solution. This can be used to identify performance bottlenecks, such as long-running actions or memory leaks.
- Microsoft Dataverse Analytics is a service that can be used to collect and analyze data from Microsoft Dataverse. This can be used to identify performance issues, such as long-running queries or high CPU usage.

upvoted 2 times

jkaur 6 months, 2 weeks ago

A and E

upvoted 2 times

TOM1000 9 months, 1 week ago

Selected Answer: AE

its A and E - read the links below.

upvoted 3 times

HarshadBhoi 11 months, 3 weeks ago

Selected Answer: AE

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/analyze-performance

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/debug-plug-in

upvoted 4 times

KillaHai 1 year ago

Selected Answer: AE

Tracing allows you to enable logging of plug-in execution in the application logs.
Microsoft Dataverse Analytics allows you to track performance metrics for your solution, including plug-in execution time, which can help you identify any plug-ins that are causing performance issues

upvoted 4 times

Question #37 *Topic 3*

DRAG DROP

-

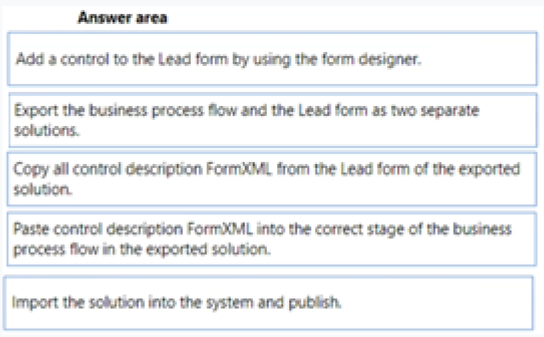
You are creating a model-driven app for users to submit and manage budgets for projects.

You must create a business process flow to ensure any lead with a budget over $10,000 requires approval by a manager. You must add a custom control that allows users to select the estimated budget cost for a project.

You need to add the control to the business process flow.

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

Correct Answer:



jkaur 6 months, 2 weeks ago

correct

upvoted 1 times

chiari_do 9 months, 2 weeks ago

Correct
https://learn.microsoft.com/en-us/power-automate/custom-controls-business-process-flows

upvoted 4 times

Question #38 *Topic 3*

DRAG DROP

-

The engineering team in a company uses a SharePoint list to manage critical technical issues that are raised by clients. Other departments do not have access to this list. Departments use their own apps for their own processes.

All departments must be able to see the total number of client issues at any point in time.

You need to design a component that can be used in all the departmental apps to display the total number of client issues in bold colors.

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

NOTE: Each correct selection is worth one point

Actions

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

Answer area

Correct Answer:

Answer area

- Create a new component in the department app.
- Create a connection to the engineering issues list and retrieve the total number of critical issues.
- Create an output parameter and set the value of the parameter to the total number of critical issues.
- Import the counter component in the other apps from the first department app.

spoke9722 Highly Voted 7 months, 3 weeks ago

It should be:
1. Create a connection ti the engineering issues list and retrieve the total number of critical issues.
2. Create a new component in the department app.
3. Create an output parameter and set the value of the parameter to the total number of critical issues.
4. Create and format a label to display the total number of critical issues.

You just neet to design the component, NOT to add it to other apps.
The request is: You need to design a component that can be used in all the departmental apps to display the total number of client issues in bold colors.

upvoted 13 times

At09 Most Recent 4 months, 4 weeks ago

Create connection...
Create new component..
Create an output parameter..
Create and format label...

upvoted 3 times

chiari_do 9 months, 2 weeks ago

I dont' agree.. I think is "Display and format a label.." instead of "create an output parameter". Isnt'it? it says "in bold colors"

upvoted 2 times

whiteblack 9 months, 2 weeks ago

Correct

upvoted 2 times

Question #39 *Topic 3*

DRAG DROP

-

Case Study

-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

-

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment

-

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier

- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)

• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value

• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting

• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset

• Recruiter
- Recruiter identifier
- Recruiter name

Applications

-

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews

-

Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:

- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant

• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:

- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.

• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues

-

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to configure the columns to store scores and totals.

Which configurations should you use? To answer, drag the appropriate configurations to the correct columns. Each configuration 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.

Configurations

- Whole number + code
- Whole number + rollup
- Whole number + calculation

Answer Area

Column	Configuration
Total Score	Configuration
Number of designations and certifications	Configuration

Correct Answer:

Answer Area

Column	Configuration
Total Score	Whole number + calculation
Number of designations and certifications	Whole number + rollup

markjr 2 months, 1 week ago

I don´t think you can calculate the Score without Code:
You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
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• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

So I would go with
Total Score : Whole Number + Code
Number of Desig and Certs : Whole Number + Rollup

upvoted 4 times

koboj 2 months, 2 weeks ago

correct

upvoted 1 times

Question #40 *Topic 3*

HOTSPOT

-

Case Study

-

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• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You create the following Fetch XML query to determine the number of interviews where there are no recommendations for an applicant.

```
<fetch aggregate='true'>
  <entity name='pro_interview'>
    <attribute name='pro_interviewid' alias='recommend_count' aggregate='count' />
    <filter>
      <condition attribute='pro_recommend' operator='eq' value='1' />
    </filter>
    <link-entity name='pro_application' from='pro_applicationid' to='pro_applicationid' link-type='inner' >
      <link-entity name='contact' from='contactid' to='pro_contactid' >
        <filter>
          <condition attribute='contactid' operator='eq' value='1b315d5d-b436-eb11-a813-000d3a8b6647' />
        </filter>
      </link-entity>
    </link-entity>
  </entity>
</fetch>
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The query meets the requirements for retrieving the count of interviews without recommendations.	○	○
You can modify the query to return counts of interviews with and without recommendations.	○	○
The query allows scheduled interviews for job applications when there are no recommendations for the job applicant.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
The query meets the requirements for retrieving the count of interviews without recommendations.	○	○
You can modify the query to return counts of interviews with and without recommendations.	○	○
The query allows scheduled interviews for job applications when there are no recommendations for the job applicant.	○	○

Zahida Highly Voted 3 months, 4 weeks ago

Yes, Yes, No

upvoted 5 times

markjr 2 months, 1 week ago

I Agree with you, in the table definition we can see that (- Recommend - Choice (Yes (0), No (1), and null (default)) are the available values.

upvoted 1 times

Jorgegf97 3 months, 2 weeks ago

Please can you explain a little Bit more, from my point of view is No, Yes, No. Thx!

upvoted 2 times

svvin 2 months, 2 weeks ago

I think it's because there is
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
in the environment attributes. So 1 means no recommendations.

upvoted 1 times

CP14 Most Recent 3 months, 2 weeks ago

No, Yes, No

upvoted 1 times

Question #41 *Topic 3*

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment -

Environment -

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data -

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.
• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API -

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.

• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements -

Custom connector -

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process -

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to choose a technology to access the Web API.

Which technology should you select?

A. Canvas app that uses the custom connector

B. Plug-in that contacts the Web API

C. Power Automate flow that uses the custom connector

D. Webhook that contacts the Web API

Correct Answer: *A*

Community vote distribution

C (90%) 10%

AlaCh **Highly Voted** 5 months ago

Selected Answer: C

in this case we use a flow with a custom connector so normally the response should be C

upvoted 7 times

SanderDev **Most Recent** 2 months, 4 weeks ago

Selected Answer: C

The case study clearly states the following: The Web API definition used to create the custom connector must be generated based on a low-code technology.

upvoted 2 times

Zahida 3 months, 4 weeks ago

Selected Answer: B
ChatGPT response:
To access the Web API in a way that allows for better error handling and control, you should choose:

B. Plug-in that contacts the Web API

Using a custom plug-in within your application allows you to directly interact with the Web API, and you have more control over error handling and data retrieval. This approach is particularly useful when you need to handle the integration and data access at a more granular level.

Option A (Canvas app that uses the custom connector) is more suitable for user interactions and creating custom experiences.

Option C (Power Automate flow that uses the custom connector) is suitable for workflow automation but may not provide the same level of control as a custom plug-in.

Option D (Webhook that contacts the Web API) is typically used for asynchronous communication and may not be the best choice for direct, synchronous interaction with the Web API.
upvoted 1 times

Question #42 *Topic 3*

A company designs a solution for use in an international organization.

The solution must provide multiple UI languages and currencies.

You need to move components to include them as part of the solution.

Which three component types can you move? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. available UI languages

B. scheduled power automate flow

C. custom entity

D. modified standard security role

E. Currencies enabled in the environment

Correct Answer: *ACE*

Community vote distribution

BCD (100%)

dj74 Highly Voted 5 months ago
Selected Answer: BCD
Power automates, Entities and security roles can be moved with solutions.
UI must be enabled/installed on the environments and curencies added
upvoted 5 times

marimar 1 month, 2 weeks ago
But UI languages you can export in the solution, another thing is that the destination must be enabled for the languages used, but in the solution, it is possible to modify the texts with the different languages. This question is not at all clear to me
upvoted 1 times

Matte_ Most Recent 5 months ago
Correct
upvoted 2 times

ekta25 5 months ago
A. available UI languages
C. custom entity
E. Currencies enabled in the environment
upvoted 4 times

Question #43 *Topic 3*

An organization uses Dynamics 365 Sales. 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 first?

A. Enable field security for the balance field and grant the customer service team read and update permissions.

B. Create a customer service form and role and a business rule that enables the balance field.

C. Enable field security for the balance field and grant the customer service team read permissions.

D. Enable field security for the balance field and grant the accounting team read permissions.

Correct Answer: *C*

Community vote distribution

C (67%) D (33%)

PY12396 2 months, 1 week ago

Selected Answer: C

Answer should be correct. Read permissions only for CS will restrict them editing

upvoted 2 times

markjr 2 months, 1 week ago

Selected Answer: D

It should be D as the question ask: What should you do first and since the first objective is to Restrict users in customer service not on Accounting Team so you should:

D. Enable field security for the balance field and grant the accounting team read permissions.

upvoted 1 times

uday20 2 months, 1 week ago

objective is to Restrict users in customer service from updating the field

upvoted 2 times

CiscoWAU 3 months, 1 week ago

Correcto

upvoted 2 times

Question #44 *Topic 3*

HOTSPOT
-

You create a model-driven app.

You observe that the following issues occur with the app:

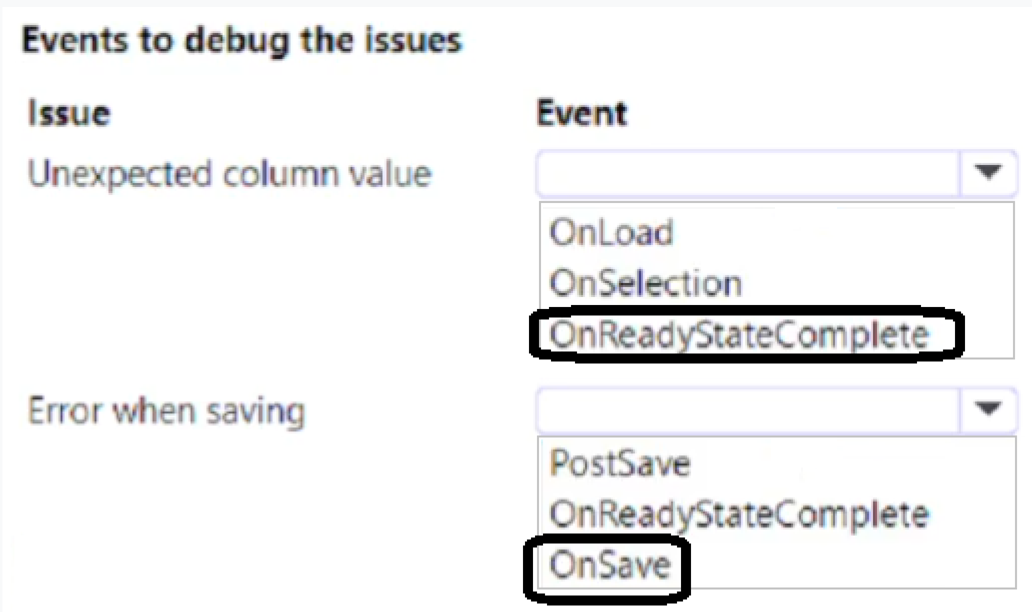
• One custom column displays an unexpected value when a new record is created.
• An error prevents the record from saving.

You need to use the browser to find the root cause of the issues.

Which events should you debug? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Correct Answer:



uday20 2 months, 1 week ago

Model-driven Power Apps can notify your code when certain events happen in the following parts of your apps.

Form
OnLoad – when form loads.
OnSave – when data is saved.
Tab
TabStateChange – when a tab expands or collapses.
Column
OnChange – when data changes in the column and its control loses focus.
IFrame –
OnReadyStateComplete – when the content of IFrame is fully loaded.

upvoted 1 times

SanderDev 2 months, 3 weeks ago

First should be OnLoad, and second one Onsave

upvoted 4 times

koboj 3 months ago

Why not OnLoad?

upvoted 1 times

SanderDev 2 months, 4 weeks ago

I also think it's the OnLoad for the first question

upvoted 1 times

Question #45 *Topic 3*

DRAG DROP

-

You manage a model-driven app.

The forms in the app do not work as expected. You must troubleshoot the form issues.

Code unrelated to an event must continue to run as you troubleshoot.

You need to disable form events to isolate the causes.

Which URL parameters should you use? To answer, move the appropriate URL parameters to the correct events. You may use each URL parameter once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

URL parameters

- DisableFormHandlers
- DisableFormLibraries
- DisableWebResourceControls

URL parameters for events

Event	URL parameter
Form OnLoad	
Column OnChange	

Correct Answer:

URL parameters for events

Event	URL parameter
Form OnLoad	DisableFormHandlers
Column OnChange	DisableFormLibraries

Panda01 3 weeks, 3 days ago

correct

If you use the DisableFormHandlers=true flag, it disables the following event handlers: OnLoad, OnSave, business rule, OnChange, and TabStateChange.

https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/troubleshoot-forms#use-url-parameters-to-disable-various-form-components

upvoted 1 times

Panda01 3 weeks, 3 days ago

Sorry, typo above. answer is

1) DisableFormHandlers
2) DisableFormHandlers

If you use the DisableFormHandlers=true flag, it disables the following event handlers: OnLoad, OnSave, business rule, OnChange, and TabStateChange.

https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/troubleshoot-forms#use-url-parameters-to-disable-various-form-components

upvoted 1 times

Question #46 *Topic 3*

An organization uses Dynamics 365 Sales. 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 first?

A. Enable field security for the balance field and grant the customer service team read permissions.

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

C. Create a customer service form and role and a business rule that enables the balance field.

D. Create an accounting form and role and a business rule that enables the balance field.

Correct Answer: *A*

Topic 4 - Question Set 4

Question #1 *Topic 4*

You have a Microsoft Dataverse entity and a model-driven app. The model-driven app integrates with an external system.
You plan to run business logic each time the model-driven app creates a record. Running business logic must not negatively affect model-driven app users.
You need to implement the business logic.
What should you use?

A. Synchronous plug-in registered in the PreOperation stage

B. Synchronous workflow

C. Asynchronous plug-in registered in the PostOperation stage

Correct Answer: *C*
The asynchronous service executes long-running operations independent of the main Microsoft Dataverse core operation. This results in improved overall system performance and improved scalability.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/asynchronous-service

Community vote distribution
C (100%)

Yuro Highly Voted 2 years, 11 months ago
correct
upvoted 17 times

Sudheer93 Most Recent 5 months ago
In exam - 9/23/2023
upvoted 2 times

jkaur 6 months, 2 weeks ago
correct
upvoted 1 times

PGG 1 year, 3 months ago
Selected Answer: C
Correct, any synchronus method requires additional time to wait for sync. Async just queues the request-response
upvoted 4 times

Dynamic_MD 1 year, 9 months ago
Selected Answer: C
Correct
upvoted 1 times

ThePickOne 2 years, 7 months ago
Correct
upvoted 3 times

rijifa7178 2 years, 8 months ago
korrect
upvoted 2 times

Question #2 *Topic 4*

HOTSPOT -

A company is preparing to go live with their Dynamics 365Sales solution, but first they need to migrate data from a legacy system. The company is migrating accounts in batches of 1,000.

When the data is saved to Dynamics 365 Sales, the IDs for the new accounts must be output to a log file.

You have the following code:

```
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.

Hot Area:

Answer Area

Statement	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.	○	○

Correct Answer:

Answer Area

Statement	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.	◉	○

Box 1: No -

Box 2: Yes -

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

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

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

Box 3: No -

Box 4: Yes -
For example, in a request collection that contains six requests where the third and fifth request return faults, the following table indicates what the Responses collection would contain.
ContinueOnError=true, ReturnResponses=false: 2 response items: 2 have Fault set to a value.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-requests

Shrimp Highly Voted 3 years, 1 month ago
correct
upvoted 22 times

Zahida Most Recent 3 months, 4 weeks ago
N, N, N, Y
upvoted 1 times

Matte_ 5 months ago
Last answer is no since the ReturnResponses is set to false then the requests will not return Andy response.
upvoted 2 times

Panda01 3 weeks, 3 days ago
"However, even when false, the Responses collection will not be empty if errors are returned."

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/org-service/execute-multiple-requests#specify-run-time-execution-options
upvoted 2 times

friik 2 months, 3 weeks ago
Error responses will always be returned. I'm using an implementation of ExecuteMultipleRequest in our solution, and with ReturnResponses = false, I can still check for errors. :-)
upvoted 3 times

Matte_ 5 months ago
The second answer is No since the ReturnResponses is set to false
upvoted 1 times

friik 2 months, 3 weeks ago
Errors are always returned.
upvoted 2 times

yasir24 5 months, 2 weeks ago
NNNN in my opinion.
upvoted 1 times

sadzag 5 months, 2 weeks ago
NNNN
No for all
upvoted 3 times

sadzag 5 months, 2 weeks ago
Correction: NYNY
upvoted 2 times

700157a 6 months, 3 weeks ago
Answer is correct. NYNY
upvoted 1 times

jkaur 2 years ago
No
Yes
No
Yes
upvoted 4 times

wwwtmmm 2 years, 1 month ago
Y,Y,N,N
upvoted 1 times

wwwtmmm 2 years, 1 month ago
I figured out the answer is correct NYNY

upvoted 2 times

Anastasii 2 years, 3 months ago

Correct

upvoted 1 times

Sheena 2 years, 10 months ago

1. 'Yes'

upvoted 1 times

Menwall88 2 years, 6 months ago

'returnresponses' is flagged as false so the guids of the records wont be returned

upvoted 3 times

emregulcan 2 years, 11 months ago

correct. if you want to learn how ExecuteMultipleRequest works and its details, you should take a look to my blog post. It's in Turkish, but you can translate it by using Google Translator to other languages.

https://www.emregulcan.com/microsoft-xrm-sdk-messages-executemultiplerequest/

upvoted 3 times

Hugolini 2 years, 6 months ago

'returnresponses' is flagged as false so the guids of the records wont be returned

upvoted 1 times

Question #3 *Topic 4*

DRAG DROP -

You are creating a business process flow for an organization's Request for Quote process.

You need to ensure that the business process flow meets the company's requirements.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes to scroll to view content. Select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Components

- Step
- Stage
- Custom control
- Branching condition

Requirement	Component
The process starts with the receipt of the request for quote.	
Ensure that credit checks are performed for new users only.	
Merge all process paths into the main flow.	

Correct Answer:

Answer Area

Components

- Step
- Stage
- Custom control
- Branching condition

Requirement	Component
The process starts with the receipt of the request for quote.	Step
Ensure that credit checks are performed for new users only.	Branching condition
Merge all process paths into the main flow.	Stage

Box 1: Step -

Each step represents a field where data can be entered.

Stages tell you where you are in the process, while steps are action items that lead to a desired outcome.

Box 2: Branching condition -

You can enhance a business process flow with branching. If you have the create permissions on business process flows, you'll be able create business process flow with multiple branches by using the If-Else logic.

Box 3: Stage -

Each stage contains a group of steps.

Incorrect Answers:

You can use custom controls to add rich visualizations (such as sliders, radial knobs, the LinkedIn control, and more) to business process flows steps and deliver engaging experiences to those who use your business process.

Reference:

https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview https://docs.microsoft.com/en-us/power-automate/enhance-business-process-flows-branching

Zied_FER Highly Voted 2 years, 10 months ago

correct answer

upvoted 9 times

BunkMoreland Highly Voted 2 years, 5 months ago

Shouldn't first one be Stage ? It would make sense that the stage should be called 'Receipt' which is the start of the process

upvoted 5 times

ETU69 2 years, 4 months ago

IMO: The 'Quote' (Entity) is the starting 'Stage' and 'Receipt' will be a 'Step' in this 'Stage'. So, answer is correct 1 is 'Step'.

upvoted 11 times

jkaur Most Recent 6 months, 2 weeks ago

CORRECT

upvoted 1 times

juan54 1 year, 4 months ago

CORRECT

upvoted 2 times

Anastasii 2 years, 3 months ago

Correct

upvoted 5 times

Yuro 2 years, 11 months ago

correct answ

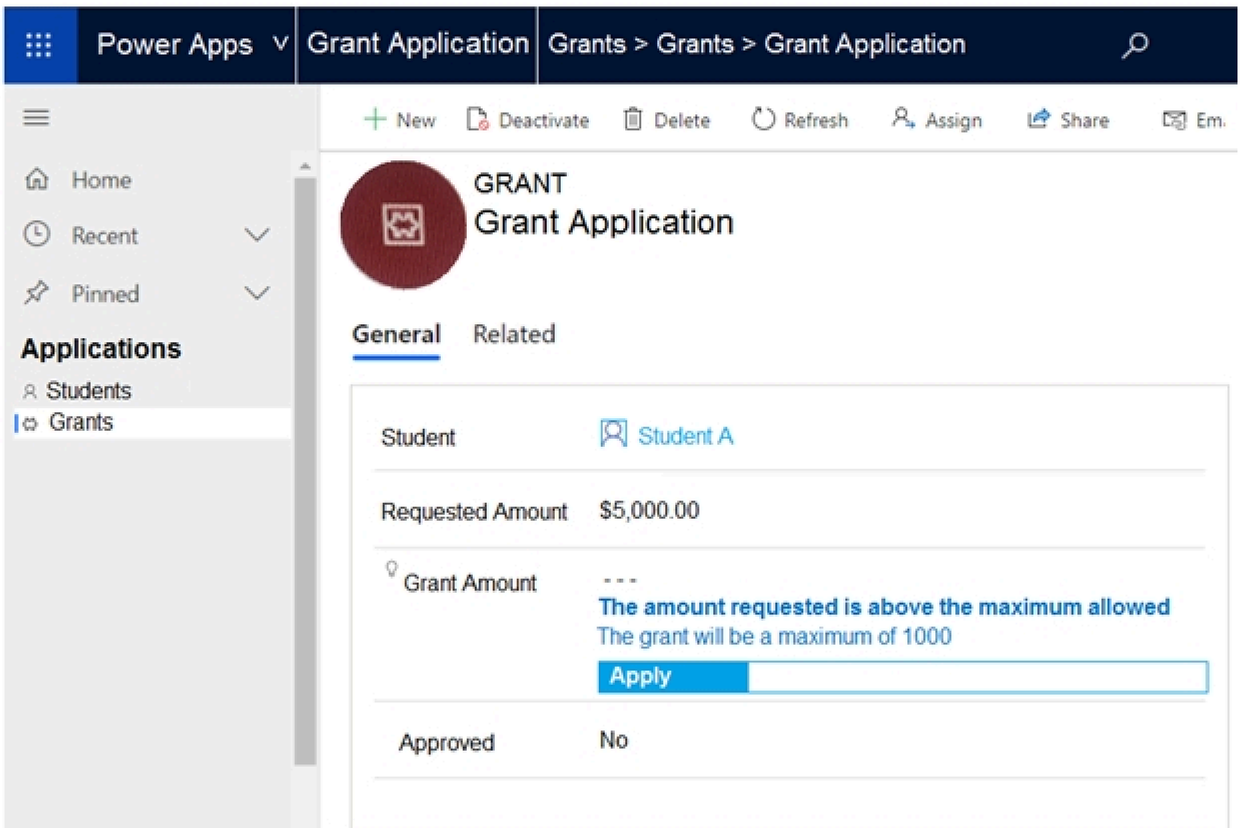
upvoted 3 times

Question #4 *Topic 4*

HOTSPOT -

A university manages grant applications using a model-driven app.

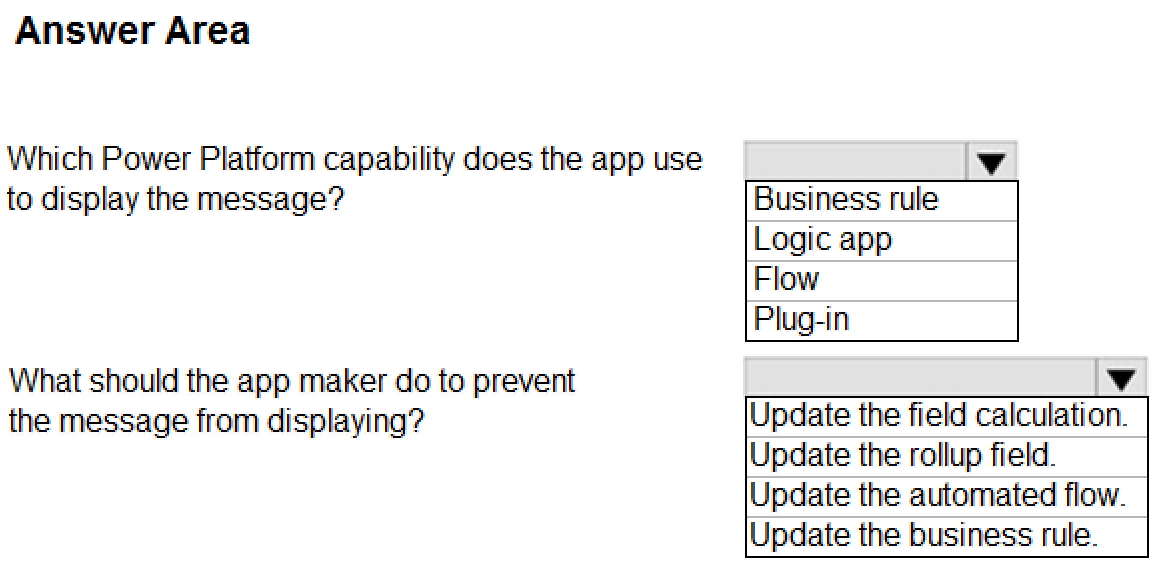
Users report that the message on the Grant Application screen is outdated. The screen shows the following:



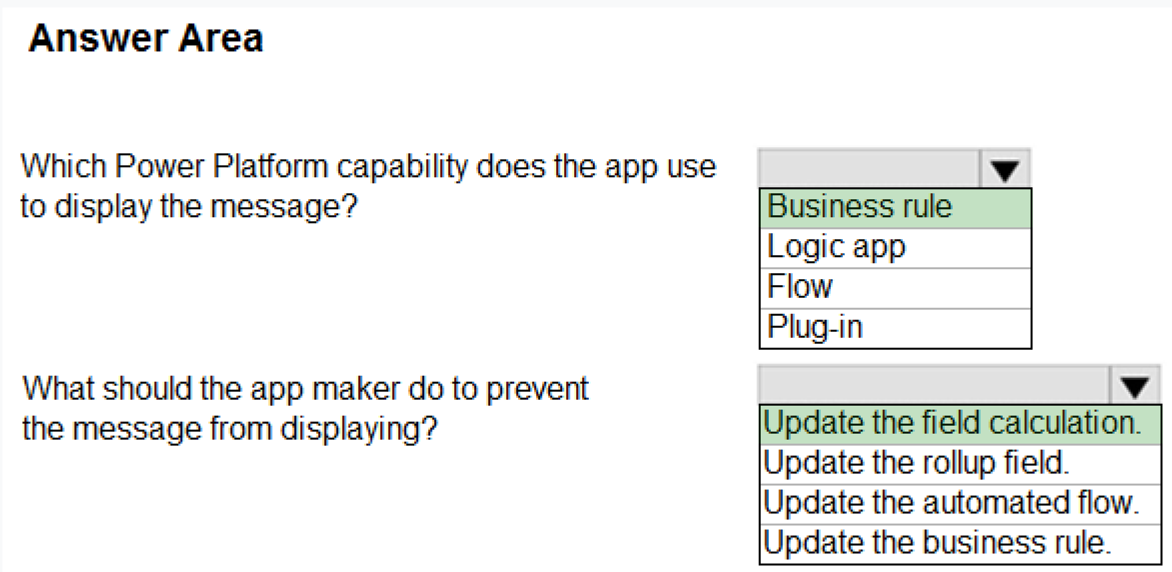
Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Reference:

https://www.loganconsulting.com/blog/how-use-power-automate-trigger-workflows-microsoft-dynamics-crm/

bertieblue Highly Voted 3 years, 1 month ago

Should the second answer be 'Update the Business Rule' ? There is no mention of a calculated field in the question and the screenshot just looks like a field recommendation applied by a business rule

upvoted 98 times

TechieBloke Highly Voted 3 years, 1 month ago

I think as well, update the business rule. Nothing to do with calculation. The business rule says that max 1000 so that needs to be updated.

upvoted 34 times

jkaur Most Recent 6 months, 2 weeks ago
Business Rule
Update the Business Rule
upvoted 2 times

juan54 1 year, 4 months ago
Should be A & D for me :
- "Business Rule" and then of course "Update Business Rule" to apply the new rule
upvoted 1 times

Violoncello 1 year, 7 months ago
There is not enough information to determine which part of the message is in error.
upvoted 4 times

Anastasii 2 years, 3 months ago
I believe the right answers are: business rule, update the business rule.
Other options don't make sense in the current context.
upvoted 5 times

moe091618 2 years, 3 months ago
"Grant Application screen is outdated", watch the word "outdated" which means the business rule is correct, but the field is not being updated to meet the business rule.
The correct answer is "A,A"
upvoted 3 times

Ram5566 2 years, 3 months ago
Are u sure??
upvoted 1 times

Krizmere 1 year, 11 months ago
No you are incorrect. This isn't a wording issue, the images clearly show that 5000 amount is OVER the 1000 limit, changing the calculation and having the field update won't change this value or the requirement. You need to update the business rule.
upvoted 2 times

kvinal 2 years, 8 months ago
The second answer should be 'Update the Business Rule'.
Seems like the Recommendation control was used to show the message.
upvoted 4 times

CDDT 2 years, 10 months ago
Second is wrong, why set a calculated filed logich when already exists the expression logic "greater than" inside BR components ?
upvoted 2 times

Yuro 2 years, 11 months ago
it should be business rule, update business rule
upvoted 8 times

Pragatibxr 3 years ago
correct
upvoted 3 times

Question #5 *Topic 4*

A manufacturing company uses a Common Data Service (CDS) environment to manage their parts inventory across two warehouses modeled as business units and named WH1 and WH2.
Data from the two warehouses is processed separately for each part that has its inventory quantities updates. The company must automate this process, pushing inventory updates from orders submitted to the warehouses.
You need to build the automation using Power Automate flows against the CDS database. You must achieve this goal by using the least amount of administrative effort.
Which flow or flows should you recommend?

A. Two automated flows with scope Business Unit, with triggers on Create/Update/Delete on orders.

B. Two automated flows with scope Business Unit, with triggers on Create/Update/Delete and each flow filtering updates from each business unit.

C. Two scheduled flows, each querying and updating the parts included in orders from each business unit.

D. One scheduled flow, querying the parts included in orders in both business units.

E. One automated flow, querying the orders in both business units.

F. Two scheduled flows, each querying the orders from each business unit.

G. Two automated flows with scope Organization, with triggers on Create/Update/Delete and filters on WH1 and WH2.

H. Two automated flow with scope Business Unit, with triggers on Create/Update/Delete on orders and filters on WH1 and WH2.

Correct Answer: *H*
With the Common Data Service connector, you can create Power Automate flows that are initiated by create and update events within Dataverse. Additionally, you can perform create, update, retrieve, and delete actions on records within Dataverse.
You can use scopes to determine if your flow runs if you create a new record, if a new record is created by a user within your business unit, or if a new record is created by any user in your organization.
Reference:
https://docs.microsoft.com/en-us/power-automate/connection-cds

Community vote distribution
A (100%)

CaptainAR Highly Voted 2 years, 10 months ago
It should be E. although the answer is poorly worded, eg doesn't explain how the flow gets triggered or what it's supposed to do. having 1 flow is the least administrative option. I'm yet to see need to split into two separate flows, at the end of the day it's just to update inventory quantities, no specific logics required for each warehouses.
Even with assuming there are specific logics required for WH1 and WH2, it can be handled by using Condition.
upvoted 26 times

Hendrikdb 2 years, 4 months ago
G
Having one flow doesn't make it less work. You will need specific conditions determining the source while at the business unit scope, we already have the source. It is maybe not scalable, but it is definitely the least amount of work
upvoted 2 times

Hendrikdb 2 years, 4 months ago
So correct answer is H
upvoted 4 times

CDDT Highly Voted 2 years, 10 months ago
H is correct, The scope criteria works on the Power Automate owner(s) security profile or on the User security profile invoked On behalf of Power Automate owner. In any case the flow are two, so there isn't issue about scope limits, you can set two different "service" users that belong to different BU: WH1 the first, WH2 the second. Now you can ensure that the data come from the correct BU using filtering actions.
upvoted 22 times

Violoncello 1 year, 7 months ago
H specifies scope of Business Unit. Therefore, one flow sees only WH1, and the other sees only WH2. Filters seem unnecessary.
upvoted 2 times

baughfell 1 year, 7 months ago
Precisely - that's why the aswwer is A. A is the same as H but without the filtering!
upvoted 2 times

markjr Most Recent 2 months, 1 week ago

Selected Answer: A

A/H - These are correct but "Filters are not necessary" if you are setting the Automated flow to with scope Business Unit, so the A is the easiest to set.

upvoted 1 times

jkaur 6 months, 2 weeks ago

H is correct

upvoted 1 times

MarioM 1 year, 5 months ago

Selected Answer: A

Seems A is the least efforts

upvoted 2 times

Kepty 1 year, 5 months ago

Selected Answer: A

A/H - Filters are not necessary so the A is the easiest to set.

upvoted 2 times

Violoncello 1 year, 7 months ago

H sounds good, except filters are not necessary: one business unit uses WH1 and the other uses WH2. No other warehouses are mentioned. I vote A in this case.

upvoted 2 times

KAL18 2 years, 3 months ago

IMO, data is processed separately because there was no automation. Least administrative efforts is also a requirement. So, when company would go for automating the process, there is no reason (not mentioned) why they can't achieve the automation using a single Flow.

upvoted 1 times

BunkMoreland 2 years, 5 months ago

Should be E.
However, it is possible to have 2 flows - one flow for each BU with scope set to Business Unit. But I'm thinking later on when they increase in number of warehouses? Are we gonna create another flow and also another BU service user each time ?

upvoted 3 times

luvasgloves 2 years, 5 months ago

Answer is G. If we set both flows to trigger on 'Business Unit' it will only run for records with the same Business Unit of the owner user of the flow (and this user can belong only to WH1 or to WH2). So we need to set the scope to Organization, and use filters to set the correct WHs.

upvoted 1 times

> **luvasgloves** 2 years, 5 months ago
>
> edit: triggering on 'Business Unit' would work if we create one flow with owner belonging to WH1 and the other flow with owner belonging to WH2. however question doesnt say anything about that
>
> upvoted 1 times

Rabel_ 2 years, 8 months ago

Why not A?

upvoted 5 times

BananaYummy 2 years, 9 months ago

Automated or schedule? Automated (company must automate this process)
1 flow or 2 flows? 2 flows (Data from the two warehouses is processed separately)
Scope Business or Org? Business
Filter or no filter? Filter(Flow 1: Trigger on Orders table with filter on WH1, Flow 2: Trigger on Orders table with filter on WH2)
Answer is H

upvoted 9 times

> **Violoncello** 1 year, 7 months ago
>
> Flow 1: Trigger on Orders (it only sees WH1, no filter required). Flow 2: Trigger on Orders (it only sees WH2, no filter required).
>
> upvoted 1 times

TestingCRM 2 years, 10 months ago

Agree with @CaptainAR, it should be E.

upvoted 1 times

saadnadir 2 years, 11 months ago

G is the correct answer,

for Automate flows, the scope can be defined at the business unit level.
Warehouses are configured as business units in the system.
The owner of the flow (generally the customize) cannot be part of the 2 business units at the same time, means that the Flow should be scoped at the Organization level

upvoted 3 times

cnsk 2 years, 11 months ago

I would say correct answer is A, because you can't set filter on business units, only on columns and rows. (https://docs.microsoft.com/en-us/power-automate/connection-cds-native)

upvoted 6 times

Yuro 2 years, 11 months ago

D is correct because there are 2 BUs and if with 2 flows set on BU scope will do the job.

upvoted 2 times

Yuro 2 years, 11 months ago

sry, mean A

upvoted 4 times

paulojorge 2 years, 12 months ago

Why two? Tomorrow they have one more warehouse, and will create other flow?

upvoted 6 times

Question #6 Topic 4

HOTSPOT -

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

You have the following expressions:

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

You need to identify what each expression is doing.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Expression	Action
1	Return the statuscode at runtime. Return the output to the statuscode at runtime. Return the Get_Item at runtime.
2	Return MyScope as all the action items. Return all the variables from all actions from MyScope. Return all the results from all actions from MyScope.

Correct Answer:

Answer Area

Expression	Action
1	**Return the statuscode at runtime.** Return the output to the statuscode at runtime. Return the Get_Item at runtime.
2	Return MyScope as all the action items. Return all the variables from all actions from MyScope. **Return all the results from all actions from MyScope.**

Box 1: Return the statuscode at runtime.

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

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

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

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

Reference:

https://powerusers.microsoft.com/t5/Building-Flows/How-to-determine-status-code-for-a-condition/td-p/355653

https://blogs.msmvps.com/windsor/2019/04/25/microsoft-flow-error-handling/

CinthiaN Highly Voted 2 years ago

IMO - This is correct

upvoted 8 times

At09 Most Recent 5 months ago

This is correct

upvoted 1 times

jkaur 6 months, 2 weeks ago
correct
upvoted 1 times

Violoncello 1 year, 7 months ago
Pseudo-code in its most generic format. So, it's theoretically correct.
upvoted 2 times

dfretyhg 1 year, 8 months ago
Looks good to me
upvoted 2 times

Jnicosia 2 years, 1 month ago
IMO Correct
upvoted 4 times

Question #7 *Topic 4*

HOTSPOT -

A clothing store uses Power Apps apps to interact with customers. Customer data is stored in Microsoft Dataverse.

The store offers discounts for customers. You assign a group discount to all customers in a category. Applicable group discounts are added to any customer- specific discounts. Discount information is stored in the following columns:

Information type	Column
Group discount	store_groupdiscount
Personal discount	store_personaldiscount
Total discount	store_totaldiscount

If the total discount on an order exceeds 30 percent, a manager must approve the order before the order is fulfilled and delivered.

You need to create a flow that notifies managers when approvals are required.

How should you configure the flow trigger? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Trigger setting	Configuration
Filtering attribute	store_groupdiscount store_personaldiscount store_totaldiscount
Trigger condition	@add(store_personaldiscount, store_groupdiscount) gt 30 @greater(add(triggerBody()?[‘body/store_personaldiscount’], triggerBody()?[‘body/store_groupdiscount’]), 30) @greater(add(triggerOutputs()?[‘body/store_personaldiscount’], triggerOutputs()?[‘body/store_groupdiscount’]), 30)

Correct Answer:

Answer Area

Trigger setting	Configuration
Filtering attribute	store_groupdiscount store_personaldiscount store_totaldiscount
Trigger condition	@add(store_personaldiscount, store_groupdiscount) gt 30 @greater(add(triggerBody()?[‘body/store_personaldiscount’], triggerBody()?[‘body/store_groupdiscount’]), 30) @greater(add(triggerOutputs()?[‘body/store_personaldiscount’], triggerOutputs()?[‘body/store_groupdiscount’]), 30)

Box 1: store_totaldiscount -

If the total discount on an order exceeds 30 percent, a manager must approve the order before the order is fulfilled and delivered.

Box 2: @greater(add(triggerBody()..

When to use triggerBody() ? ג€" When you want to fetch attributes from the body of the trigger.

Incorrect Answers:

When to use triggerOutputs() ? ג€" Whenever you need to access anything from within the body as well as some info from the header as well.

Reference:

https://d365demystified.com/2020/09/06/using-triggerbody-triggeroutput-to-read-cds-trigger-metadata-attributes-in-a-flow-power-automate/

northstar88 Highly Voted 1 year, 5 months ago

The question did not explicitly specify how Total Discounts amount was calculated. Assuming it's Personal + Group discount, I think:
Filtering Attribute is correct (store_totaldiscount)
Trigger Condition should be number 3 (@greater(add(triggerOutputs()?['body/store_personaldiscount'],triggerOutputs()?

['body/store_groupdiscount']), 30).

"The reason this we write “body/RunAsSystemUserId” is because in the JSON structure of the complete Outputs of the CDS Connector, you'll see that RunAsSystemUserId attribute lies inside body in the JSON.
Whereas in terms of triggerBody() above, we are reading attributes from the “body” itself."

https://d365demystified.com/2020/09/06/using-triggerbody-triggeroutput-to-read-cds-trigger-metadata-attributes-in-a-flow-power-automate/
upvoted 8 times

MarioM 1 year, 5 months ago
Correct - should be TriggerOutputs(), - as body is used in retrieving attribute path.
upvoted 7 times

No_Doubt Highly Voted 1 year, 3 months ago
Trigger condition: option 3 is the right answer

If we say we want to use triggerBody(), the syntax should be:
(@greater(add(triggerBody()?['store_personaldiscount'],triggerBody()?['store_groupdiscount']), 30)
upvoted 7 times

At09 Most Recent 5 months ago
Answer is C and C
upvoted 1 times

jkaur 6 months, 2 weeks ago
should be :-
c
c
upvoted 1 times

DummyTest1 8 months ago
Trigger condition should always be like triggerOutputs()?['body. So second answer is wrong
upvoted 1 times

Viju1989 1 year ago
TriggerBody will use in Manual Flow and TriggerOutput will use in Automated flow so as I understand TriggerOutput coz while adding or modified of Discount column Automated Flow trigger (Replayed after tested in Flow)
upvoted 1 times

Question #8 *Topic 4*

DRAG DROP -

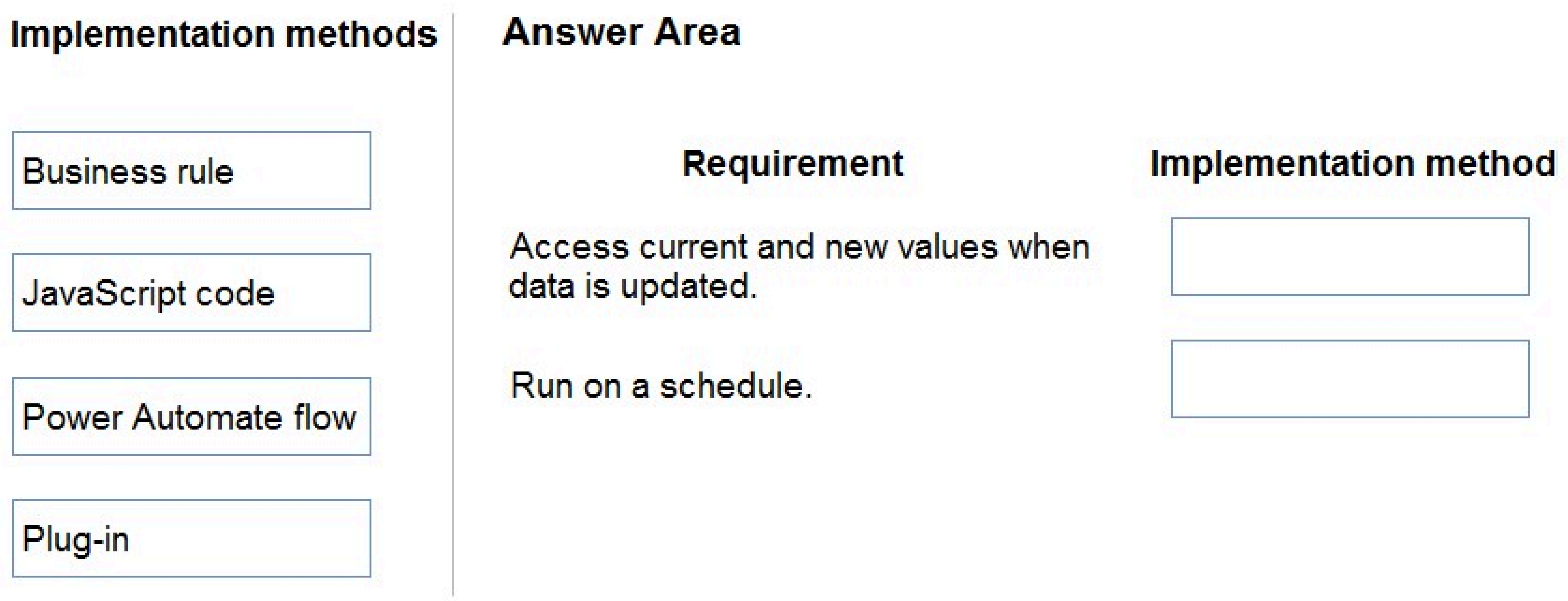
You are creating technical designs for several complex business processes.

You need to implement custom business logic based on the requirements.

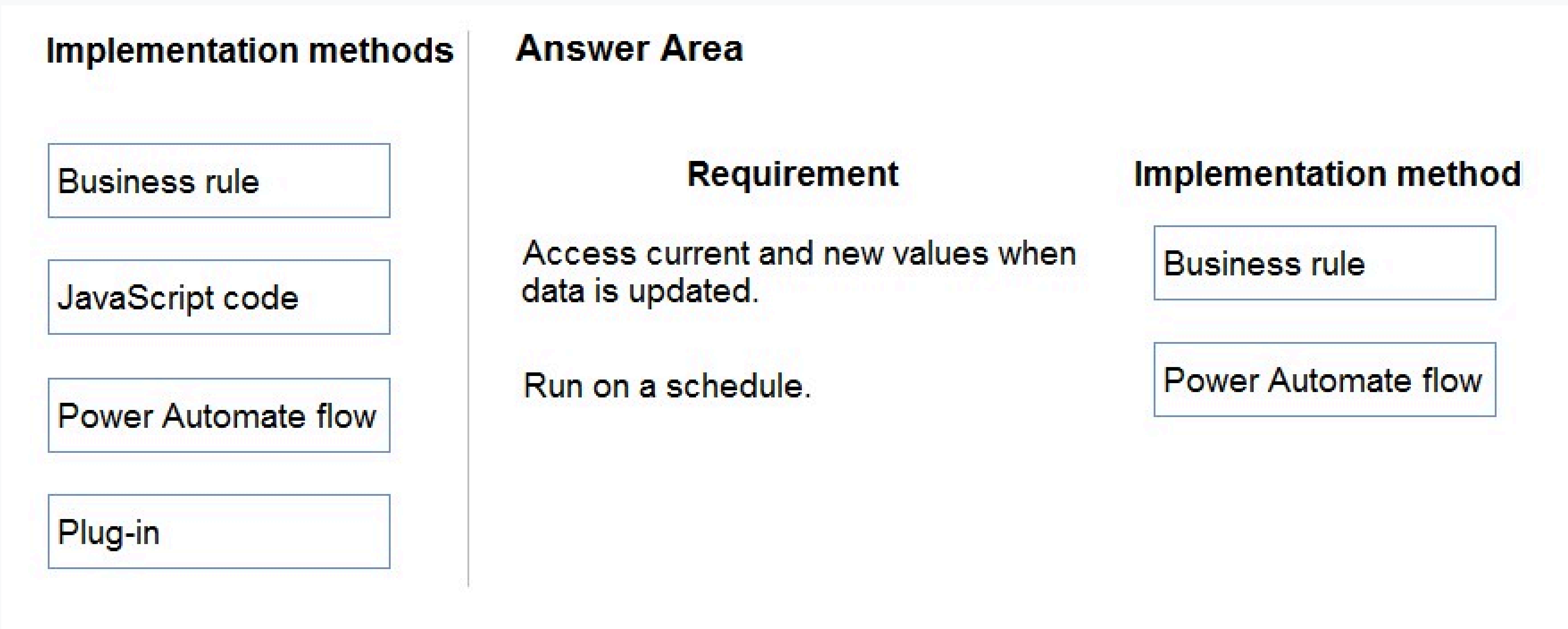
Which implementation methods should you use? To answer, drag the appropriate implementation methods to the correct requirements. Each implementation method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: Business rule -

You can create business rules and recommendations to apply logic and validations without writing code or creating plug-ins. Business rules provide a simple interface to implement and maintain fast-changing and commonly used rules.

By combining conditions and actions, you can do any of the following with business rules:

- Set column values
- Clear column values
- Set column requirement levels
- Show or hide columns
- Enable or disable columns
- Validate data and show error messages
- Create business recommendations based on business intelligence.

Box 2: Power Automate flow -

You can create a cloud flow that performs one or more tasks (such as sending a report in email):

- Once a day, an hour, or a minute
- On a date that you specify

➾ After a number of days, hours, or minutes that you specify
Reference:
https://docs.microsoft.com/en-us/power-automate/run-scheduled-tasks

northstar88 Highly Voted 1 year, 5 months ago
Isn't first box supposed to be plugin?
upvoted 22 times

Flatternschuchtern 1 year, 5 months ago
Yes it is
upvoted 5 times

juan54 Highly Voted 1 year, 4 months ago
Plugin : to get the PRE and POST values
upvoted 11 times

At09 Most Recent 5 months ago
Plugin and power automate
upvoted 2 times

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 1 times

jkaur 6 months, 2 weeks ago
Plugin
Power Automate Flow
upvoted 3 times

700157a 7 months ago
Plugin
Power Automate Flow
upvoted 2 times

NewGeneration 1 year, 2 months ago
Plugin
Power Automate
upvoted 6 times

CRMBug 1 year, 3 months ago
Plugin
Power Automate
upvoted 4 times

No_Doubt 1 year, 3 months ago
Access current and new values when data is updated, PLUGIN!
upvoted 4 times

Question #9 *Topic 4*

You create a Power Automate flow that retrieves data from a proprietary database.
You need to ensure that the flow works for other users.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Share a view with users.

B. Share the custom connector with users.

C. Share the flow with users.

D. Share the environment by giving permissions to the users.

Correct Answer: *BC*
Share the flow and the custom connector with users.
B: Share a custom connector in your organization.
If you have a custom connector, you might want to enable other people to use it. People within your organization can use the custom connector just like they use other Microsoft-managed connectors.
C: Also share the flow.
Reference:
https://docs.microsoft.com/en-us/connectors/custom-connectors/share

Community vote distribution
BC (55%) CD (45%)

Kline Highly Voted 7 months, 3 weeks ago
Selected Answer: BC
This one for sure
upvoted 5 times

PGG Highly Voted 1 year, 3 months ago
Why not C&D as answer? They don't say custom connector is needed but surely with D they will gain DDBB access
upvoted 5 times

ekta25 Most Recent 5 months ago
Share the flow with users: Sharing the flow with other users allows them to access and use it.
Share the custom connector with users: Sharing the custom connector ensures that other users can utilize it.
upvoted 1 times

At09 5 months ago
Answer is B and C
upvoted 1 times

AlaCh 5 months ago
Selected Answer: CD
we should access to data on environment and the flow. So for me it is C and D
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
BC are correct answers.

B. Share the custom connector with users: If your flow is using a custom connector to connect to a proprietary database, you need to share the custom connector with other users who need to access the same data source. Custom connectors can be shared within your environment.

C. Share the flow with users: You should share the flow itself with other users so they can access and run it. Sharing the flow allows other users to use the automation you've created.
upvoted 2 times

jkaur 6 months, 2 weeks ago
should be bc
upvoted 1 times

ziggy1117 7 months ago
Selected Answer: BC
BC for sure

upvoted 1 times

DummyTest1 8 months ago

Selected Answer: CD

I agree with C and D. Without sharing the environment and user can't run a flow. Hence It should be C and D. There is nothing mentioned about custom connector as well. We can't really resume proprietary refers as custom connector

upvoted 4 times

SashM 1 year, 1 month ago

B and C are correct.

upvoted 2 times

xat98 1 year, 3 months ago

Cant be A & D , with A , sharing the view won't help and with D , one won't like to share everything that is in the environment apart from the flow

upvoted 3 times

Question #10 *Topic 4*

An organization implements Dynamics 365 Sales.
You need to trigger a business rule when the main form in saved.
What should you do?

A. Write a business rule to trigger on a change of ModifiedOn field.

B. Set the scope of the business rule to one specific form where business rule triggers.

C. Set the scope of the business rule to All Forms.

D. Set the scope of the business rule to Entity.

Correct Answer: *D*
Set scope of business rule to "Entity" instead of "All Form". This will trigger it on server side.
Reference:
https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/dn481574(v=crm.8)

Community vote distribution
D (62%) B (38%)

gallego82 Highly Voted 2 years, 11 months ago
The correct answer is "D" as indicated in the official Microsoft documentation in the first paragraph of limitations:
"Business rules run only when the form loads and when field values change. They do not run when a record is saved, unless the scope for the rule is set at an entity level."
Source: https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/admins-customizers-dynamics-365/mt826761(v=crm.8)?redirectedfrom=MSDN#limitations
upvoted 51 times

justraj 2 years, 9 months ago
but this will trigger on all forms, but the question is about main form only
upvoted 7 times

TKMod 2 years, 1 month ago
the question doesn't say "only". It only says on main form. this doesn't exclude other forms. It has to be D because all other options will not trigger any save-events. D would run on server and therefore it will run after somesone saved the form.
upvoted 2 times

Robbie2020 Highly Voted 3 years, 1 month ago
In a very strong field this is the worst question I've seen in one of these exams.
upvoted 30 times

markjr Most Recent 2 months, 1 week ago
Selected Answer: D
Correct
upvoted 1 times

At09 5 months ago
ANSWER IS d
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
The correct answer is B. Set the scope of the business rule to one specific form where business rule triggers.

Here are the reasons why:

To trigger a business rule when the main form is saved, you need to set the scope of the business rule to the specific form. This will ensure that the business rule is only triggered when the form is saved.
If you set the scope of the business rule to All Forms, the business rule will be triggered whenever any form is saved. This is not what you want in this case.
Setting the scope of the business rule to Entity will not trigger the business rule when the form is saved. The entity scope is used to trigger business rules when an entity is created, updated, or deleted.
upvoted 1 times

jkaur 6 months, 2 weeks ago
correct answer is "D"
upvoted 1 times

Domki98 9 months, 1 week ago

Selected Answer: D
Just carefully read the text... Yeah it says "when the main form..." but it doesn't say "only" so just stick with the D and have an amazing day! :D
upvoted 4 times

crushy 11 months, 3 weeks ago
By the way: You can just say "All Forms" and not choose a specific form. So I'll go with 'D'...
upvoted 1 times

Fyrus 1 year ago
Selected Answer: B
The questions specifically say that it should run only in the main form.
upvoted 2 times

markjr 2 months, 1 week ago
Where do you see the word "only"?
upvoted 1 times

SashM 1 year, 1 month ago
Selected Answer: B
Need to trigger only on Main form. so B is correct.
Scope: The scope of the business rule determines which forms the business rule will be applied. You set the scope, according to the following:

If you select this item...

The scope is set to...

Specific form (account Main Form, for example)
Just that form
Reference : https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/create-business-rules-recommendations-apply-logic-form#create-a-business-rule-or-business-recommendation
upvoted 3 times

Violoncello 1 year, 7 months ago
This is a bad question. If business rules are limited and can't accurately respond to the ask, I'll write a JavaScript function "MainForm_OnSave" and apply it to the OnSave event of the main form.
upvoted 1 times

Violoncello 1 year, 7 months ago
Alternatively, both A and B have to be applied: set scope to the main form, trigger when the modifiedon date changes.
upvoted 2 times

Flatternschuchtern 1 year, 5 months ago
Whatcha gonna do if Modified On not on a form? :D
upvoted 1 times

CinthiaN 2 years ago
Selected Answer: D
The primary scenarios for working with the process trigger entity are:
1. Clone a business rule that is applied to one or more forms to another form.
2. Modify a business rule that is applied to one or more forms so that it applies to all forms.
3. Modify a business rule that is applied to all forms so that it applies only to one or more specific forms.
4. Register a business rule to be applied on the Save event.
upvoted 3 times

Anastasii 2 years, 3 months ago
Without any doubt, the correct answer is D.
upvoted 3 times

rrodriguez 2 years, 9 months ago
the correct answer is "B" -----> "When de MAIN FORM is saved"
upvoted 4 times

ETU69 2 years, 4 months ago
You can set the scope of a BR to 'Specific form' which will set the scope to 'Just that form'.
I would go for 'B' based on Microsoft documentation.
https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/create-business-rules-recommendations-apply-logic-form#create-a-business-rule-or-business-recommendation
upvoted 2 times

KenCraw 2 years, 9 months ago
Everyone is strongly voting "D", but I am going to side with my "B" brothers. Setting it to Entity would set it to all forms (technically right, as would run on main, but not ONLY main), and the question is asking about the main form. I am going to err that they won't specify, unless they want answer specified as well, So I stand by "B"

Just take a look: https://ledgeviewpartners.com/blog/3-business-rule-scopes-in-microsoft-dynamics-365-crm-and-how-they-apply/

upvoted 4 times

KenCraw 2 years, 9 months ago

Really hate this question, If it is true that: "Business rules run only when the form loads and when field values change. They do not run when a record is saved, unless the scope for the rule is set at an entity level." (As per malyaban's comment) Then it has to be "D" (Hate the wording on these questions, apologies for above comment/confusing)
(Moderator, fee free to delete both comments if you see)

upvoted 2 times

Puneet80 2 years, 11 months ago

ANSWER IS D - https://community.dynamics.com/365/sales/f/dynamics-365-for-sales-forum/396136/triggering-business-rule

upvoted 1 times

Dean0918 2 years, 11 months ago

B is corrrect.
Even set to entity, if we don't save the record, the BR will be triggered as well, So D is not correct.

upvoted 4 times

Question #11 *Topic 4*

A company implements Dynamics 365 Sales.
An email notification must be sent automatically to the sales manager when a business process completes.
You need to ensure that emails are sent.
What should you create on the process completed trigger?

A. a workflow

B. an action step

C. a data step

Correct Answer: *A*
When you include a workflow that you want to trigger on Stage Exit of a stage in your business process flow, and that stage is the last stage in the flow, the designer gives the impression that the workflow will be triggered when that stage is completed.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/business-process-flows-overview

Community vote distribution

A (100%)

At09 5 months ago

Answer is A

upvoted 1 times

jkaur 6 months, 2 weeks ago

correct

upvoted 1 times

DimpleG 1 year ago

Selected Answer: A

In Dynamics 365 Sales, you can create a workflow to automate the sending of an email notification when a business process completes. Workflows can be triggered by specific events or conditions and can perform a variety of actions, including sending emails.

By creating a workflow with a process completed trigger, you can ensure that an email notification is automatically sent to the sales manager each time the business process completes

upvoted 2 times

PGG 1 year, 3 months ago

Selected Answer: A

Correct, sending email need several steps so it needs a workflow

upvoted 2 times

Question #12 *Topic 4*

You create a Power Virtual Agents chatbot in an environment named Environment1. A colleague creates a Power Automate flow in the default solution in the default environment.
The chatbot in Environment1 does not recognize the flow in the default environment.
You need to ensure the chatbot can access the flow.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Add the Power Automate flow to a solution in Environment1.

B. Send a copy of the Power Automate flow from the default environment.

C. Add the Power Automate flow to a solution in the default environment.

D. Export the solution from the default environment and import the solution into Environment1.

E. Share the Power Automate flow from the default environment.

Correct Answer: *AE*
E: The flow needs to be shared as it was created by another person.
A: To be available to your bots, flows must be stored in a solution in Power Automate. If you do not want to use the Default Solution for this purpose, you can move your flows to another solution.
Incorrect Answers:
C: The flow is already in the default solution in the default environment.
D: You move the flow, not export and import the solution.
Reference:
https://docs.microsoft.com/en-us/power-virtual-agents/environments-first-run-experience

Community vote distribution
CD (89%) 5%

S41 Highly Voted 2 years, 7 months ago
My answer C & D. First add flow to a solution in the default environment and then export that solution and import it to the Environment 1 so that the PVA can recognize the flow
upvoted 30 times

Eskape 2 years, 5 months ago
D and then A. Why C? it's already in the default environment.
upvoted 7 times

fihemal249 2 years, 2 months ago
Therefore A & E are correct
upvoted 3 times

getazusername 2 years, 4 months ago
Its already in the default env, but you need to add it to a solution for export and import them. so i think c is correct.
upvoted 7 times

PGG 1 year, 3 months ago
C can't be right, it's already in the default solution of default enviroment, Enviroment1 still needs the flow in one solution of it
upvoted 4 times

RichardMa 2 years, 2 months ago
the Flow be created at default environment is not able to add a solution
upvoted 2 times

originalwitness Highly Voted 2 years, 5 months ago
I would say A & D. The flow needs to be in the same environment as the chat bot.
upvoted 16 times

markjr Most Recent 2 months, 1 week ago
Selected Answer: CD
CD
1) Add the flow to the solution (yes, it is already in a solution but in DEFAULT solution. We do not want to export default solution...)
2) Export this solution and import it into Environment1.
upvoted 1 times

smwadi 4 months ago

Selected Answer: AB

You can't create solution in default environment. So A&B

upvoted 1 times

At09 5 months ago

C and D

upvoted 1 times

Darsh_001 5 months, 1 week ago

The answer should be DE.
As the question said the flow is already in default solution in default environment so we do not need to add it in any solution.
We need share the flow as it is created by other person
We need to export it from default environment and import it in environment1

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

AD are correct answers.

Here are the reasons why:

To make the Power Automate flow available to the chatbot in Environment1, you need to export the solution that contains the flow from the default environment and import it into Environment1. This will make the flow available to all of the chatbots in Environment1.
You also need to add the Power Automate flow to a solution in Environment1. This will make the flow available to the specific chatbot that you want to use it with.

upvoted 1 times

andresleonz 5 months, 3 weeks ago

I agree with you about D. However, before you export the solution from default environment, you should create a solution to add the flow, therefore I would say the option C instead of A. Lastly I'll go for CD.

upvoted 1 times

jkaur 6 months, 2 weeks ago

should be c and d

upvoted 1 times

ziggy1117 7 months ago

Selected Answer: AD

D - Put flow in the new environment (Environment 1)
A - Add the flow in a solution

upvoted 1 times

NewGeneration 1 year, 2 months ago

Selected Answer: CD

You can export and import bots using solutions so you can move your bots across multiple environments.
https://learn.microsoft.com/en-us/power-virtual-agents/authoring-export-import-bots

upvoted 2 times

PGG 1 year, 3 months ago

Hate this type of questions, answer can be A&E, or D&E! C&D is not right because both accomplish the same, to have the flow on Enviroment1.
A&E is better because as stated D&E requires extra steps for moving it.

upvoted 1 times

northstar88 1 year, 5 months ago

Selected Answer: CD

C&D. The question didn't specify that user has included the flow into a solution in the default environment.

upvoted 1 times

PGG 1 year, 3 months ago

Yes it says it did in the default solution: "...creates a Power Automate flow in the default solution in the default environment."

upvoted 1 times

Muzera 1 year, 7 months ago

Selected Answer: CD

CD 100%
1) Add the flow to the solution (yes, it is already in a solution but in DEFAULT solution. We do not want to export default solution...)
2) Export this solution and import it into Environment1.

upvoted 3 times

PGG 1 year, 3 months ago

Virtual Agent needs the solution on its own enviroment, C is not achieving that

upvoted 1 times

TheExamMaster2020 1 year, 1 month ago

Indeed, that's why C is followed by D.

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 2 times

baughfell 1 year, 7 months ago

The flow is in the default solution in the default environment. The default solution CANNOT be exported so:
1) Add the flow to another solution in the default environment (C)
2 Export and import the solution to environment1 (D)

upvoted 3 times

kT185 1 year, 11 months ago

Selected Answer: CD

Requirements to have Flow visible by PVA:
- A flow needs to be in the same environment as your bot.
- Flow must be stored in a solution

So we need to:
1) Add the flow to the solution (yes, it is already in a solution but in DEFAULT solution. We do not want to export default solution...)
2) Export this solution and import it into Environment1.

Answer: C & D

upvoted 10 times

jkaur 2 years ago

A and D

upvoted 4 times

Question #13 *Topic 4*

A customer wants to design a complex business process flow that includes six custom entities and four stages for each entity. One of the stages will have 15 steps.
You need to explain the flaw in this design to the customer.
What is the flaw in this design?

A. The maximum number of custom entities has been exceeded.

B. The maximum number of steps for a stage has been exceeded.

C. The maximum number of stages for an entity has been exceeded.

D. The minimum number of stages for an entity has not been met.

E. The minimum number of steps for a stage has not been met.

Correct Answer: *A*
Maximum number of processes, stages, and steps:
To ensure acceptable performance and the usability of the user interface, there are some limitations you need to be aware of when you plan to use business process flows:
- Multi-entity processes can contain no more than five entities.
- There can be no more than 10 activated business process flow processes per entity.
- Each process can contain no more than 30 stages.

Reference:
https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview

Community vote distribution
A (100%)

CinthiaN Highly Voted 2 years ago
Selected Answer: A
5 custom entities
upvoted 8 times

At09 Most Recent 5 months ago
Answer is A
upvoted 1 times

jkaur 6 months, 2 weeks ago
Should Be A
upvoted 1 times

No_Doubt 1 year, 3 months ago
The answer is A
https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/business-process-flows-overview?view=op-9-1

Maximum number of processes, stages, and steps
To ensure acceptable performance and the usability of the user interface, there are some limitations you need to be aware of when you plan to use business process flows:
- There can be no more than 10 activated business process flow processes per entity.
- Each process can contain no more than 30 stages.
- Multi-entity processes can contain no more than five entities.
upvoted 2 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

Dynamic_MD 1 year, 9 months ago
Selected Answer: A
Correct
upvoted 1 times

HelloWorldHere 2 years, 1 month ago
Selected Answer: A
5 Max Custom entities

upvoted 2 times

HelloWorldHere 2 years, 1 month ago

5 Max Custom entities

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/business-process-flows-overview?view=op-9-1

upvoted 1 times

nivanpee 2 years, 1 month ago

To ensure acceptable performance and the usability of the user interface, there are some limitations you need to be aware of when you plan to use business process flows:
There can be no more than 10 activated business process flow processes per table.
Each process can contain no more than 30 stages.
Multi-table processes can contain no more than five tables.
https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview

upvoted 2 times

apatrick 2 years, 4 months ago

Correct

upvoted 4 times

Eskape 2 years, 5 months ago

Correct

upvoted 2 times

Question #14 *Topic 4*

DRAG DROP -

An organization has a Dynamics 365 Sales environment. In the development environment, you create a business rule named BusinessRule1 on the Account entity. You deploy BusinessRule1 to production as part of a managed solution.

You need to remove BusinessRule1 from the production environment.

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:

Actions

- In the development environment, navigate to Solutions.
- Create a new managed solution in the production environment.
- Export the solution as managed and import it in the production environment.
- In the production environment, add a new business rule.
- Select the solution that has BusinessRule1 and deactivate the rule.
- Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.

Answer Area

Correct Answer:

Actions

- In the development environment, navigate to Solutions.
- Create a new managed solution in the production environment.
- Export the solution as managed and import it in the production environment.
- In the production environment, add a new business rule.
- Select the solution that has BusinessRule1 and deactivate the rule.
- Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.

Answer Area

- In the development environment, navigate to Solutions.
- Export the solution as managed and import it in the production environment.
- Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.

Step 1: In the development environment, navigate to Solutions.

The only supported way of transferring customizations from one CRM organization to another has been through Solutions.

With Solution Management came the concept of Managed and Unmanaged Solutions.

Step 2: Export the solution as managed and import it in the production environment.

Managed is a way to protect your IP (Intellectual Property) with an easy concept of install and uninstall.

Step 3: Select the solution that has BusinessRule1, navigate to the appropriate entity, and delete the rule.

Reference:

https://www.inogic.com/blog/2016/01/solution-management-with-dynamics-crm-2016/

440 Highly Voted 2 years, 8 months ago

I think the following is the correct answer.
1) In the development environment, navigate to Solutions.
2) Select the solution that has BuusinessRule1, navigate to the appropriate entity, and delete the rule.
3) Export the solution as managed and import it in the production environment.

upvoted 112 times

marimar 1 month ago
If you try to delete a Business Rule without having previously deactivated it, you get the error "Cannot delete an active workflow definition".
If you try to delete a Business Rule without having previously deactivated it, you get the error "Cannot delete an active workflow definition", so there would be 4 correct options and not 3: 1, 5, 6, 3
upvoted 1 times

marimar 1 month ago
It is also true that at no point is it mentioned that the business rule has been activated, so it could be 1, 6 and 3.
upvoted 1 times

No_Doubt 1 year, 3 months ago
Not "I think", I am sure!
upvoted 3 times

bstroescu 1 year, 5 months ago
I disagree with #2, #1 and #3 are correct. To delete the BR, you need first to deactivate it so you can just de-activate the rule and leave it. The question isn't clear either.
upvoted 3 times

MeTToW 4 months, 3 weeks ago
So after that action if i ask you what have you done, won't you say i deleted the rule.
upvoted 1 times

ClairFraser 1 year, 9 months ago
Yes. In the import process one should keep the default "Upgrade" option.
upvoted 2 times

twin Highly Voted 2 years, 8 months ago
I guess: 1) deactivate 2) delete 3) reimport
upvoted 6 times

Hugolini 2 years, 6 months ago
It's not possible to delete an active BR
upvoted 2 times

fransc28 2 years, 3 months ago
I thought the same with you before, but I tried and It is deleted.
We can delete active BR, active BPF, active WF, fields etc through importing the managed solution
upvoted 3 times

Hendrikdb 2 years, 4 months ago
It doesnt say that the rule on production is active so I would stick with the ansswer from 440
upvoted 1 times

AlaCh Most Recent 5 months, 2 weeks ago
We don't need to delete the BR. We would like just to deactivate it so:
1) Navigate to solutions in development environment.
2) Select the solution that has BusinessRule1, deactivate it.
3) Export and Import to production with default upgrade.
upvoted 1 times

friik 2 months, 3 weeks ago
"You need to remove BusinessRule1 from the production environment."
Why wouldn't you delete it? Otherwise it's just clutter on Production.
upvoted 2 times

friik 2 months, 1 week ago
I stand corrected on this one. Ofcourse you would remove it, but the correct way is to deactivate it first, otherwise it can't be deleted.
upvoted 1 times

Barb123 6 months, 3 weeks ago
In exam 02.08.2023
upvoted 1 times

DummyTest1 8 months ago
For sure, we can't delete a business rule with deactivating. Hence we need to add that as the second step.
1) Navigate to solutions in development environment.
2) Select the solution that has BusinessRule1, deactivate it.
3) Delete the BusinessRule1 from the environment
4) Export and Import to production with default upgrade.
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
Only 3 steps are required!

upvoted 1 times

Alehn96 1 year, 2 months ago

It will be> 5, 6, y 3
Firts Deactivate the rule, second delete the rule y finally export the solution like manage.

upvoted 1 times

Muzera 1 year, 7 months ago

1) In the development environment, navigate to Solutions. 2) Select the solution that has BuusinessRule1, navigate to the appropriate entity, and delete the rule. 3) Export the solution as managed and import it in the production environment.

upvoted 1 times

Muzera 1 year, 7 months ago

My guess: 1) deactivate 2) delete 3) reimport

upvoted 2 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

jkaur 2 years ago

1,5 and 3

upvoted 6 times

Anastasii 2 years, 3 months ago

I believe, proposed answer by Microsoft is correct.

upvoted 1 times

Question #15 *Topic 4*

HOTSPOT -

You are a Power Apps app maker with administrative rights to Microsoft 365.

You create a canvas app that will be used by employees at your company. You plan to allow users to embed the app in Microsoft Teams.

During testing, the following issues are reported:

⇨ The app runs slowly when it runs in Microsoft Teams.

⇨ Test users cannot add the personal app within Microsoft Teams.

You need to resolve the issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Resolution
The app runs slowly when it runs in Microsoft Teams.	Change settings in app to preload app Use a Teams integration object
Test users cannot add the personal app within Microsoft Teams.	Download the custom app Change permission for the custom app in Teams Publish the customer app Change custom app setup policy in Tems

Correct Answer:

Answer Area

Issue	Resolution
The app runs slowly when it runs in Microsoft Teams.	Change settings in app to preload app Use a Teams integration object
Test users cannot add the personal app within Microsoft Teams.	Download the custom app Change permission for the custom app in Teams Publish the customer app Change custom app setup policy in Tems

Box 1: Change settings in app to preload app

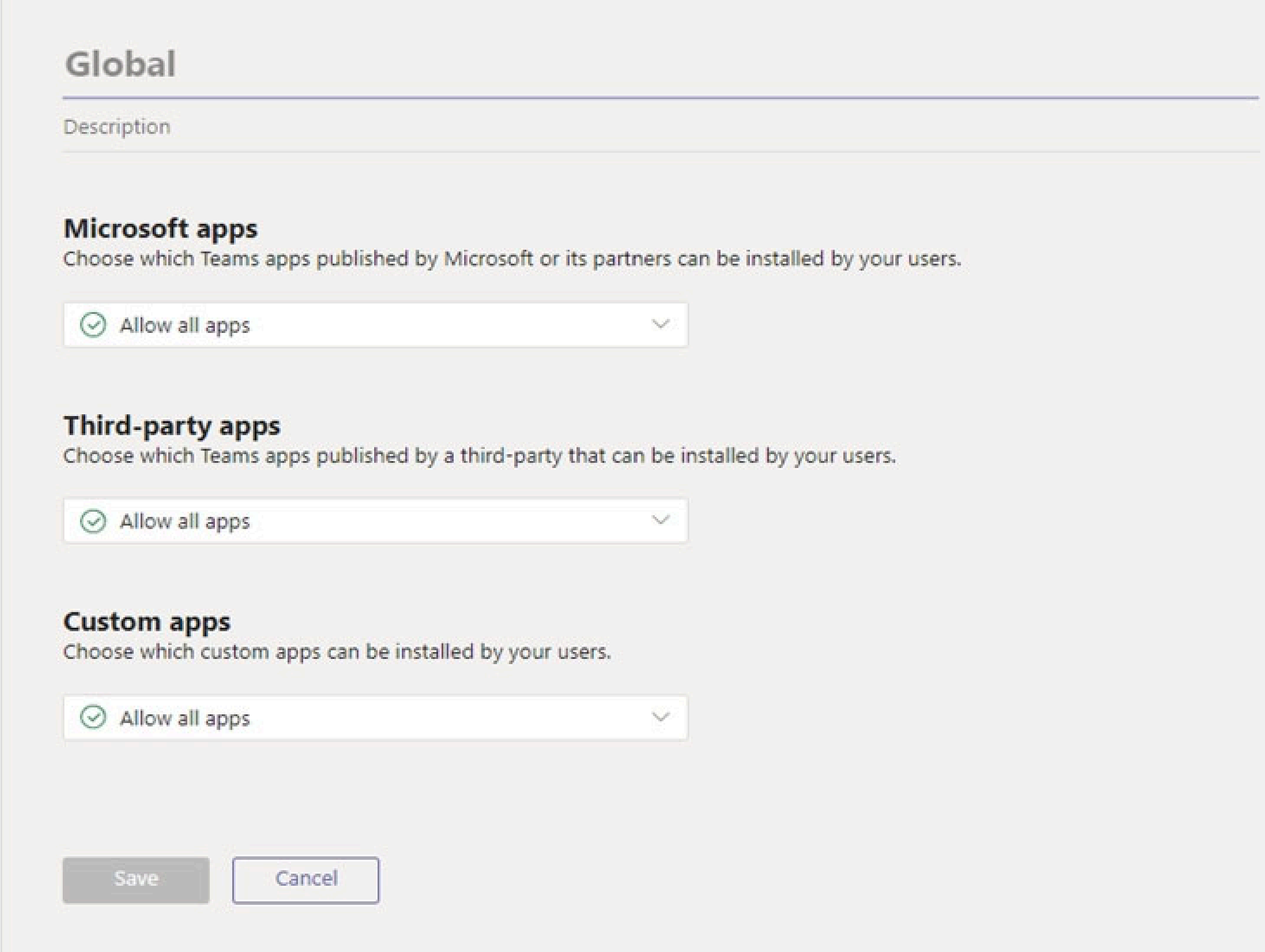
You can optionally preload your app within Teams to increase performance.

Box 2: Change the permission for the custom app in Teams

As an admin, you can use app permission policies to control what apps are available to Microsoft Teams users in your organization. You can allow or block all apps or specific apps published by Microsoft, third-parties, and your organization. When you block an app, users who have the policy are unable to install it from the Teams app store.

You manage app permission policies in the Microsoft Teams admin center. You can use the global (Org-wide default) policy or create and assign custom policies.

Users in your organization will automatically get the global policy unless you create and assign a custom policy. After you edit or assign a policy, it can take a few hours for changes to take effect.



Reference:
https://docs.microsoft.com/en-us/powerapps/teams/embed-teams-app https://docs.microsoft.com/en-us/microsoftteams/teams-app-permission-policies

KAL18 Highly Voted 2 years, 3 months ago

1 > Preload app ...
Ref: https://docs.microsoft.com/en-us/powerapps/teams/embed-teams-app#improve-the-performance-of-your-app

2 > custom app setup policy ...
Ref: https://docs.microsoft.com/en-us/microsoftteams/teams-custom-app-policies-and-settings#user-custom-app-policy

As part of app setup policies, ###admins can use a policy setting, Upload custom apps, to control whether a user can upload custom apps to Teams###.

If this setting is turned off:
* The user can't upload a custom app to any team in your organization or in the personal context.
* The user can interact with custom apps, depending on the org-wide custom app setting.

upvoted 22 times

V05 1 year, 1 month ago

The question says, user needs to add the app, and to add the app you need a custom app setup policy
From Microsoft Doc: Your organization may commission the creation of custom apps for org-specific requirements. Developers within your organization can build, test, and deploy custom apps for organization's internal users of Teams. You use app setup policy to control who in your organization can upload custom apps.
Link: https://learn.microsoft.com/en-us/microsoftteams/app-policies

upvoted 1 times

At09 Most Recent 5 months ago

1 and4

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

jkaur 2 years ago

1 > Preload app
2 > custom app setup policy

upvoted 1 times

loecun 2 years, 4 months ago

#1 is correct, #2 should be the "change custom app setup policy in teams"

upvoted 4 times

ETU69 2 years, 4 months ago

Answer given is correct. App setup policies control 'how' apps are made available to a user...
1. Change settings in app to preload app

2. Change permissions for the custom app in Teams

upvoted 13 times

hxwinchester 2 years, 5 months ago

are these answers correct?

upvoted 4 times

Question #16 *Topic 4*

DRAG DROP -

You are developing a Power Platform solution.

You must add a custom control slider to a specific step in a business process flow.

You need to add the custom control.

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

Select and Place:

Action

- Import customizations into the Microsoft Dataverse environment.
- Modify columns in the default solution.
- Create a Power Automate flow to activate the custom controls.
- Generate and export the business process flow form.
- Configure custom controls on a related entity form.
- Copy custom control configurations to the FormXML for the business process flow.

Answer area

Correct Answer:

Action

- Modify columns in the default solution.
- Create a Power Automate flow to activate the custom controls.

Answer area

- Configure custom controls on a related entity form.
- Generate and export the business process flow form.
- Copy custom control configurations to the FormXML for the business process flow.
- Import customizations into the Microsoft Dataverse environment.

Here are the steps you must follow to add custom controls to a business process flow:

Step 1: Configure custom controls on a related entity.

Step 2: Generate and exporting the business process flow form.

Step 3: Copy custom control configurations to the FormXML for the business process flow.

Step 4: Import customizations into the Microsoft Dataverse environment.

Note:

1. Configure custom controls on a related table form.
2. Generate and exporting the business process flow form.
3. Copy custom control configurations to the business process flow form from the related table form.
4. Import the customizations back into Microsoft Dataverse.

Reference:

https://docs.microsoft.com/en-us/power-automate/custom-controls-business-process-flows

Eskape Highly Voted 2 years, 5 months ago

Correct

upvoted 13 times

AADAdmin1 Highly Voted 1 year, 7 months ago

Never knew such level of customizations are possible in Power Apps, D365. However, I doubt how many people have or are going to customize the control to be displayed within the step in Business Process Flow.

upvoted 7 times

Fyrus 1 year ago

there are 2 kinds of people here:

- The ones that try to remember the answers
- The ones that open the links and study from them and people's comments

upvoted 12 times

NyarukouSAMA 5 months ago

Suppose most of us were not familiar with at least 30% at the start of the exam preparation, because 30-40% of all features mentioned here you hardly ever use in real-world development. :)

upvoted 3 times

Aryabhatta 1 year ago

I do both.
upvoted 2 times

At09 Most Recent 5 months ago
Correct
upvoted 1 times

jkaur 6 months, 2 weeks ago
correct
upvoted 1 times

shibax 2 years ago
correct
upvoted 2 times

Question #17 *Topic 4*

HOTSPOT -

A company is creating a new system based on Dynamics 365 Sales.

The company has the following requirements for their claim process:

⇨ Approval process must be the same for all claim applications.

⇨ Claim applications must go through approvers at each stage.

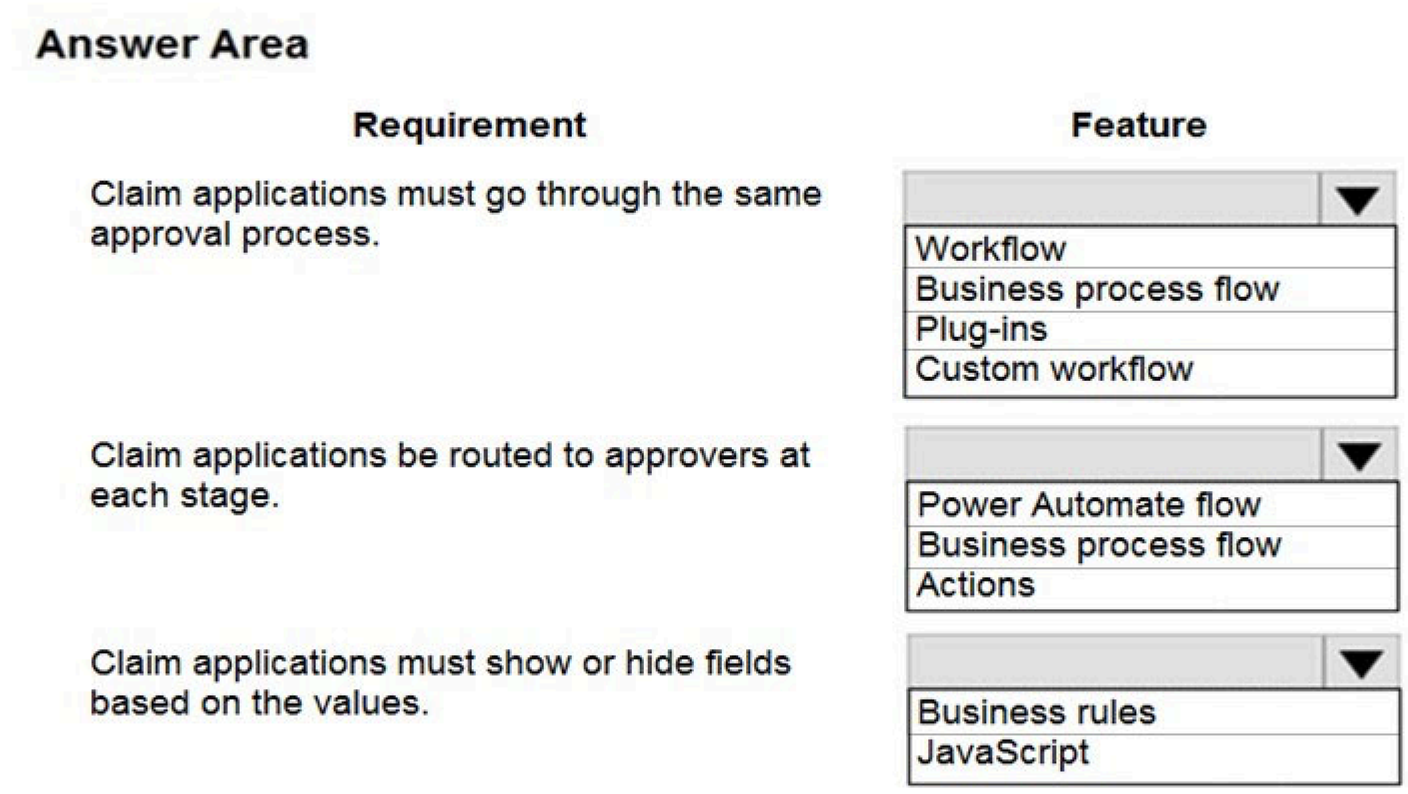
⇨ Fields must be shown or hidden, based on the requirements in the approval process.

You need to design the data model for the claim process using out-of-the-box components whenever possible.

Which features should you implement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

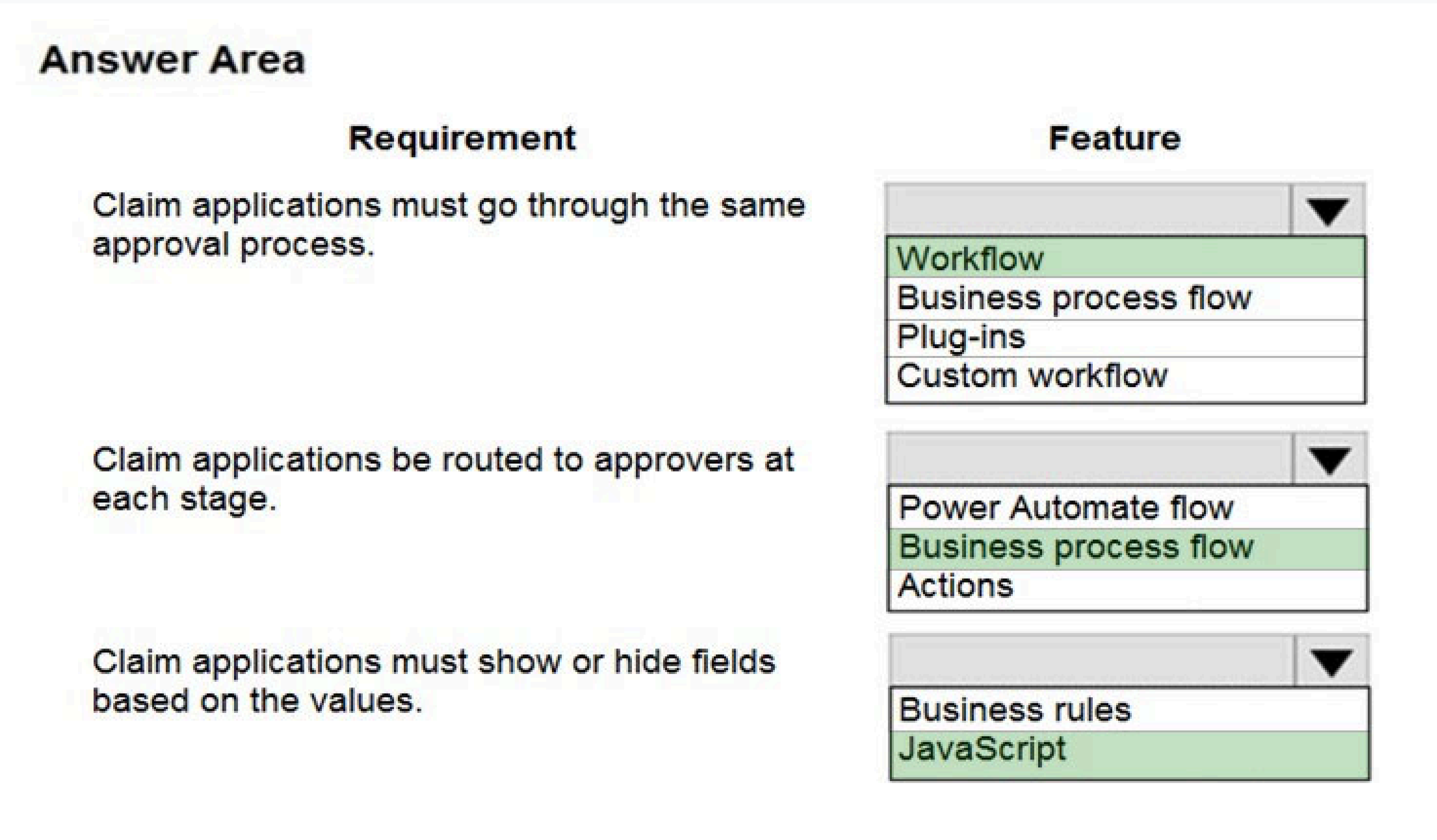
Hot Area:



Answer Area

Requirement	Feature
Claim applications must go through the same approval process.	Workflow / Business process flow / Plug-ins / Custom workflow
Claim applications be routed to approvers at each stage.	Power Automate flow / Business process flow / Actions
Claim applications must show or hide fields based on the values.	Business rules / JavaScript

Correct Answer:



Answer Area

Requirement	Feature
Claim applications must go through the same approval process.	Workflow (selected) / Business process flow / Plug-ins / Custom workflow
Claim applications be routed to approvers at each stage.	Power Automate flow / Business process flow (selected) / Actions
Claim applications must show or hide fields based on the values.	Business rules / JavaScript (selected)

Box 1: Workflow -

You configure the approval processes in a workflow.

Box 2: Business process flow -

By integrating your approvals feature with Power Automate, you can implement features such as these:

⇨ Automatically generate and send request-for-approval emails to approvers.

⇨ Include active approve and reject buttons in request-for-approval emails.

⇨ Easy customization of the approval steps, using a framework that most administrators will be able to understand and adjust for themselves.

Box 3: JavaScript -
In Dynamics 365, you can hide and show fields using JavaScript. This is useful if you have business logic that determines if fields are displayed or not to the user.
Reference:
https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/organization-administration/configure-approval-process-workflow

BunkMoreland Highly Voted 2 years, 5 months ago
BPF - need to enforce approval process flow for all claim applicants
PA - route action to all approvers for each stage
BR - show/hide fields as the requirement was to use OOTB whenever possible
upvoted 93 times

Burhanshah 5 months ago
I Agree
upvoted 1 times

Lotsrly 1 year, 5 months ago
I agree
upvoted 2 times

rhess 2 years, 1 month ago
correct
upvoted 2 times

[Removed] 2 years, 5 months ago
I agree
upvoted 1 times

jonevado Highly Voted 1 year ago
BPF / PA / BR.
On exam 23/02
upvoted 6 times

At09 Most Recent 5 months ago
BPF, PA,BR
upvoted 1 times

At09 5 months ago
BPF, PA,BR
upvoted 1 times

ziggy1117 7 months ago
BPF, PA, BR.. why are the answers incorrect???
upvoted 1 times

jkaur 2 years ago
BPF
PA
BR
upvoted 2 times

ppguru 2 years, 1 month ago
Given is correct, as question states "based on Dynamics 365 Sales"
upvoted 1 times

recardio 2 years, 5 months ago
Why not BPF, BPF, BR?
upvoted 2 times

KAL18 2 years, 3 months ago
Because for routing we need sort of automation. We can submit claim for approval at each stage of the BPF using the "Run Flow" button.
upvoted 2 times

michaltyt 2 years, 6 months ago
Shouldn't be BPF, PA, JS?
upvoted 2 times

ETU69 2 years, 4 months ago
'Using out-of-the-box components whenever possible' means no JS in my opinion.

BPF, PA, BR
upvoted 2 times

Vivinator1 2 years, 6 months ago

I agree BPF, PA, BR - even though you can show hide from JS too

upvoted 1 times

Question #18 *Topic 4*

HOTSPOT -

You are creating a Microsoft Power Automate flow.

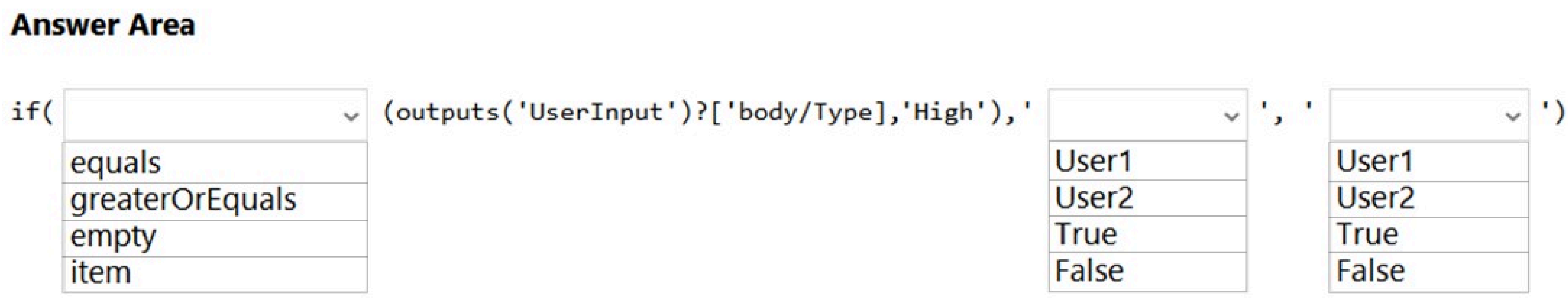
The flow must prompt a user for some input and populate a field in an app based on the user's input.

You need to add an expression that returns User1 if the input from the user is High. Otherwise, the expression must return User2.

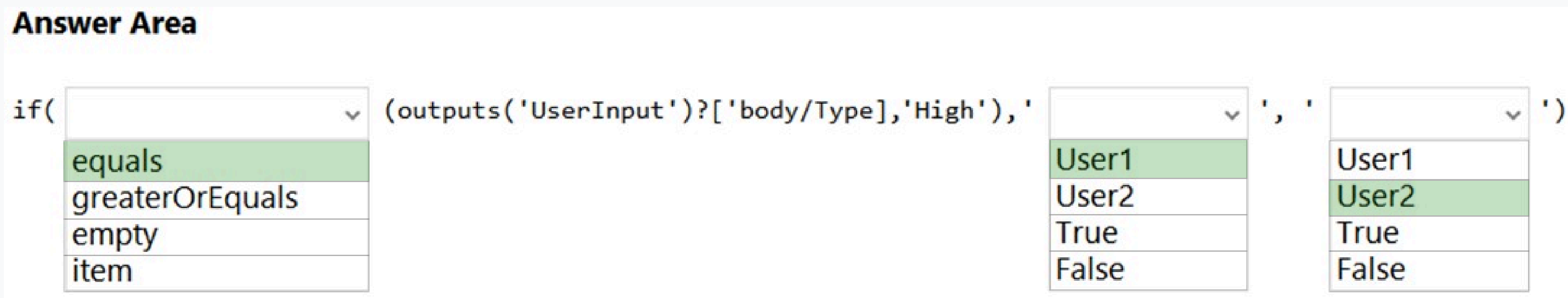
How should you complete the expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: equals -

Power automate if Funtion -

The Power Automate if Function is a fundamental function, which checks the expression or value, and returns true or false.

For example: If (equals(2,3),'yes', 'no'), so this expression return no.

Box 2: User1 -

Box 3: User2 -

Reference:

https://www.enjoysharepoint.com/power-automate-if/

Marcinnnnnn Highly Voted 1 year, 4 months ago

Correct - 1. equals; 2. User1; 3. User2;

upvoted 13 times

At09 Most Recent 5 months ago

Equal , User1, User2

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

Correct

upvoted 1 times

jkaur 6 months, 2 weeks ago

correct

upvoted 1 times

malkahfii 6 months, 4 weeks ago

Correct

upvoted 1 times

whiteblack 9 months ago

Correct

upvoted 1 times

No_Doubt 1 year, 3 months ago

Correct

upvoted 3 times

Question #19 *Topic 4*

You create a form in a model-driven app that uses data from the Lead table in a Microsoft Dataverse instance. You add a business rule to the Lead table. The business rule displays an error if the email address is null. You set the scope for the business rule to All Forms.
You configure a Power Apps portal by using the same Microsoft Dataverse instance. You create a web page by using the Lead form.
You need to ensure the same logic is applied on the Power Apps portal page.
What are two possible ways to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Deactivate the business rule. Change the scope for the rule to Table and then reactivate the rule.

B. Replace the business rule logic with a Microsoft Power Automate cloud flow by using the Dataverse When a row is added, modified or deleted trigger.

C. Extend the webFormClientValidate JavaScript function to replace the business rule logic. Edit the code in Power Apps Studio. Add the function in a <script> block.

D. Create a JavaScript web resource and replace the business rule with a JavaScript function. Add an OnSave event handler to the Lead form.

Correct Answer: *AD*
PowerApps Portal or CRM Portal don't support Business Rule that apply on the Forms.
A: Business rules defined for a table apply to both canvas apps and model-driven apps if the table is used in the app.
D: PostSave event occurs after the OnSave event is complete. This event is used to support or execute custom logic using web resources to perform after Save actions when the save event is successful or failed due to server errors.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/data-platform-create-business-rule
https://powerusers.microsoft.com/t5/Power-Apps-Portals/Business-rules-in-a-PowerApps-Portal/td-p/404588

Community vote distribution
AC (67%) 13% 13% 7%

C2StudyClub Highly Voted 1 year, 4 months ago
Selected Answer: AC
A & C would work.
upvoted 10 times

At09 Most Recent 5 months ago
Only A and C would make sense
upvoted 2 times

MikeAWS 5 months, 3 weeks ago
BD are correct IMO!

Here are the reasons why:

Option A: Deactivating the business rule and then changing the scope for the rule will NOT work. The business rule will still be active in the model-driven app, but it will not be applied to the Power Apps portal page.
Option C: Extending the webFormClientValidate JavaScript function will NOT work. This function is used to validate the form before it is submitted. It is not used to validate the data after it has been submitted.
upvoted 1 times

uberlord 6 months ago
Selected Answer: AB
AB are the only ones to offer complete solutions, CD will only affect a portal or MD.
I still have misgivings about B though
upvoted 1 times

AndreiAndreiG 8 months ago
Selected Answer: AD
A & D are correct imo
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: BD

B. Replace the business rule logic with a Microsoft Power Automate cloud flow by using the Dataverse When a row is added, modified or deleted trigger.
D. Create a JavaScript web resource and replace the business rule with a JavaScript function. Add an OnSave event handler to the Lead form.
upvoted 2 times

hikmatune 1 year ago
You cannot use power automate for real time validations on the form.
upvoted 8 times

diotmac 1 year, 5 months ago
Selected Answer: AB
Only A and B would work.
C - Only affects power apps portal
D - Only affects Model driven App
upvoted 1 times

Couchiman 1 year, 5 months ago
A and C

https://docs.microsoft.com/en-us/power-apps/maker/portals/configure/add-custom-javascript
upvoted 4 times

Question #20 *Topic 4*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.
Users report that the system does not update values for the rollup fields when new insurance policies are written.
You need to recalculate the value of the rollup fields immediately after a policy is created.
What should you do?

A. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

B. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

C. Create a plug-in that uses the update method for the rollup fields. Configure a step on the Create event for the policy entity for this plug-in.

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Correct Answer: *B*
Rollup column values are calculated asynchronously by scheduled system jobs. Administrators set when a job is run or pause the job.
Mass Calculate Rollup Field.
Mass Calculate Rollup Field is a recurring job, created for each rollup column. It runs once, after you create or update a rollup column. The job recalculates the specified rollup column value in all existing records that contain this column. By default, the job will run 12 hours after you have created or updated a column.
When the column is modified, the job resets to run again in 12 hours after the update. The 12-hour delay is needed to assure that the Mass Calculate Rollup Field runs during the non-operational hours of the environment.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/define-rollup-fields

Community vote distribution
D (93%) 7%

At09 5 months ago
Answer is D
upvoted 2 times

HasanAamir11 5 months, 3 weeks ago
Selected Answer: D
D is correct
upvoted 2 times

MikeAWS 6 months ago
D is correct answer! By following this approach, you're directly controlling the recalculation process of the rollup fields using a custom plugin that's triggered immediately upon the creation of a policy record. This ensures that the rollup fields for insurance exposure and risk profiles are accurately calculated and updated for customers as soon as new policies are written.

B is NOT correct. In Microsoft Dataverse, the "Mass Calculate Rollup Field" job is meant to PERIODICALLY recalculate the values of rollup fields for existing records, and it's not designed to be triggered by the creation of new records.
upvoted 1 times

jkaur 6 months, 2 weeks ago
D should be
upvoted 1 times

AndreiAndreiG 8 months ago
Selected Answer: D
D imo. B is not correct -> Mass Calculate Rollup Field job runs periodically once every 12 h, and NOT immediately.
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: D
D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.
Option A is not correct because it would require additional fields and workflows which would make the solution complex.
Option B is not correct because Mass Calculate Rollup Field job runs periodically and it wouldn't update immediately after the policy is created.
Option C is not correct because the update method is used to update the values of an existing record and it wouldn't recalculate the value of the rollup field.

upvoted 4 times

PGG 1 year, 3 months ago

Selected Answer: D

D should be it. B is wrong because you are calling to mass calculate that is a scheudeled process to update every roll up field. C could be but D is more precise as tell you the method to be used.

upvoted 2 times

BeginLearningforPP 1 year, 5 months ago

Selected Answer: D

Correct Answer D

upvoted 1 times

MarioM 1 year, 5 months ago

Selected Answer: D

definitelly D

upvoted 3 times

Kunterbunt 1 year, 5 months ago

Selected Answer: D

I agree with Northstar and have built a plugin once to achieve synchronous recalculation of the parents rollup whenever a child was created.

upvoted 1 times

northstar88 1 year, 5 months ago

Should be D
Rollup fields are read-only, you cannot update them using update request in plugin.
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/calculated-rollup-attributes?view=op-9-1#common-elements-and-characteristics:~:text=characteristics%2C%20for%20example%3A-,They%E2%80%99re%20read%2Donly.,-They%E2%80%99re%20not%20specific

However you can trigger the rollup calculation by using the CalculateRollUpFieldRequest
https://docs.microsoft.com/en-us/dotnet/api/microsoft.crm.sdk.messages.calculaterollupfieldrequest?view=dataverse-sdk-latest

upvoted 3 times

greg3271 1 year, 5 months ago

Selected Answer: C

Guess is C

upvoted 1 times

PGG 1 year, 3 months ago

C can't be, no updaterollup mentioned

upvoted 1 times

hertino 1 year, 5 months ago

https://www.examtopics.com/discussions/microsoft/view/54488-exam-pl-400-topic-2-question-9-discussion/

upvoted 3 times

TheExamMaster2020 1 year, 1 month ago

In that version of the question answer D is not even an option, so the correct answer should be C?

upvoted 1 times

Question #21 *Topic 4*

An organization implements Dynamics 365 Supply Chain Management.

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 daily and the interval to 24.

C. Create the flow and set the flow frequency to hourly and the interval to 1.

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

Correct Answer: *AD*

Community vote distribution

AD (100%)

markjr 2 months, 1 week ago

Selected Answer: AD

I wish all questions were like this one.

upvoted 2 times

At09 5 months ago

Answer is A and D

upvoted 1 times

MikeAWS 5 months, 1 week ago

Selected Answer: AD

AD correct answers!

upvoted 3 times

MikeAWS 6 months ago

Yes AD correct.

upvoted 1 times

jkaur 6 months, 2 weeks ago

AD should be

upvoted 1 times

Domki98 9 months, 1 week ago

Selected Answer: AD

No explanation needed...

upvoted 3 times

whiteblack 9 months, 2 weeks ago

Correct

upvoted 4 times

Question #22 *Topic 4*

You develop a model-driven app to manage customer information. You have the system administrator security role on all environments.

You create a business process flow that is associated with the Contact table. You grant users Create, Read, and Write permissions on the business process flow.

Users report that the new business process flow does not appear when the users create new contact records. You verify that you can view the business process flow when you sign into the app and create a new contact record.

You need to resolve the issue.

What should you do?

A. Grant users the Run Flows privilege.

B. In the app designer, ensure that the business process flow is added to the app.

C. Grant users the Organization Read permission on the Process table.

D. Open the business process flow and associate the flow with the user security roles by using the Edit security button on the command bar.

Correct Answer: *D*

Community vote distribution

D (100%)

At09 5 months ago

Answer is D

upvoted 1 times

Juan86 5 months, 2 weeks ago

Selected Answer: D

D is Correct!
You need to associate the flow with the user security group (otherwise you wont be able to see/edit)

upvoted 1 times

andresleonz 5 months, 2 weeks ago

I'm not sure about the option 'D'. Before, the button was called 'Enable security roles', and you could select those security roles that can view the BPF, but, nowadays the button is called 'Edit security roles', and whether you click on the button you can not select the roles anymore, just see the roles list and go to its definition. Returning to the question premises, the users already have grants on the BPF (Create, Read, and Write privileges), therefore, with this privilege, you are making the association. The options 'A' and 'B' don't make sense in this case, I would go for option 'C'.

Sources:
https://www.linkedin.com/pulse/dynamics-365-assigning-security-roles-business-process-chris-aiello

https://debajmecrm.com/business-process-flow-not-appearing-on-dynamics-365-cds-form-although-the-user-has-access-to-process-flow-table-check-this-out/

upvoted 1 times

MikeAWS 6 months ago

D correct! By ensuring that the correct user security roles are associated with the business process flow, you should resolve the issue and make the flow appear when users create new contact records in the model-driven app. This allows users with the specified security roles to see and use the business process flow as intended.
Here are the steps needed to achieve this:
- Open Business Process Flow
- Edit Business Process Flow
- Check Security Roles
- Associate with User Security Roles, and
- Save and Publish

upvoted 2 times

jkaur 6 months, 2 weeks ago

should be D

upvoted 1 times

DimpleG 1 year, 1 month ago

Selected Answer: D

To resolve this issue, you should open the business process flow and associate the flow with the user security roles by using the Edit security button on the command bar. This will ensure that the users with the appropriate security roles will be able to view the business process flow when they create new contact records.

upvoted 4 times

Question #23 *Topic 4*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.

Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created.

What should you do?

A. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

B. Create new calculated fields on the customer entity for insurance exposure and risk. Configure the formula to calculate the sum of values from policy records.

C. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.

D. Create new fields on the customer entity for insurance exposure and risk. Write a plug-in that is triggered whenever a new policy is created.

Correct Answer: *D*

Community vote distribution

D (100%)

At09 5 months ago

Answer is D

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

D in my opinion!

The best solution is to create new fields on the customer entity for insurance exposure and risk. These fields will be calculated fields that are updated automatically when the underlying data changes. A plug-in can be written to be triggered whenever a new policy is created. The plug-in can then update the values of the calculated fields.

upvoted 1 times

jkaur 6 months, 2 weeks ago

Correct D

upvoted 1 times

balu555 8 months ago

Selected Answer: D

Write a plug in that is triggered whenever a new policy is created

upvoted 1 times

Question #24 *Topic 4*

You create a cloud flow to process a list of records using a loop.

You need to determine when to initialize a variable that is used to process the records.

When should you initialize the variable?

A. after the loop

B. after the first use of the variable inside the loop

C. before the loop

D. before the first use of the variable inside the loop

Correct Answer: *C*

Community vote distribution

C (100%)

At09 5 months ago

Answer is C

upvoted 1 times

MikeAWS 5 months, 3 weeks ago

C is correct.

We should initialize the variable before the loop (Option C). Initializing a variable before the loop ensures that it starts with the correct initial value and can be used within the loop with the desired value from the beginning of the loop's execution.

upvoted 1 times

jkaur 6 months, 2 weeks ago

Correct C

upvoted 1 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 1 times

RSoumya 8 months ago

Selected Answer: C

C is the correct option

upvoted 1 times

Domki98 9 months, 1 week ago

Selected Answer: C

... :)

upvoted 2 times

Question #25 *Topic 4*

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

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

Which two variables should you use?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. AuthToken

B. UserDisplayName

C. UserID

D. IsLoggedIn

Correct Answer: *BC*

Community vote distribution

BC (100%)

markjr 2 months, 1 week ago

Selected Answer: BC

Correct

upvoted 1 times

At09 5 months ago

Answer is B and C

upvoted 1 times

MikeAWS 6 months ago

B, C correct!
ANSWER: When configuring a Power Virtual Agents chatbot to use the authenticate option for Microsoft Teams, you should use the following two variables to return information about the logged-in user:

UserDisplayName (turn.adapterTeams.userPrincipalName): This variable contains the display name of the logged-in user in Microsoft Teams.

UserID (turn.adapterTeams.id): This variable contains the unique identifier for the user in Microsoft Teams.

Using these variables allows you to retrieve information about the logged-in user within your chatbot interactions.

upvoted 3 times

jkaur 6 months, 2 weeks ago

B and C are correct!

upvoted 2 times

ChopCalle 10 months ago

Correct!
REF: https://powerusers.microsoft.com/t5/Power-Virtual-Agents-Community/Getting-User-Details-To-Use-In-Power-Virtual-Agents-In-Teams/ba-p/744934#:~:text=Navigate%20to%20%E2%80%98Topics%E2%80%99%20and%20select%20the%20%E2%80%98Greeting%E2%80%99%20Topic%27%2C,Flow%20to%20get%20the%20user%20details%20we%20want.

upvoted 4 times

Question #26 *Topic 4*

DRAG DROP

-

You are creating a model-driven app

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

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

You must minimize the lines of code required.

You need to implement the app.

Which tools should you use?

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

NOTE: Each correct selection is worth one point.

Tools

- Power Automate cloud flow
- Business rules
- Javascript
- Power Virtual Agent

Answer Area

Requirement	Tool
Opportunity over $50,000	
Opportunity over one million dollars	

Correct Answer:

Answer Area

Requirement	Tool
Opportunity over $50,000	Power Automate cloud flow
Opportunity over one million dollars	Business rules

jkaur Highly Voted 6 months, 2 weeks ago

correct

upvoted 6 times

RSoumya Most Recent 8 months ago

Correct

upvoted 1 times

Question #27 *Topic 4*

HOTSPOT

-

You are developing a model-driven app by using Microsoft Power Platform.

The app must perform the following functions:

• Automatically receive updates from a purchase order system.
• Only add new purchase orders.

You need to implement the app.

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

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Component
Automatically receive purchase order updates.	Connector with polling trigger Connector with webhook trigger Triggers for scheduled flows
Add new purchase orders.	Account name Creation date Account number Purchase order amount

Correct Answer:

Answer Area

Requirement	Component
Automatically receive purchase order updates.	Connector with polling trigger Connector with webhook trigger Triggers for scheduled flows
Add new purchase orders.	Account name Creation date Account number Purchase order amount

whiteblack Highly Voted 9 months ago
1. Polling Trigger
A polling trigger is basically an event that periodically makes a call to your service to look for new data. Polling triggers differ from webhooks in that a polling trigger initiates an event to determine if new data is available, whereas webhooks respond to a push of new data from the service.
refer this link: https://learn.microsoft.com/en-us/connectors/custom-connectors/create-polling-trigger
upvoted 5 times

markjr Most Recent 2 months, 1 week ago
For me:
1. Webhooks trigger
2. Account Number

Jus another lovely question from MS.
upvoted 2 times

Sudheer93 5 months ago
In exam - 9/23/2023
upvoted 2 times

MikeAWS 5 months, 3 weeks ago

Options 2 and 2 are correct IMO.

- To automatically receive updates from an external system, you should use a Connector with a webhook trigger (Option 2). Webhooks allow external systems to push data to your app when specific events occur, which is a more efficient way to receive updates compared to polling (Option 1) or scheduled flows (Option 3).

- To ensure that the app only adds new purchase orders, you should focus on a specific field or attribute related to the purchase orders. Among the options provided, "Creation date" (Option 2) is the most relevant attribute to determine whether a purchase order is new or not.

upvoted 3 times

jkaur 6 months, 2 weeks ago

1. Webhooks trigger
2. Account Number

Seems correct

upvoted 2 times

Barb123 6 months, 3 weeks ago

In exam 02.08.2023

upvoted 2 times

hjt 7 months, 1 week ago

Does question 2 make any sense? I've no idea what is being asked

upvoted 4 times

uberlord 6 months ago

assuming which option you picked for the first part, what choice would make it so we can make sure none of the requests are already existing.
normally we'd check an ID or GUID, but if were doing a daily call with a polling trigger/scheduled flow we can look at the created date and only get requests in the last 24 hours.
not elegant but its what i think the question is looking for

upvoted 2 times

Mahstir 8 months, 4 weeks ago

1. Webhooks trigger
2. Account Number

upvoted 3 times

chiari_do 9 months, 2 weeks ago

1. webhook trigger, for me

"Webhooks are simple HTTP callbacks used to provide event notifications. Azure Logic Apps and Power Automate both allow you to use webhooks as triggers. A logic app or flow listens for this trigger and performs an action whenever the trigger fires."

https://learn.microsoft.com/en-us/connectors/custom-connectors/create-webhook-trigger

upvoted 3 times

whiteblack 9 months, 2 weeks ago

I also agree with you because whenever we give notification from one application to another application about updates,messages we use web hook trigger.

upvoted 2 times

Question #28 *Topic 4*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.

Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created.

What should you do?

A. Create new calculated fields on the customer entity for insurance exposure and risk. Configure the formula to calculate the sum of values from policy records.

B. Create a plug-in that uses the update method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

C. Create new fields on the customer entity for insurance exposure and risk. Write a plug-in that is triggered whenever a new policy is created.

D. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

Correct Answer: *C*

Community vote distribution

B (100%)

jkaur 6 months, 2 weeks ago

Should be B

upvoted 1 times

Kline 7 months, 3 weeks ago

Selected Answer: B

Yep 100%

upvoted 2 times

Chewpacker 8 months, 2 weeks ago

Selected Answer: B

Surely you don't need to create fields, you only need to manually fire an update on the existing rollup field on create?

upvoted 1 times

whiteblack 9 months, 2 weeks ago

The answer is C

upvoted 1 times

> **chiari_do** 9 months, 2 weeks ago
>
> Why create a new field?
>
> upvoted 2 times

chiari_do 9 months, 2 weeks ago

Selected Answer: B

link for discussion: https://www.examtopics.com/discussions/microsoft/view/54488-exam-pl-400-topic-2-question-9-discussion/

upvoted 3 times

Question #29 *Topic 4*

HOTSPOT
-

Case study
-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study
-
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background
-

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment
-

Environment
-

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data
-

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.

• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API

-

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.
• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements

-

Custom connector

-

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process

-

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues

-

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to configure a Dataverse trigger and action in a Power Automate flow so researchers can update account records with data from the Web API even if they do not have edit privileges on the record.

What should you configure for each trigger and action requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Configuration
When a row is added, modified, or deleted trigger with Change Type.	Added Modified Added or Modified
Update a row connection type.	API key User account Service principal

Correct Answer:

Answer Area

Requirement	Configuration
When a row is added, modified, or deleted trigger with Change Type.	Added Modified Added or Modified
Update a row connection type.	API key User account Service principal

Question #30 *Topic 4*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.

Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created.

What should you do?

A. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.

B. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

C. Create new fields on the customer entity for insurance exposure and risk. Write a plug-in that is triggered whenever a new policy record is created.

D. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

Correct Answer: *C*

CiscoWAU 3 months ago

Correcto

upvoted 2 times

Question #31 *Topic 4*

DRAG DROP

-

You manage a Microsoft Power Automate cloud flow that uses a List rows action to query data from the Accounts table. The Accounts table contains more than 15,000 rows.

You must develop automation that meets the following requirements:

• Manage a large number of records.
• Return information from related contact records.

You need to configure the cloud flow to return the information.

Which properties should you configure? To answer, move the appropriate properties to the correct requirements. You may use each property once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Properties

- Filter rows
- Expand query
- Skip token
- Select columns

Power Automate configuration properties

Requirement	Property
Manage a large number of records.	
Return information from related contact records.	

Correct Answer:

Power Automate configuration properties

Requirement	Property
Manage a large number of records.	Skip token
Return information from related contact records.	Expand query

mx007 1 day, 20 hours ago

first should be filter rows, it would achieve the requirement up to 100.000 records, use skip token if the number of records is more than 100.000
https://learn.microsoft.com/en-us/power-automate/dataverse/list-rows?tabs=classic-designer

upvoted 1 times

Gradius 2 months, 1 week ago

A. Skip token
"Loading large data can be slow. Services often rely on pagination to load the data incrementally to improve the response times and the user experience."
https://learn.microsoft.com/en-us/odata/webapi/skiptoken-for-server-side-paging

B. Expand query:
https://learn.microsoft.com/en-us/aspnet/web-api/overview/odata-support-in-aspnet-web-api/using-select-expand-and-value#using-expand

upvoted 1 times

Question #32 *Topic 4*

DRAG DROP

-

Case study

-

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To start the case study

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Background

-

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-

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• Researchers have researched only the top 20 percent of account records.

Web API

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• [DATAID] is the new_dataid column in the Account table.
• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements

-

Custom connector

-

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process

-

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues

-

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to implement a reusable solution to encapsulate the parameterized Dataverse queries.

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

Actions

- Create a real-time workflow that uses a custom workflow activity to perform the Dataverse queries.
- Run the custom process action by using the Dataverse connector.
- Create a custom process action that uses a custom workflow activity to perform the Dataverse queries.
- Create a custom process action that uses a plug-in to perform the Dataverse queries.
- Run the real-time workflow by using the Dataverse connector.
- Define the input parameters for the Dataverse queries.

Answer Area

Correct Answer:

Answer Area

- Create a custom process action that uses a custom workflow activity to perform the Dataverse queries.
- Define the input parameters for the Dataverse queries.
- Run the real-time workflow by using the Dataverse connector.

Panda01 3 weeks ago

I would go with the following
1) Create a custom process action that uses a custom workflow activity to perform the Dataverse queries
2) Define the input parameters for the Dataverse queries
3) Run the custom process action by using the Dataverse connector.

upvoted 2 times

omarrana 2 months, 1 week ago

First should be real time if last is run realtime workflow

upvoted 1 times

Topic 5 - Question Set 5

Question #1 *Topic 5*

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

A. Xrm.WebApi.online.executeMultiple()

B. Xrm.WebApi.online.updateRecord()

C. Xrm.WebApi.online.createRecord()

D. Xrm.WebApi.online.execute()

Correct Answer: *AD*
Xrm.WebApi.online.executeMultiple executes a collection of action, function, or CRUD operations.
Xrm.WebApi.online.execute executes a single action, function, or CRUD operation.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/online/executemultiple
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/online/execute

Community vote distribution
AD (80%) CD (20%)

BunkMoreland Highly Voted 2 years, 5 months ago
A and D is correct
upvoted 5 times

MikeAWS Most Recent 5 months, 3 weeks ago
A and D are correct!
upvoted 1 times

Chewpacker 8 months, 2 weeks ago
Selected Answer: CD
It should be C & D as the question states that you would like to send just one email. Executing an action to send an email is one option and creating an email record with the correct status would also send an email
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: AD
To call the action from JavaScript and send an email from a button on the customer contact form, you can use two functions:
Xrm.WebApi.online.executeMultiple() : This function allows you to perform multiple operations in a single request. It could be used to call the action and send the email as part of a batch request.
Xrm.WebApi.online.execute(): This function allows you to perform a single action, such as sending an email.

Option B and C is not correct because they are used to update or create record respectively.
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: AD
To call the action from JavaScript and send an email from a button on the customer contact form, you can use two functions:
Xrm.WebApi.online.executeMultiple() : This function allows you to perform multiple operations in a single request. It could be used to call the action and send the email as part of a batch request.
Xrm.WebApi.online.execute(): This function allows you to perform a single action, such as sending an email.

Option B and C is not correct because they are used to update or create record respectively.
upvoted 1 times

Dynamic_MD 1 year, 9 months ago
Selected Answer: AD
Correct
upvoted 2 times

hss1 2 years, 7 months ago

Is AD the correct answer?
upvoted 1 times

WMC 2 years, 8 months ago
This code is JACKED, and the provided answer is exactly backward. The author is passing in three Variables:
1 - Execution Context (as exContext)
2 - "telephone1" (as where)
3 - "mobilephone" (as sMessage)

He is passing these in incorrectly, with no commas separating the variables in the signature of the function, but that's beside the point

he uses the setNotification Method on the 'where' (telephone1) control to display sMessage ("mobilephone") --> will display "mobilephone"
he uses the setFormNotification to display sMessage ("mobilephone") --> will display "mobilephone"

Correct answers: NYNY
upvoted 2 times

annie_alps 2 years, 6 months ago
Topic 5 Question 10 discussion
upvoted 7 times

Question #2 *Topic 5*

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 of 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://globaldisco.crm.dynamics.com/api/discovery/v9.1/instances

B. https://myorg.api.crm.dynamics.com/api/data/v9.1/

C. https://dev.crm.dynamics.com/api/discovery/v9.1/instances

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

E. https://dev.crm.dynamics.com/api/discovery/v9.1/instances(UniqueName='myorg')

Correct Answer: *CE*
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')
Example: 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>)
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api

Community vote distribution
CE (100%)

D_D Highly Voted 2 years, 8 months ago
In Microsodt Datavers this has been changed:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/discover-url-organization-web-api
In my eyes, in the current exam we should now expect this new url.
upvoted 16 times

hss1 2 years, 7 months ago
So what would be the correct answers?
upvoted 2 times

IRONR2D2 1 year, 6 months ago
meybe in the exam we have a new answers
upvoted 1 times

kT185 Highly Voted 1 year, 10 months ago
Selected Answer: CE
I don't agree with provided answers (both by exam topics and in the comments).

So, we have 2 versions of API:
v.9.1 / v.9.2 - old one
https://dev.{servername}/api/discovery/v9.1/Instances
https://dev.{servername}/api/discovery/v9.1/Instances(UniqueName='myorg')

Reference: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/webapi/discover-url-organization-web-api?view=op-9-1

v.2.0 - new one
https://globaldisco.crm.dynamics.com/api/discovery/v2.0/Instances
https://globaldisco.crm.dynamics.com/api/discovery/v2.0/Instances(UniqueName='myorg')

Reference: https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/discover-url-organization-web-api#using-the-discovery-service

In the answers we have only /v9.1 (old one) so the correct answers are C & E

A would be correct in /v2.0 but it is /v9.1
upvoted 9 times

MikeAWS Most Recent 5 months, 3 weeks ago

A and E are correct answers in my opinion.

upvoted 2 times

andresleonz 5 months, 2 weeks ago

I agree with you. 'A' for cloud and 'E' for on-premises.

upvoted 1 times

jonevado 1 year ago

A & E
On exam 23/02

upvoted 1 times

shibax 2 years ago

the correct answer is A&E!

upvoted 2 times

Bbond007 2 years, 1 month ago

At this time we have 2 different Versions of API. The "old" one is B, D. In this case you can look at your Org in the legacy Developer Resource and you will find the API Version 9.1 or 9.2. e.G.
Instance Web API: (https://<<orgID>>.api.crm.dynamics.com/api/data/v9.2/)
Discovery Web API: (https://disco.crm.dynamics.com/api/discovery/v9.2/)
If the Question is updated and then we have 2 different API Versions
You will find them in your Maker portal
Web API endpoint: (https://<<ORGID>>.api.crm.dynamics.com/api/data/v9.2)
Discovery endpoint: (https://globaldisco.crm.dynamics.com/api/discovery/v2.0/Instances).

Be aware of the questions and the Version of API 9.1 or 9.2 is the "old" v.2.x the new one.
I think this could be different in the Exam to this question. Never Know :D

upvoted 5 times

DeVries 1 year, 11 months ago

more on this new 2.x, see examples here:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/discover-url-organization-web-api#using-the-discovery-service

upvoted 1 times

S41 2 years, 7 months ago

correct answers are A and E

upvoted 6 times

wfrf92 2 years, 7 months ago

GET https://globaldisco.crm.dynamics.com/api/discovery/v2.0/Instances(UniqueName='myorg')

upvoted 2 times

Question #3 *Topic 5*

You are a Dynamics 365 developer working on a model-driven app.
You add a button to an entity form and to the view for the entity that calls a JavaScript function. When you click the button, it results in an error.
You determine that the JavaScript function is calling another JavaScript function in a different web resource.
You need to resolve the error.
What should you do?

A. In the JavaScript web resource, add the missing web resource as a dependency.

B. Add &ribbondebug=true to the app URL and run the Command Checker tool.

C. From the Ribbon Workbench, add the missing JavaScript web resource as a CustomRule in EnableRules.

Correct Answer: *A*
Web resource dependencies -
You can define dependencies between other web resources. The primary purpose of this feature is to allow association of String (RESX) web resources with the
JavaScript web resources that will use them. This is also the way that web resources required by HTML web resources for use offline can be configured to also be available offline.
Within a solution you can define dependencies within solution components. Up until Mode-driven Apps the main purpose of these dependencies was to prevent the deletion of a solution component when another solution component depended on it. With Model-driven apps the behavior for JavaScript web resources is enhanced so that any other web resource listed as a dependency to the JavaScript web resource will be loaded along with the JavaScript web resource.
Incorrect:
Not B: &ribbondebug=true is used for debugging.
Not C: When configuring ribbon elements, you can define specific rules to control when the ribbon elements are enabled.
Custom Rule uses the <CustomRule> element. Use this kind of rule to call a function in a Script (JScript) web resource that returns a Promise (Unified Interface) or boolean (Unified Interface and web client).
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/model-driven-apps/web-resource-dependencies https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/define-ribbon-enable-rules

Community vote distribution
A (64%) C (36%)

Cdric Highly Voted 2 years, 8 months ago
"You determine that the JavaScript function is calling another JavaScript function in a different web resource."
From this statement, the correct answer is A
upvoted 24 times

Violoncello 1 year, 7 months ago
There's no JavaScript code to include another JavaScript code file. A is impossible. However, the Form can contain all needed Webresources in its Library.
upvoted 1 times

shavarse Highly Voted 2 years ago
Tested - answer is C.
upvoted 16 times

sadzag Most Recent 5 months, 2 weeks ago
A is correct
upvoted 1 times

MikeAWS 5 months, 3 weeks ago
A is correct answer.

Adding the missing web resource as a dependency ensures that it is loaded and available when the JavaScript function is called from the button. This way, you can avoid issues related to missing dependencies.
upvoted 1 times

jkaur 6 months, 2 weeks ago
A should be correct.

upvoted 1 times

jkaur 6 months, 2 weeks ago

C is correct

upvoted 1 times

Moradmoro 1 year ago

Selected Answer: C

C Is correct

upvoted 1 times

DimpleG 1 year, 1 month ago

Selected Answer: A

In the JavaScript web resource, add the missing web resource as a dependency.
This will ensure that the missing web resource is loaded and available for the JavaScript function to call. By adding the dependency, you can ensure that the web resource is loaded before the function that calls it is executed.

Option C, "From the Ribbon Workbench, add the missing JavaScript web resource as a CustomRule in EnableRules" is not the correct answer because the Ribbon Workbench is a tool used to customize the ribbon and command bars in Dynamics 365 and it is not related to resolving JavaScript function errors. The correct action is to ensure that the missing web resource is loaded by adding it as a dependency in the JavaScript web resource that calls it.

upvoted 5 times

Fyrus 1 year, 1 month ago

Selected Answer: A

You can argue that C is not the most elegant solution. that it's a "dumb & unintuitive way to achieve this" but it surely works and it's the most safe way to include files in the ribbon

upvoted 1 times

Moradmoro 1 year, 4 months ago

Selected Answer: C

answer is C.

upvoted 1 times

Flatternschuchtern 1 year, 5 months ago

Selected Answer: A

What are you guys talking about?
You go to the JS WebResource and add the dependency to another JS WebResource, and it will be loaded to the page automatically, this is the correct way to do things.
I GUESS c will work too but it looks like a dumb & unintuitive way to achieve this

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

MikeAWS 6 months ago

So, what was correct answer, what is your opinion?

upvoted 1 times

Parth91 1 year, 8 months ago

Selected Answer: C

Answer is C

upvoted 2 times

S41 2 years, 7 months ago

In the JavaScript code, you can load the dependent JavaScript file. The other way to do this is to register the dependent JavaScript in the Form properties for the form. For the grid view page this can be done in the Ribbon workbench by defining custom action to add the JavaScript file without any function or (IsNaN).

It is certainly no the EnableRules option as mentioned in the answer C.

So the correct answer is A

upvoted 6 times

piboke 2 years, 3 months ago

form scripts don't work on ribbons. You need to add them to the ribbon, and a custom rule referencing the js script is the way to go.

upvoted 2 times

Ami_Nou 2 years, 1 month ago

This feels most correct

upvoted 1 times

Question #4 *Topic 5*

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 Power Apps component framework (PCF) control should be used to prompt users for an area code and to 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. notifyOutputChanged

C. getOutputs

Correct 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.
Note: webAPI.retrieveMultipleRecords retrieves a collection of entity records.
Incorrect Answers:
notifyOutputChanged is a callback method to alert the framework that the control has new outputs ready to be retrieved asynchronously.
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.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/reference/control/updateview
https://www.inogic.com/blog/2021/01/what-is-popupservice-in-powerapps-component-framework/

Community vote distribution
A (100%)

MikeAWS 6 months ago
A is the correct answer: updateView

You should call the webAPI.retrieveMultipleRecords function in the updateView function of your custom Power Apps Component Framework (PCF) control. The updateView function is called whenever the control's view needs to be updated, such as when the record is loaded or the user interacts with the control.
upvoted 1 times

jkaur 6 months, 2 weeks ago
A is correct!
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: A
The updateView function is called when the component is first loaded and rendered on the screen. This function can be used to retrieve data from the Dynamics 365 instance, such as the list of valid area codes, and set the initial state of the component. By calling webAPI.retrieveMultipleRecords in the updateView function, you can ensure that the list of valid area codes is available for the user to select from as soon as the contact record is opened.
NotifyOutputChanged is used to notify the parent component that the value of the output property has changed and getOutputs is used to get the output property values.
upvoted 2 times

EssaKhader 1 year, 5 months ago
Selected Answer: A
Correct
upvoted 2 times

Question #5 *Topic 5*

HOTSPOT -

You are examining code written by another developer that is not functioning correctly. There are no other JavaScript or business rules in use on the form.

This code is properly registered to the OnChange event of the telephone1 field on an account entity form. The main operation is to update the primary contact's phone number when the account phone number changes. The primary contact field is a lookup. (Line numbers are included for reference only.)

```
01 function UpdatePrimaryContact(executionContext) {
02  var formContext = executionContext.getFormContext();
03  var formType = formContext.ui.getFormType();
04  if (formType !== 2) {
05   return;
06  }
07  var data =
08  {
09   "telephone1": formContext.getAttribute("telephone1").getValue()
10  }
11  var primaryContact = formContext.getAttribute("primarycontactid").getValue();
12  Xrm.WebApi.updateRecord("contact", primaryContact[0].id, data).then(
13   function success() {
14    ...
15    Xrm.Navigation.openAlertDialog({ text: "Updated" });
16   },
17   function fail() {
18    Xrm.Navigation.openErrorDialog({ message: "Error" });
19   }
20  );
21  Xrm.Navigation.openAlertDialog({ text: "Done" });
22 }
```

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
Updating the primary contact record will only happen when the form is in update mode.	○	○
If the primary contact field on the account does not have a value, the error dialog on line 18 is displayed.	○	○
The alert dialog on line 21 will always be shown after the update completes and the alert dialog on line 15 is shown.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Updating the primary contact record will only happen when the form is in update mode.	**○**	○
If the primary contact field on the account does not have a value, the error dialog on line 18 is displayed.	**○**	○
The alert dialog on line 21 will always be shown after the update completes and the alert dialog on line 15 is shown.	○	**○**

Box 1: Yes -

getFormTyp gets the form type for the record.

Form type 2 is Update.

Note: Syntax: formContext.ui.getFormType();

Return Value -

Type: Number -
Description: Form type. Returns one of the following values

RETURN VALUE -

Value Form type -
0 Undefined
1 Create
2 Update
3 Read Only
4 Disabled
6 Bulk Edit

Box 2: Yes -
Xrm.WebApi.updateRecord Return Value: On success, returns a promise object containing the values specified earlier in the description of the successCallback parameter.
Note:
Syntax: Xrm.WebApi.updateRecord(entityLogicalName, id, data).then(successCallback, errorCallback);
Where errorCallback: A function to call when the operation fails. An object with the following properties will be passed: errorCode: Number. The error code. message: String. An error message describing the issue.

Box 3: No -
It will displayed even if the update fails.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/getformtype
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/updaterecord

Nielson Highly Voted 2 years, 5 months ago
Second answer should be 'no'. primaryContact on line 11 will be null resulting in javascript error on line 12 (primaryContact[0] => Cannot read properties of null)
upvoted 29 times

ETU69 Highly Voted 2 years, 4 months ago
To summarize: Yes, No, Yes should be the correct answers.
upvoted 27 times

ziggy1117 6 months, 3 weeks ago
Xrm.webapi is an asynch call.. so it can happen that the Done dialog box will display before xrm.webapi finishes
upvoted 3 times

700157a Most Recent 6 months, 3 weeks ago
Answer is Y,N,N
upvoted 2 times

ziggy1117 6 months, 3 weeks ago
Y
N - the code will fail if the primaryContact is null, code will stop and will throw an error
N - no because Xrm.WebApi is an Asynch call the the "Done" dialog box is outside the Asynch call. So it can (probably most of the time) happen that the Done dialog box will even display first
upvoted 5 times

yuko17 8 months, 4 weeks ago
Yes、No、Yes
upvoted 2 times

yuko17 8 months, 4 weeks ago
Yes,No,No
upvoted 3 times

CRMBug 1 year, 3 months ago
Yes ,No , No
upvoted 3 times

No_Doubt 1 year, 3 months ago

1- Yes: since formtype 2 is update
2- No: JS error, reading attribute from a null object before the call of the API
3- No: this is an async call, so saying ALWAYS make it wrong.

upvoted 3 times

Flatternschuchtern 1 year, 5 months ago

The correct answers are:

1) Yes
2) No, it will crash before getting to callback.
3) No, it is outside of callback and will not be awaited.

upvoted 4 times

northstar88 1 year, 5 months ago

To help reinforce, the last one should be NO.
Xrm.WebApi.updateRecord is an async promise function. Once the line is called, client will not wait for the result and will immediately call line 21. If the update is REALLY quick, I think it is possible for line 21 to show after update is completed and line 15 called. However it is unlikely, and since the answer has "always" in it, the statement is false. Hence, No.

upvoted 3 times

CE_Team_Gold 1 year, 8 months ago

Y,N,N - Clearly.
Source: 4 years as a Developer in Dynamics 365 CE.
Explanation: UpdateRecord is async.The function gets called and then the 21st line gets run directly after. After the callback async function finishes, the success/errorcallback-alert will be shown. The 3. Statement even says "always" - which is a clear indicator for a false statement here.

upvoted 6 times

CinthiaN 2 years ago

IMO - Yes, No, Yes

upvoted 2 times

crismadalina 2 years ago

Yes,no,no

upvoted 4 times

shibax 2 years ago

Y,N,N is correct!

upvoted 6 times

shibax 2 years ago

Y,N,Y is correct

upvoted 5 times

HelloWorldHere 2 years, 1 month ago

Yes No No

upvoted 7 times

wwwtmmm 2 years, 1 month ago

Yes NO NO

upvoted 7 times

ilopepa 2 years, 2 months ago

1) Yes
2) No - There would be a compilation error
3) The 21st line would be executed right after calling of updateRecord method, which being an asynchronous method, doesn't block execution -> hence line 21 would be executed before success/error callbacks

upvoted 11 times

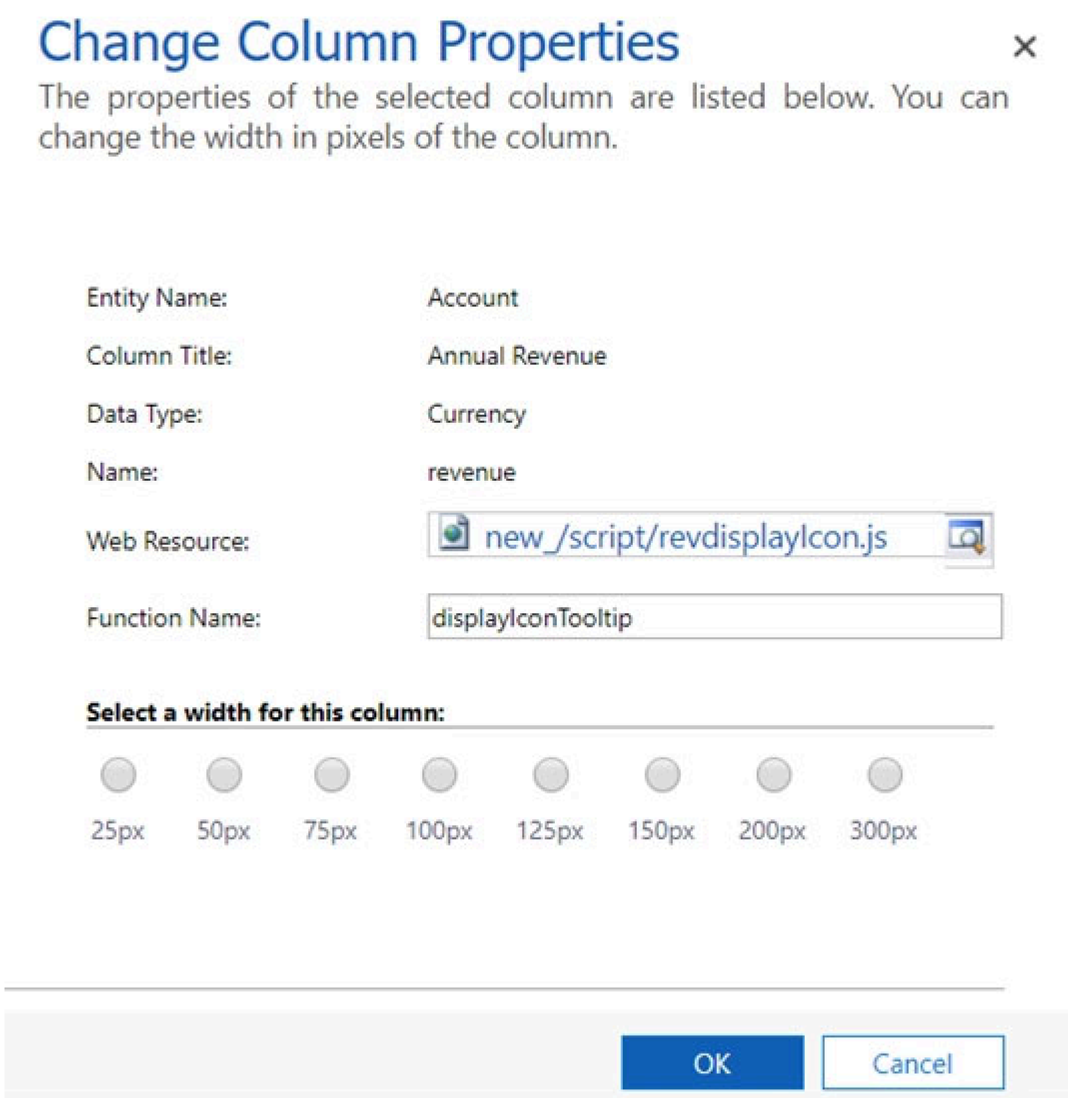
Question #6 *Topic 5*

HOTSPOT -

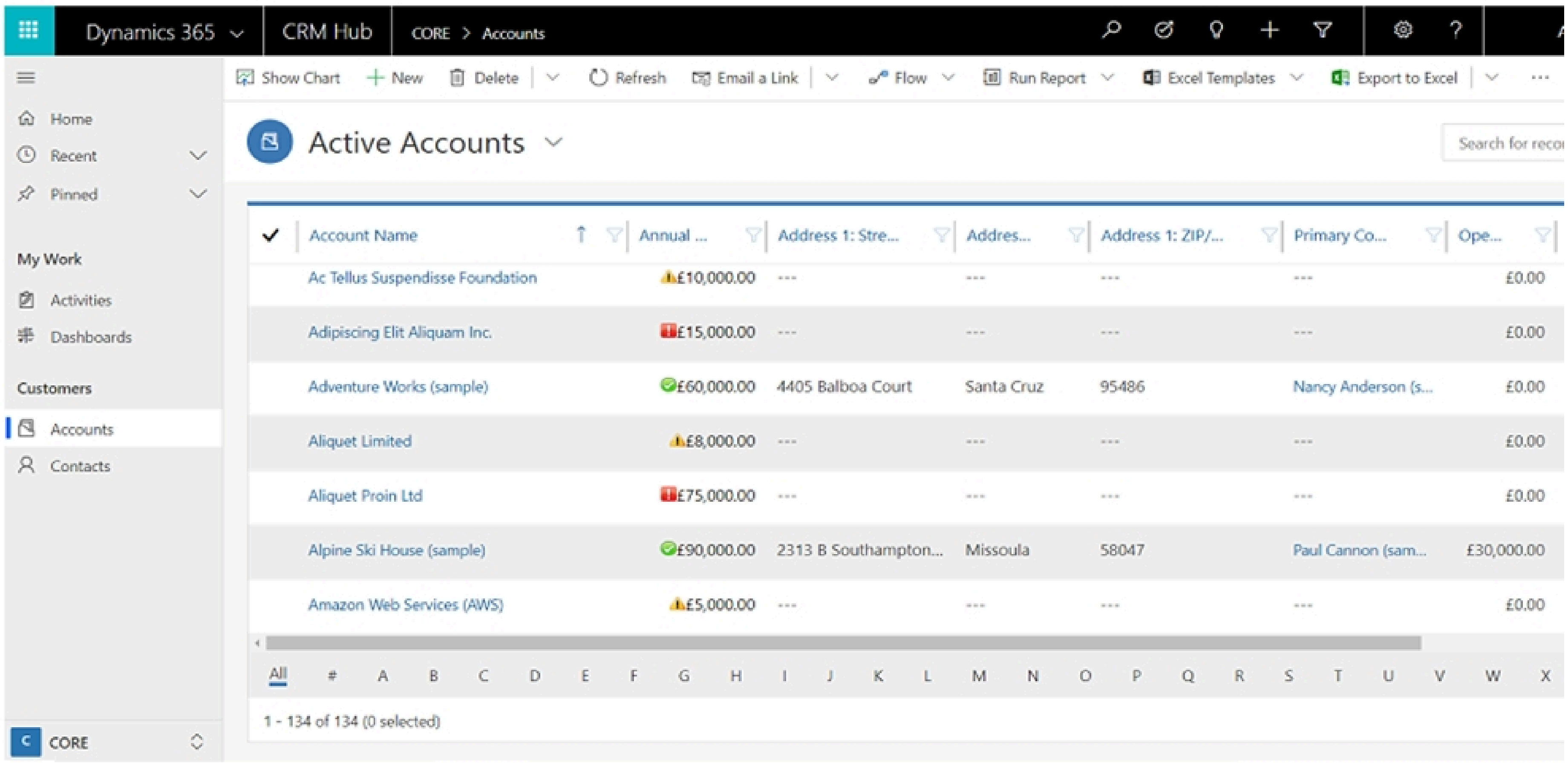
You have the following JavaScript function: (Line numbers are included for reference only.)

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

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



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



You need to determine why the incorrect icons are being displayed.

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

Hot Area:

Answer Area

Statements	Yes	No
If the Previous Year Annual Revenue column is in the Active Accounts view but has a null value, the selected imgName is set to **new_good** for Accounts that have an Annual Revenue greater then **0**.	○	○
If the Previous Year Annual Revenue column is included in the Active Accounts view, an exception is raised and an error is displayed.	○	○
The userLCID can be used to gain access to users' Language settings in personal options and change the tooltip to their chosen language.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
If the Previous Year Annual Revenue column is in the Active Accounts view but has a null value, the selected imgName is set to **new_good** for Accounts that have an Annual Revenue greater then **0**.	○	●
If the Previous Year Annual Revenue column is included in the Active Accounts view, an exception is raised and an error is displayed.	○	●
The userLCID can be used to gain access to users' Language settings in personal options and change the tooltip to their chosen language.	●	○

Box 1: No -

parseFloat will return 'NaN' if it's not a number (null and undefined are NaNs).

Box 2: No -

Box 3: Yes -

Session.userLCID is the Locale ID for the ASP application.
Reference:
https://support.microsoft.com/en-us/help/229690/how-to-set-the-asp-locale-id-per-the-browser-s-language-settings

Jipok Highly Voted 2 years, 5 months ago
1. No, parsefloat(null) will return NaN.
2. No.
3. Yes.
upvoted 20 times

Flatternschuchtern 1 year, 5 months ago
I, too, agree
upvoted 1 times

Jnicosia 2 years, 1 month ago
I agree
upvoted 1 times

HasanAamir11 Most Recent 5 months, 3 weeks ago
1.NO
2.NO
3.Yes
LCID " can be used " .
upvoted 1 times

Fyrus 1 year, 1 month ago
The questions is not asking if LCID IS BEING USED to do something, it says "IT CAN" and yeap, it CAN be used to display different tooltips for different languages so it's Yes NNY
upvoted 1 times

northstar88 1 year, 5 months ago
3. No.
LCID isn't being used anywhere in the script to determine which tooltip being used.

So NNN.
upvoted 1 times

xanr4711 1 year, 6 months ago
Should be No No No...
In this code the Tooltip is set to a fixed value and not LCID dependend
upvoted 1 times

Kunterbunt 1 year, 5 months ago
But it says "CAN be used" and yes, you can use it to display different Tooltips for different languages here.
upvoted 2 times

BunkMoreland 1 year, 6 months ago
I know the LCID is passed a parameter but where does it show that it is being used to generate the tooltip ??
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

crismadalina 2 years ago
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/display-custom-icons-instead?view=op-9-1
upvoted 2 times

Question #7 *Topic 5*

HOTSPOT -

You develop the following JavaScript code for a web resource that will be used in a model-driven app.

```
function CheckAccountRating(executionContext) {
    var formContext = executionContext.getFormContext();
    var baseUrl = Xrm.Utility.getGlobalContext();
    var id = formContext.data.entity.getId();
    var url = baseUrl + "/api/data/v9.1/accounts(" + id + ")?$select=accountratingcode"

    var req = new XMLHttpRequest();
    req.open("GET", url, false);
    req.setRequestHeader("OData-MaxVersion", "4.0");
    req.setRequestHeader("OData-Version", "4.0");
    req.setRequestHeader("Accept", "application/json");
    req.setRequestHeader("Content-Type", "application/json; charset=utf-8");
    req.onreadystatechange = function () {
        if (this.readyState === 4) {
            req.onreadystatechange = null;
            if (this.status === 200) {
                var result = JSON.parse(this.response);
                if (result["accountratingcode"] == 4) {
                    alert("Test");
                }
            }
        }
    };
    req.send();
}
```

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

	Yes	No
The code raises the following exception: Interact with HTTP and HTTPS resources asynchronously (web-use-async.).	○	○
The code raises the following exception: Use strict equality operators (web-use-strict-equality-operators).	○	○
The code raises the following exception: Avoid including debug script in non-development environments (web-remove-debug-script).	○	○

Correct Answer:

Answer Area

	Yes	No
The code raises the following exception: Interact with HTTP and HTTPS resources asynchronously (web-use-async.).	●	○
The code raises the following exception: Use strict equality operators (web-use-strict-equality-operators).	○	●
The code raises the following exception: Avoid including debug script in non-development environments (web-remove-debug-script).	○	●

Box 1: Yes -

Problem patterns: Web-use-async -

There are multiple ways to interact with the server or request resources. Common approaches that allow for synchronous communications include the following

(These scenarios should be avoided.):

⇨ Usage of the XMLHttpRequest object passing in false for the value of the async parameter for the open function call var requestXhr = new XMLHttpRequest();

// Explicitly setting the async parameter to false or supplying a variable with a value of false will force this as a synchronous call.

requestXhr.open('GET', '/test/test.txt', false);

Box 2: No -
=== - Strict Equality Comparison is already used in the code.

Box 3: No -
No debugger statement in the code, so web-remove-debug-script (avoid including debug script in non-development environments) does not apply.
Reference:
https://docs.microsoft.com/sr-cyrl-rs/powerapps/developer/model-driven-apps/best-practices/business-logic/interact-http-https-resources-asynchronously https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Strict_equality

Vivinator1 Highly Voted 2 years, 6 months ago
box 2 should be YES also because strict equality compare is missing in line 18.
upvoted 42 times

JorgeC 2 years, 4 months ago
You are right!
upvoted 1 times

getazusername 2 years, 4 months ago
You right thanks bro.
upvoted 1 times

nivanpee Highly Voted 2 years, 1 month ago
Correct answer is YYN
upvoted 7 times

yuko17 Most Recent 8 months, 4 weeks ago
Yes、Yes、No
upvoted 1 times

Jimmyplus05 1 year, 1 month ago
Correct Answer is
Yes
Yes
No
upvoted 2 times

xanr4711 1 year, 6 months ago
shouldn't the code crash cause baseurl is not a url??
upvoted 2 times

j3 1 year, 10 months ago
YNN
For Q2 - you have to 'use strict' within every new function
upvoted 4 times

Fyrus 1 year, 1 month ago
I agree with you. Warnings != Exception
upvoted 1 times

StefanGrigorescu 1 year, 5 months ago
Could you explain your observation more in detail, please?
upvoted 1 times

jayjayone 1 year, 5 months ago
only if you write 'use strict' on top of your code you will get an exception, if you don't write 'use strict' you'll only get a warning
upvoted 3 times

Question #8 *Topic 5*

A company is creating a Power Apps portal to collaborate with vendors.
You need to implement custom functionality in the portal by using JavaScript code.
Which two portal entities can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Web pages

B. Web resources

C. Webforms

D. Entity lists

Correct Answer: *CD*
C: The Web Form Step record contains a field named Custom JavaScript that can be used to store JavaScript code to allow you to extend or modify the form's visual display or function.
D: You can add custom Javascripts to Entity lists.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/add-custom-javascript https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/entity-lists#add-custom-javascript

Community vote distribution
AD (100%)

constantinm Highly Voted 2 years, 10 months ago
Correct answer: CD
https://docs.microsoft.com/en-us/learn/modules/extend-power-app-portals/3-portal-javascript
In addition, the Entity Lists, Entity Forms, and Web Forms features include a custom JavaScript field that allows developers to add scripts that implement the required functionality
upvoted 32 times

ClairFraser 1 year, 9 months ago
Agree.
https://docs.microsoft.com/en-us/learn/modules/extend-power-app-portals/3-portal-javascript

" ...custom JavaScript can be added directly to a portal page in the Power Apps portals Studio source code editor and to web templates... In addition, the Table Lists, Table Forms, and Web Forms features include a custom JavaScript column that allows developers to add scripts that implement the required functionality."
upvoted 1 times

Hendrikdb 2 years, 10 months ago
There is no way to add it to webform. Webformstep would be correct but not webform
upvoted 1 times

KenCraw 2 years, 9 months ago
In addition, the Entity Lists, Entity Forms, and Web Forms features include a custom JavaScript field that allows developers to add scripts that implement the required functionality.

From the docs they linked above.
upvoted 1 times

btc3100 2 years, 5 months ago
In addition to portal pages.
upvoted 1 times

KenCraw 2 years, 9 months ago
Going with this, since it says it black + white in one sentence and they usually pull from docs terminology.
upvoted 2 times

bgof Highly Voted 2 years, 12 months ago
Correct answer Web Pages and Entity List
upvoted 25 times

HasanAamir11 Most Recent 5 months, 3 weeks ago
AD is correct
upvoted 1 times

jkaur 6 months, 2 weeks ago
CD should be
upvoted 1 times

yuko17 8 months, 3 weeks ago
Selected Answer: AD
Correct answer: A. Web pages,D. Entity lists
upvoted 1 times

No_Doubt 1 year, 3 months ago
Selected Answer: AD
By elimination ACD

And then because Web Form doesn't have an area for custom JS but in its related steps

The answer is Web page & Entity list (A & D) since both have areas for custom JS
upvoted 3 times

BeginLearningforPP 1 year, 5 months ago
Selected Answer: AD
Correct answer web pages, entity list
upvoted 1 times

Shogun 2 years, 4 months ago
Web pages and Entity lists are correct.
upvoted 3 times

ETU69 2 years, 4 months ago
Correct answers for me are: Web forms and Entity lists.

In addition, the Table Lists, Table Forms, and Web Forms features include a custom JavaScript column that allows developers to add scripts that implement the required functionality.

https://docs.microsoft.com/en-us/learn/modules/extend-power-app-portals/3-portal-javascript
upvoted 2 times

happy777 2 years, 5 months ago
I think the provided answer is correct
https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/add-custom-javascript
upvoted 1 times

CDDT 2 years, 10 months ago
Correct:
A: https://www.cloudfronts.com/using-javascript-write-d365-crm-portals/
D: https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/entity-lists#add-custom-javascript
upvoted 3 times

saadnadir 2 years, 11 months ago
WebPage & Entity List
upvoted 3 times

FDC 2 years, 11 months ago
Web Pages and Entity List are correct for me
upvoted 6 times

paulojorge 2 years, 11 months ago
After check documentation, I don't know nothing about Portals, seems CD is correct. Web Form Step, is a component inside Web Form. Can anyone show a link with Web Pages and Custom .js; I don't see anywhere.
upvoted 3 times

malyaban 2 years, 11 months ago
Note the mention of Portal Entities - Entity List is not an entity but both web page and web form are, web form step is also not an entity.
upvoted 1 times

YuHuang 3 years ago
Web Pages also allow custom javascript. I think the answer should be A, C. Because Web Form Step is allowed custom javascript, not Web Form.
upvoted 8 times

> **YuHuang** 3 years ago
> Web Pages also allow custom javascript. I think the answer should be A, D. Because Web Form Step is allowed custom javascript, not Web Form.
> upvoted 10 times
>
> > **marciomanini** 3 years ago
> > Now I agree!
> > upvoted 2 times

Yuro 2 years, 11 months ago

agreee

upvoted 1 times

Prakash4691 3 years ago

yes, we can write in localized content of the webpage in advanced section.

upvoted 6 times

Question #9 *Topic 5*

HOTSPOT -

You need to develop a set of Web API's for a company.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Operation
Implement operations that do not have side effects and may support further composition	Functions Actions Entities
Implement operations that allow side effects, such as data modification	Functions Actions Entities
Implement keyless named structured types that consist of a set of properties	Complex types Entity types Enumeration types

Correct Answer:

Answer Area

Requirement	Operation
Implement operations that do not have side effects and may support further composition	Functions Actions Entities
Implement operations that allow side effects, such as data modification	Functions Actions Entities
Implement keyless named structured types that consist of a set of properties	Complex types Entity types Enumeration types

Box 1: Functions -

most functions and services that are stateless and do not have side effects.

Box 2: Actions -

Actions can have side effects.

Box 3: Complex types -

Complex types -
Complex types are keyless named structured types consisting of a set of properties. These are value types whose instances cannot be referenced outside of their containing entity. Complex types are commonly used as property values in an entity or as parameters to operations.
Incorrect:
* An entity type is a named structured type with a key. It defines the named properties and relationships of a table.
* Enumeration types are named primitive types whose values are named constants with underlying integer values.
Type definitions are named primitive types with fixed facet values such as maximum length or precision. Type definitions can be used in place of primitive typed properties, for example, within property definition
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/use-web-api-actions https://docs.microsoft.com/en-us/odata/concepts/data-model#complex-types

HasanAamir11 5 months, 3 weeks ago
The answers are correct
upvoted 1 times

MikeAWS 6 months ago
Yes correct: 1. Functions, 2. Actions and 3. Complex types.

1. Requirement: Implement operations that do not have side effects and may support further composition.
Solution: Functions

Functions in a software context refer to operations that take input parameters and return a result, without causing any side effects or modifying the state of the system.

2. Requirement: Implement operations that allow side effects, such as data modification.
Solution: Actions

Actions in a software context are operations that can have side effects, such as modifying data in a system.

3. Requirement: Implement keyless named structured types that consist of a set of properties.
Solution: Complex types

Complex types are keyless named structured types that consist of a set of properties.
upvoted 2 times

whiteblack 9 months, 2 weeks ago
Correct
upvoted 1 times

AADAK 1 year, 5 months ago
correct
upvoted 1 times

EssaKhader 1 year, 5 months ago
Correct
upvoted 1 times

Question #10 *Topic 5*

You are developing an app that uses Common Data Service.
You must integrate Common Data Service with a new web application. You must allow the new web application to display data from Common Data Service.
You build a single-page web application using the Web API.
You need to authenticate your app using OAuth.
What should you use?

A. Windows Communication Foundation (WCF)

B. Cross-Origin Resource Sharing (CORS)

C. Microsoft Authentication Library (MSAL)

D. Kerberos authentication

Correct Answer: *B*
You can create a Single-Page Application (SPA) which uses JavaScript to work with Microsoft Dataverse (Common Data Service) data. To provide this, Cross-
Origin Resource Sharing (CORS) is enabled so that your SPAs can bypass browser restrictions that normally prevent requests that cross domain boundaries.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/oauth-cross-origin-resource-sharing-connect-single-page-application

Community vote distribution
C (88%) 12%

appari Highly Voted 2 years, 2 months ago
Selected Answer: C
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/authenticate-oauth
upvoted 15 times

MikeAWS Most Recent 6 months ago
Solution: Microsoft Authentication Library (MSAL)

To authenticate your web application with OAuth and access data from Common Data Service, you should use the Microsoft Authentication Library (MSAL). MSAL provides authentication and authorization capabilities for various Microsoft services, including Common Data Service. It allows you to obtain access tokens that can be used to make authorized requests to the Common Data Service Web API.

Cross-Origin Resource Sharing (CORS) is a security feature that enables web applications to make requests to a different domain than the one from which the web page originated. While CORS might be relevant in enabling your web application to access resources from different domains, it's not directly related to OAuth-based authentication and accessing data from Common Data Service.
upvoted 2 times

alloylo 7 months, 3 weeks ago
The suggested answer is correct CORS since the question ask for web application accessibility and not the users. " CORS provides a way to gain access to resources on another domain. "
upvoted 1 times

rober13 1 year, 2 months ago
Selected Answer: B
"Use OAuth with Cross-Origin Resource Sharing to connect a Single-Page Application"
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/oauth-cross-origin-resource-sharing-connect-single-page-application?source=recommendations
upvoted 3 times

V05 1 year, 1 month ago
CORS is just enabled, but to authenticate, need to use MSAL as provided in the same link you provided :- Since Dataverse users are authenticated using Azure Active Directory, MSAL.js is the supported way to authenticate SPA users.
upvoted 2 times

V05 1 year, 1 month ago
Also, Instead you can use the Microsoft Authentication Library for JavaScript (MSAL.js) 2.0 for Browser-Based Single-Page Applications and it will take care of much of the CORS complexity for you.
upvoted 1 times

juan54 1 year, 4 months ago

B
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/oauth-cross-origin-resource-sharing-connect-single-page-application?source=recommendations
upvoted 3 times

rober13 1 year, 2 months ago
After, I read your reference, i agree with you. The artible explain "Use OAuth with Cross-Origin Resource Sharing to connect a Single-Page Application"
upvoted 2 times

ppguru 2 years ago
Selected Answer: C
OAuth requires an identity provider for authentication. For Dataverse, the identity provider is Azure Active Directory (AAD). To authenticate with AAD using a Microsoft work or school account, use the Azure Active Directory Authentication Libraries (ADAL) or Microsoft Authentication Library (MSAL).
upvoted 4 times

crismadalina 2 years ago
Selected Answer: C
corrct
upvoted 2 times

CinthiaN 2 years ago
Selected Answer: C
OAuth requires an identity provider for authentication. For Dataverse, the identity provider is Azure Active Directory (AAD). To authenticate with AAD using a Microsoft work or school account, use the Azure Active Directory Authentication Libraries (ADAL) or Microsoft Authentication Library (MSAL).
upvoted 2 times

shibax 2 years ago
correct.
upvoted 1 times

shibax 2 years ago
sorry，the correct answer is C:MSAL
upvoted 1 times

fady1 2 years, 1 month ago
Kerberos is OAuth
upvoted 1 times

sumiiiiiiiii 2 years, 1 month ago
Yes answer is C
upvoted 3 times

sumiiiiiiiii 2 years, 2 months ago
Yes answer is C
upvoted 3 times

nivanpee 2 years, 2 months ago
Answer should be C
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/authenticate-oauth
upvoted 3 times

Question #11 *Topic 5*

HOTSPOT -

A company has a model-driven app.

A custom button on a form calls a JavaScript function that validates form data fields and creates a web basket. The JavaScript function then displays a message to the user.

Users are located in the United States, which uses ISO Code 1033, and France, which uses ISO Code 1036.

Users in France report that the message displays in English.

You need to modify the RibbonDiffXml file to ensure that messages appear in the user's language.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
<CommandDefinitions>
 <CommandDefiniion Id= "GenerateBasket.Command">
    <Actions>
      <JavaScriptFunction FunctionName=" generatebasket"
Library="$webresource:mb_/scripts/basket.js">
     < [▼] Value=" [▼] " />
       CrmParameter        1033
       IntParameter        1036
       StringParameter     OrgLcid
                           UserLcid
        </JavaScriptFunction>
       </Actions>
     </CommandDefinition>
  </CommandDefinitions>
```

Correct Answer:

Answer Area

```
<CommandDefinitions>
 <CommandDefiniion Id= "GenerateBasket.Command">
    <Actions>
      <JavaScriptFunction FunctionName=" generatebasket"
Library="$webresource:mb_/scripts/basket.js">
     < [▼] Value=" [▼] " />
       CrmParameter        1033
       IntParameter        1036
       StringParameter     OrgLcid
                           UserLcid
        </JavaScriptFunction>
       </Actions>
     </CommandDefinition>
  </CommandDefinitions>
```

Box 1: CrmParameter -

In addition to data values, you can retrieve client context information by using <CrmParameter>. You can use the following options as the value for the

CrmParameter element: OrgName, OrgLcid, and UserLcid.

Box 2: UserLcid -

userLCID is the language code of the current user.

Note: A locale is a set of user preference information related to the user's language. The locale determines how dates, times, currencies, and numbers are formatted, how items are alphabetically sorted, and how strings are compared. The locale identifier (LCID) is a 32-bit value that uniquely defines a locale.

Reference:

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/customize-dev/pass-dynamics-365-data-page-parameter-ribbon- actions

Atlantitian Highly Voted 3 years, 1 month ago

Correct URL - https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/customize-dev/pass-dynamics-365-data-page-parameter-ribbon-actions

upvoted 37 times

Jnicosia 2 years, 1 month ago

IMO
A) CrmParameter
B) orglcid, because Language code identifier that represents the base language for the organization. (User in France report that message diplayes in English).

upvoted 2 times

nivanpee 2 years, 1 month ago

No you're wrong! B = UserLcid, read the question again... its asking you to display the text in the user's language

upvoted 4 times

Jnicosia 2 years ago

OK, I agree

upvoted 3 times

Dean0918 2 years, 11 months ago

Thanks a lot!

upvoted 2 times

Question #12 Topic 5

HOTSPOT -

A company has a model-driven app that captures applications from prospective students.

You are asked to create a new re-usable custom component using the Power Apps component framework (PCF).

The custom component must allow entry of a date of birth and validate that the applicant is not a minor.

You create the class AdultDatePicker in the TypeScript file Index.ts and the style sheet DatePicker.css.

You need to define the component to be available only for relevant fields and its properties when used in a form.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
<?xml version= "1.0" encoding= "utf-8"?>
<manifest>
    <control namespace= "delegate" constructor= [ ▼ ]
                                                 Index.ts
                                                 DatePicker.css
                                                 AdultDatePicker
  version= "1.0.0" display-name-key= "Date Picker" description-key= "Date of Birth
 Date Picker that validates if a minor" control-type= "standard">
      <property name= "value" display-name-key= "Value" description-key= "Value" of-
 type= [ ▼ ]                              usage= [ ▼ ]
        Enum                                      bound
        DateandTime.DateandTime                   input
        DateandTime.DateOnly
 required= "true" />
      <resources>
           <code path= "Index.ts" order= "1"/>
               <css path= "css/DatePicker.css" order= "1" />
           </resources>
        </control>
      </manifest>
```

Correct Answer:

Answer Area

```
<?xml version= "1.0" encoding= "utf-8"?>
<manifest>
    <control namespace= "delegate" constructor= [ ▼ ]
                                                 Index.ts
                                                 DatePicker.css
                                                 AdultDatePicker
  version= "1.0.0" display-name-key= "Date Picker" description-key= "Date of Birth
 Date Picker that validates if a minor" control-type= "standard">
      <property name= "value" display-name-key= "Value" description-key= "Value" of-
 type= [ ▼ ]                              usage= [ ▼ ]
        Enum                                      bound
        DateandTime.DateandTime                   input
        DateandTime.DateOnly
 required= "true" />
      <resources>
           <code path= "Index.ts" order= "1"/>
               <css path= "css/DatePicker.css" order= "1" />
           </resources>
        </control>
      </manifest>
```

Box 1: AdultDatePicker -

Constructor: Constructor of the code component.

Box 2: DateandTime.DateOnly -

Date Only - No Time zone conversion.

The time portion of the value is always 12:00AM.

The date portion of the value is stored and retrieved as specified in the UI and Web services.

Box 3: bound -

usage: Has two properties, bound and input. Bound properties are bound only to the value of the field. Input properties are either bound to a field or allow a static value.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/manifest-schema-reference/manifest

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/implementing-controls-using-typescript

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/behavior-format-date-time-field

Jett27 9 months, 4 weeks ago

The usage property identifies if the property is meant to represent a column that the component can change (bound) or read-only values (input)

upvoted 3 times

RexinCP 1 year, 2 months ago

I think this is correct?

upvoted 1 times

Imagar 1 year, 2 months ago

seems like yes

upvoted 1 times

Question #13 *Topic 5*

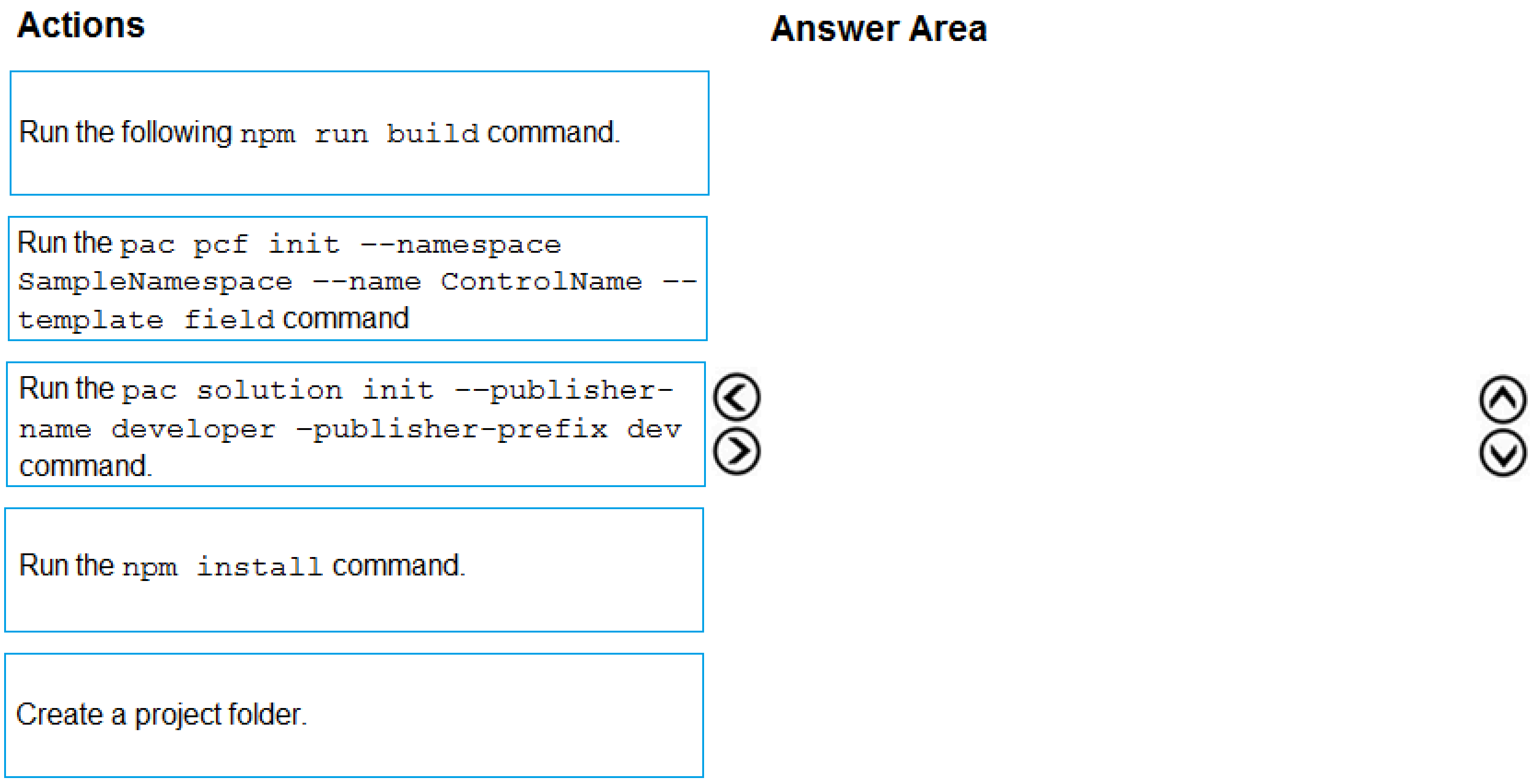
DRAG DROP -

An organization has a Dynamics 365 Sales environment.

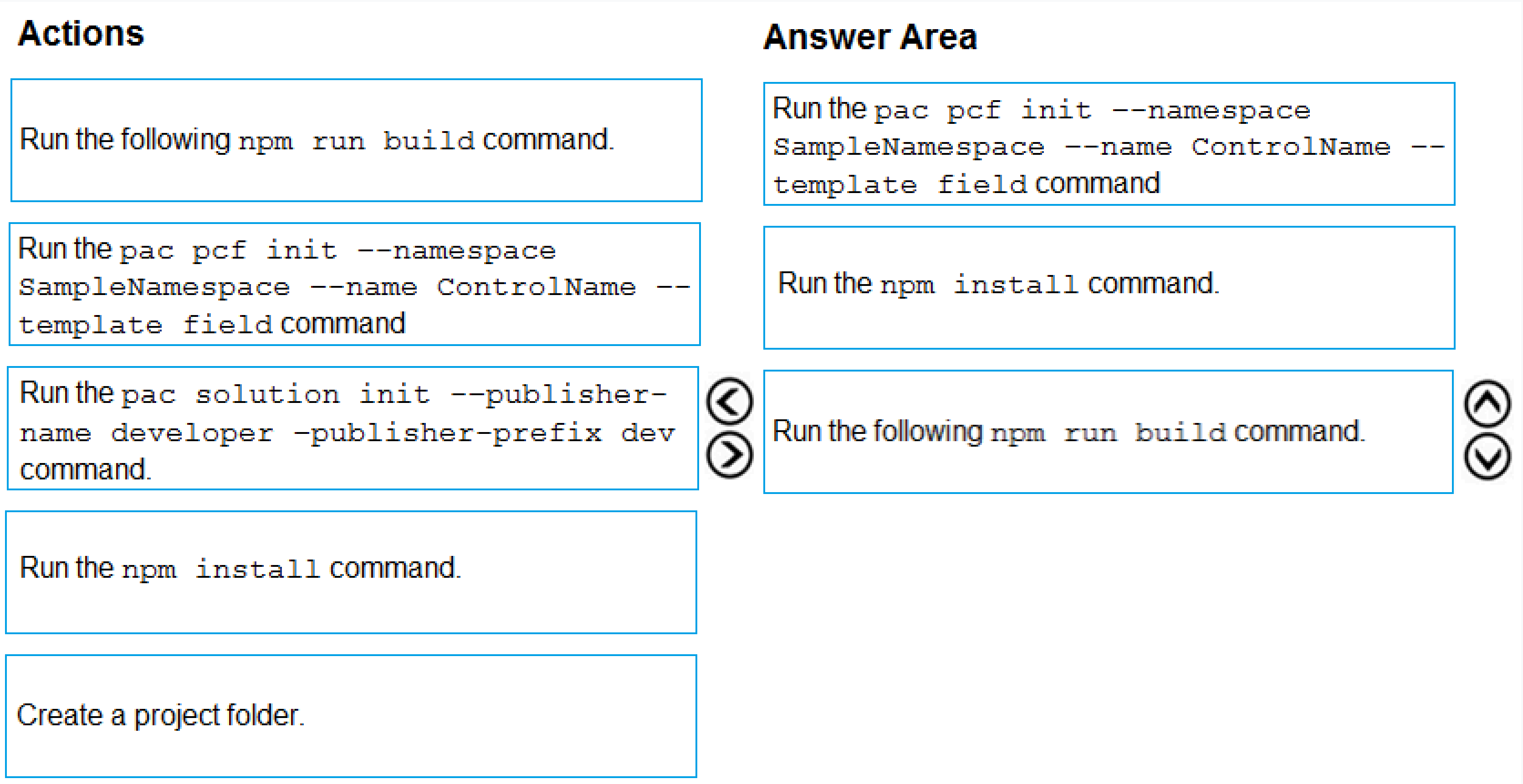
You need to create a Power Apps component.

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

Select and Place:



Correct Answer:



Step 1: Run pac pcf init ג€"namespace ..

This is the first command which creates basic folder structure of PCF control project.

Run the following command to create the control. The format of the control is: pac pcf init ג€"namespace <specify your namespace here> ג€"name <put component name here> ג€"template <component type>

Step 2: Run the npm install command

Install Dependencies -

Once 'init' sets up the basic folder, as a next step install all the PCF control dependencies using 'npm install' command.

Example:

```
C:\source\PCF\HelloWorld>npm install
npm WARN deprecated opn@6.0.0: The package has been renamed to `open`
npm WARN pcf-project@1.0.0 No repository field.
npm WARN pcf-project@1.0.0 No license field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.9: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 653 packages from 497 contributors and audited 10328 packages in 19.295s
found 0 vulnerabilities
```

Now at this point, there is nothing we have actually created. However, the solution created contains sample PCF control code.

Step 3: Run the following np run build command

Build PCF Component.

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

Syntax:

npm run build

```
> pcf-scripts build

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

Reference:

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

igor_luan13 Highly Voted 3 years ago

The Correct is:
Create a project folder
Run the pact pcf init
Run the npm install command

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf

upvoted 86 times

yuko17 8 months, 4 weeks ago

I agree with igor_luan13's post

Answer:
Create a project folder.
Run pact pcf init.
Run the npm install command.

The pact pcf init command in question does not include "--run-npm-install". Therefore, "npm install" must be run again.

upvoted 2 times

Thota123 2 years ago

According to the above link 'pac pcf init' command also runs the 'npm install' command ... so the third step should be to build which .i.e. step 3 - 'npm run build'

upvoted 7 times

uberlord 6 months ago

only because they added it right at the end of the code, you have to scroll across to see it included (which it isnt in this code example for the question) so we would still need to run the install command straight after pac pcf init as per https://learn.microsoft.com/en-us/training/modules/get-started-component-framework/3-tooling

upvoted 1 times

DeVries 1 year, 11 months ago

Agree. The steps are literally described in the link
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf
1. Create folder
2. npm pcf init
3. rpm run build
Other combination does not make sense. e.g. npm pcf already runs npm install.

upvoted 9 times

crismadalina 2 years ago

The request is to create the component,not to build. And between create and build there are needed some code implementation. So I am agreeing that the order is
1.Create a project folder
2.Run the pact pcf init
3.Run the npm install command

upvoted 4 times

powerMaster 1 year, 11 months ago

the install command is included in the init, so you do not need to call it again. rather call the build at the end

upvoted 3 times

majklik Highly Voted 2 years, 9 months ago

Order is correct. There is newer version of Microsoft steps here https://docs.microsoft.com/en-us/learn/modules/get-started-component-framework/3-tooling

upvoted 17 times

SashM 1 year, 1 month ago

This is correct one. Other reference looks like for Microsoft Power Platform CLI Component. https://docs.microsoft.com/en-us/learn/modules/get-started-component-framework/3-tooling is correct reference for the Power apps component.

upvoted 1 times

uberlord Most Recent 6 months ago

given answer is correct as per
https://learn.microsoft.com/en-us/training/modules/get-started-component-framework/3-tooling

upvoted 1 times

jkaur 6 months, 2 weeks ago

Create a project folder
Run the pact pcf init
Run the npm install command

upvoted 1 times

anotherlameaccount 8 months, 1 week ago

in the DOC : https://learn.microsoft.com/en-us/power-apps/developer/component-framework/create-custom-controls-using-pcf
you have the pac pcf -init with --run-npm-install at the end. This is missing from the command in the question. 3rd step is npm install

upvoted 2 times

PGG 1 year, 3 months ago

So nice when official documentation just contradicts each other...
NO need of npm i ->https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf
NEED of npm i -> https://docs.microsoft.com/en-us/learn/modules/get-started-component-framework/3-tooling

upvoted 1 times

HelenJose 2 years, 3 months ago

Correct Order :
Create a Project Folder
run pac pcf init (command will also run npm install command for you to retrieve all the required project dependencies)
npm run build command
Ref : https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf

upvoted 15 times

Paul21534 2 years, 5 months ago

Answer looks correct:
https://docs.microsoft.com/en-us/learn/modules/get-started-component-framework/4a-demo

upvoted 2 times

Aedu 2 years, 5 months ago

I think problem is that we don't know if MS has updated the correct answer after they indroduced pac init with automatic call of npm install. PL-400 is quiet old now. Do you have any ideas?

upvoted 5 times

BunkMoreland 2 years, 5 months ago

Correct answer is :

Create project folder
Run pac pcf init
Run npn install

upvoted 2 times

stooperda101 2 years, 6 months ago

according to the below, pcf inti will also run npm install automatically, so 1. create folder, 2. pcf init 3. npm run build

upvoted 9 times

ETU69 2 years, 4 months ago

I agree.

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf
upvoted 2 times

Daniel1992 2 years, 9 months ago
I think the question missed the word Framework. The are two things, Power Apps Components and Power Apps Components Framework (PCF)
upvoted 2 times

ripperCrew 3 years ago
I think since running the PAC PCF Init command already creates the project folder there is no need to create a Project Folder by yourself
upvoted 8 times

Mnarmeen 2 years, 11 months ago
Yes it does, but the Microsoft docs also mentions to create a new project folder and then navigate to it and run the commands.
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/create-custom-controls-using-pcf
upvoted 4 times

tigerhalsey 3 years, 1 month ago
You should be creating the Project Folder first to hold all the solution files
upvoted 3 times

Question #14 *Topic 5*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a model-driven app for a company.
When you create a new Account record, you must automatically display a form to collect data that is needed to create a Contact record. The form must switch to the appropriate form layout based on the contact type.
You open the Contact form by using JavaScript. You pass the contact type information to the form by using the Xrm.Navigation.openForm function. An OnLoad event handler in the Contact form processes the data and shows only the appropriate sections of the form for the given contact type.
You need to configure the receiving form to accept the data parameter.
Solution: In the form editor, add an event handler for the data parameter.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*
By default, model-driven apps allows a specified set of query string parameters to be passed to a form. You use these parameters to set default values when you create a new record in the application. Each parameter must use a standard naming convention that includes a reference to the column logical name.
There are two ways to specify which query string parameters will be accepted by the form:
- Edit form properties
- Edit form XML

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

Community vote distribution
A (71%) B (29%)

Juan86 5 months, 2 weeks ago
Selected Answer: A
Answer:A. Since we can use the event handler to communicate the data parameter info
upvoted 1 times

HasanAamir11 5 months, 3 weeks ago
Selected Answer: B
The given answer No is correct
upvoted 1 times

jkaur 6 months, 2 weeks ago
No should be
upvoted 2 times

DimpleG 1 year, 1 month ago
Selected Answer: A
In order to pass the contact type information to the Contact form, you can use the Xrm.Navigation.openForm function which allows you to pass additional parameters along with the form. By adding an event handler for the data parameter in the Contact form, the form will be able to process the data and show only the appropriate sections of the form for the given contact type.
This will meet the requirement of automatically displaying a form to collect data that is needed to create a Contact record and switch to the appropriate form layout based on the contact type.
It's important to note that the event handler for the data parameter should be added in the form editor, and it should be able to process and handle the data passed to it.
upvoted 4 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 2 times

L_2020 1 year, 7 months ago

Makes no sense to pass an event handler for the data parameter to accept the data parameter, we could use the form properties parameters here instead

upvoted 3 times

Uiey 1 year, 8 months ago

Selected Answer: B

Yes, I guess the given answer is correct. You don't want to pass an event handler for the data parameter.

upvoted 1 times

Whataboutno 1 year, 11 months ago

Is it correct?

upvoted 1 times

Question #15 *Topic 5*

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

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

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

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

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

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

Solution: In the form editor, add a web resource that sets formContext.data.attributes.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

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

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

- Edit form properties
- Edit form XML

Reference:

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

Community vote distribution

B (100%)

DimpleG 1 year, 1 month ago

Selected Answer: B

The solution provided does not fully meet the goal. While it is true that adding a web resource that sets formContext.data.attributes can be used to configure the receiving form to accept data parameters, it does not explain how the form processes the data and shows only the appropriate sections of the form based on the contact type.

To meet the goal, you need to use JavaScript to add an OnLoad event handler to the Contact form that processes the data passed from the Account form and shows only the appropriate sections of the form based on the contact type.

upvoted 2 times

BlueP 1 year, 8 months ago

correct, duplicate of a previous answer

upvoted 1 times

Question #16 *Topic 5*

You are creating a model-driven app.
A JavaScript function must be manually initiated by the user from within an entity form.
You need to add a button to the form to run the JavaScript.
What should you do?

A. Use the Ribbon Workbench.

B. Edit the SiteMap.

C. Edit the XML for the form.

D. Edit ISV.Config.

E. Export the ribbon definitions.

Correct Answer: *A*
How to add JavaScript to existing button in Ribbon WorkBench.
Open Ribbon workbench and Right click on Assign button from Account form and click on Customize Button. Add Enable rule and call Javascript function.
Note: An Entity Form is a way to show a form in your Dynamics 365 Portal to allow your users to enter data.
You can use the Ribbon workbench for Dynamics 365 to add a custom button on entity form in Account with JavaScript action.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/customize-commands-ribbon https://docs.microsoft.com/en-us/dynamics365/customer-service/configure-link-to-conversation-model-driven-app-form

Community vote distribution
A (100%)

Jett27 9 months, 4 weeks ago
Answer is correct
upvoted 1 times

RexinCP 1 year, 2 months ago
Selected Answer: A
Correct
upvoted 3 times

Question #17 *Topic 5*

HOTSPOT -

You need to complete a Power Apps component framework (PCF) control.

How should you define the order in the manifest? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
<resources>
<code path="scripts/HelloWorldControlWave.js" order="1" />
<code path="scripts/HelloWorldControlRandom.js" order="2" />
<css path="style/HelloWorldControl.css" order="[ 1 | 2 | 3 ]" />

<html path="HelloWorldControlWaveRandom.htm" order="[ 1 | 2 | 3 ]" />
</resources>
```

Correct Answer:

Answer Area

```
<resources>
<code path="scripts/HelloWorldControlWave.js" order="1" />
<code path="scripts/HelloWorldControlRandom.js" order="2" />
<css path="style/HelloWorldControl.css" order="[ 1 ]" />

<html path="HelloWorldControlWaveRandom.htm" order="[ 1 ]" />
</resources>
```

Box 1: 1 -

The css order element is the order in which the CSS files should load.

Box 2: 1 -

The html order element is the order in which the HTML files should load.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/manifest-schema-reference/css

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/manifest-schema-reference/html

BolDeFruits 11 months, 1 week ago

html ressource seems no longer supported according to latest documentation

upvoted 1 times

Question #18 *Topic 5*

HOTSPOT -

You are developing a business process flow.

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

You need to evaluate the JavaScript code.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

JavaScript code segment	Code Result
`formContext.getControl("test_number").setVisible(false);`	Hides only the control in the body of the form Hides only the control in the business process flow Hides controls in the body of the form and the business process flow
`formContext.data.process.addOnStageChange(testFunction);`	Adds an event handler to enable a function named testFunction to run when the business process flow stage changes Adds an event handler to enable a function named testFunction to run before the business process flow stage changes Adds an event handler to enable a function named testFunction to run when the business process flow stage is selected

Correct Answer:

Answer Area

JavaScript code segment	Code Result
`formContext.getControl("test_number").setVisible(false);`	**Hides only the control in the body of the form** Hides only the control in the business process flow Hides controls in the body of the form and the business process flow
`formContext.data.process.addOnStageChange(testFunction);`	**Adds an event handler to enable a function named testFunction to run when the business process flow stage changes** Adds an event handler to enable a function named testFunction to run before the business process flow stage changes Adds an event handler to enable a function named testFunction to run when the business process flow stage is selected

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

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

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

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

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/clientapi-form-context https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-data-process/eventhandlers/addonstagechange

700157a Highly Voted 7 months ago

provided answer is correct.
If we want to hide a field in bpf from javascript, then we use the formula "header_process_" + fieldname.

upvoted 6 times

SuperRaj Most Recent 8 months, 2 weeks ago

for me: Hide control in form and Business Process Flow

upvoted 2 times

Alehn96 1 year, 2 months ago

for my.is correct answer

upvoted 4 times

Question #19 *Topic 5*

You are creating a canvas app for a bank. Consumers will enter information into the app when they apply for a loan.
The input form for the app must display fields to prompt the consumer for their first name, last name, address, and the requested loan amount.
Immediately after a consumer enters a value for the LoanAmount field, the background color for the column must change. The background color for the column must change to red if a consumer enters a value of more than $5,000 and must turn green for values less than or equal to $5,000.
You need to implement the required behavior.
Which option should you use?

A. Create a Power Automate flow.

B. Configure field properties.

C. Add a business rule to the form.

D. Add a formula to the LoanAmount field.

Correct Answer: *D*
Conditional formatting in Power Apps can be done with formulas.
Reference:
https://powerapps.microsoft.com/en-us/blog/conditional-formatting-in-powerapps/

Alehn96 Highly Voted 1 year, 2 months ago
it's correct for my, because is about a canvas app.
upvoted 5 times

Question #20 *Topic 5*

HOTSPOT -

A company has a canvas app that has a screen with a gallery of contacts.

Users must be able to search the gallery by last name, email address, and country/region. They must also be able to sort by last name, followed by country/region.

You need to define the expression that meets the requirements.

How should you complete the expression? To answer, select the appropriate options from the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

[dropdown: Sort / Filter / StartsWith / SortByColumns] (

[dropdown: Search / Filter / LookUp / SortByColumns] (

```
        Contacts,
        TextSearchBox1.Text,
        "lastname",
        "emailaddress1",
        "address1_country"
    ),
    "lastname",
    Ascending,
    "address1_country",
    Ascending
    )
```

Correct Answer:

Answer Area

```
[Sort | Filter | StartsWith | SortByColumns] (
  [Search | Filter | LookUp | SortByColumns] (
      Contacts,
      TextSearchBox1.Text,
      "lastname",
      "emailaddress1",
      "address1_country"
  ),
  "lastname",
  Ascending,
  "address1_country",
  Ascending
  )
```

(Selected: SortByColumns; Filter)

Box 1: SortByColums -

The SortByColumns function can be used to sort a table based on one or more columns.

The parameter list for SortByColumns provides the names of the columns to sort by and the sort direction per column. Sorting is performed in the order of the parameters (sorted first by the first column, then the second, and so on).

Box 2: Filter -

The Filter function finds records in a table that satisfy a formula. Use Filter to find a set of records that match one or more criteria and to discard those that don't.

Incorrect Answers:

➾ Lookup: The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches one or more criteria.

➾ Search: Search function uses a single string to match instead of a formula.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-sort

jagibe Highly Voted 1 year, 5 months ago

SortByColumns
Search

Ref: https://docs.microsoft.com/en-us/power-platform/power-fx/reference/function-filter-lookup#syntax

upvoted 31 times

SashM 1 year, 1 month ago

correct

upvoted 1 times

ziggy1117 Most Recent 6 months, 4 weeks ago

SortByColumns
Search

Search(Customers, SearchInput.Text, "Name", "Company") Similar to using the in operator, the Search function searches the Customers data source for records in which either the Name column or the Company column contains the search string (for example, co) anywhere within it. The Search function is easier to read and write than Filter if you want to specify multiple columns and multiple https://www.examtopics.com/exams/microsoft/pl-400/view/31/#in operators. You must enclose the names of the columns in double quotation marks.

https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-filter-lookup#syntax

upvoted 3 times

PowerRangers 1 year, 1 month ago

The syntax is invalid for filter

upvoted 4 times

shivdix 1 year, 1 month ago

For 2; Both Filter and Search will work. Since there is no Formula. I'll go with Search.

upvoted 1 times

Question #21 *Topic 5*

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

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

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

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

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

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

Solution: In the form editor, add a query string parameter for the data parameter.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*

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

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

- Edit form properties
- Edit form XML

When you edit a form, on the Home tab in the Form group, select Form Properties. In the Form Properties dialog box, select the Parameters tab.

Use this tab to modify the names and data types that the form allows.

Reference:

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

Community vote distribution

B (67%) A (33%)

shibax Highly Voted 2 years ago

correct

upvoted 5 times

abcthv Most Recent 1 month, 3 weeks ago

I think B is the correct answer. We can use query string parameter with window.open method (using extraqs). But with Xrm.Navigation.openForm function you need form option object.

Xrm.Navigation.openForm(entityFormOptions, parameters)

https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/set-field-values-using-parameters-passed-form

upvoted 1 times

NyarukouSAMA 5 months ago

Selected Answer: A

Due to the link provided in the description, we indeed need to configure the query string parameter on the form.

upvoted 1 times

DimpleG 1 year, 1 month ago

Selected Answer: B

The solution you provided is not the correct way to pass data to a form when using the Xrm.Navigation.openForm function.

The Xrm.Navigation.openForm method accepts an options object as a parameter, where you can pass the data that you want to pass to the form.

You can pass data to the form by including it in the options object that you pass to the openForm method.

You can use the "entityId" or "data" properties in the options object to pass data to the form.

upvoted 2 times

lesiris 1 year, 7 months ago

This set of questions was in my exam (28/07/2022)

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

Question #22 *Topic 5*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are developing a model-driven app for a company.
When you create a new Account record, you must automatically display a form to collect data that is needed to create a Contact record. The form must switch to the appropriate form layout based on the contact type.
You open the Contact form by using JavaScript. You pass the contact type information to the form by using the Xrm.Navigation.openForm function. An OnLoad event handler in the Contact form processes the data and shows only the appropriate sections of the form for the given contact type.
You need to configure the receiving form to accept the data parameter.
Solution: Export the solution, edit the customizations.xml, and add a querystringparameter element to the XML.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*
Within the exported solution customizations.xml file, immediately following the footer element, you can add a <formparameters> element.
In the <formparameters> element, add <querystringparameter> elements to specify which parameters will be allowed.
Note: By default, model-driven apps allows a specified set of query string parameters to be passed to a form. You use these parameters to set default values when you create a new record in the application. Each parameter must use a standard naming convention that includes a reference to the column logical name.
There are two ways to specify which query string parameters will be accepted by the form:
- Edit form properties
- Edit form XML

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

Community vote distribution
A (74%) B (26%)

nivanpee Highly Voted 2 years, 1 month ago
Selected Answer: A
correct
upvoted 13 times

oleav Most Recent 10 months, 3 weeks ago
Selected Answer: A
correct
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: B
The solution you provided is not the correct way to pass data to a form when using the Xrm.Navigation.openForm function.
Exporting the solution and editing the customizations.xml file is not a necessary step to pass data to a form.
Instead, you can pass data to the form by including it in the options object that you pass to the openForm method.
You can use the "entityId" or "data" properties in the options object to pass data to the form.
Here is an example of how you would pass the contact type to the Contact form when opening it:
```
var contactType = "individual";
var options = {
entityName: "contact",
data: { contact_type: contactType },
formType: 2
};
Xrm.Navigation.openForm(options);
```
upvoted 3 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21

upvoted 1 times

BlueP 1 year, 8 months ago

Selected Answer: B

No, you pass the data as a query string parameter

upvoted 2 times

AADAdmin1 1 year, 7 months ago

There are two ways to specify which query string parameters will be accepted by the form:
1. Edit form properties in UI(to specify which query string parameters are allowed)
2. Edit form XML (export solution and modify customizations.xml file to specify which query string parameters are allowed)

upvoted 3 times

Question #23 *Topic 5*

DRAG DROP -

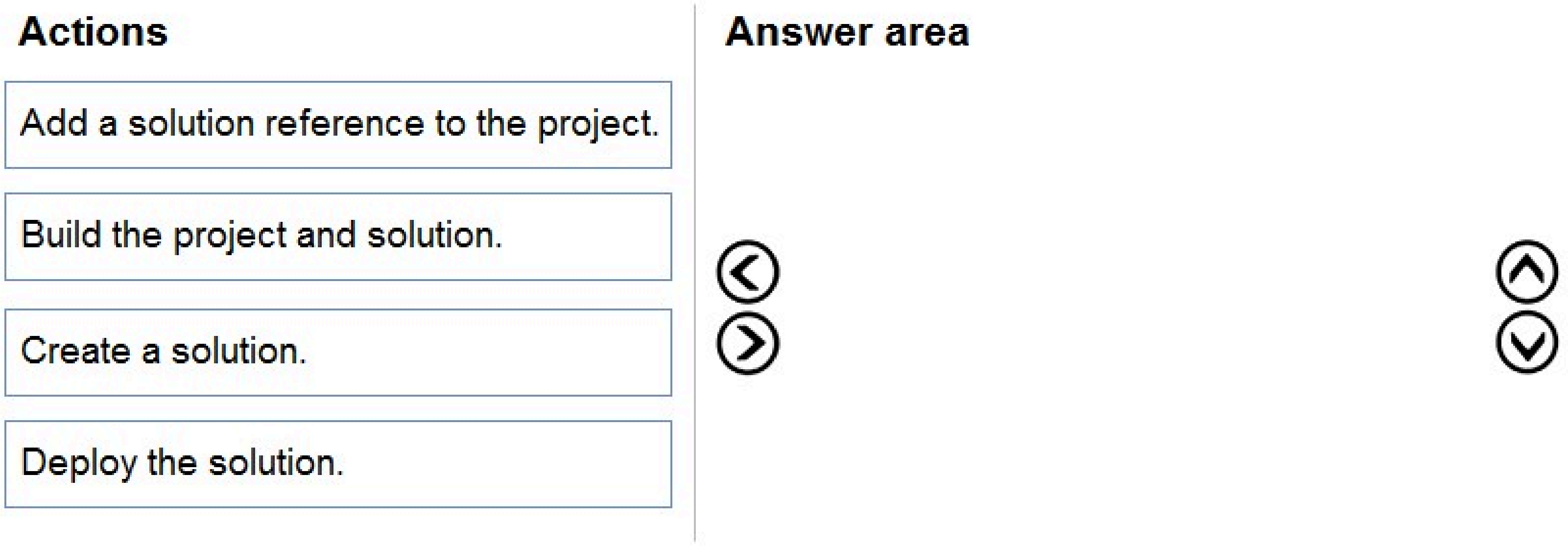
You are developing a new Power Apps Component Framework (PCF) control.

The control must be deployed to a development environment by using the Power Apps CLI and a new solution.

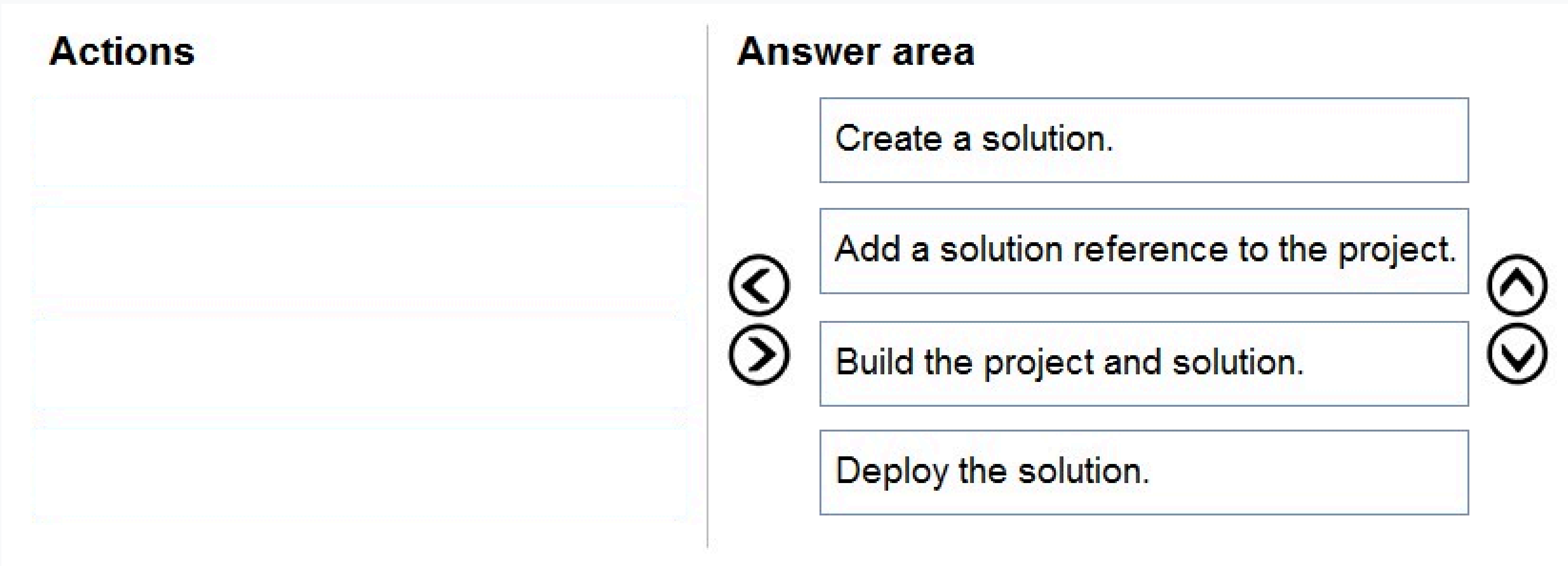
You need to deploy the PCF control.

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

Select and Place:



Correct Answer:



Step 1: Create a solution -

Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse. pac solution init --publisher-name developer --publisher-prefix dev

Step 2: Add a solution reference to the project

Once the new solution project is created, refer the Solutions folder to the location where the created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to multiple components in a single solution project. pac solution add-reference --path c:\downloads\mysamplecomponent

Step 3: Build the project and solution

To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. msbuild /t:build /restore

Step 4: Deploy the solution -

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

nivanpee Highly Voted 2 years, 1 month ago

correct

upvoted 13 times

jkaur Most Recent 6 months, 2 weeks ago

correct

upvoted 1 times

BeginLearningforPP 1 year, 5 months ago

Given answer is correct

upvoted 2 times

Thess0104 2 years, 1 month ago

https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

upvoted 2 times

Thess0104 2 years, 1 month ago

- Create a solution
- Deploy the Solution
- Add a solution reference to the project
- Build the project and solution

upvoted 2 times

nivanpee 2 years, 1 month ago

please this is very wrong

upvoted 21 times

BlueP 1 year, 8 months ago

Deploy the solution as the second step? The answer given is correct

upvoted 2 times

Question #24 *Topic 5*

DRAG DROP -

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

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

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

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

Select and Place:

Actions

- Create an empty environment variable named **Custom Text Placeholder.**
- Create a configuration page in the classic solution by using a text field named **Custom Text Placeholder** that uses the HTML file format.
- Set the default value of the text field Custom Text Placeholder to **Enter custom text**.
- Create a function to retrieve the value from the custom text placeholder and display the notification.
- Export the solution.
- Create a solution component configuration named **Custom Text Placeholder** that uses the JSON file format.

Answer area

Correct Answer:

Actions

- Create a configuration page in the classic solution by using a text field named **Custom Text Placeholder** that uses the HTML file format.
- Set the default value of the text field Custom Text Placeholder to **Enter custom text**.
- Create a solution component configuration named **Custom Text Placeholder** that uses the JSON file format.

Answer area

- Create an empty environment variable named **Custom Text Placeholder.**
- Create a function to retrieve the value from the custom text placeholder and display the notification.
- Export the solution.

Step 1: Create an empty environment variable named Custom Text Placeholder.

Applications often require different configuration settings or input parameters when deployed to different environments. Environment variables store the parameter keys and values, which then serve as input to various other application objects. Separating the parameters from the consuming objects allows you to change the values within the same environment or when you migrate solutions to other environments.

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

Step 3: Export the solution -

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

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/data-platform/environmentvariables https://docs.microsoft.com/en-us/powerapps/maker/data-platform/export-solutions

BlueP Highly Voted 1 year, 8 months ago
as per - https://docs.microsoft.com/en-us/power-apps/maker/data-platform/environmentvariables#create-an-environment-variable-in-a-solution

1.Create an environment variable in a solution
2.Use data source environment variables in canvas apps
3. Export solution

The given answers are correct
upvoted 10 times

At09 Most Recent 4 months, 3 weeks ago
Create an empty ....
Set Default value ....
Create a function...
upvoted 1 times

jkaur 6 months, 2 weeks ago
Create an empty environment variable name Custom Text Placeholder
Create a function to retrieve the value from the custom text placeholder and display the notification.
Export the solution
upvoted 1 times

shibax 2 years ago
correct?
upvoted 3 times

CE_Team_Gold 1 year, 8 months ago
Seems correct. The text states that the powerusers edit the notification content

So we just create the Env.Variable, write a function to get the value and export the solution
upvoted 3 times

Question #25 *Topic 5*

HOTSPOT -

You need to use the Dynamics 365 Sales Web API to retrieve metadata information.

How should you complete the Web API queries? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Metadata item **Web API query**

Entity

```
GET /api/data/v9.0/EntityDefinitions(
[dropdown] = 'account')
```

- Name
- EntityName
- LogicalName
- SchemaName

Attribute

```
GET /api/data/v9.0/EntityDefinitions(
[dropdown] = 'account')/Attributes(LogicalName=telephone1)
```

- Name
- LogicalName
- SchemaName
- AttributeName

Relationship

```
GET /api/data/v9.0/RelationshipDefinitions(
[dropdown] = 'Account_Tasks')
```

- Name
- LogicalName
- SchemaName
- RelationshipName

Global Option Set

```
GET /api/data/v9.0/GlobalOptionSetDefinitions(
[dropdown] = 'metric_goaltype')
```

- Name
- LogicalName
- SchemaName
- AttributeName

Correct Answer:

Entity: LogicalName -

Querying the EntityMetadata entity type:

GET [Organization URI]/api/data/v9.0/EntityDefinitions(LogicalName='account')

Attribute: LogicalName -

Retrieving attributes:

GET [Organization URI]/api/data/v9.0/EntityDefinitions(LogicalName='account')/Attributes(

Relationship: SchemaName -

Querying relationship metadata:

Entity relationships can also be queried using the RelationshipDefinitions entity set. You can use a query like the following to get the SchemaName property for every relationship.

GET [Organization URI]/api/data/v9.0/RelationshipDefinitions?$select=SchemaName

Global Option Set: Name -

Querying Global OptionSets:

GET /api/data/v9.0/GlobalOptionSetDefinitions(Name='metric_goaltype')

Note: Retrieving items by name is generally easier because you probably already have some reference to the metadata item name in your code. The following table lists the alternate key properties for retrieving metadata items by name.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/query-metadata-web-api

Gogs1992 Highly Voted 2 years, 3 months ago

Correct

upvoted 9 times

RosalinoDedo Highly Voted 2 years, 8 months ago

correct answer.
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/retrieve-metadata-name-metadataid

upvoted 6 times

> **oleav** 10 months, 3 weeks ago
>
> correct
>
> upvoted 1 times

> **SashM** 1 year, 1 month ago
>
> Correct. Thank you
>
> upvoted 1 times

Says Most Recent 1 month, 1 week ago

correct

upvoted 1 times

jkaur 6 months, 2 weeks ago

Correct

upvoted 1 times

Martin123456789 2 years, 8 months ago

hi correct answer?

upvoted 1 times

> **365Ginger** 2 years, 8 months ago
>
> yes it is.
>
> upvoted 2 times

Question #26 *Topic 5*

You are creating a custom connector in Power Apps to connect to a third-party application.
The definition in the connector must be set so that it is not visible to the end user.
You need to select the appropriate visibility parameter.
Which parameter should you use?

A. important

B. none

C. internal

D. advanced

Correct Answer: *C*
Leave the Visibility property set to none. This property for operations and parameters in a logic app or flow has the following options:
- none: displayed normally in the logic app or flow
- advanced: hidden under an additional menu
- internal: hidden from the user
- important: always shown to the user first

Reference:
https://docs.microsoft.com/en-us/connectors/custom-connectors/define-blank

Community vote distribution
C (80%) B (20%)

ziggy1117 6 months, 3 weeks ago
none: displayed normally in the logic app or flow
advanced: hidden under another menu
internal: hidden from the user
important: always shown to the user first
upvoted 3 times

oleav 10 months, 3 weeks ago
Selected Answer: C
Should be C:
https://learn.microsoft.com/en-us/connectors/custom-connectors/define-blank
none: displayed normally in the logic app or flow
advanced: hidden under another menu
internal: hidden from the user
important: always shown to the user first
upvoted 2 times

powerrage 1 year ago
Selected Answer: C
Given answer is correct. Visibility must be set to internal to be hidden from the user.
upvoted 2 times

KillaHai 1 year ago
Selected Answer: B
None: The connector is not visible to the end user and is only available to the author of the connector.
Important: The connector is visible to the end user and is marked as important, but cannot be deleted or modified.
Internal: The connector is visible to the end user, but not shown in the default list of connectors. This option is useful for connectors that are internal to your organization and not meant for public use.
Advanced: The connector is visible to the end user and can be used, but is not shown in the default list of connectors. This option is useful for connectors that are more complex or not commonly used.
upvoted 1 times

oleav 10 months, 3 weeks ago
Should be C:
https://learn.microsoft.com/en-us/connectors/custom-connectors/define-blank
none: displayed normally in the logic app or flow
advanced: hidden under another menu
internal: hidden from the user
important: always shown to the user first
upvoted 1 times

Caloy 2 years, 7 months ago

Is this correct?

upvoted 1 times

Menwall88 2 years, 6 months ago

Yes correct

upvoted 9 times

Question #27 *Topic 5*

HOTSPOT -

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

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

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

	Yes	No
When the code runs and the Primary contact (primarycontactid) field is populated, the Contact record's Phone (telephone1) field is updated to match the Account.	○	○
When the code runs and the Primary contact (primarycontactid) field is not populated, the following error message displays: `Not Updated`	○	○
When the code runs and the value in Phone (telephone1) is removed, the Contact record's Phone (telephone1) field is updated to null.	○	○

Correct Answer:

Box 1: Yes -

Xrm.WebApi.updateRecord updates a table record.

Syntax:

Xrm.WebApi.updateRecord(entityLogicalName, id, data).then(successCallback, errorCallback);

Box 2: Yes -

Box 3: No -

No action would be taken.

Reference:

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

Iker Highly Voted 2 years, 8 months ago

1) YES.
2) NO. When the primarycontactid field is not populated, the script finished with an error. This occurs because the value of "var telephone = formContext.getAttribute("telephone1")" is equals to Null.
3) NO. When we removes the value of "telephone1" field, "if(!telephone)" condition becames true.

upvoted 45 times

Violoncello 1 year, 7 months ago

On 2nd thought, the question is about contact, not telephone. The contact is null. So contact[0].id causes exception.
upvoted 2 times

MarkusH87 2 years, 6 months ago
I think its, Y N N too.
As there would be a null execption before entering the callback logic of the update method.
upvoted 6 times

franekfranek 2 years, 8 months ago
2. I think then(onSuccess, onFailure) so on failure the massage alert is displayed ???
upvoted 4 times

rhess 2 years, 1 month ago
#2 is null because the code will fail looking for index 0 on a null value.
upvoted 4 times

Violoncello 1 year, 7 months ago
2: This is YES. I spent hours troubleshooting and verifying exact behavior. "telephone1" is a lookup. formContext.getAttribute("telephone1") is never null. However, the .getValue() returns null if there's no phone number.
upvoted 1 times

No_Doubt 1 year, 3 months ago
2 is no, since a JS error will be thrown before entering the call of the API
upvoted 1 times

twin Highly Voted 2 years, 8 months ago
I have tried: Yes, No, No
upvoted 16 times

Says Most Recent 1 month, 1 week ago
Yes,No,No
upvoted 1 times

At09 4 months, 3 weeks ago
YNN 👍
upvoted 1 times

At09 4 months, 3 weeks ago
👍 .
upvoted 1 times

At09 4 months, 3 weeks ago
&#128077 .
upvoted 1 times

At09 4 months, 3 weeks ago
YNN .
upvoted 1 times

oleav 10 months, 3 weeks ago
YNN seems to be ok
upvoted 1 times

northstar88 1 year, 5 months ago
Should be YNN
upvoted 2 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

CinthiaN 2 years ago
IMO - Yes, No, No
upvoted 2 times

Stvi 2 years, 5 months ago
Y
N - The code will throw an error when accessing the contact[0].id when it is null
N
upvoted 5 times

ajithnair 2 years, 6 months ago
It should be - No, YES, NO
Event happens on the change of Telephone and not on primarycontactid.
upvoted 1 times

ajithnair 2 years, 6 months ago

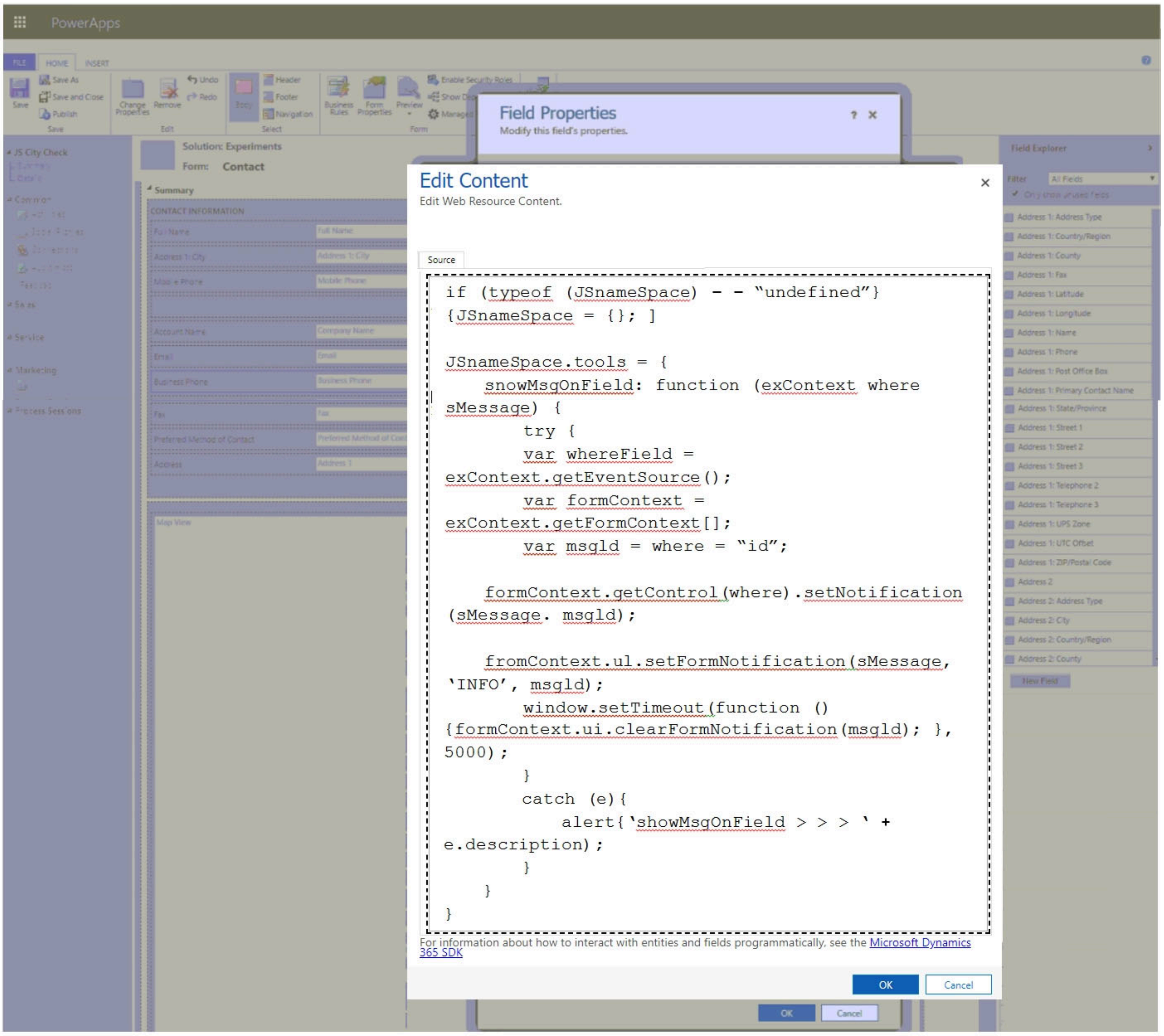
IGNORE THIS. The answers are correct. The first line says 'when the code runs'.

upvoted 3 times

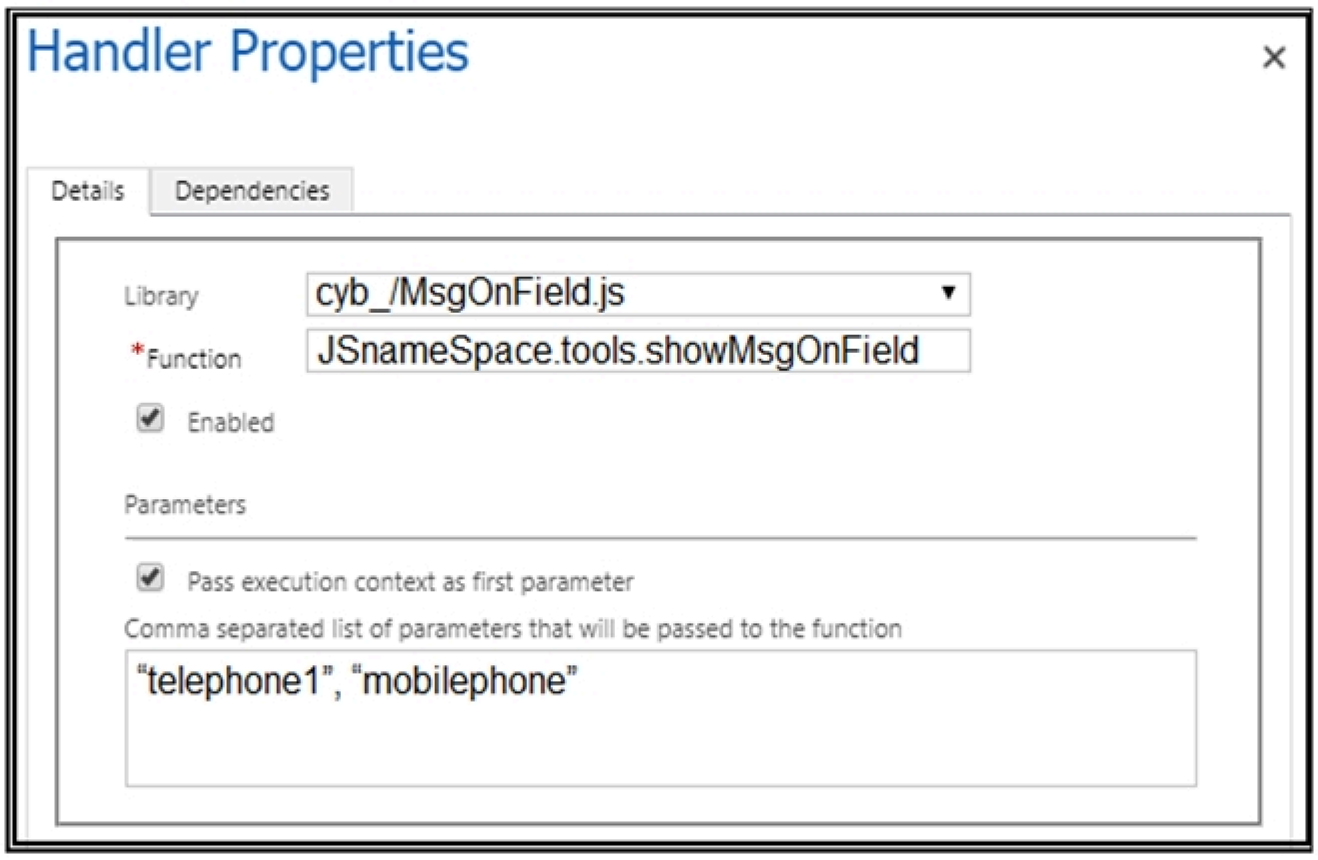
Question #28 *Topic 5*

HOTSPOT -

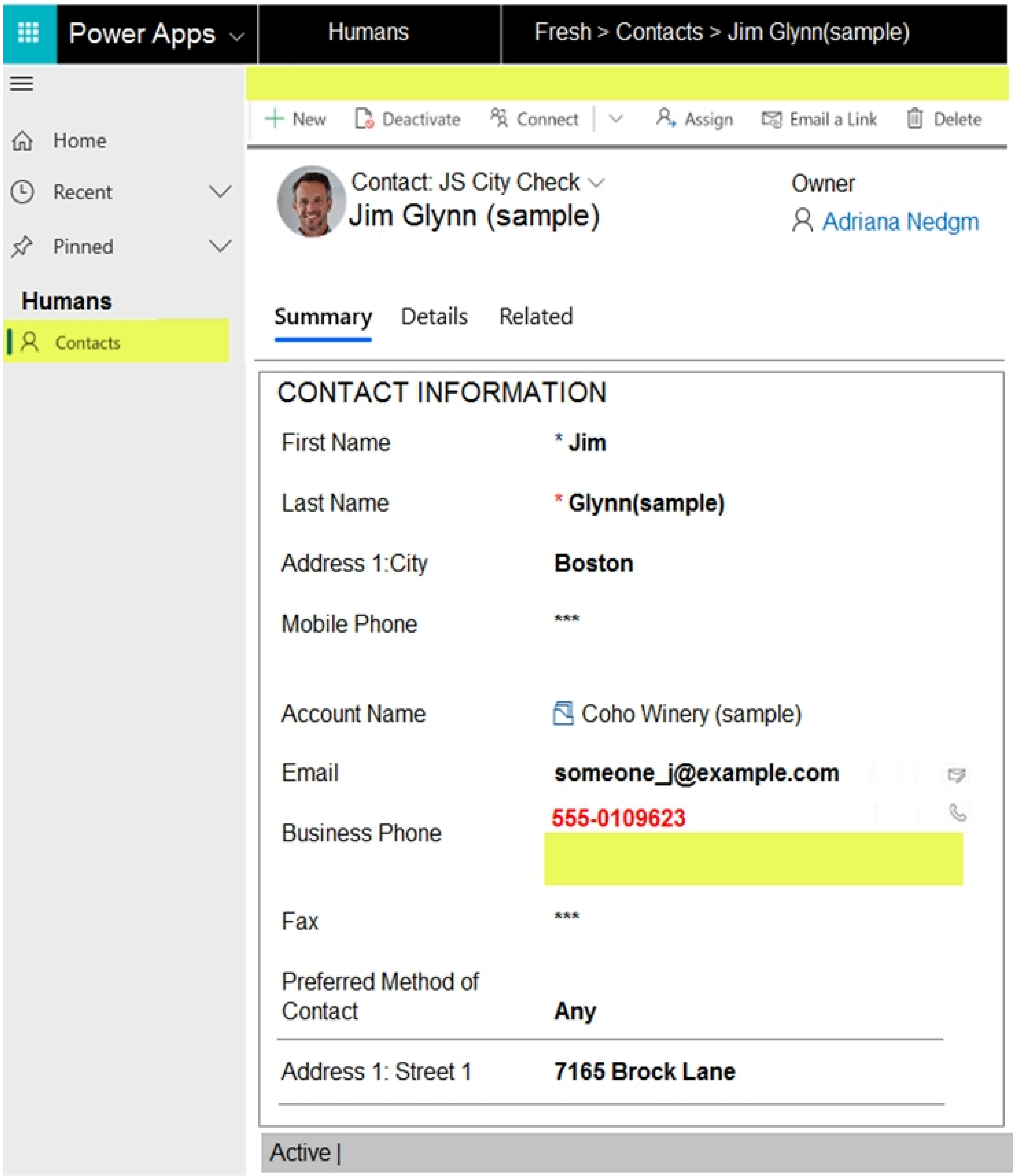
A JavaScript function on a Contact form alerts users to what they need to type, as shown in the JavaScript Code exhibit. (Click the JavaScript Code tab.)



The Business Phone field has the OnChange event handler defined as shown in the Event Handler exhibit. (Click the Event Handler tab.)



Users report that there is incorrect wording on the Contact page, as shown in the Contact exhibit. (Click the Contact tab.)



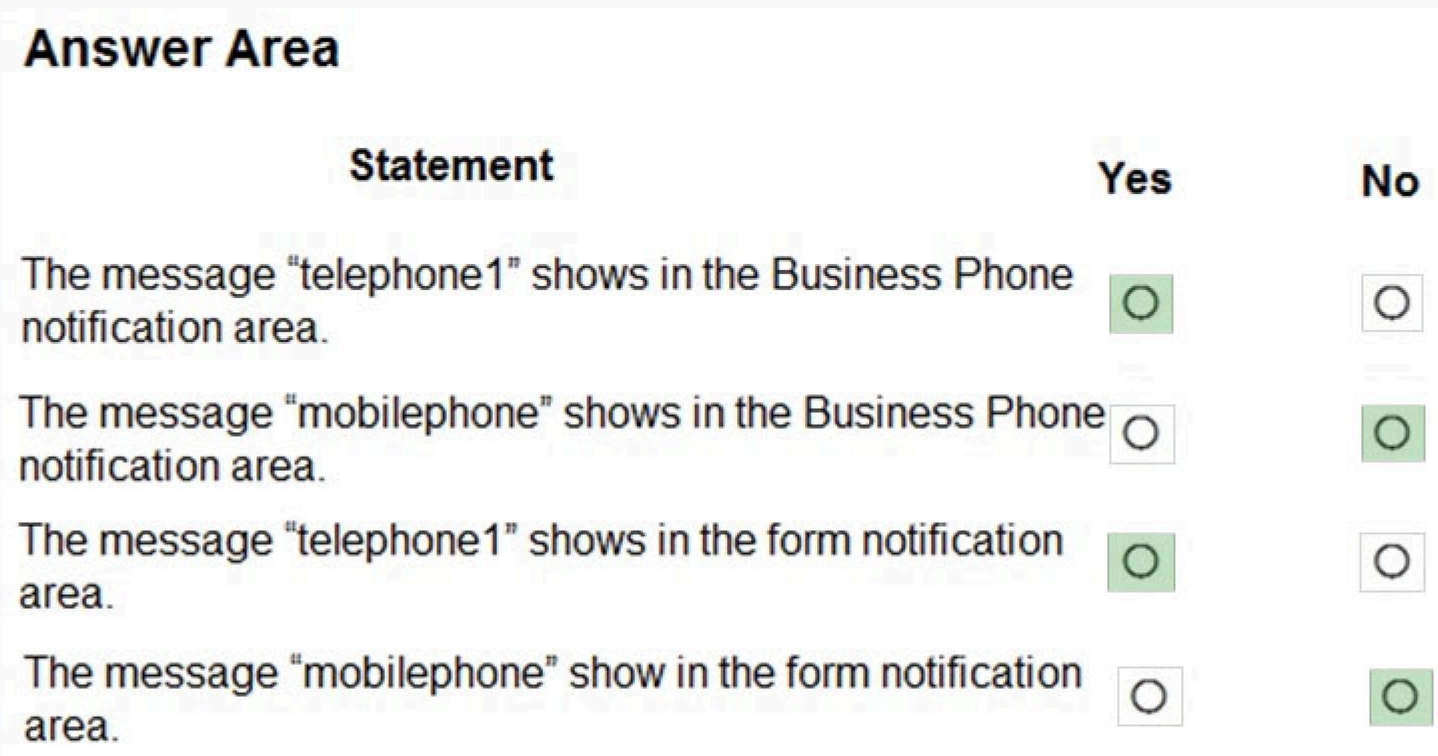
You need to determine what happens when a user modifies the business phone of a contact record.

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:

Correct Answer:



Box 1: Yes -

setNotification displays an error message for the control to indicate that data isn't valid. When this method is used, a red "X" icon appears next to the control. On

Dynamics 365 mobile clients, tapping on the icon will display the message.

Syntax: formContext.getControl(arg).setNotification(message,uniqueId);

Box 2: No -

Box 3: Yes -
setFormNotification displays form level notifications. You can display any number of notifications and they will be displayed until they are removed using clearFormNotification.
Syntax: formContext.ui.setFormNotification(message, level, uniqueId);

Box 4: No -
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-ui/setformnotification
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/controls/setnotification

KAL18 Highly Voted 2 years, 3 months ago
<<< For second one >>>
formContext.getControl(where).setNotification(sMessage, msgId);
should be as follows at run-time.
formContext.getControl("telephone1").setNotification("mobilephone", "telephone1id");

So the answer should be: NYNY
upvoted 15 times

fayeje1956 Highly Voted 1 year, 11 months ago
I had this question on my exam and there is a typo in the dump. The actual line of code is:
var msgid = where + "id";
So a + instead of =.
Therefore my selected answers were:
N - the message on Business Phone will be "mobilephone" (assuming Business Phone's logical name is "telephone1")
Y - same explanation as for answer 1
N - the form notification will be 'mobilephone' and the id of the message 'telephone1id'
Y - same explanation as for answer 3
upvoted 12 times

SachinBisht009 Most Recent 5 months, 3 weeks ago
No Yes No Yes is Right ans
upvoted 1 times

oleav 10 months, 3 weeks ago
agree with NYNY
upvoted 1 times

jojolaf 1 year, 11 months ago
This JS code is not even syntaxicaly correct least in 3 different locations. Who write this code ? Is this writed down from a candidate ? Is this a dump of an actual exam ? I Would like to know.
upvoted 1 times

> **fayeje1956** 1 year, 11 months ago
> I had it a couple of days ago and it's correctly formatted on the exam. In the first line you have == undefined, then the arguments are (exContext, where, sMessage), getFormContext has also () at the end instead of [] and it's where + "id" and not where = "id".
> upvoted 3 times

RichardMa 2 years, 1 month ago
NNNY
var msgID=where="id"; so the value of Where is "id"
tested at trial env
upvoted 4 times

> **shavarse** 2 years ago
> In this case they should all be No, as we go into the catch block before executing formContext.ui.setFormNotification(sMessage, "INFO", msgId); and only display the alert. I tried it as well and only got the alert.
> upvoted 3 times

ZZZDD 2 years, 2 months ago
What about part in the code var msgID = where = "id"; would not than where become just "id", so nothing would be set in there ?
upvoted 3 times

piboke 2 years, 3 months ago
technically formContext.getFormContext[] will be null/undefined. It should be formContext.getFormContext(), but I assume that's a typo. If so, the correct answer was provided by D_D
upvoted 1 times

Hendrikdb 2 years, 4 months ago

Correct answer is NNNY.
formcontext.getcontrol("telephone1).setnotification("mobilephone")
and
formcontext.ui.setformnotificaiton("mobilephone","info", "id")

upvoted 2 times

lesiris 2 years, 4 months ago

There is no field mobile phone, just a field Business phone ... How is it supposed to work ?

upvoted 2 times

D_D 2 years, 8 months ago

Yes, the code is really a mess. But in my eyes here we have the "showMessageOnField" function which actually receive 3 parameters: first is executionContext and the other two are the two defined in the "Comma separated list of parameters...". In this case the function definition has three parameters (exContext, where, sMessage"). In runtime it will receives in sequence: executionContext, "telephone1" (as string), "mobilephone" (as string).
So actually the code will write the 3d parameter("telephone1") on the control with name "where" (businessphone").
This is in my eyes the only explanation which makes sense and in this case the answers are all corrects.

upvoted 5 times

D_D 2 years, 8 months ago

I correct myself:
1st parameter = exContext
2nd parameter (where) = "telephone1"
3th parameter (sMessage) = "mobilephone"
formContext.getControl(where).setNotification(sMessage, msgId) => formContext.getControl("telephone1").setNotification("mobilephone", <msgId>) => message "mobilephone" is written in notification area of field telephone1.
formContext.ui.setFormNotification(sMessage, "INFO", <msgId>) => formContext.ui.setFormNotification("mobilephone", "INFO", <msgId>) => message "mobilephone" is written in notification area of the form
The correct answers are NYNY

upvoted 35 times

Leila24 2 years, 8 months ago

The JS code in the screenshot is a mess. If I red that correctly the "mobilephone" message shall be displayed instead "telephone1"

upvoted 10 times

rijifa7178 2 years, 8 months ago

Same bro ;(

upvoted 3 times

Question #29 *Topic 5*

You are developing a Power Apps app to manage records in the Account table in Microsoft Dataverse.
You must configure a Web API request to retrieve changes from the table.
You need to configure the preference header for the API request.
What should you include in the request header?

A. odata.context

B. odata.deltaLink

C. odata.track-changes

D. odata.nextLink

Correct Answer: *B*
The @odata.deltaLink Uri returned from the below example can be used to fetch changes in tables. In this example a new account was created and an existing account deleted. The delta link returned from the previous request fetches these changes, as shown in the example below.

```
{
"@odata.context":"[Organization URI]/api/data/v9.0/$metadata#accounts(name,accountnumber,telephone1,fax)",
"@odata.deltaLink": "[Organization URI]/api/data/v9.0/accounts?
$select=name,accountnumber,telephone1,fax&$deltatoken=919042%2108%2f22%2f2017%
2008%3a10%3a44",
"value":[
{
"@odata.etag":"W/\"915244\"",
"name":"Monte Orton",
"accountnumber":null,
"telephone1":"555000",
"fax":"10101",
"accountid":"60c4e274-0d87-e711-80e5-00155db19e6d"
}
]
}
```

Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems

Community vote distribution

C (100%)

rogrod Highly Voted 1 year, 5 months ago
Correct answer for the Request header is:
C: odata.track-changes
The "odata.deltaLink" is something returned by the request
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems#retrieve-changes-in-tables-using-web-api-example
upvoted 19 times

At09 Most Recent 4 months, 3 weeks ago
C
.
upvoted 1 times

oleav 10 months, 3 weeks ago
Selected Answer: C
correct, more in @rogrod post
upvoted 1 times

powerrage 1 year ago
Selected Answer: C
Correct is C. Changes made in tables can be tracked using Web API requests by adding the Prefer: odata.track-changes header. This header requests that a delta link be returned which can subsequently be used to retrieve table changes.

upvoted 2 times

DimpleG 1 year, 1 month ago

Selected Answer: C

You should include the "odata.track-changes" preference header in the request header to retrieve changes from the table via the Web API request. This header tells the server to return a delta link header in the response which can be used to retrieve subsequent sets of changes.

upvoted 2 times

SashM 1 year, 1 month ago

Selected Answer: C

GET [Organization URI]/api/data/v9.0/accounts?$select=name,accountnumber,telephone1,fax HTTP/1.1
Prefer: odata.track-changes
OData-Version: 4.0
Content-Type: application/json
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems#retrieve-changes-in-tables-using-web-api-example

upvoted 3 times

vpatel1826 1 year, 2 months ago

Correct answer C

upvoted 4 times

Question #30 *Topic 5*

You are creating a Power Apps Component Framework (PCF) component.
You add the following markup to the component manifest. (Line numbers are included for reference only.)

You need to complete the component manifest.
Which XML markup segment should you insert at line 03?

A. <control DisplayNameKey="PowerContoso" constructor="CtlProducts" version="0.0.10" display-name-key="CtlProducts" description-key="CtlProducts" control-type="standard">

B. <control namespace="PowerContoso" constructor="CtlProducts" version="0.0.10" display-name-key="CtlProducts" description-key="CtlProducts" control- type="standard">

C. <control code="PowerContoso" constructor="CtlProducts" version="0.0.10" display-name-key="CtlProducts" description-key="CtlProducts" control- type="standard">

D. <control name="PowerContoso" constructor="CtlProducts" version="0.0.10" display-name-key="CtlProducts" description-key="CtlProducts" control- type="standard">

E. <control _value="PowerContoso" constructor="CtlProducts" version="0.0.10" display-name-key="CtlProducts" description-key="CtlProducts" control- type="standard">

Correct Answer: *B*
The control element defines the component's namespace, version and display information.
Example:
<?xml version="1.0" encoding="utf-8" ?>
<manifest>
<control namespace="MyNameSpace" constructor="JSHelloWorldControl" version="1.0.0" display-name-key="JS_HelloWorldControl_Display_Key" description- key="JS_HelloWorldControl_Desc_Key" control-type="standard">
<property name="myFirstProperty" display-name-key="myFirstProperty_Display_Key" description-key="myFirstProperty_Desc_Key" of-type="SingleLine.Text" usage="bound" required="true" />
<resources>
<code path="JS_HelloWorldControl.js" order="1" />
<css path="css/JS_HelloWorldControl.css" order="1" />
</resources>
</control>
</manifest>
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/component-framework/manifest-schema-reference/manifest

Community vote distribution
B (100%)

whiteblack 9 months, 2 weeks ago
Correct
upvoted 2 times

CRMBug 1 year, 3 months ago
Selected Answer: B
Correct
upvoted 3 times

kvargas90 1 year, 4 months ago
Correct
upvoted 2 times

nnmladouce 1 year, 5 months ago
correct
upvoted 2 times

Question #31 *Topic 5*

You are creating a model-driven app. You create JavaScript code to display a message when a record is saved.

You need to configure the associated JavaScript web resource name when adding the event handler to the form.

Which field should you use?

A. Event Type

B. Component

C. Function

D. Library

Correct Answer: *D*

Community vote distribution

D (56%) C (44%)

At09 4 months, 3 weeks ago

D

.

upvoted 1 times

tmub47 5 months, 2 weeks ago

Selected Answer: D

You would add the associated JavaScript web resource name to the library field. The function field is used to specify the name of the function that will be executed when the event occurs. The library field is used to specify the name of the web resource that contains the JavaScript code.

In your case, you would create a new web resource and add your JavaScript code to it. Then, you would specify the name of the web resource in the library field when adding the event handler to the form.

upvoted 2 times

Kline 1 year ago

Selected Answer: D

D for me. You need to select the correct library then the function

upvoted 2 times

nwmc 6 months ago

https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/configure-event-handlers-legacy?view=op-9-1

upvoted 1 times

Kline 1 year ago

C for me. You need to select the correct library then the function

upvoted 1 times

justin_s 1 year ago

Selected Answer: D

Of course D

upvoted 1 times

DimpleG 1 year, 1 month ago

Selected Answer: C

In the context of adding an event handler to a form, the field you would use to configure the associated JavaScript web resource name is "Function". The "Library" field would typically be used to specify a JavaScript library that the web resource depends on, such as jQuery. While the web resource would be added to the form as a library.

upvoted 3 times

DimpleG 1 year, 1 month ago

Selected Answer: C

In the context of adding an event handler to a form, the field you would use to configure the associated JavaScript web resource name is "Function". The "Library" field would typically be used to specify a JavaScript library that the web resource depends on, such as jQuery. While the web resource would be added to the form as a library.

upvoted 1 times

Question #32 *Topic 5*

HOTSPOT

-

The planning department for municipal government wants to survey the land in town and define new property lines. You define a data model for the surveys.

Surveyors and other department employees need a phone app to capture survey data.

You need to define a Power Apps component framework (PCF) component to be used across multiple functional areas.

How should you complete the PCF control manifest? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
<manifest>
  <control namespace="surveyCapture" constructor="Survey" …>
    <property name="propertyRollNo" of-type-group="SingleLine.Text" usage="bound" required="true" />
    <property name="latitude" of-type-group="[ Decimal | Whole.None | Floating point ]" usage="input" required="true" />
      . . .
      <feature-usage>
        <uses-feature name="Device.getCurrentPosition" required="true" />
        <uses-feature name="[ Client | Utility | Web API ]" required="true" />
      </feature-usage>
      <resources>
        . . .
      </resources>
  </control>
</manifest>
```

Correct Answer:

Answer Area


```
<manifest>
  <control namespace="surveyCapture" constructor="Survey" …>
    <property name="propertyRollNo" of-type-group="SingleLine.Text" usage="bound" required="true" />
    <property name="latitude" of-type-group="[ Decimal | Whole.None | Floating point ]" usage="input" required="true" />
      . . .
      <feature-usage>
        <uses-feature name="Device.getCurrentPosition" required="true" />
        <uses-feature name="[ Client | Utility | Web API ]" required="true" />
      </feature-usage>
      <resources>
        . . .
      </resources>
  </control>
</manifest>
```


Net_IT 6 months, 3 weeks ago

1. Decimal, there is not such value as 'Floating Point', instead there is a value 'FP'.
2. Utility, there is no such value as 'Client' and there is no value such as 'Web API", instead there is a value 'WebAPI'.

upvoted 1 times

Panda01 2 weeks, 6 days ago

Agreed,
1) Decimal as it supports up to 10 decimal places precision
2) Utility - as there is no such option as "Client" and "Web API". there is "WebAPI"

source: https://learn.microsoft.com/en-us/power-apps/developer/component-framework/manifest-schema-reference/feature-usage

upvoted 1 times

TOM1000 9 months ago

Its Decimal as it support up to 10 decimal points FP is only 5. Long and Lat needs more than 5!

https://learn.microsoft.com/en-us/power-apps/developer/component-framework/manifest-schema-reference/property

Decimal Up to 10 decimal points of precision can be used for values between -100,000,000,000 and -100,000,000,000 can be in this column.

FP Up to 5 decimal points of precision can be used for values between -100,000,000,000 and -100,000,000,000 can be in this column.

upvoted 1 times

RajuTS 9 months, 1 week ago

Floating point and Client

upvoted 1 times

[Removed] 10 months, 4 weeks ago

ChatGPT answer:
When defining the "of-type-group" property in a Power Apps Component Framework (PCF) control manifest for the latitude property, you would choose "floating point".

Latitude is typically represented as a floating-point number with a range of -90 to +90. A decimal data type is more appropriate for values that require high precision, such as currency or financial values. In the case of latitude, a floating-point data type is more appropriate as it allows for a wider range of values with lower precision.

upvoted 2 times

tobdiord 11 months, 3 weeks ago

Correct. Floating Point is FP in PCF control manifest terms. FP is 5dp precision, Decimal is 10.

upvoted 1 times

KillaHai 1 year ago

The "latitude" property in a PCF control manifest should have an "of-type-group" value of "Floating point". This is because latitude values typically require a high level of precision, which is best handled by a floating-point data type.
The of-type-group="decimal" has a default precision of 2 decimal places. However, this can be customized by adding the precision attribute in the property manifest to specify the number of decimal places.

upvoted 1 times

Question #33 *Topic 5*

DRAG DROP

-

You are developing an inventory tracking component for a warehouse. You plan to use the component with a Power Apps app.

Truck drivers will use tablet devices to confirm their cargo manifest. Warehouse employees will use their phones to pick and fulfill orders. The phone-based version must run in a Power Apps runtime container.

You need to create a single Power Apps component that can be used on both tablet devices and phones.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment 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.

Code Segments

- getValue
- getTitle
- getFormFactor
- getClient

Answer Area

```
var gTablet1 = 2;
var gPhone1 = 3;
var gTablet2 = "Web";
var gPhone2 = "Mobile";
if (context.client. [          ] () == "Mobile") {
    if (context.client. [          ] () == gPhone1) {
      . . .
    }
    else if . . . {
      . . .
    }
}
```

Correct Answer:

Answer Area

```
var gTablet1 = 2;
var gPhone1 = 3;
var gTablet2 = "Web";
var gPhone2 = "Mobile";
if (context.client. [getClient] () == "Mobile") {
    if (context.client. [getFormFactor] () == gPhone1) {
      . . .
    }
    else if . . . {
      . . .
    }
}
```

ChopCalle 10 months ago

REF:
- https://learn.microsoft.com/en-us/power-apps/developer/component-framework/reference/client/getclient
- https://learn.microsoft.com/en-us/power-apps/developer/component-framework/reference/client/getformfactor

upvoted 3 times

Aryabhatta 1 year ago

Correct.

upvoted 2 times

Question #34 *Topic 5*

A company is creating a Power Apps portal to collaborate with vendors.

You need to implement custom functionality in the portal by using JavaScript code.

Which two portal entities can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Web pages

B. Web resources

C. Web roles

D. Entity lists

Correct Answer: *AD*

[Removed] Highly Voted 10 months, 4 weeks ago

A. Web pages
B. Web resources

You can use web pages and web resources to implement custom functionality in a Power Apps portal using JavaScript code.

Web pages are used to display content and functionality to portal users. You can use JavaScript code to modify the behavior of web pages, such as adding new features or changing the appearance of existing elements.

Web resources are files that can be used to store JavaScript code, Cascading Style Sheets (CSS), images, and other types of files that can be used in a portal. You can use web resources to store and manage your JavaScript code, which can then be referenced and executed from web pages.

Web roles and entity lists are not used for implementing custom functionality in a Power Apps portal using JavaScript code. Web roles are used to manage access to portal content and functionality, while entity lists are used to display data from a specific entity in the portal.

upvoted 6 times

At09 Most Recent 4 months, 3 weeks ago

Entity List and Web Page

upvoted 1 times

Coder1 10 months, 2 weeks ago

Given answer is correct --

https://www.examtopics.com/discussions/microsoft/view/44160-exam-pl-400-topic-5-question

upvoted 4 times

Question #35

Topic 5

HOTSPOT

-

You have the following code registered on the OnChange event of the parentcustomerid column on a contact table form. The parentcustomerid field is a lookup which can be an account or a contact record.

Line numbering is provided for information only.

```
function UpdateTelephone1(executionContext) {
    var formContext = executionContext.getFormContext();

    var parent = formContext.getAttribute('parentcustomerid').getValue()
    if (parent[0] !== null) {
        Xrm.WebApi.online.retrieveRecord(parent[0].name, parent[0].id, "?$select=telephone1").then(
            function success(result) {
                var telephone1 = result["telephone1"];
                formContext.getAttribute("telephone1").setValue(telephone1);
            },
            function (error) {
                Xrm.Navigation.openErrorDialog({ message: error.message });
            }
        );
    }
    else {
        formContext.getAttribute("telephone1").setValue(null);
    }
}
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
Would the value of the telephone1 column on the contact form be null if the parentcustomerid column is null?	○	○
Would the code return a parentcustomerid record if it is an account or a contact?	○	○
Would the value of the telephone1 column be null if the value of the telephone1 column from the parentcustomerid record is null?	○	○

Correct Answer:

Answer Area

Statement	Yes	No
Would the value of the telephone1 column on the contact form be null if the parentcustomerid column is null?	○	Selected
Would the code return a parentcustomerid record if it is an account or a contact?	Selected	○
Would the value of the telephone1 column be null if the value of the telephone1 column from the parentcustomerid record is null?	Selected	○

prepare4exam Highly Voted 9 months, 2 weeks ago

Box 1: No.
Error message is displayed in line 05. Cannot read properties of null (reading '0')
Box 2: No.
Error message is displayed. The entity "Trey Research" cannot be found. Specify a valid query, and try again. Code should be parent[0].entityType
Box 3: No.
Because the parent record can not be retrieved because of parent[0].name.

upvoted 10 times

chiari_do 9 months, 2 weeks ago

Sorry, I can't understand the explanation of point 3. I thought it was yes. Can you help me?

upvoted 2 times

prepare4exam 9 months, 2 weeks ago

Parent record and its value will never be retrieved because of the code"parent[0].name". It should be parent[0].entityType. When the code goes in line 06 the Error Message is dislayed "The entity "Trey Research" cannot be found. Specify a valid query, and try again."

upvoted 5 times

700157a Most Recent 7 months ago

No, No, No

upvoted 2 times

SuperRaj 8 months, 1 week ago

Box1: No
Box2: No
Box3: Yes

upvoted 1 times

SuperRaj 8 months, 2 weeks ago

Box1:Yes
Box2:No
Box3:Yes

upvoted 2 times

Question #36 *Topic 5*

HOTSPOT

-

You are creating an app for a school.

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

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Alduzz1985 Highly Voted 9 months, 1 week ago

Correct

upvoted 8 times

Question #37 *Topic 5*

HOTSPOT

-

Case Study

-

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

-

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment

-

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier

- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid
• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications

-

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews

-

Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:

- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues

-

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to configure elements in the manifest for the PCF control used to display local time.

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

NOTE: Each correct selection is worth one point.

Answer Area

Manifest element	Value
Property	of-type="Lookup.Simple" of-type="Whole.TimeZone" of-type="DateAndTime.DateAndTime"
Type-Group	<type>Whole.None</type> <type>SingleLine.Text</type> <type>DateAndTime.DateAndTime</type>

Correct Answer:

Answer Area

Manifest element	Value
Property	of-type="Lookup.Simple" of-type="Whole.TimeZone" of-type="DateAndTime.DateAndTime"
Type-Group	<type>Whole.None</type> <type>SingleLine.Text</type> <type>DateAndTime.DateAndTime</type>

smwadi Highly Voted 4 months ago

I think..Both answer should be DateTime.DateAndTime

upvoted 6 times

Question #38 *Topic 5*

Case Study -

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

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- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier
- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications -

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews -

Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
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• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to resolve the issue with the new command button.

What should you do?

A. Pass ExecutionContext to the function in the action definition.

B. Pass the value SelectedControl to the function in the action definition.

C. Select the Pass execution context as first parameter option on the event registration form.

D. Pass the value PrimaryControl to the function in the action definition.

Correct Answer: *C*

Community vote distribution

D (67%) B (33%)

At09 4 months, 3 weeks ago

PrimaryControl

upvoted 3 times

JinkalShekhada 4 months, 4 weeks ago

Selected Answer: D

I feel that D should be the right answer with respect to Command button.

upvoted 4 times

dj74 5 months ago

Selected Answer: B

I think selected control
https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/use-command-designer

upvoted 2 times

Question #39 *Topic 5*

HOTSPOT

-

Case Study

-

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To start the case study

-

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Background

-

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Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment

-

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• Contact (Job Applicant)
- Contact identifier

- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)

• Application proapplication

- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview

- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value

• Referral

- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting

• SystemUser

- Manager - lookup to SystemUser
- Time-Zone Offset

• Recruiter

- Recruiter identifier
- Recruiter name

Applications

-

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews

-

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The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

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You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

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• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.

• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues

-

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to implement ribbon display rules to control availability for the scoring command button.

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

NOTE: Each correct selection is worth one point.

Answer Area

Condition	Rule type
Configure button visibility for recruiters.	CustomRule EntityPrivilegeRule EntityPropertyRule
Configure visibility for the button based on the mode for the form.	FormTypeRule FormStateRule FormEntityContextRule

Correct Answer:

Answer Area

Condition	Rule type
Configure button visibility for recruiters.	CustomRule EntityPrivilegeRule EntityPropertyRule
Configure visibility for the button based on the mode for the form.	FormTypeRule FormStateRule FormEntityContextRule

gondolauk 4 months ago

Answer is right. There is no EntityPrivilegeRule, only RecordPrivilegeRule. The solution is to use customRule to call a JS function to evaluate caller's privilege. Ref: https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/define-ribbon-enable-rules

upvoted 1 times

Question #40 *Topic 5*

Case Study -

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To start the case study -
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Background -

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier
- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications -
There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews -
Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to configure the PCF control to display team members for interview scheduling.

Which two inputs should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. identifier for the hiring manager

B. time-zone offset for the job candidate

C. identifier for the job posting

D. time-zone offset for the hiring manager

E. identifier for the job candidate

Correct Answer: *BE*

Community vote distribution

AB (100%)

Net_IT 4 months, 2 weeks ago

Selected Answer: AB

Should be AB.
You want the list of senior team members who report directly to a hiring manager - A.

You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first - B

upvoted 3 times

At09 4 months, 3 weeks ago

sorry its AB .

upvoted 3 times

At09 4 months, 3 weeks ago

AD .

upvoted 1 times

Chiyan 5 months ago

ChatGPT says C&D

upvoted 1 times

Question #41 *Topic 5*

Case study -

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To start the case study -
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Background -

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment -

Environment -

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data -

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.
• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API -

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.

• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements -

Custom connector -

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process -

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to configure the row filter on the Dataverse trigger.

Which filter should you use?

A. not contains(new_dataid, '')

B. new_dataid eq null

C. DataId ne null

D. new_dataid ne null

Correct Answer: *C*

Community vote distribution

D (100%)

dj74 5 months ago

Selected Answer: D

• [DATAID] is the new_dataid column in the Account table.
upvoted 3 times

Question #42 *Topic 5*

Case study -

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Background -

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Current environment -

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Requirements -

Custom connector -

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Process -

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• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to ensure data returned from the Web API corresponds to the correct environment.

What should you use?

A. system settings

B. plug-in secure configurations

C. records in a new configuration table

D. environment variables

Correct Answer: *D*

Community vote distribution

D (75%) C (25%)

Says 1 month, 1 week ago

Selected Answer: D

Correct Answer D

upvoted 1 times

smwadi 4 months ago

Selected Answer: D

Correct Answer D

upvoted 2 times

MSCertifications 4 months ago

Selected Answer: C

Para garantir que os dados retornados da API Web correspondam ao ambiente correto, você deve usar:
C. registros em uma nova tabela de configuração.

Isso significa que você deve criar uma tabela de configuração que armazena as informações de ambiente e ambiente correspondente para garantir que a URL da API Web incorpore o nome do ambiente atual sem valores codificados. Isso permitirá que os dados sejam recuperados do ambiente correto. Registros em uma nova tabela de configuração são comumente usados para armazenar configurações que podem variar entre ambientes e são acessíveis de forma programática. Portanto, a resposta correta é a opção C.

upvoted 1 times

Question #43 Topic 5

DRAG DROP

-

Case study

-

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To start the case study

-

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Background

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Current environment

-

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• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
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Data

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Web API

-

• The company creates an Azure Function to run a RESTful .NET Web API.
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• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements

-

Custom connector

-

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Process

-

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• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues

-

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to configure the custom connector to incorporate the environment name and DataId in the Web API URL.

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.

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

Actions

- Set the operation to dataservice.
- Create a policy template that uses the Route request template.
- Set the subdomain of the URL template to: dataservice-@connectionParameters('EnvironmentName')
- Set the path of the URL template path to: enrich/@queryParameters('DataId')
- Create a policy template that uses the Set host URL template.
- Set the operation to enrich.

Answer Area

Correct Answer:

Answer Area

- Create a policy template that uses the Set host URL template.
- Set the operation to dataservice.
- Set the subdomain of the URL template to: dataservice-@connectionParameters('EnvironmentName')
- Set the path of the URL template path to: enrich/@queryParameters('DataId')

Bubala 1 month, 1 week ago

Create Policy Set Host URL
Define the subdomain
Create policy Route Request
Define the Path

upvoted 2 times

At09 4 months, 3 weeks ago

Set the operation to "enrich"
Create a policy template that uses the Set host URL template
Set the subdomain of the URL template connectionParameters("EnvironmentName")
Set the path of the URL template to queryParameters("DataId")

upvoted 2 times

At09 4 months, 3 weeks ago

correction: policy template should be first

upvoted 4 times

francesco0928 4 months, 3 weeks ago

in exam 10/03/23

upvoted 2 times

Question #44 *Topic 5*

HOTSPOT

-

You are configuring two command buttons on a form.

The form must display the buttons only if conditions meet a pre-defined criteria.

You need to create rules for the form.

Which rule types should you use?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Condition	**Rule type**
Website link to the current form	PageRule ValueRule EntityRule
Sum of two form fields	ValueRule CustomRule SelectionCountRule

Correct Answer:

Answer Area

Condition	**Rule type**
Website link to the current form	PageRule ValueRule EntityRule
Sum of two form fields	ValueRule CustomRule SelectionCountRule

At09 4 months, 3 weeks ago

correct

upvoted 2 times

dj74 5 months ago

Second should be custom rule

https://d365demystified.com/2021/01/08/ribbon-button-visibility-based-on-a-field-value-in-dynamics-365-ribbon-workbench/ at least not value rule

upvoted 2 times

Question #45 *Topic 5*

A company is testing a Microsoft Dataverse plug-in in an environment. The plug-in works in post-operation mode and performs the update of the Account entity.

During testing, a user observes that the plug-in unintentionally triggers a synchronous third-party ISV plug-in.

You need to modify the system design to avoid unwanted triggering of the third-party plug-in.

What should you do?

A. Disable the existing third-party plug-in by using the Plug-in Registration Tool.

B. Use UpdateRequest with the BypassCustomPluginExecution parameter and Execute method of the Organization service.

C. Update the code of the third-party ISV plug-in to ignore updates caused by the new plug-in.

D. Update the code of the new plug-in to use InputParameters of Plugin Execution Context.

Correct Answer: *B*

CiscoWAU 3 months ago

Correct.

Use the BypassCustomPluginExecution optional parameter to bypass custom synchronous logic.

The alternative to using this optional parameter is to locate and disable the custom plug-ins that contain the synchronous business logic. But disabling plug-ins means that the logic is disabled for all users...

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/bypass-custom-business-logic?tabs=sdk

upvoted 1 times

Question #46 *Topic 5*

You are developing a model-driven app using JavaScript.

You need to configure the app to display a dialog box when a form is opened or when a grid on a form is sorted.

What should you use?

A. Grid OnSave

B. Grid OnRecordSelect

C. Grid OnChange

D. Subgrid OnLoad

Correct Answer: *D*

CiscoWAU 3 months ago

Correct.

https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/events/subgrid-onload

upvoted 2 times

Question #47 *Topic 5*

A company performs an update to an existing column-bound Power Apps Component Framework (PCF) code component.

You test the changes to the code component in the development environment. You then import the component to the production environment as a part of a managed solution. You observe that the changes to the component are not reflected in the production environment.

You need to ensure that the changes are effective in the production environment.

What should you do?

A. Import the PCF code component to the production environment directly from Visual Studio Code by using the pac pcf push instruction.

B. Publish the form that uses the PCF code component in the production environment.

C. Increment the PCF control version property in the manifest.xml file, and then reimport the solution from development to the production environment.

D. Publish the PCF code component in the production environment.

Correct Answer: *A*

Community vote distribution

C (100%)

Gradius Highly Voted 2 months ago

Selected Answer: C

C. Update the PCF control version property in the manifest.xml file and then reimport the solution.
The solution on the production environment is managed and pushing a component directly on production is not a good practice.

upvoted 5 times

Question #48 *Topic 5*

HOTSPOT

-

You develop the following code as part of an OnSave event handler in a form.

```
executionContext.getEventArgs().preventDefault();

var isOnHold = false;
Xrm.WebApi.retrieveRecord("account", id, "?$select=creditonhold").then(
    function (result) {
        isOnHold = result["creditonhold"];
    }
);

if (isOnHold) {
    Xrm.Navigation.openConfirmDialog({ text: 'Credit Hold - Save OK?' }).then(
        function (success) {
            if (success.confirmed) {
                formContext.data.save();
            }
        });
}
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
The code cancels the normal save operation of the form.	○	○
A confirmation dialog box is displayed if the creditonhold value is true.	○	○
The record will save if the creditonhold value is false.	○	○

Correct Answer:

Answer Area

Statement	Yes	No
The code cancels the normal save operation of the form.	$\boxed{\circ}$	○
A confirmation dialog box is displayed if the creditonhold value is true.	$\boxed{\circ}$	○
The record will save if the creditonhold value is false.	○	$\boxed{\circ}$

28f46ef 4 days, 9 hours ago

Looks right to me.

upvoted 1 times

Question #49 *Topic 5*

You create a custom API. You define the API as a function.

The custom API does not appear in the response received from https://[yourorg].api.crm.dynamics.com/api/data/v9.2/$metadata and returns an error when called.

You need to identify why the custom API is not working.

What should you do?

A. Add a response property to the custom API.

B. Add a request property to the custom API.

C. Set the Enabled for Workflow option of the customer API to True.

D. Set the is Private property of the custom API to False.

Correct Answer: *B*

Community vote distribution

D (100%)

oleav Highly Voted 2 months, 4 weeks ago

Selected Answer: D

"If you aren't willing to support other developers using your custom API, you should set the custom API Is Private (IsPrivate) property to true before you ship the managed solution containing your custom API.

The Is Private property blocks the custom API from appearing within the $metadata service document and prevent Dataverse code generation tools from creating classes to use the messages for your custom API."
ref: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/custom-api

upvoted 5 times

Question #50 *Topic 5*

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment -

Environment -

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data -

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.
• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API -

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.

• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements -

Custom connector -

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process -

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to implement visual hints in the custom connector.

What should you do? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. In the custom connector, update the name of the policy template.

B. Extend the Open API definition of the Web API for the EnvironmentName parameter.

C. Extend the Open API definition of the Web API for the DataId parameter.

D. In the custom connector, update the description for the DataId parameter.

Correct Answer: *CD*

Topic 6 - Question Set 6

Question #1 *Topic 6*

You are creating an integration that uses an Azure function to create records in the Common Data Service when leads are submitted from your company website.
You create a user and grant the user the Basic User security role.
You do not have administrator access to the environment you are using or access to Azure Active Directory. Company policy dictates that service accounts must be used for integrations, and integrations must not be granted privileges beyond what is needed.
You need to recommend actions that an administrator should perform to configure access for the Azure Function.
Which three actions should you perform? Each correct selection presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create an application registration in Azure Active Directory.

B. Assign the system administrator security role to the application user.

C. Assign the Power Platform administrator role to the application user in Azure Active Directory.

D. Create a new security role with the minimum required permissions and assign to the application user.

E. Grant the application delegated permissions to the Dynamics CRM API in Azure Active Directory.

F. Deploy Azure B2B guest permissions to the application user.

Correct Answer: *ADE*
A: Registering an application with Azure Active Directory, enables a user with Power Apps user account to connect to their Microsoft Dataverse environment from external client applications using OAuth authentication.
D: Use minimum permissions.
E: In the application registration process you delegate permissions to the Dynamics CRM API in Azure Active Directory.

Incorrect:
Not B: The system administrator security role would give the user too much privileges.
Not C: The Power Platform administrator role would give the user too much privileges.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/walkthrough-register-app-azure-active-directory

Community vote distribution
ADE (100%)

DimpleG Highly Voted 1 year, 1 month ago
Selected Answer: ADE
A. Create an application registration in Azure Active Directory.
D. Create a new security role with the minimum required permissions and assign to the application user.
E. Grant the application delegated permissions to the Dynamics CRM API in Azure Active Directory.
upvoted 9 times

_korky Most Recent 7 months, 1 week ago
HOW? How "A" can be correct if you don't have access to Azure Active Directory??? This makes NO sense!
upvoted 1 times

Net_IT 6 months, 3 weeks ago
You need to recommend actions that an administrator should perform to configure access for the Azure Function.

Read 'You need to recommend actions that an administrator should perform'.
upvoted 3 times

Question #2 *Topic 6*

HOTSPOT -

You work for a multinational company that has Azure and Microsoft Dataverse environments in the United States (UTC-7) and Japan (UTC+9).

You create Azure Functions for each location to update key data.

You need to configure the functions to run at 4:00 AM on weekdays at each location.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Box 1: 0 0 4 * * 1-5 -

Azure Functions uses the NCronTab library to interpret NCRONTAB expressions.

An NCRONTAB expression is similar to a CRON expression except that it includes an additional sixth field at the beginning to use for time precision in seconds:

{second} {minute} {hour} {day} {month} {day-of-week}

NCRONTAB time zones -

The numbers in a CRON expression refer to a time and date, not a time span. For example, a 5 in the hour field refers to 5:00 AM, not every 5 hours.

The default time zone used with the CRON expressions is Coordinated Universal Time (UTC).

To have your CRON expression based on another time zone, create an app setting for your function app named WEBSITE_TIME_ZONE.

1-5 is weekdays

Box 2: 0 0 4 * * 1-5 -

Reference:

https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-timer

?

mastaace Highly Voted 3 years ago

Since the question doesn't specify that an app setting has been created for the time zone, everything is UTC. Therefore, the answer should be US: 0011 ** 1-5, Japan: 0019 ** 0-4

upvoted 38 times

DeVries 1 year, 11 months ago

I concur. Given answers implies WEBSITE_TIME_ZONE, which is not mentioned.
US: 0 0 11 * * 1-5 (11:00 monday-friday UTC == 4:00 monday-friday US local time)
Japan: 0 0 19 * * 0-4 (19:00 sunday-thursday UTC == 4:00 monday-friday Japan local time)

upvoted 3 times

tmc51 3 years ago

Gotta love a 50/50

upvoted 11 times

yajof40649 2 years, 11 months ago

The function must run on weekdes so it must be 1-5

upvoted 5 times

Violoncello 1 year, 6 months ago

1900 hours from Sunday to Thursday UTC translates to 0400 hours Monday to Friday in Japan.

upvoted 5 times

Hendrikdb 2 years, 4 months ago

there is only one way to determine weekday scheduling in CRON and that is 1 - 5. So the original answer is correct.

upvoted 3 times

Aby104 Highly Voted 3 years, 1 month ago

Answer is correct

upvoted 18 times

jkaur Most Recent 6 months, 2 weeks ago

answers are correct

upvoted 1 times

ziggy1117 6 months, 3 weeks ago

answers are correct!

upvoted 2 times

DimpleG 1 year, 1 month ago

For the US Azure Function, you should use 0 0 4 * * 1-5 to run the function at 4:00 AM every Monday through Friday.
For the Japan Azure Function, you should use 0 0 4 * * 1-5 to run the function at 4:00 AM every Monday through Friday in Japan, which is 4:00 PM on Sunday UTC.
You are correct that the schedule will be translated to 4 AM in UTC, but the schedule should be set according to the local time of each location.

upvoted 1 times

DimpleG 1 year, 1 month ago

For the US Azure Function, you should use 0 0 4 * * 1-5 to run the function at 4:00 AM every Monday through Friday.
For the Japan Azure Function, you should use 0 0 4 * * 1-5 to run the function at 4:00 AM every Monday through Friday in Japan, which is 4:00 PM on Sunday UTC.
You are correct that the schedule will be translated to 4 AM in UTC, but the schedule should be set according to the local time of each location.

upvoted 1 times

Uiey 1 year, 8 months ago

The given answers are correct.
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-timer?tabs=in-process&pivots=programming-language-csharp

upvoted 2 times

fcisSara 2 years, 3 months ago

Answer should be US: 0011 ** 1-5, Japan: 0019 ** 0-4

upvoted 5 times

luvasgloves 2 years, 5 months ago

Is UTC or is the settings set? Tricky question.

upvoted 1 times

Violoncello 1 year, 6 months ago

This is indeed a tricky question. There are 2 clues: USA (UTC - 7) and Japan (UTC + 9). Or are they unnecessary bits of information? This question is therefore AMBIGUOUS.

upvoted 2 times

S41 2 years, 7 months ago

1. Azure instance is available in both the locations - US and Japan
2. The functions should run only on weekdays

The configuration should be 4 AM in US and 4 AM in Japan respectively on its Azure instances. Though in effect the functions will run at different times.

No need of calculation then, (0 0 4 * * 1-5) seems right answer.

upvoted 5 times

ETU69 2 years, 4 months ago

This is the correct answer. (0 0 4 * * 1-5) for both, US and Japan Azure Instances. Both with the default time zone used with the CRON expressions.

upvoted 3 times

WMC 2 years, 8 months ago

4:00 am US (UTC-7) = 1100 UTC
4:00 am JAPAN (UTC+9) = 1900 UTC *of the previous day*

So assuming that there is *NOT* a WEBSITE_TIME_ZONE setting the correct answers for each would be:

US: 0 0 11 * * 1-5 (4am Monday US is 11am Monday UTC)
JAPAN 0 0 19 * * 0-4 (4am Monday Japan is 7pm Sunday UTC)

upvoted 8 times

Ming888 2 years, 9 months ago

(UTC-7) US Mon 11am -7 hours = (UTC) Mon 4 AM
0 0 11 * * 1-5

(UTC+9) Japan Sun 7pm + 9 hours = (UTC) Mon 4 AM
0 0 19 * * 0-4

upvoted 13 times

KenCraw 2 years, 9 months ago

They way you laid it out finally makes sense , wish I could remove my old comment... I came at it from the opposite direction (I went the wrong direction in time)

upvoted 1 times

ZVV 2 years, 9 months ago

For days, the numeric values are 0 to 6 where 0 starts with Sunday.
And Sundays definitely are not work(week)days.
So this answer does not fit the requirement.
SO I believe we need to believe they have WEBSITE_TIME_ZONE for sites
upvoted 1 times

ZVV 2 years, 9 months ago
Moreover - your calculations are just incorrect :)
9PM US = 4AM UTC = 1PM Japan
upvoted 1 times

ZVV 2 years, 9 months ago
Oh, sorry, my bad :(nevermind
upvoted 1 times

KenCraw 2 years, 9 months ago
Environments in both places and set up for each location. Added to this that 4:00AM - 7 is 9PM (21), +9 is 1PM (13), since both 21 + 13 are not options in the hour section. I am inclined to go with given answers

{second} {minute} {hour} {day} {month} {day-of-week}
upvoted 3 times

KenCraw 2 years, 9 months ago
Sorry everyone, had a mixup in logic... Please see Ming888's comment for clarity on answer + why
upvoted 2 times

FDC 2 years, 11 months ago
I agree with mastaace should be US: 0011 ** 1-5, Japan: 0019 ** 0-4
upvoted 1 times

Mnarmeen 2 years, 11 months ago
Can anyone please confirm the right answers?
upvoted 3 times

Uiey 1 year, 8 months ago
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-timer?tabs=in-process&pivots=programming-language-csharp
upvoted 1 times

Question #3 *Topic 6*

DRAG DROP -
You are creating a PowerApps connector between Dynamics 365 Sales and Slack.
You must generate a Slack notification whenever a new product is added to Dynamics 365 Sales. You must not be required to sign in directly into Dynamics 365
Sales to generate notifications. You created a Power Apps connector between Dynamics 365 Sales in Slack to enable this to happen.
You need to configure the appropriate security for each scenario.
Which security components should you configure?
NOTE: Each correct selection is worth one point.
Select and Place:

Correct Answer:
Box 1: Security roles -
A security role defines how different users, such as salespeople, access different types of records. To control access to data, you can modify existing security roles, create new security roles, or change which security roles are assigned to each user. Each user can have multiple security roles.
Security role privileges are cumulative: having more than one security role gives a user every privilege available in every role.
Each security role consists of record-level privileges and task-based privileges.

Box 2: OAuth -
Oauth 2.0 is the most frequently used type, which uses the Oauth 2 authentication framework to authenticate with the service. Before using this authentication type, you'll need to register your application with the service so that it can receive access tokens for the users.
For example, Register the application in Azure AD shows how to register an application with the Azure Active Directory service.
During the connection creation process, the user will be asked to enter the credentials for login to the service. These credentials will be used by the application to get an authorization token. For every request, this authorization token will be sent to your service through the Authorization header.

Box 3: Basic Authentication -
Basic Authentication is the simplest type of authentication, where the user just has to provide the username and password to create the connection.
Note: Before using any connector in Azure Logic Apps, Microsoft Power Automate, or Microsoft Power Apps, the user needs to create a connection by authenticating to the backend service.

Authentication types -
The different types of authentication that are currently supported are:

No authentication -

Basic authentication -

Api Key based authentication -

Oauth 2.0 -
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/admin/security-roles-privileges
https://docs.microsoft.com/en-us/connectors/custom-connectors/connection-parameters

Ezekielibe Highly Voted 2 years, 6 months ago
Security roles
API Key
Basic Authentication
upvoted 33 times

SashM 1 year, 1 month ago
Why API key for 2nd?
upvoted 1 times

DimpleG 1 year, 1 month ago

An API key can be used to capture application usage from a public site in PowerApps. An API key is a unique string of characters that is used to authenticate and identify the calling application or user. It can be passed as a parameter in an API call, and the API will only respond if the key is valid. The API key can be used to track usage and usage patterns and monitor the performance of the application.

upvoted 2 times

dfretyhg 1 year, 8 months ago

That's what I went with

upvoted 1 times

CE_Team_Gold 1 year, 7 months ago

You are correct.

Basic Authentication:
The information is encoded with base64 but it does not(!) use any encryption. Any password sent using basic authentication can easily be decoded. Basic authentication is vulnerable to replay attacks. So, OAuth authentication is recommended instead as which provides time based tokens and can have restricted access.

upvoted 1 times

S41 Highly Voted 2 years, 7 months ago

I will go with
OAuth
API Key
Basic Authentication

upvoted 15 times

At09 Most Recent 4 months, 3 weeks ago

Oauth
API key
BA

upvoted 1 times

MikeAWS 6 months ago

Correct answers are:
OAuth,
API Key,
Basic authentication.

Explanation:
- To ensure Dynamics 365 security is in place while connecting it to other systems like Slack, you would generally configure security using OAuth. OAuth is an industry-standard protocol for authorization that allows secure access to protected resources on behalf of a user, without exposing their credentials.
- For capturing application usage from a public site, you would typically use an API key for security. API keys are a common method of authentication and authorization for accessing APIs or services without requiring direct user authentication.
- For configuring a website login that does not need encryption, you would typically use Basic authentication. Basic authentication is a simple authentication mechanism where the user's credentials (username and password) are sent over the network in an encoded format, but not encrypted.

upvoted 1 times

jkaur 6 months, 2 weeks ago

-OAuth
-API key
-Basic authentication

upvoted 1 times

BlueP 1 year, 8 months ago

Basic authentication would require encryption as it's unencrypted by defualt

upvoted 1 times

BlueP 1 year, 8 months ago

I take that back, going with given answers

upvoted 1 times

BillWwww 1 year, 8 months ago

Basic authentication would need encryption, Oauth would not need encryption.
Therefore I would go for:

security roles
api key
oauth

upvoted 3 times

MarlyB 2 years, 1 month ago

Why security roles or OAuth for answer 1?

upvoted 2 times

ThePickOne 2 years, 2 months ago

Security roles
API Key
Basic Authentication
upvoted 1 times

Bukhari 2 years, 3 months ago
OAuth
API Key
Basic Authentication
upvoted 2 times

Big_PP 2 years, 7 months ago
Is it correct?
upvoted 1 times

Ezekielibe 2 years, 6 months ago
No its not
upvoted 1 times

Question #4 *Topic 6*

DRAG DROP -
A developer must register a step using the Plug-in registration tool.
You need to associate the correct Event Pipeline Stage of Execution with its purpose.
Which stage should you associate with each description? To answer, drag the appropriate stages to the correct descriptions. Each stage may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.
Select and Place:

Correct Answer:
Box 1: PreValidation -
For the initial operation, this stage will occur before the main system operation.
This provides an opportunity to include logic to cancel the operation before the database transaction.

Box 2: PreOperation -
PreOperation occurs before the main system operation and within the database transaction.
If you want to change any values for an entity included in the message, you should do it here.

Box 3: PostOperation -
Occurs after the main system operation and within the database transaction.
Use this stage to modify any properties of the message before it is returned to the caller.
Incorrect Answers:
MainOperation: For internal use only except for Custom API and Custom virtual table data providers.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/event-framework

oleav 10 months, 3 weeks ago
Correct
upvoted 1 times

jagibe 1 year, 5 months ago
PreValidation
PostOperation
PreOperation
upvoted 2 times

Kepty 1 year, 5 months ago
Wrong, the original answers are correct
upvoted 10 times

Question #5 *Topic 6*

HOTSPOT -

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

You have the following JSON segment:

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:

Correct Answer:

Box 1: Yes -

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

Box 2: No -

Tracking user changes -

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

The delta function.

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

Delta tokens are only valid for a specific period before the client application needs to run a full synchronization again. For directory objects (application, administrativeUnit, directoryObject, directoryRole, group, orgContact, oauth2permissiongrant, servicePrincipal, and user), the limit is 7 days.

Box 3: No -

There is limited support for $filter:

The only supported $filter expression is for tracking changes on a specific object: $filter=id+eq+{value}.

Box 4: Yes -

Reference:

https://docs.microsoft.com/en-us/graph/api/user-delta

Big_PP Highly Voted 2 years, 7 months ago

Is this one alright?

upvoted 7 times

Net_IT Most Recent 4 months, 3 weeks ago

Anyone can provide a link on which they base these answers?

upvoted 1 times

shibax 2 years ago

correct?

upvoted 1 times

DavidPPF 2 years, 3 months ago

YES YES NO YES

upvoted 3 times

> **MarlyB** 2 years, 1 month ago
>
> Why do you think that?
>
> upvoted 1 times

Hendrikdb 2 years, 4 months ago

Corect

upvoted 4 times

btc3100 2 years, 5 months ago

I don't think the token is valid. It should not contain %3o.

upvoted 2 times

fayeje1956 1 year, 11 months ago

I had it on my exam the other day and it's actually %3a and not %3o. After decoding the token will be 652832!07/20/2020 17:21:13 and therefore it is valid. So my answers were YNNY

upvoted 5 times

Question #6 *Topic 6*

HOTSPOT -

A training company implements a Common Data Service (CDS) environment. The company has created and stores information about courses in a custom entity.

A Power Automate flow must be created whether a course has been created that starts within the next seven days and must be accurate to the minute.

You need to define an expression that meets the requirements.

Which functions should you use for the expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Box 1: less -

less checks whether the first value is less than the second value. Return true when the first value is less, or return false when the first value is more.

Box 2 : ticks -

ticks(timestamp: string) - Returns the number of ticks (100 nanoseconds interval) since 1 Jan 1601 00:00:00 UT

Syntax: ticks('<timestamp>')

Box 3: triggerBody -

triggerBody returns a trigger's body output at runtime.

Box 4: ticks -

Box 5: getFutureTime -

getFutureTime teturn the current timestamp plus the specified time units.

Syntax: getFutureTime(<interval>, <timeUnit>, <format>?)

Reference:

https://docs.microsoft.com/en-us/azure/logic-apps/workflow-definition-language-functions-reference

loecun Highly Voted 2 years, 4 months ago

correct

upvoted 8 times

lesiris Highly Voted 2 years, 4 months ago

That seems correct to me

upvoted 5 times

yasir24 Most Recent 5 months, 1 week ago

IMO:

Triggerbody, ticks, getFutureTime, less, getFutureTime

upvoted 1 times

admin829200 1 year, 2 months ago

correct

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

Question #7 *Topic 6*

DRAG DROP -

You are developing a Power Platform app for a school. The school plans to use the app to gather information about classes and students.

You must design a plug-in for the app. You must store data about students in the Contacts table and store data about classes in a custom table.

You need to select the stage in the event pipeline for each function.

Which stages should you use? To answer, drag the appropriate plug-in stages to the correct functions. Each plug-in stage may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Plug-in stages

- PreValidation
- PreOperation
- PostOperation

Answer Area

Function	Plug-in stage
Cancel a class if the student is over 15 years old.	
Update the record being processed by the plug-in step and rollback if an error occurs.	
Add a student to the appropriate class.	

Correct Answer:

Plug-in stages

- PreValidation
- PreOperation
- PostOperation

Answer Area

Function	Plug-in stage
Cancel a class if the student is over 15 years old.	PreValidation
Update the record being processed by the plug-in step and rollback if an error occurs.	PreOperation
Add a student to the appropriate class.	PostOperation

Box 1: PreValidation -

For the initial operation, this stage will occur before the main system operation.

This provides an opportunity to include logic to cancel the operation before the database transaction.

Box 2: PreOperation -

Occurs before the main system operation and within the database transaction.

If you want to change any values for an entity included in the message, you should do it here.

Avoid cancelling an operation here. Canceling will trigger a rollback of the transaction and have significant performance impact.

Box 3: PostOperation -

Occurs after the main system operation and within the database transaction.

Use this stage to modify any properties of the message before it is returned to the caller.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/event-framework

sumiiiiiiiii Highly Voted 2 years, 2 months ago

Correct answer

upvoted 12 times

At09 Most Recent 4 months, 3 weeks ago

useless question.. but go with what you guys say

upvoted 1 times

HiJaak 5 months ago

Last one cannot be PostOperation as https://learn.microsoft.com/en-us/power-apps/developer/data-platform/event-framework states:

"Occurs after the main system operation and within the database transaction.

Use this stage to modify any properties of the message before it is returned to the caller.

Avoid applying changes to an entity included in the message because this will trigger a new Update event."

So it should be:
1. PreValidation
2. PreOperation
3. PreOperation

upvoted 1 times

MikeAWS 6 months ago

1. PreValidation - In our case, we want to cancel a class if the student is over 15 years old. This involves validating the student's age before allowing the class operation to proceed. The PreValidation stage is the most appropriate because it lets you check the student's age and conditionally cancel the class operation before validation occurs.
2. PreOperation - in this case, the requirement is to update the record and potentially roll back changes if an error occurs. The PreOperation stage is the appropriate choice because you can update the record and throw an exception to roll back changes if needed.
3. PreOperation - since we need to determine the appropriate class for the student before the main operation of adding the student is executed, the PreOperation stage is the appropriate choice for this scenario.

upvoted 3 times

MikeAWS 6 months ago

1. PreValidation
2. PreOperation
3. PreOperation

upvoted 3 times

jkaur 6 months, 2 weeks ago

-PreValidation
-PreOperation
-PostOperation

upvoted 3 times

SuperRaj 8 months, 2 weeks ago

PreValidation
PostOperation
PostOperation

upvoted 2 times

Question #8 *Topic 6*

The communication department for a company plans to add a publicly accessible survey page to the company's public website.
You must add the new survey page to the company's public website and capture data from the page to a Common Data Service environment.
Explicit user credentials must not be required to write survey data to Common Data Service.
You need to implement authentication.
Which authentication mechanism should you implement?

A. ADFS

B. Azure AD Conditional Access

C. OAuth 2.0

D. Client secret

Correct Answer: *C*
The OAuth 2.0 client credentials grant flow permits a web service (confidential client) to use its own credentials, instead of impersonating a user, to authenticate when calling another web service.
Note: OAuth is the preferred means to authenticate because it provides access to both the OData RESTful web services (Web API and OData global Discovery service) as well as to the SOAP web services (Organization service and Discovery service).
OAuth is also required to support:
⊸ Azure Active Directory configurations for conditional access, such as Two-factor Authentication (2FA)
⊸ Use of client secrets to enable server-to-server authentication scenarios.
⊸ Cross-Origin Resource Sharing (CORS) to connect a Single-page Application (SPA)
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/wp-security https://docs.microsoft.com/en-us/powerapps/developer/data-platform/authentication

Community vote distribution
C (100%)

At09 4 months, 3 weeks ago
Oauth then
upvoted 1 times

lezzles11 6 months, 2 weeks ago
Selected Answer: C
Guess you could set the grant type to implicit
https://learn.microsoft.com/en-us/azure/active-directory/develop/v2-oauth2-implicit-grant-flow
upvoted 1 times

Alduzz1985 9 months, 1 week ago
Selected Answer: C
Must be Client Secret
upvoted 3 times

DimpleG 1 year, 1 month ago
Selected Answer: C
OAuth 2.0 is a popular authentication mechanism that allows users to share their resources (such as data on a website) with a third-party application without explicitly providing their credentials. It will enable clients to access resources on behalf of a resource owner and can be used to authenticate and authorize users without requiring explicit credentials. This makes it a good choice for a given scenario, where the survey page should be publicly accessible and the data should be capturehttps://www.examtopics.com/exams/microsoft/pl-400/view/2/#d in a Common Data Service environment without requiring explicit user credentials.
upvoted 2 times

Flatternschuchtern 1 year, 5 months ago
Confirm please, looks sus
upvoted 3 times

fancyturkey 1 year, 1 month ago
Should be correct, OAuth doesn't need explicit credential, it uses "access token" from web service
upvoted 2 times

Question #9 *Topic 6*

DRAG DROP -

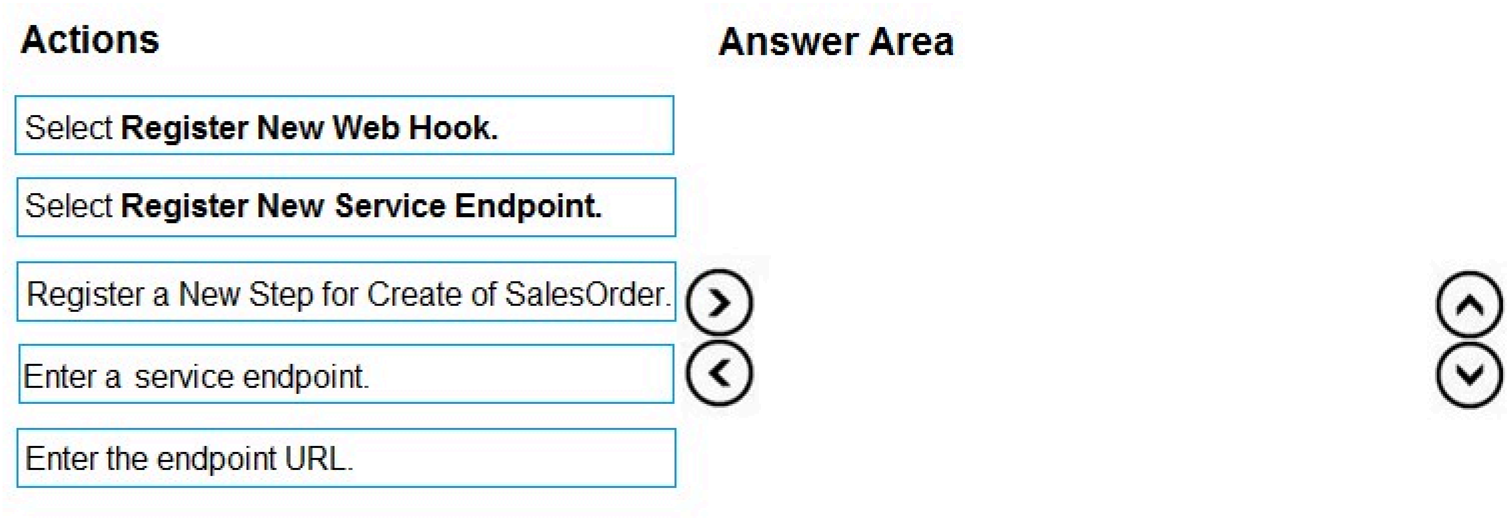
A company uses Dynamics 365 Sales.

Sales commission must be calculated when an order is placed. You create an Azure Function to perform the calculation. The Azure Function has an HTTP trigger.

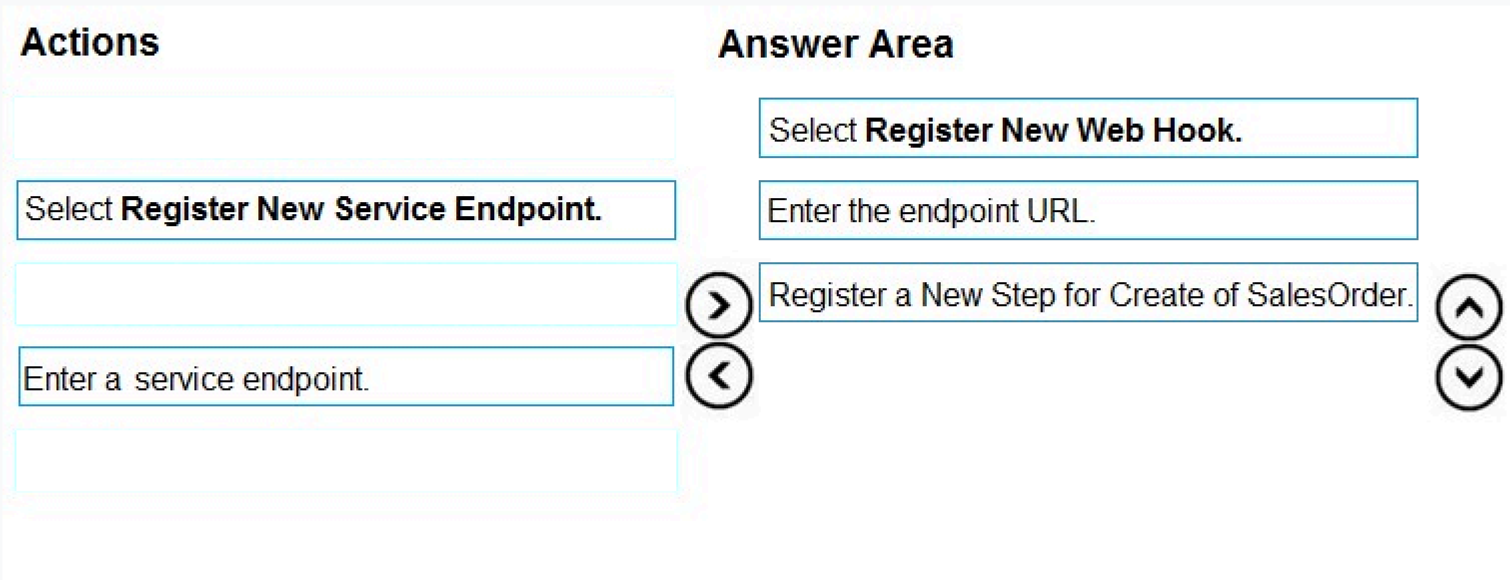
You need to configure the Plug-in Registration tool to send data to the Azure Function when an order is placed. You open the Plug-in Registration tool and connect to Dynamics 365 Sales.

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

Select and Place:



Correct Answer:

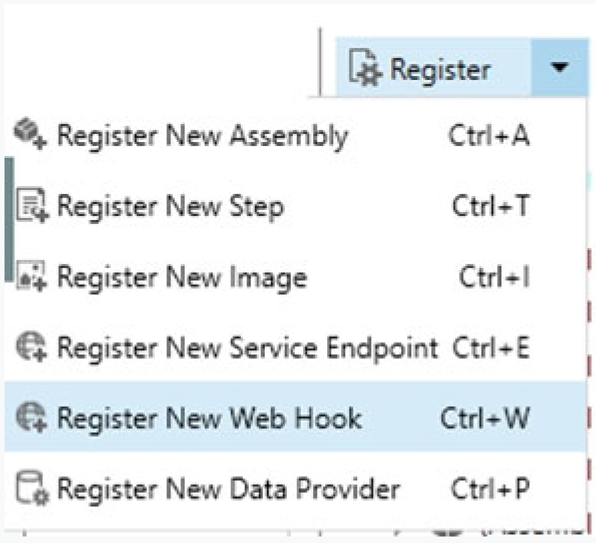


Step 1:SelectRegister New Web Hook.

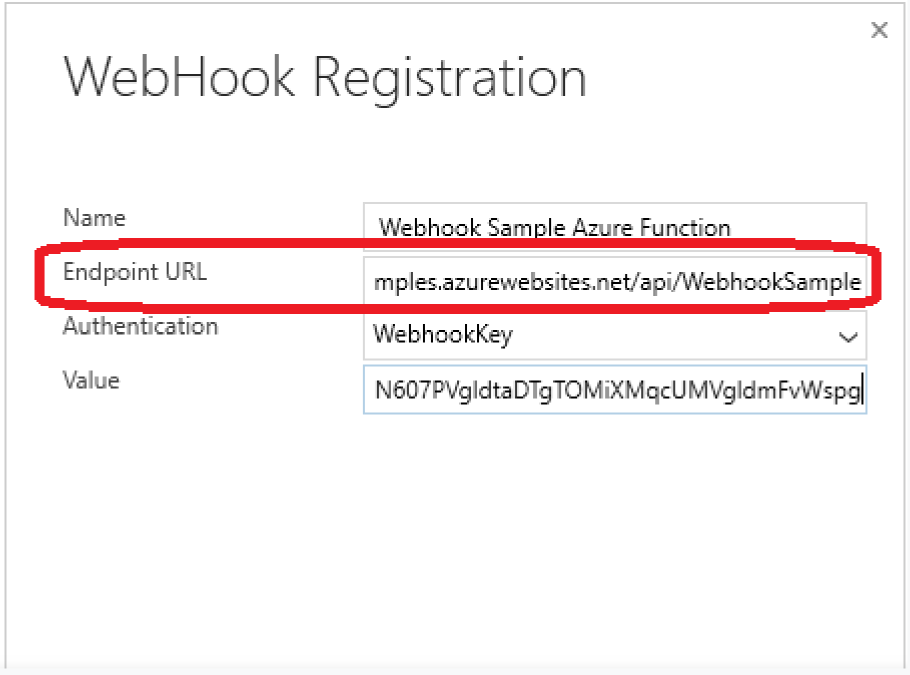
Configure Dynamics 365 Sales to Call Your Webhook in Azure Functions

1. Open the Plug-in Registration Tool and connect to your organization.

2. Select Register->Register New Web Hook



Step 2: Enter the endpoint URL -



Step 3: Register a New Step for Create of SalesOrder.
Register a new webhook, and then tie that webhook to an event in Dynamics 365 Sales. Select your newly registered webhook, right-click it, and then choose
"Register New Step."
Note that the webhook here is set to execute whenever a change to an account record is detected within Dynamics 365 Sales.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/tutorial-write-plug-in

Prakash4691 Highly Voted 3 years ago
right answer
upvoted 15 times

jkaur Most Recent 6 months, 2 weeks ago
correct
upvoted 1 times

ziggy1117 6 months, 4 weeks ago
correct: https://learn.microsoft.com/en-us/training/modules/integrate-common-data-service-azure-solutions/5-azure-function
upvoted 2 times

Flatternschuchtern 1 year, 5 months ago
You can easily register the step first, then RMB it and press register web hook. What a way to score 0 on a question
upvoted 1 times

metyh 2 years, 10 months ago
correct answer
upvoted 2 times

Puneet80 2 years, 11 months ago
Answer is correct -
Reference: https://d365demystified.com/2020/03/19/call-azure-function-from-dynamics-365-crm-using-webhooks/
upvoted 3 times

SashM 1 year, 1 month ago
yes correct. Thanks
upvoted 1 times

bigdatawork 3 years ago
First two are correct but seems third should be register Step.
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/register-web-hook
upvoted 1 times

Prakash4691 3 years ago
Correct Answer: step 1 - Register new webhook.
step 2 - Provide Endpoint URL
step 3 - Authentication
step 4 - Register new step
upvoted 2 times

paulojorge 3 years ago
The WebhookKey option is useful with Azure Functions because the authentication query string is expected to have a key name of code.
Question answer is right.
upvoted 6 times

Question #10 *Topic 6*

The communication department for a company plans to add a publicly accessible survey page to the company's public website.
You must add the new survey page to the company's public website and capture data from the page to a Common Data Service environment.
Explicit user credentials must not be required to write survey data to Common Data Service.
You need to implement authentication.
Which authentication mechanism should you implement?

A. Microsoft 365

B. X.509 certificate

C. OAuth 2.0

D. Claims-based

Correct Answer: *C*
OAuth is the preferred means to authenticate because it provides access to both the OData RESTful web services (Web API and OData global Discovery service) as well as to the SOAP web services (Organization service and Discovery service).
OAuth is also required to support:
- Azure Active Directory configurations for conditional access, such as Two-factor Authentication (2FA)
- Use of client secrets to enable server-to-server authentication scenarios.
- Cross-Origin Resource Sharing (CORS) to connect a Single-page Application (SPA)

Incorrect Answers:
A: Using Microsoft 365 authentication does not require that your register your applications as OAuth does. You must simply provide a User Principal Name (UPN) and password for a valid user.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/authentication

Community vote distribution
C (100%)

samxhander Highly Voted 2 years, 3 months ago
Correct.
upvoted 10 times

NyarukouSAMA Most Recent 5 months ago
Selected Answer: C
Correct
upvoted 2 times

justin_s 1 year, 1 month ago
It is B. The answer takes me 3 days...
upvoted 1 times

SashM 1 year, 1 month ago
No C is correct
upvoted 1 times

justin_s 1 year, 1 month ago
You all are wrong. OAuth2.0 need Explicit user credentials. Check the portal authentication about OAuth2.0, you can only choose Microsoft, Facebook, etc.
upvoted 1 times

Coder1 1 year ago
Where its mentioned that its a Portal website ?
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

dfretyhg 1 year, 8 months ago
That's what I chose
upvoted 1 times

BlueP 1 year, 8 months ago

correct, I only know this because I had this scenario in real life and have used OAuth which meant users didn't have to explicitly provide creds

upvoted 1 times

Question #11 *Topic 6*

DRAG DROP -
You are a Power Platform developer.
Users report several access issues.
You need to resolve the user access issues.
What should you use? To answer, drag the appropriate security options to the correct scenarios. Each security 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:

Security options

- DLP policy
- GDPR compliance
- Conditional access
- Exfiltration blocking

Answer Area

Issues	Security option
A user is not able to sign into a Power Apps app from home.	Security option
A user is not able to use a social media connector in a flow that uses the Microsoft Teams connector.	Security option
A user is not able to forward email messages to an address in another domain.	Security option

Correct Answer:

Security options

- DLP policy
- GDPR compliance
- Conditional access
- Exfiltration blocking

Answer Area

Issues	Security option
A user is not able to sign into a Power Apps app from home.	Conditional access
A user is not able to use a social media connector in a flow that uses the Microsoft Teams connector.	DLP policy
A user is not able to forward email messages to an address in another domain.	Exfiltration blocking

Box 1: Conditional access -
You can limit access to users with block access by location to reduce unauthorized access. By using Conditional Access policies, you can apply the right access controls when needed to help keep your organization secure and stay out of your user's way when not needed.
Conditional Access analyses signals such as user, device, and location to automate decisions and enforce organizational access policies for resources.

Box 2: DLP policy -
DLP policies enforce rules for which connectors can be used together by classifying connectors as either Business or Non-Business. If you put a connector in the
Business group, it can only be used with other connectors from that group in any given app or flow. Sometimes you might want to block the usage of certain connectors altogether by classifying them as Blocked.

Box 3: Exfiltration blocking -
Email exfiltration controls for connectors
Microsoft Exchange enables admins to disable email autoforwards and autoreplies to remote domains for external recipients. Exchange

does this by using message-type headers, such as Auto Forward received from Outlook and Outlook on web clients.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/restrict-access-online-trusted-ip-rules https://docs.microsoft.com/en-us/power-platform/admin/wp-data-loss-prevention https://docs.microsoft.com/en-us/power-platform/admin/block-forwarded-email-from-power-automate

vpatel1826 Highly Voted 1 year, 2 months ago
Correct
upvoted 6 times

Question #12 *Topic 6*

HOTSPOT -

A company uses Dynamics 365 Sales.

You need to configure the customer lookup search for email activity in the canvas app.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
If ( [IsBlank | AsType | IsType] ( ThisItem.'Company Name' ), "",
   [IsBlank | AsType | IsType] ( ThisItem.'Company Name', [@Accounts] ),
      "Account: " & [IsBlank | AsType | IsType] ( ThisItem.'Company Name', [@Accounts] ).'Account Name',
     "Contact: " & [IsBlank | AsType | IsType] ( ThisItem.'Company Name', [@Contacts] ).'Full Name'
)
```

Correct Answer:

Answer Area

```
If ( IsBlank ( ThisItem.'Company Name' ), "",
   IsType ( ThisItem.'Company Name', [@Accounts] ),
      "Account: " & AsType ( ThisItem.'Company Name', [@Accounts] ).'Account Name',
     "Contact: " & AsType ( ThisItem.'Company Name', [@Contacts] ).'Full Name'
)
```

Box 1: IsBlank -

The IsBlank function tests for a blank value or an empty string. The test includes empty strings to ease app creation since some data sources and controls use an empty string when there is no value present.

Box 2: IsType -

The IsType function tests whether a record reference refers to a specific table type.

Box 3: AsType -

The AsType function treats a record reference as a specific table type, sometimes referred to as casting. You can use the result as if it were a record of the table and again use the Record.Field notation to access all of the fields of that record. An error occurs if the reference isn't of the specific type.

Box 4: AsType -

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-isblank-isempty https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-astype-istype

Aryabhatta Highly Voted 1 year ago

If(IsBlank(ThisItem.'Company Name'),"",IsType(ThisItem.'Company Name',[@Accounts]),"Account:" & AsType(ThisItem.'Company Name',[@Accounts]).'Account Name',"Contact:" & AsType(ThisItem.'Company Name',[@Contacts]).'Full Name')

upvoted 5 times

Panda01 Most Recent 2 weeks, 5 days ago

given answer is correct

same example given in this link
https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-astype-istype#example

upvoted 1 times

Question #13 *Topic 6*

HOTSPOT -

You are designing an integration between Dataverse and an external application. The external application processes thousands of records per day.

Record processing volumes vary throughout the day. Extremely high processing volumes may occur and may exceed the Dataverse service protection API limits.

You need to implement each service protection limit that is enforced.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Box 1: Number per user over a sliding window of time

Service protection API limits are enforced based on three facets:

- The number of requests sent by a user.
- The combined execution time required to process requests sent by a user.
- The number of concurrent requests sent by a user.

The following table describes the default service protection API limits enforced per web server:

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

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

Box 3: Fixed number per user -

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/api-limits

RexinCP 1 year, 2 months ago

Correct

upvoted 2 times

Hiema87 1 year, 1 month ago

https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/service-protection-api-limits

upvoted 2 times

BEK2020 4 months, 1 week ago

Thank you for the link, you got it right.

upvoted 1 times

Question #14 *Topic 6*

You are deploying a Power Apps app that uses the custom connector for ServiceNow.
The app loads very slowly for some users. You determine that all records from ServiceNow are being retrieved for every user.
The app must load only incidents that are assigned to each user.
You need to limit the number of records that the connector returns.
What should you do?

A. Apply a Lifecycle Services asset scope

B. Apply a business process flow

C. Apply the Azure APIM parameter

D. Apply a connector policy template

Correct Answer: *D*
You can configure policy templates for custom connectors. Policies allow you to modify the behavior of a custom connector at runtime. You can use policies to perform data conversion, route requests, set parameter values, and more. You can configure policies directly in the custom connector API properties file before import, or you can do it from the maker portal in the custom connector designer by applying policy templates.
Common policy use cases are:
* Set query parameter - Use for handling default values, if necessary, but the maker doesn't configure one. For example, if an API required a top parameter for how many records to return by using a policy, you could set a default value to be used if the maker doesn't configure one.
Note: ServiceNow Action: GetRecords

Summary: List Records -
Description: Gets records of a certain ServiceNow object type like 'Incidents'
Syntax:ServiceNow.GetRecords (string tableType, [advanced][Optional]boolean sysparm_display_value, [advanced][Optional]boolean sysparm_exclude_reference_link, [advanced][Optional]string sysparm_query, [advanced][Optional]integer sysparm_limit, [advanced][Optional]integer sysparm_offset)
Reference:
https://docs.microsoft.com/en-us/learn/modules/policy-templates-custom-connectors/
https://www.carlosag.net/PowerApps/Connectors/ServiceNow

Community vote distribution
D (100%)

DimpleG Highly Voted 1 year, 1 month ago
Selected Answer: D
A connector policy template is a set of rules that you can apply to a custom connector to control how it interacts with the data source. These templates can be used to limit the number of records that the connector returns, by filtering the data based on specific criteria. In this case, you can use a connector policy template to filter the incidents returned from ServiceNow to only those that are assigned to each user. This will help to improve the performance of the app by reducing the amount of data that needs to be loaded for each user, resulting in faster load times.
upvoted 6 times

oleav Most Recent 10 months, 3 weeks ago
Selected Answer: D
Correct
upvoted 1 times

CRMBug 1 year, 3 months ago
Correct
upvoted 2 times

amdy 1 year, 11 months ago
Correct
upvoted 2 times

Question #15 *Topic 6*

A company is developing multiple plug-ins.
One of the plug-ins keeps failing.
You need to debug the plug-in.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Highlight the plug-in step and select Debug in the Plug-in Registration tool

B. Copy the .pdb file into the server/bin/assembly folder

C. Select Start Profiling in the Plug-in Registration tool

D. Attach the debugger to the w3wp.exe process

E. Install the plug-in profiler

Correct Answer: *ACE*
Step 1: Install plug-in profiler
Because the plug-in executes on a remote server, you cannot attach a debugger to the process. The plug-in profiler captures a profile of an executing plug-in and allows you to re-play the execution of the plug-in using Visual Studio on your local computer.

Step 2: Start profiling -
1. In the Plug-in Registration tool, select the (Step) BasicPlugin.FollowupPlugin: Create of account step, and click Start Profiling.
2. In the Profiler Settings dialog accept the default settings and click OK to close the dialog.

Step 3: Debug your plug-in -
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/tutorial-debug-plug-in

Community vote distribution
ACE (83%) ADE (17%)

At09 4 months, 3 weeks ago
ECA .
upvoted 1 times

Jett27 9 months, 2 weeks ago
Selected Answer: ACE
In exam 5/17/2023
upvoted 3 times

oleav 10 months, 3 weeks ago
Selected Answer: ACE
Seems to correct in order E, C, A
upvoted 2 times

KillaHai 1 year ago
Selected Answer: ADE
Starting profiling in the Plugin Registration Tool can help identify any performance bottlenecks or issues in the execution of the plugin, but it may not necessarily help in debugging a failing plugin. Debugging the plugin code and attaching a debugger to the process or using the Plugin Profiler can be more helpful for identifying and fixing errors in the code.
upvoted 1 times

powerrage 1 year ago
attaching a debugger to the process is only applicable in on-premise deployments and yet not recommended as you'll block the app to everyone else using the platform.
upvoted 1 times

Violoncello 1 year, 6 months ago
Correct: It's E, then C, then A (in that order), but before doing A, rerun the task where the plugin fails. Then you have the image that you can replay as many times as you like while debugging (A).
upvoted 2 times

lesiris 1 year, 7 months ago

Was in my exam (28/07/2022)
upvoted 1 times

BlueP 1 year, 8 months ago
correct
upvoted 2 times

kT185 1 year, 9 months ago
correct
upvoted 1 times

BillWwww 1 year, 9 months ago
The "Correct Answer" given contradicts their explanation!
upvoted 1 times

Ezekielibe 2 years, 6 months ago
Seems Correct
upvoted 4 times

Hugolini 2 years, 6 months ago
Correct
upvoted 2 times

Question #16 *Topic 6*

DRAG DROP -

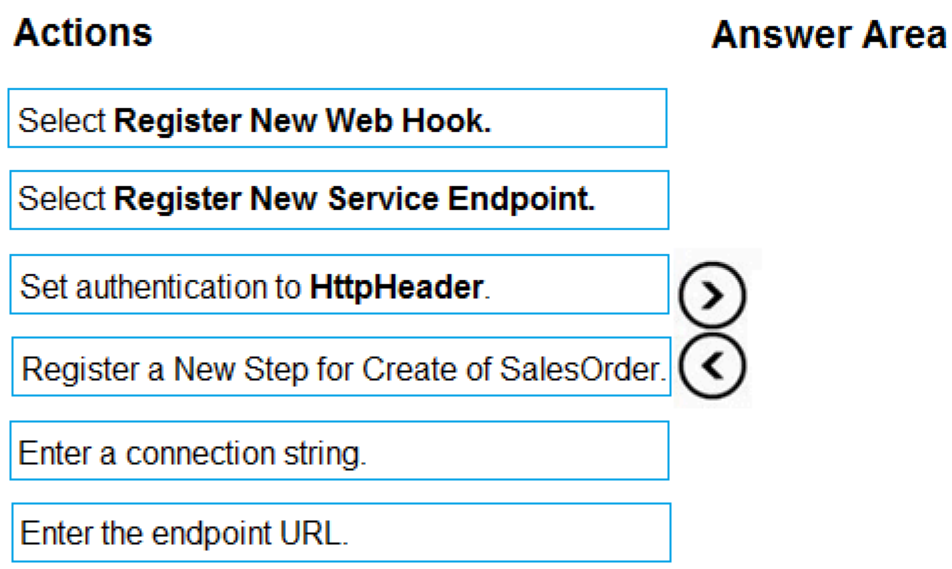
A company uses Dynamics 365 Sales.

Sales commission must be calculated when an order is placed. You create an Azure Function to perform the calculation. The Azure Function has an HTTP trigger.

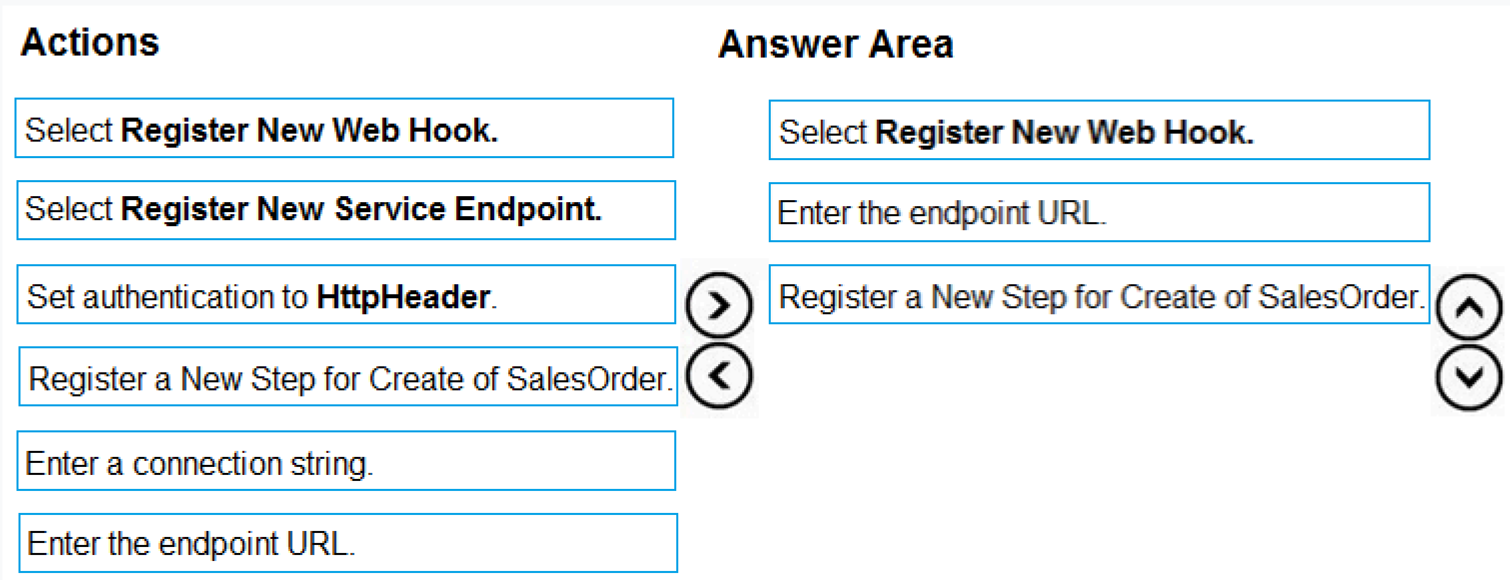
You need to configure the Plug-in Registration tool to send data to the Azure Function when an order is placed. You open the Plug-in Registration tool and connect to Dynamics 365 Sales.

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

Select and Place:



Correct Answer:

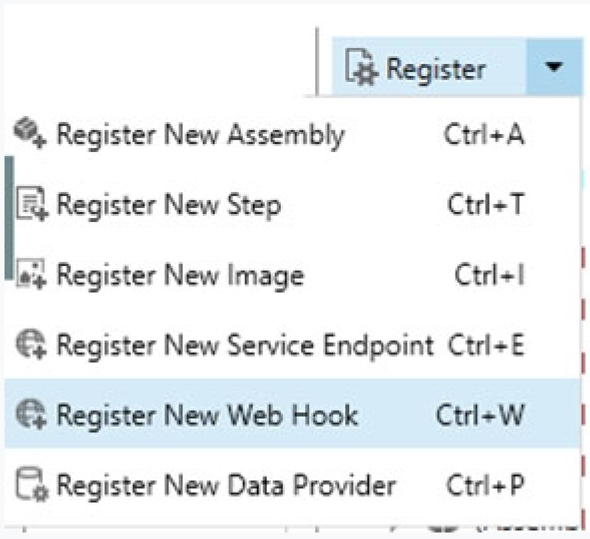


Step 1:SelectRegister New Web Hook.

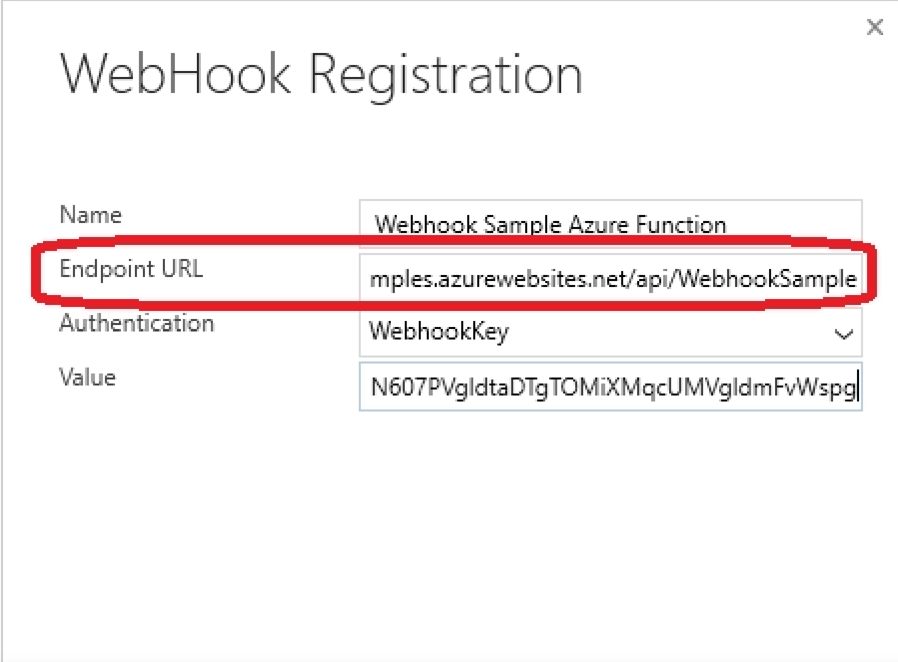
Configure Dynamics 365 Sales to Call Your Webhook in Azure Functions

1. Open the Plug-in Registration Tool and connect to your organization.

2. Select Register->Register New Web Hook



Step 2: Enter the endpoint URL -



Step 3: Register a New Step for Create of SalesOrder.
Register a new webhook, and then tie that webhook to an event in Dynamics 365 Sales. Select your newly registered webhook, right-click it, and then choose
"Register New Step."
Note that the webhook here is set to execute whenever a change to an account record is detected within Dynamics 365 Sales.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/tutorial-write-plug-in

At09 4 months, 3 weeks ago
Correct
upvoted 1 times

oleav 10 months, 3 weeks ago
correct
upvoted 4 times

BlueP 1 year, 8 months ago
correct - https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-webhooks?view=op-9-1
upvoted 4 times

BillWwww 1 year, 9 months ago
Oh authentication is set to webhookkey in their example, but it isn't an option on the choices
upvoted 1 times

BillWwww 1 year, 9 months ago
Doesn't authentication also need to be configuration ie HttpHeader?
upvoted 1 times

Rugby069 1 year, 11 months ago
Correct
upvoted 2 times

Question #17 *Topic 6*

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

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

Correct Answer: *A*
Visual representation of metadata can be useful, especially when you are trying to describe the relationship between entities in the system. You can use the
Metadata Diagram sample code provided for Dynamics 365 Customer Engagement (on-premises) to generate the entity relationship diagrams.
You can create a diagram that shows a relationship for just one entity, or a complex diagram that includes dozens of related entities, including custom and system entities.
Reference:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-metadata-generate-entity-diagrams

Community vote distribution
A (100%)

Inspyred Highly Voted 3 years, 1 month ago
Correct
upvoted 20 times

Kollyjose Highly Voted 3 years, 1 month ago
Correct
upvoted 9 times

oleav Most Recent 10 months, 3 weeks ago
Selected Answer: A
correct
upvoted 2 times

hertino 1 year, 5 months ago
Ok,
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/use-metadata-generate-entity-diagrams?view=op-9-1
upvoted 2 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

dfretyhg 1 year, 8 months ago
The other three are easy to eliminate. It must be correct
upvoted 1 times

luvasgloves 2 years, 5 months ago
Super correcttttttttttttttttt
upvoted 5 times

Ezekielibe 2 years, 6 months ago
Very Correct
upvoted 3 times

Mooskito 2 years, 7 months ago
Correct
upvoted 4 times

rijifa7178 2 years, 8 months ago
NOOOOOOOOOO

upvoted 2 times

Jnicosia 2 years, 1 month ago

Why Not? I agree with answer.

upvoted 2 times

Question #18 *Topic 6*

HOTSPOT -

A travel agency uses Dynamics 365 Sales.

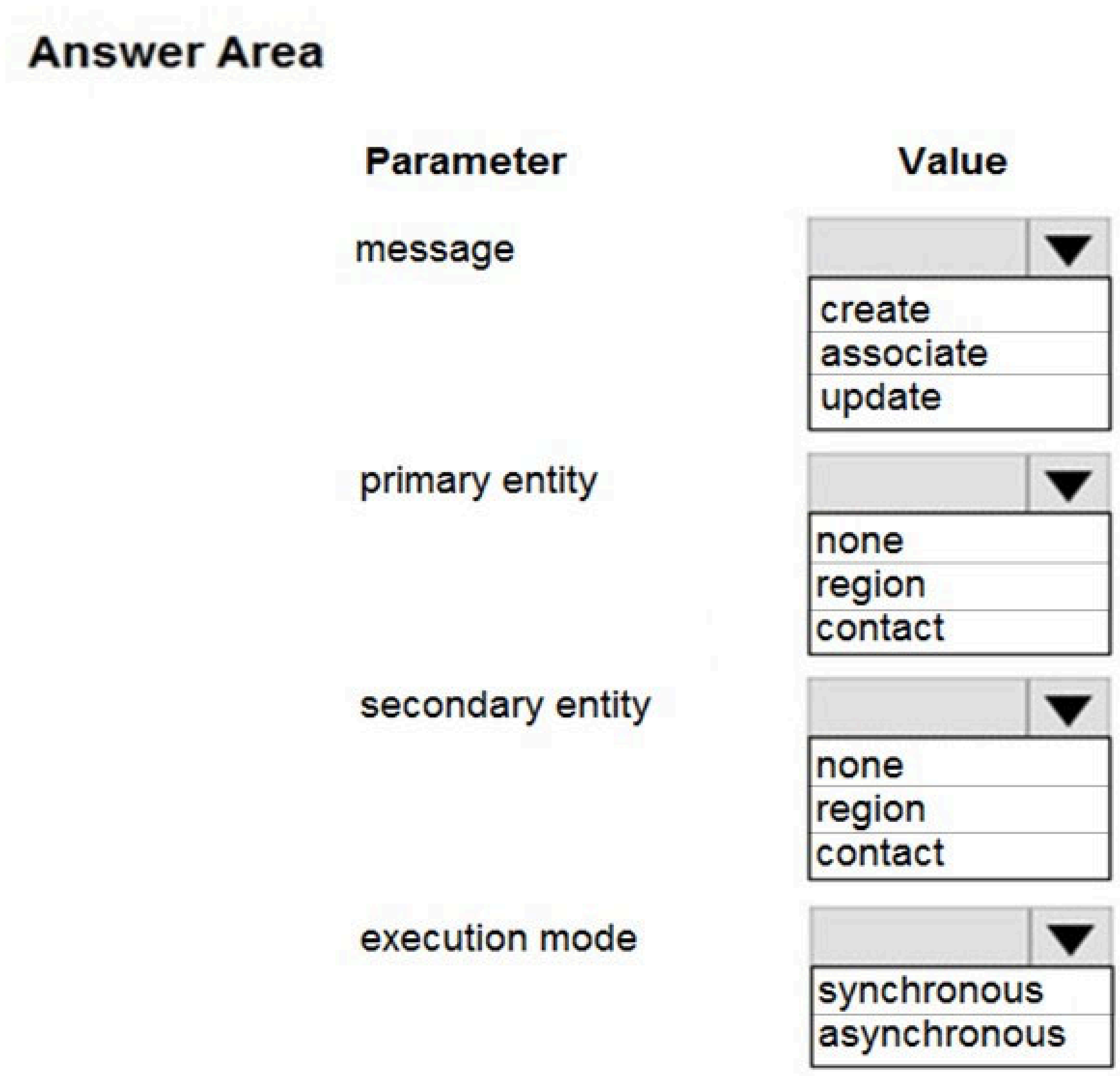
Customers are allowed to add up to three regions to their travel preferences from the website. Customer preferences must be stored in the Contact entity. An error message must display if customers enter data incorrectly. You create a plug-in.

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

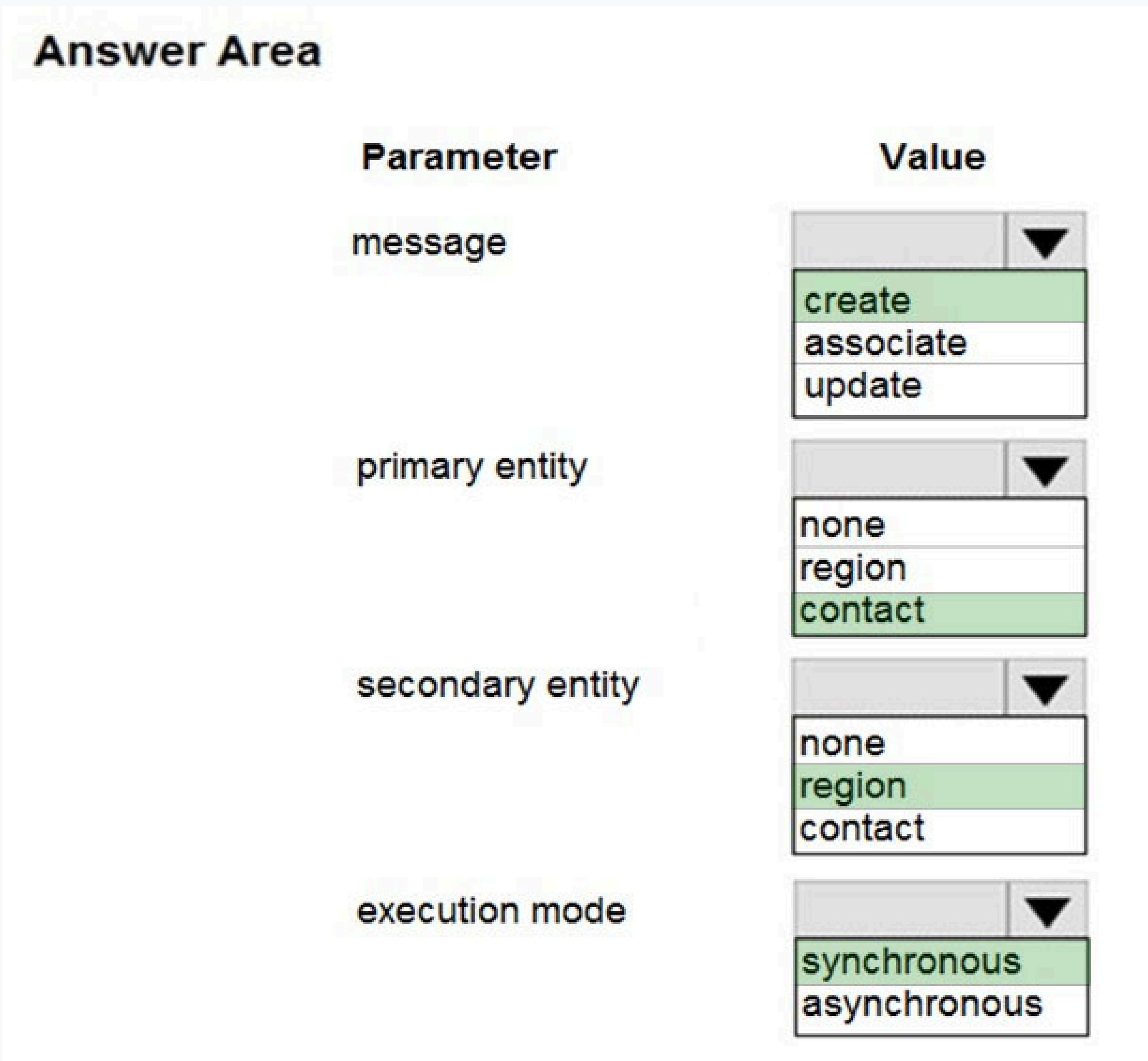
Which value should you apply for each parameter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: create -

An error message must display if customers enter data incorrectly.

The message must be created -

Box 2: contact -
Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.

Box 3: region -
Customers are allowed to add up to three regions to their travel preferences from the website. Customer preferences must be stored in the Contact entity

Box 4: synchronous -
A synchronous plug-in will cause the operation to wait until the code in the plug-in completes. This has an impact on perceived performance of the system. The operations in an asynchronous plug-in are placed in a queue and are executed after the operation is completed so that the operation can complete with minimal interruption.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/tutorial-write-plug-in

btmeera Highly Voted 2 years, 4 months ago
Associate, none, none, sycn is the correct answer
upvoted 21 times

AADAdmin1 1 year, 1 month ago
Explained here: https://community.dynamics.com/crm/b/mylifemicrosoftdynamiccrm/posts/ms-dynamics-crm-associate-disassociate-message-plugin
upvoted 2 times

Flatternschuchtern 1 year, 5 months ago
Incorrect, "Customer preferences must be stored in the Contact entity." My guess there are just 3 fields.

The correct answer is
1) Update
2) Contact
3) None
4) Synchronous
upvoted 19 times

DiemerBenoit Highly Voted 2 years, 4 months ago
When you register a plugin on Associate message, you have to leave “Primary and Secondary“ entities as ‘none’.
upvoted 12 times

At09 Most Recent 4 months, 3 weeks ago
Multi Select OptionSet .... Ringing a bell ? lol
upvoted 1 times

jkaur 6 months, 2 weeks ago
Associate, none, none, sycn
upvoted 1 times

oleav 10 months, 3 weeks ago
"You need to register the plug-in to meet the requirements." ... so I understand its about registraiton https://learn.microsoft.com/en-us/power-apps/developer/data-platform/tutorial-write-plug-in#register-a-new-step
So it's correct: Create, Contact, Region, Synchronous

Almost all post here is about method to perform data operation - Create, Retrieve, RetrieveMultiple, Update, Delete, Associate, and Disassociate
upvoted 1 times

No_Doubt 1 year, 3 months ago
There is difference between
1- How the question is requesting the design?
2- What's the best practice?

In order to answer Q1, the answer is Update, Contact, None, Synchronous, where the contact entity has 3 lookup fields to the region entity called [Travel Preference 1 - Travel Preference 2 - Travel Preference 3], since the question is mentioning "Customer preferences must be stored in the Contact entity"

To answer Q2, the answer is to register the plugin-in on the Associate message in the pre-validate pipeline, with primary and secondary entities = None, and execution mode same as Q1, Synchronous.

For me, I will answer the question as it is and go with Q1: Update, Contact, None, Synchronous

upvoted 4 times

northstar88 1 year, 5 months ago

Update
Contact
none
Sync

Customers are allowed to add up to three regions << this is unclear, but to me this sounds like the number of available regions are already predetermined (three), which mean it's possible that "preferences" is an optionset.
Customer preferences must be stored in the Contact entity. << already a clear indication that Contact entity is the one getting updated.
Lastly it has to be sync because we want the error to appear if the validation failed. Async will not throw an error on screen.

upvoted 7 times

rogrod 1 year, 5 months ago

Associate will not store the preferences info in Contact Entity...
It seems that preferences are simple lookups fields on contact entity, so correct message must be "Update".
In my opinion:
"Update" (preferences stored in contact entity),
"Contact",
"None",
"Syncronous" (must be throw an error to user if data wrong)

upvoted 3 times

Violoncello 1 year, 6 months ago

So, it seems we agree on "sync"...
About "Associate, none, none": This plugin will fire on *any/every* entity that gets associated with *any/every* entity. Do we really want a plugin firing *ALL* the time???

upvoted 1 times

BlueP 1 year, 8 months ago

The wording of the question makes this tricky:

"Customer preferences must be stored in the Contact entity" - this makes me think that the region data is not an secondary entity (for example Multi-select option), hence the contact has to be updated not associated with another entity.

if that is the case the message would be update,
primary entity - contact
secondary - none
Execution would be synchronous because we would need to validate the data and display error message in real time - "An error message must display if customers enter data incorrectly"

I can also see it the other way where the region is a separate entity and then you would have to associate these with a contact.

If this is on the exam I will go with my gut feeling and go with update

upvoted 6 times

ShaiAtElad 1 year, 9 months ago

According to this link - https://docs.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in , Secondary Inage "This field remains for backward compatibility for deprecated messages that accepted an array of EntityReference as the Target parameter. This field is typically not used anymore." so null sounds right

upvoted 1 times

pkatsa 1 year, 10 months ago

isn't Associate/Disassociate messages only for N-N relationship adding only?
https://community.dynamics.com/crm/b/mylifemicrosoftdynamiccrm/posts/ms-dynamics-crm-associate-disassociate-message-plugin

upvoted 1 times

BetoJR 1 year, 11 months ago

What about "update, contact, none, synchronous"? Just curious...

upvoted 8 times

Aferdita 1 year, 11 months ago

https://www.examtopics.com/discussions/microsoft/view/22293-exam-mb-400-topic-6-question-6-discussion/

upvoted 3 times

luvasgloves 2 years, 5 months ago

Associate, none, none, sync

upvoted 5 times

Vivinator1 2 years, 5 months ago

In Associate and Disassociate messages primary and secondary entities are always set as None as this plugin will trigger for all entities.

upvoted 5 times

jimbo7 2 years, 5 months ago

is it associate , none, none, async?

upvoted 1 times

jimbo7 2 years, 5 months ago

sorry, assoc, contact, none, sync....

upvoted 2 times

Question #19 *Topic 6*

A company uses a third-party shipping company to deliver products to customers.
You need to design a custom connector that retrieves the shipping fees from the shipping company API.
Which three elements should you define for the custom connector? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Authentication model

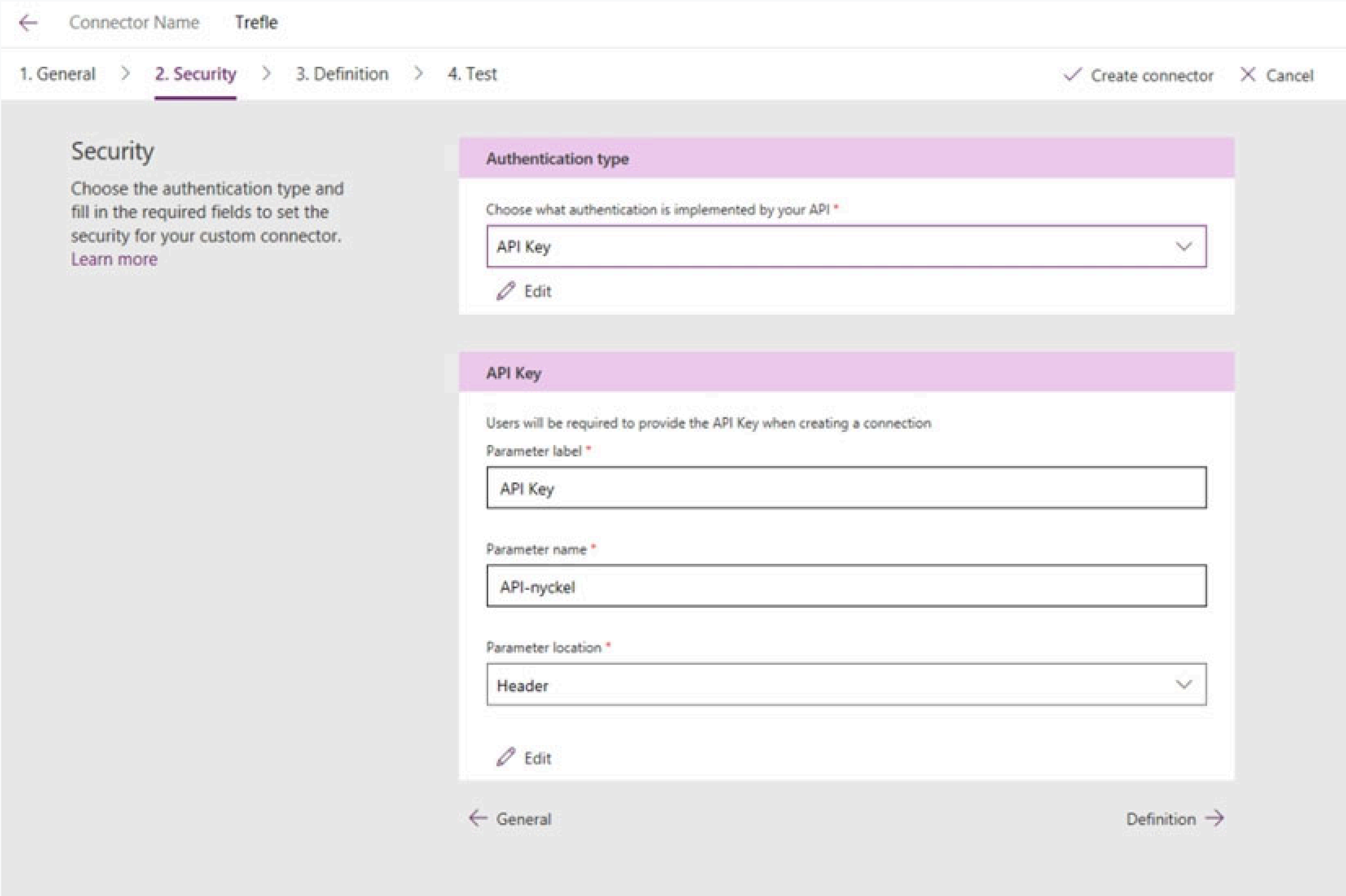
B. Address parameter

C. OpenAPI definition

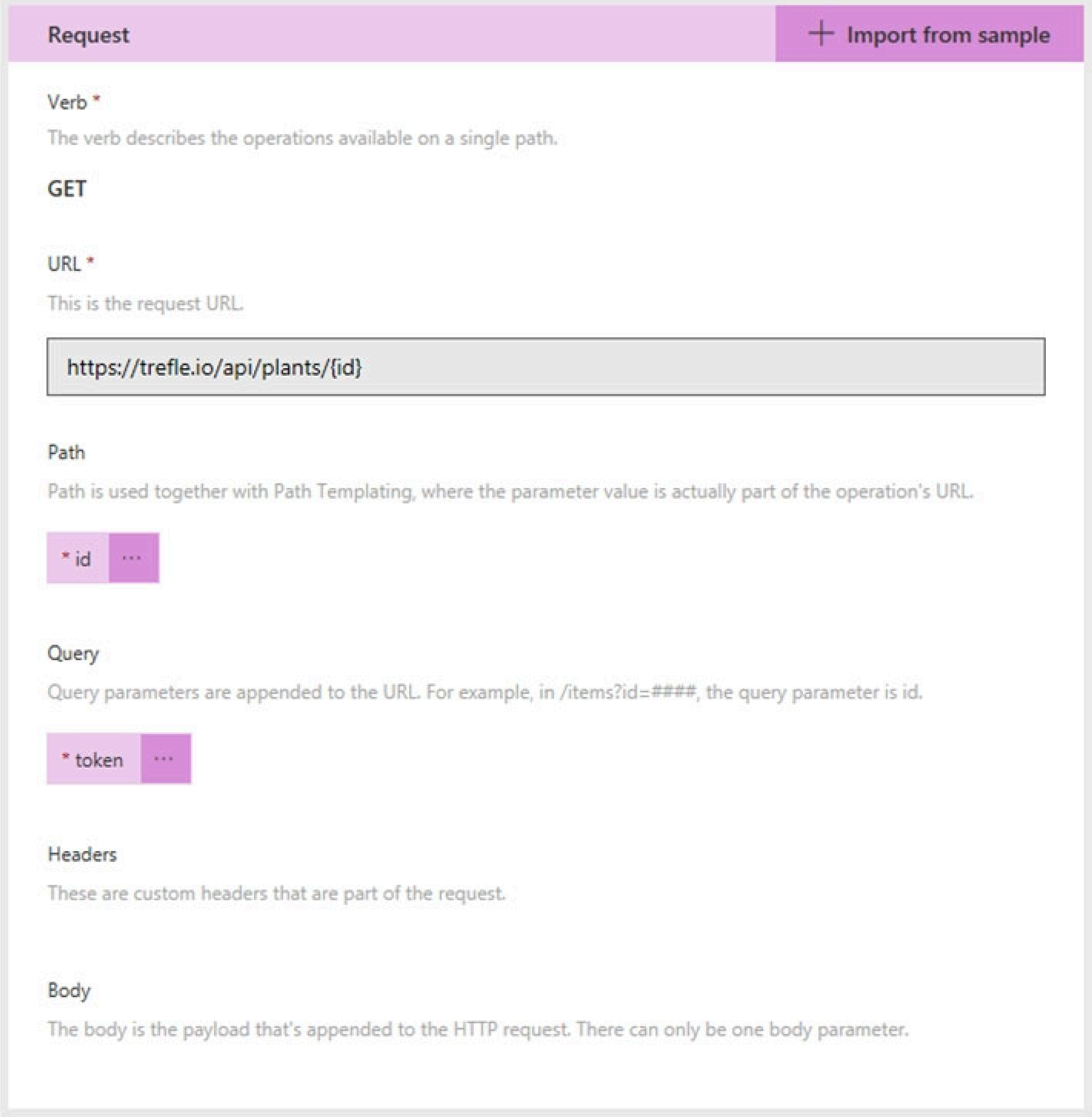
D. Fee parameter

E. Fee reference

Correct Answer: *ABC*
C: You can create a custom connector using a OpenAPI definition file or a URL to OpenAPI definition.
A: On the Security page you get to choose how to authenticate to the API.



B: Address parameter.
If you were to create a Custom Connector from scratch, then you would have to study the API you have chosen and type in the URL manually here.



Reference:
https://carinaclaesson.com/2019/09/06/setting-up-a-custom-connector-from-an-openapi-file-and-utilizing-it-in-powerapps-and-flow/

Community vote distribution

ABC (100%)

Jnicosia Highly Voted 2 years, 1 month ago
Selected Answer: ABC
I agree, Fees are return information only.
upvoted 5 times

At09 Most Recent 4 months, 3 weeks ago
ABC .
upvoted 1 times

BlueP 1 year, 8 months ago
correct,

you need a way to authenticate.
you can pass in the address as a parameter and in the response you get the fee
upvoted 2 times

S41 2 years, 7 months ago
1. What is option B? Is it the parameter as Address? Like for a shipping API to give shipping fee you need to pass in the shipping address?

2. What is fee reference?

A,B,C seems right
upvoted 2 times

DS_CRM 2 years, 8 months ago
Correct. ABC
upvoted 2 times

Question #20 *Topic 6*

You are creating a Power Apps app that retrieves customer information from Azure Active Directory when you use the app to look up a customer record.
You create an Azure Function by using JSON code to retrieve the customer information.
You need to make the application work.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a Power Automate flow to import data.

B. Create a custom connector that uses the Azure Function API.

C. Copy your JSON code to the app.

D. Create a custom connector that uses the JSON code.

E. Create an API definition for the Azure Function.

Correct Answer: *BE*
E: Before exporting an API, you must describe the API using an OpenAPI definition.
B: This OpenAPI definition contains information about what operations are available in an API and how the request and response data for the API should be structured. PowerApps and Microsoft Flow can create custom connectors for any OpenAPI 2.0 definition.
Reference:
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/azure-functions/app-service-export-api-to-powerapps-and-flow.md

Community vote distribution
BE (80%) BD (20%)

Yuro Highly Voted 2 years, 11 months ago
BE correct
upvoted 14 times

luvasgloves Highly Voted 2 years, 5 months ago
utlra correckt
upvoted 5 times

ziggy1117 Most Recent 6 months, 4 weeks ago
Selected Answer: BE
BE Correct
upvoted 3 times

28122016 8 months ago
ultra pro max correct
upvoted 1 times

vrpexamtopics 1 year ago
This is a real time scenario. Power Automate is out of the game. I am thinking of a plugin calling Azure Function in sync mode. So C and E.
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: BD
B. Create a custom connector that uses the Azure Function API.
D. Create a custom connector that uses the JSON code.

To make the Power Apps app work, you will need to create a custom connector that uses the Azure Function API to retrieve customer information from Azure Active Directory. Additionally, you will need to create a custom connector that uses the JSON code to retrieve the customer information. This will allow the Power Apps app to access the customer information from Azure Active Directory through the custom connectors.
upvoted 1 times

DimpleG 1 year, 1 month ago
Guys what do you say about my view, In give question it asked we make sure App should not work, it did not asked about possible options,
To make the Power Apps app work, you will need to create a custom connector that uses the Azure Function API to retrieve customer information from Azure Active Directory. Additionally, you will need to create a custom connector that uses the JSON code to retrieve the customer information. This will allow the Power Apps app to access the customer information from Azure Active Directory through the custom connectors.
upvoted 1 times

justin_s 1 year ago

ur wrong.
create an openAPI definition to describe the API then create a custom connector in dataverse is a common way to external API.
What is JSON code API or something? could you provide a link?
upvoted 1 times

DimpleG 1 year, 1 month ago
There is a typo in my earlier message, "You need to make the application work. Which two actions should you perform?"
upvoted 1 times

fancyturkey 1 year, 1 month ago
Selected Answer: BE
giga correct
upvoted 1 times

28122016 9 months, 3 weeks ago
Terra Correct
upvoted 1 times

BlueP 1 year, 8 months ago
mega correct
upvoted 3 times

rijifa7178 2 years, 8 months ago
super kovvect
upvoted 3 times

Flatternschuchtern 1 year, 5 months ago
uwu cowwect :3
upvoted 2 times

ZVV 2 years, 10 months ago
Why do we need custom connector to use Azure function?
upvoted 1 times

Leila24 2 years, 8 months ago
For Power Automate
upvoted 1 times

Question #21 *Topic 6*

HOTSPOT -

A manufacturing company takes online orders.

The company requires automatic validation of order changes. Requirements are as follows:

- If validation is successful, the order changes must be submitted.
- If exceptions are encountered, a message must be shown to the customer and the order changes must not be submitted.

You need to set up and deploy a plug-in that encapsulates the rules.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Box 1: PreValidation -

PreValidation: For the initial operation, this stage will occur before the main system operation.

This provides an opportunity to include logic to cancel the operation before the database transaction.

Box 2: Synchronous -

Ideally, you should only cancel operations using synchronous plug-ins registered in the PreValidation stage.

Box 3: Pre Image -

Box 4: throw ..

When you throw an InvalidPluginExecutionException exception within a synchronous plug-in an error dialog with your message will be displayed to the user.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/event-framework https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/handle-exceptions

Leila24 Highly Voted 2 years, 8 months ago
PreValidation stage is nor recommended for use due to security concerns. Pre Operation shall be the answer
upvoted 14 times

At09 4 months, 3 weeks ago
I dont understand why people making simple things difficult. Pre Validation it is. No more arguments
upvoted 2 times

LorneMalvo 1 year, 7 months ago
No it shall not. As written in microsoft documentation: PreValidation - This provides an opportunity to include logic to cancel the operation before the database transaction.
PreOperation - Avoid cancelling an operation here. Canceling will trigger a rollback of the transaction and have significant performance impact.
See: https://docs.microsoft.com/en-us/power-apps/developer/data-platform/event-framework
upvoted 3 times

NyarukouSAMA 5 months ago
Looks like Microsoft's recommendations have been changed, because previously Microsoft had recommended not to use PreValidation at all, except in some cases where you need to implement custom validation logic for the message.
upvoted 1 times

Shradz93 1 year, 5 months ago
Agreed!
Pre validation means you plugin will run before the form is validated Pre -operation is after validation and before the values are saved to the database
upvoted 1 times

loecun Highly Voted 2 years, 4 months ago
first one is correct. It's PreValidation.
as per https://docs.microsoft.com/en-us/powerapps/developer/data-platform/event-framework#event-execution-pipeline, PreValidation provides an opportunity to include logic to cancel the operation, whereas for PreOperation, avoid cancelling an operation here because of performance impact.
upvoted 10 times

rogrod Most Recent 1 year, 5 months ago
Sorry, but I disagree... maybe i'm wrong but...
Prevalidation would be the best option to cover "If validation is sucessful...", but not for "If exceptions are encountered..". Nothing is done at this momment at the database, so we can not be sure all the update operation (entire operation) will be done..
To be sure that the update operation (and all another process, plugins, etc, etc that can be triggered on a order update) the stage would be "PostOperation": At this momment all the operations has been done and we can be sure that all the process is fine. If a exception is encountered, we can throw an exception and rollback.
So in my opinion:
PostOperation (we cover all possible exceptions in the operation)
Synchronous (need show an error to user)
PreImage (we already have the post values in "target" because we are in Post stage)
Throw new Invalid.....
upvoted 2 times

northstar88 1 year, 5 months ago
The requirement is:
"The company requires automatic validation of order changes.".
The scope is limited to validating an order change, not the order process itself. I think prevalidation is sufficient.
upvoted 1 times

Kalimho 1 year, 7 months ago
in exam 2022.07.21
upvoted 1 times

BlueP 1 year, 8 months ago
answers are correct

for pre-validation vs pre-operation I'm not 100% as both could work and depending on the type of validation you might have to use pre-operation. But given how simple the question is I will go with pre-validation
upvoted 1 times

Aferdita 1 year, 11 months ago
https://www.examtopics.com/discussions/microsoft/view/25333-exam-mb-400-topic-5-question-6-discussion/
upvoted 2 times

CinthiaN 2 years ago
IMO Is correct
upvoted 1 times

Hendrikdb 2 years, 4 months ago
Is correct answer, use prevalidation always for validating data before going to the preoperation. Preoperation is used for data manipulation before save and postoperation when you need to upsert related data
upvoted 2 times

Big_PP 2 years, 7 months ago

Should be post image no? So you can compare with the data you have at your disposal at execution.

upvoted 1 times

S41 2 years, 7 months ago

You need a snapshot of the entity before the operation to compare with the changes in the context of the plugin during the operation. Pre Image is correct.

upvoted 2 times

Question #22 *Topic 6*

DRAG DROP -

You are designing new functionality for an existing model-driven app.

A field must display multiple selections to the user, enabling the user to select a value.

You need to determine which column type can support the required scenarios.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Column types

- Global choice
- Lookup
- Global choice and Lookup

Answer Area

Scenario	Column Type
Remove a selection from being available without modifying existing records.	Column types
Must be completely deployed by using a solution.	Column types
Same set of selections can be used on multiple tables.	Column types

Correct Answer:

Column types

- Global choice
- Lookup
- Global choice and Lookup

Answer Area

Scenario	Column Type
Remove a selection from being available without modifying existing records.	Lookup
Must be completely deployed by using a solution.	Global choice and Lookup
Same set of selections can be used on multiple tables.	Global choice

Box 1: Lookup -

The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches one or more criteria.

Besides the normal formula operators, you can use the in and exactin operators for substring matches.

[!INCLUDE [record-scope]../../includes/record-scope.md)]

Example:

Filter(IceCream, OnOrder > 0) - Returns records where OnOrder is greater than zero.

Box 2: Global choice and Lookup -

Box 3: Global choice -

A choice column provides a list of values for users to pick from. They help streamline data entry in turn ensuring clean data. There are two types - local and global.

Local choices can are local to the table and column that they are created for. They cannot be reused on other tables. For example, a list of statuses for an application may not apply anywhere else (e.g. Submitted, In Review, Approved, Rejected). On the other hand, global choices are available across all tables and columns allowing them to be reused.

Reference:

https://docs.microsoft.com/en-us/power-platform/power-fx/reference/function-filter-lookup https://thepoweraddict.com/how-to-work-with-choice-columns-in-dataverse/

Flatternschuchtern Highly Voted 1 year, 5 months ago

1) Lookup
2) Global choice. Lookup wouldn't be deployed with a solution because you also need to transfer data.
3) Both, you can reuse Global choice; and lookup same records multiple times.

upvoted 25 times

oleav 10 months, 3 weeks ago

I agree with you: Lookup, Global Choice, Both

upvoted 3 times

At09 Most Recent 4 months, 3 weeks ago

Global Choice - "Existing Reocords" means Lookup values too

Global Choice - You can't move the Lookup Values by simply using a Solution

Global Choice and Lookup - both would work

upvoted 3 times

Juan86 5 months ago

The thirs should be GlobalChoice. Due to Lookup means one specific field/column

upvoted 1 times

SuperRaj 8 months, 2 weeks ago

1. Global choice
2. Global choice and lookup column
3. Global choice

upvoted 2 times

KillaHai 1 year ago

1. Global choice
2. Global choice and lookup column
3. Global choice

upvoted 3 times

Question #23 *Topic 6*

You create a plug-in to validate data.
Users report that validation is not working as expected.
You need to debug the plug-in.
Which tool should you use?

A. Plug-in profiler

B. Power Platform Tools for Visual Studio

C. Plug-in dashboard

D. Plug-in Registration Tool

Correct Answer: *A*
Because the plug-in executes on a remote server, you cannot attach a debugger to the plug-in process. The plug-in profiler captures a profile of an executing plug- in and allows you to re-play the execution of the plug-in using Visual Studio on your local computer.

Install plug-in profiler -
There are two tools available from which to run the Plug-in Profiler: the Plug-in Registration Tool and Power Platform Tools for Visual Studio.

Start profiling -
Follow these steps to begin profiling a plug-in's execution.
1. In the Plug-in Registration tool, select the (Step) BasicPlugin.FollowupPlugin: Create of account step you registered earlier, and click Start Profiling.
2. When presented with the Profiler Settings dialog, accept the default settings and click OK to close the dialog.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/tutorial-debug-plug-in

Community vote distribution
A (67%) B (33%)

AndreiAndreiG 8 months ago
Selected Answer: A
A
.Plug-in profiler is the tool that should be used to debug a plug-in in Dynamics 365. It helps in analyzing the time consumed by each operation in the code, so that the performance can be improved. It also provides data on the inputs and outputs of the code.
upvoted 1 times

Gaslight 8 months, 1 week ago
Chat GPT 4
To debug the plug-in and investigate the reported validation issues, you should use the Plug-in Profiler. The Plug-in Profiler is a tool within the Power Platform that allows you to trace the execution of your plug-in code, log messages, and analyze the input/output data. It helps you identify any errors or unexpected behavior in your plug-in and provides insights for debugging and troubleshooting.
upvoted 1 times

Frank208 9 months, 4 weeks ago
From ChatGPT:
Option B, "Power Platform Tools for Visual Studio," is a useful tool for developing plug-ins and other customizations for Dynamics 365 and Power Apps, but it is not the best tool for debugging plug-ins.

Power Platform Tools for Visual Studio provides features such as code editing, debugging, and project management capabilities for Dynamics 365 and Power Apps development. However, when it comes to debugging plug-ins, the Plug-in Profiler is a better choice.

While you can use Visual Studio to debug a plug-in, it requires additional steps such as attaching to the Dynamics 365 process and setting breakpoints in the code. The Plug-in Profiler, on the other hand, is specifically designed to capture information about a plug-in's execution and can provide detailed information about the plug-in's behavior, including any errors or exceptions that occur.

Therefore, while Power Platform Tools for Visual Studio is a valuable tool for Dynamics 365 and Power Apps development, it is not the best tool for debugging plug-ins.
upvoted 1 times

KillaHai 1 year ago
Selected Answer: A

Plug-in profiler is the tool that should be used to debug a plug-in in Dynamics 365. It helps in analyzing the time consumed by each operation in the code, so that the performance can be improved. It also provides data on the inputs and outputs of the code.

upvoted 1 times

DimpleG 1 year, 1 month ago

Selected Answer: B

Plug-in Profiler is not the best tool to use when debugging a plug-in that is not working as expected. The Plug-in Profiler is designed to troubleshoot performance issues with a plug-in by analyzing the execution of the plug-in on a remote server. It captures a profile of an executing plug-in and allows you to re-play the execution of the plug-in using Visual Studio on your local computer. However, it does not allow you to attach a debugger to the plug-in process and step through the code in real-time, which is typically necessary when debugging a plug-in.

The Power Platform Tools for Visual Studio, on the other hand, is a tool that allows you to develop, debug, and deploy customizations for Dynamics 365 and Power Platform. It allows you to attach a debugger to the plug-in process, which allows you to step through the code and see what is happening at each stage of the validation process. This makes it more suitable for debugging the plug-in when the validation is not working as expected.

upvoted 1 times

BolDeFruits 11 months, 1 week ago

You are wrong sir. the Power Platform Tools uses plugin profiler to let you debug plugins

upvoted 2 times

DimpleG 1 year, 1 month ago

Reference: https://learn.microsoft.com/en-us/power-apps/developer/data-platform/tools/devtools-install

upvoted 1 times

SashM 1 year, 1 month ago

correct.

upvoted 1 times

Flatternschuchtern 1 year, 5 months ago

Somebody tell Microsoft you can write unit tests

upvoted 3 times

Question #24 *Topic 6*

DRAG DROP -

You are creating a Web API.

The API must be able to perform the following actions:

➾ Create a column in a Microsoft Dataverse table.

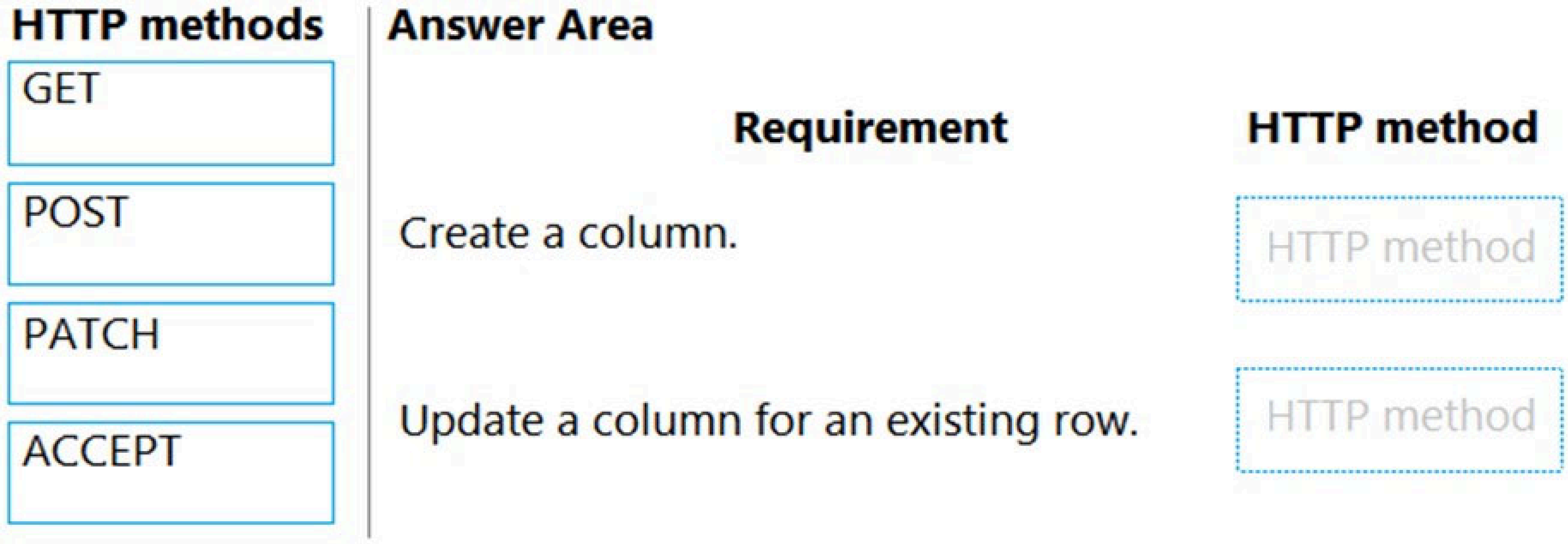
Update a column for an existing row.

▪

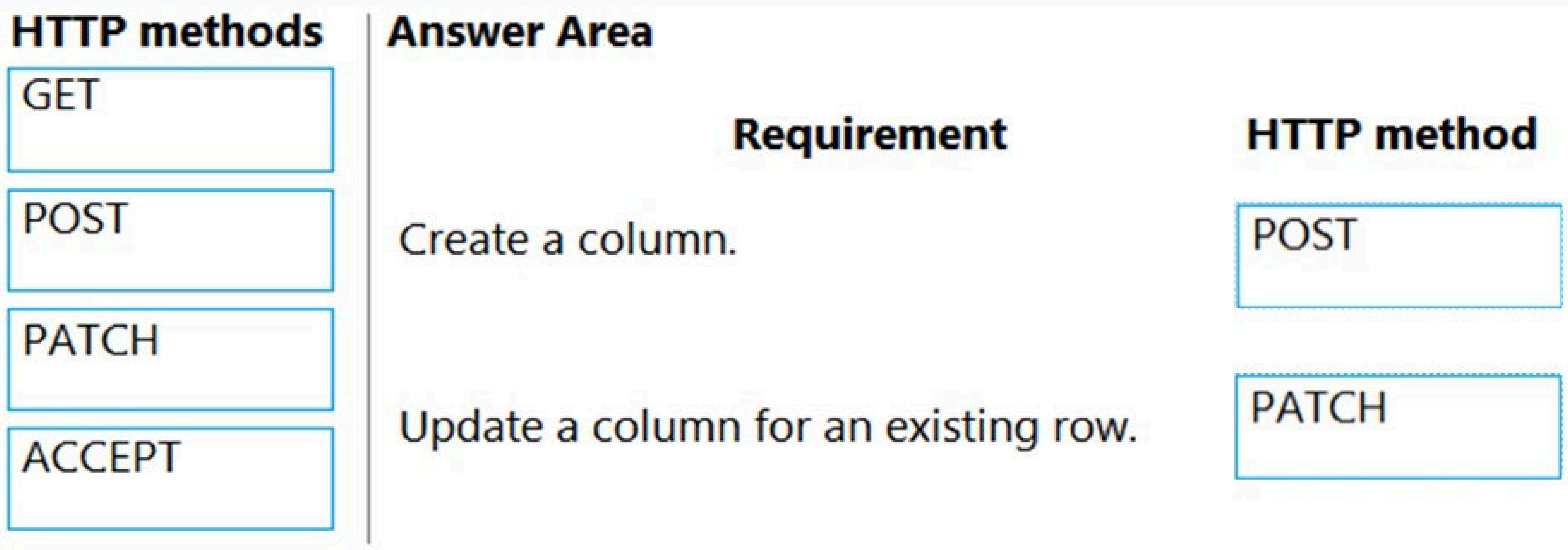
Which HTTP methods should you use? To answer, drag the appropriate HTTP methods to the correct requirements. Each HTTP method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: POST -

Create table definitions -

To create a table definition, POST the JSON representation of the entity definition data to the EntityDefinitions entity set path. The entity must include the definition for the primary name attribute. You don't need to set values for all the properties. The items on this list except for Description are required, although setting a description is a recommended best practice.

Box 2: PATCH -

Basic update -

Update operations use the HTTP PATCH verb. Pass a JSON object containing the properties you want to update to the URI that represents the record.

Reference:

https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/create-update-entity-definitions-using-web-api

https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/update-delete-entities-using-web-api

Violoncello Highly Voted 1 year, 5 months ago

True, but this is general web page development question. POST is used to create a new entry in the database. PATCH is used for update, and GET is used for reading (selecting) from a database.

upvoted 5 times

MarioM 1 year, 5 months ago

Patch can be used for create column too. Upsert in other words.

upvoted 1 times

ziggy1117 Most Recent 6 months, 4 weeks ago

answer is correct

upvoted 2 times

Question #25 *Topic 6*

HOTSPOT

-

You have a plug-in that performs business logic on contact records. The plug-in is registered in the post-operation stage and is executed when a field named custom_field3 is updated.

The plug-in contains the following code:

```
var cols = new ColumnSet("lastname", "custom_Field1");
var contact = service.Retrieve("contact", ctx.PrimaryEntityId, cols);
var updatedValue = contact.GetAttributeValue<string>("lastname");
updatedValue += contact.GetAttributeValue<string>("custom_field1");
contact["custom_field2"] = updatedValue;
service.Update(contact);
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can improve code performance by using the following code instead of retrieving individual fields: `new ColumnSet(true)`	○	○
You can avoid retrieving the changed entity by using plug-in images.	○	○
You can avoid updating the changed entity by registering the plug-in in the pre-operation stage.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
You can improve code performance by using the following code instead of retrieving individual fields: `new ColumnSet(true)`	○	○
You can avoid retrieving the changed entity by using plug-in images.	○	○
You can avoid updating the changed entity by registering the plug-in in the pre-operation stage.	○	○

Aryabhatta Highly Voted 1 year ago

Correct.

upvoted 5 times

Aryabhatta 1 year ago

If you are updating the same entity, then use pre-operation.

upvoted 1 times

Question #26 *Topic 6*

DRAG DROP

-

You are creating various Power Apps apps for a company. Power Automate flows must connect securely to the following external systems:

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

You need to create custom connectors to access the external systems.

Which type of security should you use for the connectors?

To answer, drag the appropriate security types to the correct external systems. Each security type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Security types

- OAuth 2.0
- Basic authentication
- API key
- No authentication

Answer Area

External system	Security type
Accounts receivable	
Bing maps	

Correct Answer:

Answer Area

External system	Security type
Accounts receivable	OAuth 2.0
Bing maps	API key

At09 4 months, 3 weeks ago
correct
upvoted 1 times

Alaska99 11 months, 1 week ago
answer correct
upvoted 3 times

Siphiwee 1 year ago
are these answers correct?
upvoted 2 times

Question #27 *Topic 6*

HOTSPOT

-

You are developing a Power Platform solution that uses a plug-in. The plug-in includes the following code (line numbers are included for reference):

```
public class updateACCOLmt:IPlugin
{
  public void Execute(IServiceprovider serViceprovider) {
    var context = (IPluginExecutionContext)serviceProvider.GetService(typeof(IPluginExecutionContext)):
    if (context.Stage !=20)
      return;
    var account = (Entity)context.InputParameters["Target"];
    if (!account.TryGetAttributeValue("name", out string _))
      throw new InvalidPluginExcecustionException("Account name is missing");
    account["accountnumber"] = GenerateAccountNumber();
  }
  public string GenerateAccountNumber() {
    . . .
  return accountNumber;
  }
}
```

The plug-in includes a step that is registered in the execution pipeline within the PreOperation stage for the Create message.

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

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The GenerateAccountNumber method runs if the plug-in step registration is changed to the PostOperation stage.	○	○
Creating an account in a model-driven app while excluding a name generates the error message "Account name is missing".	○	○
The Organization service's Update method must run to update the database after setting the accountnumber value.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
The GenerateAccountNumber method runs if the plug-in step registration is changed to the PostOperation stage.	○	X
Creating an account in a model-driven app while excluding a name generates the error message "Account name is missing".	X	○
The Organization service's Update method must run to update the database after setting the accountnumber value.	○	X

Aryabhatta 1 year ago

Correct.

upvoted 3 times

Question #28 *Topic 6*

You are creating a plug-in for an app that helps government employees get a proof of vaccination card.

You must add the following information to a vaccination record before a proof of vaccination card is created:

• Vaccination type
• Date of vaccination
• Name of person administering the vaccine

You need to register the plug-in.

In which stage should you register the plug-in?

A. PreValidation

B. PostOperation

C. MainOperation

D. PreOperation

Correct Answer: *D*

Community vote distribution

D (60%) A (40%)

Aryabhatta Highly Voted 1 year ago
Correct.
upvoted 10 times

TOM1000 Highly Voted 9 months ago
Wrong, its Pre-Validation
upvoted 6 times

At09 4 months, 3 weeks ago
shutup lol
upvoted 2 times

Matte_ Most Recent 4 months, 3 weeks ago
Selected Answer: D
The record can be semi complete and not all fields can be in the target. PreOperation is correct.
upvoted 1 times

winnie_jingxue 5 months ago
Selected Answer: D
Updating of values should be at Pre-Operation instead of Pre-Validation.
upvoted 1 times

b12f0be 5 months ago
Selected Answer: A
PreValidation
upvoted 1 times

Juan86 5 months ago
Selected Answer: A
Honestly I think should be A since the plug in is one of the first thibngyou have to incorporate/configure
upvoted 1 times

JerryAnt 5 months, 2 weeks ago
shouldbe Pre-Validation
upvoted 1 times

HasanAamir11 5 months, 2 weeks ago
Selected Answer: D
Pre-Validation

upvoted 1 times

Question #29 *Topic 6*

HOTSPOT

-

You are developing a new model-driven app.

You must create a custom connector to connect the app to the Microsoft Graph API.

You need to configure the environment before creating the custom connector.

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

NOTE: Each correct selection is worth one point.

Answer Area

Scenario	Action
Enable connector to authenticate with Microsoft Azure Active Directory.	Register Application and specify permissions Open Postman and create collections Export collection Export solution
Enable Postman calls to be available for the custom connector.	Register Application and specify permissions Open Postman and create collections Export collection Export solution

Correct Answer:

Answer Area

Scenario	Action
Enable connector to authenticate with Microsoft Azure Active Directory.	Register Application and specify permissions Open Postman and create collections Export collection Export solution
Enable Postman calls to be available for the custom connector.	Register Application and specify permissions Open Postman and create collections Export collection Export solution

MikeAWS 5 months, 1 week ago

correct!
https://powerusers.microsoft.com/t5/Power-Automate-Community-Blog/Build-a-custom-connector-for-Microsoft-Graph-API/ba-p/647492

upvoted 2 times

TOM1000 9 months ago

Correct

upvoted 2 times

Question #30 *Topic 6*

Case Study -

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To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Proseware, Inc. is an industry leading software company with several thousand employees. The company has had some trouble recruiting talented employees. Top-level candidates interview with the company but go on to work for competitors.

Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment -

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

The recruiting team manages all information by using a model-driven application.

The company has the following Microsoft Dataverse tables and columns:

• JobPosting
- Hiring Manager - lookup to SystemUser
- Recruiter Assigned - lookup to SystemUser
• Contact (Job Applicant)
- Contact identifier
- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid

• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications -
There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews -
Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:
- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant
• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
• A person of interest is defined as having a score of 15 or more based on the following historical information criteria:
- Each interview with a recommendation adds two to the score.
- Each interview without a recommendation subtracts two from the score.
- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.
• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines -

The following design guidelines must be followed:

• Schema changes must be made using the method requiring the least amount of storage to meet the requirement.
• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues -

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to determine the cause for the issue reported by the interviewers.

What is the root cause of the issue?

A. There was an error in the event pipeline and the entire transaction was rolled back.

B. There is no plug-in registered to run when an interview record is created.

C. The plug-in used to synchronize the Person of Interest field from Contact to Interview was not triggered.

Correct Answer: *B*

Community vote distribution

B (100%)

Net_IT 4 months, 3 weeks ago

So, B or C?

upvoted 1 times

At09 4 months, 3 weeks ago

C .

upvoted 1 times

dj74 5 months ago

Selected Answer: B

Interviewers must get an email notification when the Person of Interest field on the "interview record" is successfully updated.
Nothing mentioned over a contact record.

upvoted 2 times

Question #31 *Topic 6*

HOTSPOT

-

Case Study

-

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To start the case study

-

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Background

-

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Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment

-

The recruiting process starts when an individual applies for a position on the company website. The individual may have found the position on their own, they may have been officially referred by an employee, or in some cases were contacted directly by a hiring manager and encouraged to apply.

Recruiters schedule an interview with a hiring manager and interviews with two senior team members. Each interview results in feedback about the candidate and a recommendation whether to hire or not.

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The company has the following Microsoft Dataverse tables and columns:

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• Contact (Job Applicant)
- Contact identifier

- First name
- Last name
- Time-Zone Offset
- Person of Interest - Yes/No (default)
• Application proapplication
- Contact identifier, Contact - lookup to Contact
- Job Posting - lookup to JobPosting
- pro_recruiterassignedid
• Interview
- Application - lookup to Application
- Job Posting - lookup to JobPosting
- Recommend - Choice (Yes (0), No (1), and null (default) are the available values)
- Person of Interest - Yes/No, No is the default value
• Referral
- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting
• SystemUser
- Manager - lookup to SystemUser
- Time-Zone Offset
• Recruiter
- Recruiter identifier
- Recruiter name

Applications

-

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

Interviews

-

Each interview is performed by an employee and is related to a single application.

The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

Requirements. Interview Scheduling

The system must provide recruiters with a list of team members and their time-zone information. You must create a Microsoft Power Apps Component Framework (PCF) control for the Job Application form to display a list of senior team members who report directly to a hiring manager.

• The control must display the current time in each team member's local time.
• The control must be bound so that it minimizes the amount of code that must be written.
• You must display the list of team members and sort the list to show team members who reside in time zones closest to the applicant's time zone first.

You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate's local time.

Requirements. Historical Information Tracking

You must create a process to identify individuals as a person of interest that the company should consider hiring. You must assign each individual a score based on their past interactions.

• You must be able to determine the following information about a candidate:

- The number of interviews in the past two years and whether team members provided recommendations
- The number of hiring manager referrals and employee referrals in the past two years
- Whether the individual has any of the 12 designations or certifications that the company considers significant

• Only a single referral can be made per job application. The system must be able to support multiple referrals for a candidate.
• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

• This new command button must only be visible to employees who belong to a security role assigned named Recruiter. The command button must not be visible to anyone unless the contact form is in Update mode.
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- Each employee or manager referral adds one to the score.
- Each designation or certification adds one to the score.

• All scoring elements must be recalculated when changes occur. You must assign the score to the Person of interest field.
• Values representing totals or scores must be stored in their own numeric fields.
• Plug-ins must be used to keep the Person of Interest field on active interview records associated with the Contact.
• Plug-ins registered on the update of the Person of interest field must send an email notification when the candidate named in the email is a person of interest. Recruiters must receive the message when the field is updated on the Contact record.
• Interviewers must get an email notification when the Person of Interest field on the interview record is successfully updated.

Requirements. Design Guidelines

The following design guidelines must be followed:

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• Out-of-the-box functionality must be used when possible.
• Any code required to calculate scores must be able to be run from a single point.
• Email notifications need to be kept to a minimum.

Issues

-

• Recruiters report that the command button to score a candidate is not working. You debug the code and observe that the context input parameter is null.
• The system does not support associating designations and certifications with candidates.
• The value for the field used by the PCF control to display local time is saved to Microsoft Dataverse each time an active application record is opened.
• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You develop the following code for the plug-in that sends email notifications to recruiters.

```
var target = (Entity)context.InputParameters["Target"];
var contact = service.Retrieve(target.LogicalName, target.Id, new ColumnSet("fullname"));
var fetchXml = @"<fetch>
                 <entity name='pro_application'>
                   <attribute name='pro_recruiterassignedid' />
                   <filter type='and'>
                     <condition attribute='statecode' operator='eq' value='0' />
                     <condition attribute='pro_contactid' operator='eq' value='" + target.Id + @"' />
                   </filter>
                 </entity>
               </fetch>";
var fetchRecruiters = new FetchExpression(fetchXml);
var recruiters = service.RetrieveMultiple(fetchRecruiters);
foreach (var recruiter in recruiters.Entities)
{
  SendEmail(recruiter.Id, contact.GetAttributeValue<string>("fullname"));
}
```

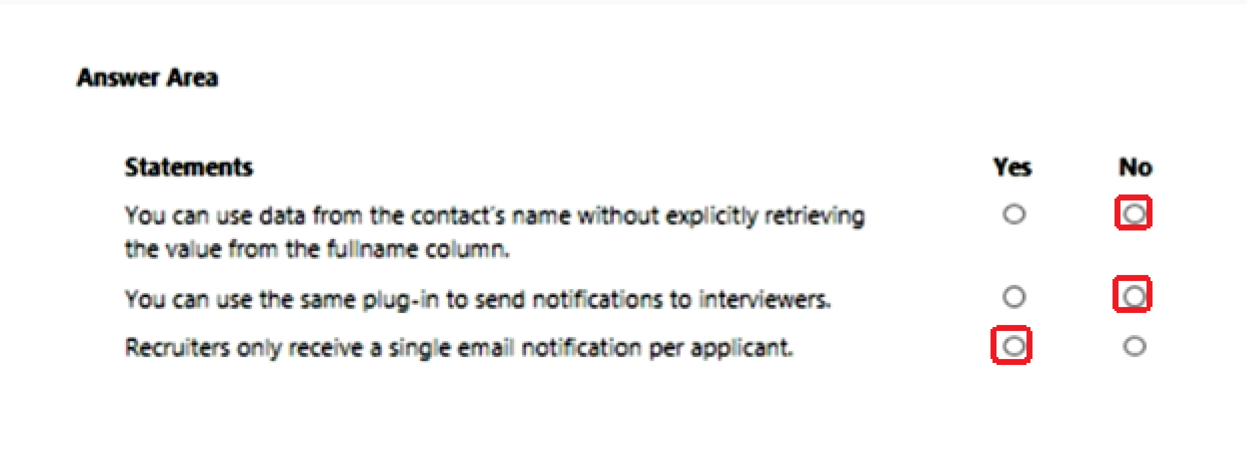
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can use data from the contact's name without explicitly retrieving the value from the fullname column.	○	○
You can use the same plug-in to send notifications to interviewers.	○	○
Recruiters only receive a single email notification per applicant.	○	○

Correct Answer:



omarrana 2 months, 1 week ago

First one might be yes as we can always use entity.name

upvoted 1 times

Question #32 *Topic 6*

DRAG DROP

-

Case Study

-

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To start the case study

-

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Background

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Feedback from candidates show that some offers were not accepted because the interview scheduling process was unpleasant. The company does not have a system to keep track of the candidates that were not selected.

Current Environment

-

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- Person of Interest - Yes/No (default)

• Application proapplication

- Contact identifier, Contact - lookup to Contact
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• Interview

- Application - lookup to Application
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• Referral

- Contact - lookup to Contact
- Referrer - lookup to SystemUser
- Job Posting - lookup to JobPosting

• SystemUser

- Manager - lookup to SystemUser
- Time-Zone Offset

• Recruiter

- Recruiter identifier
- Recruiter name

Applications

-

There may be multiple applications associated with each job posting. Applications are linked to an employee record if an employee referred the applicant for a position. The same individual can be an applicant for multiple job postings.

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-

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The interview scheduling process may force potential candidates to accept interviews at unusual times with the senior team members due to time-zone differences.

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You must develop a second PCF control that displays the time-zone name and current time on the Job Application form. You must display the data in the candidate’s local time.

Requirements. Historical Information Tracking

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- The number of interviews in the past two years and whether team members provided recommendations
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• The system must track referrals even if an application is not completed.

Requirements. Historical Information Scoring

The automated process must run weekly to assess all candidates. The process must also run automatically when historical information is updated. You must be able to perform scoring by selecting a command button on the contact form.

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Requirements. Design Guidelines

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Issues
-

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• Interviewers report that they do not receive email notifications when interview records are created for an existing person of interest.

You need to implement scoring.

Which methods should you use? To answer, drag the appropriate methods to the correct actions. 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.

Methods

- JavaScript code
- Power Automate flow
- Custom process action and plug-in

Answer Area

Action	Method
Initiate process for all individuals.	
Calculate for a specific individual.	

Correct Answer:

Answer Area

Action	Method
Initiate process for all individuals.	Custom process action and plug-in
Calculate for a specific individual.	JavaScript code

dj74 Highly Voted 5 months ago

1: I would say power automate
The automated process must run weekly to assess all candidates.
2: custom action + plugin
the want to trigger from a command button

upvoted 9 times

JurSp 4 months, 1 week ago

I agree, too

upvoted 1 times

Net_IT 4 months, 3 weeks ago

I agree

upvoted 1 times

Question #33 *Topic 6*

HOTSPOT

-

Case study

-

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Background

-

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment

-

Environment

-

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data

-

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.

• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API

-

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.
• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements

-

Custom connector

-

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process

-

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues

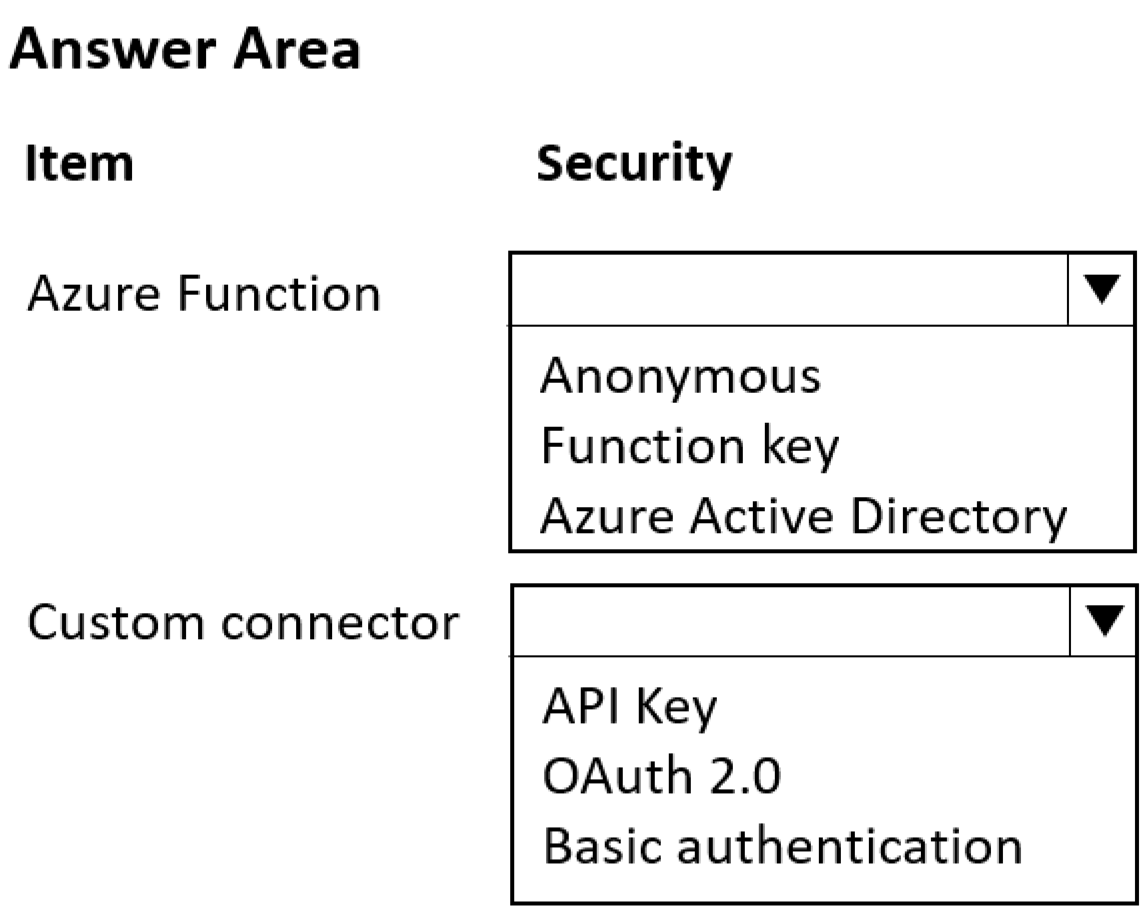
-

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

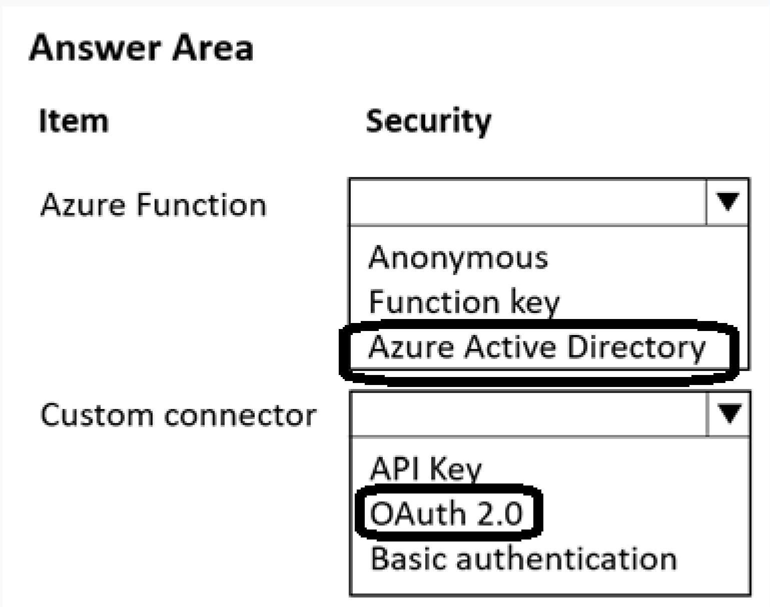
You need to configure security for the Azure Function and custom connector.

Which security tool should you configure for each item? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:



At09 4 months, 3 weeks ago

1. function Key

upvoted 4 times

Question #34 *Topic 6*

HOTSPOT

-

Case study

-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background

-

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-

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Requirements

-

Custom connector

-

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
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Process

-

• All account records must be updated with data from the Web API once automatically.
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• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

Issues

-

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to configure the Web API and create the custom connector.

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

NOTE: Each correct selection is worth one point.

Answer Area

Step	Action
Configure the Web API.	Import a WSDL file. Add an OpenAPI definition. Import a PostMan collection.
Create the custom connector.	Import a solution. Import an OpenAPI file. Import a PostMan collection.

Correct Answer:

Answer Area

Step	Action
Configure the Web API.	Import a WSDL file. Add an OpenAPI definition. Import a PostMan collection.
Create the custom connector.	Import a solution. Import an OpenAPI file. Import a PostMan collection.

At09 4 months, 3 weeks ago

2. OpenAPI

upvoted 2 times

JurSp 4 months, 1 week ago

I think so, too

upvoted 1 times

Question #35 *Topic 6*

DRAG DROP

-

You are developing a Power Apps app for a company. The app will interact with the company's enterprise resource planning (ERP) system. The app allows users to create quotes for customers. You are creating a plug-in for the app.

The solution must meet the following requirements:

• Display an error message if there is no account associated with a quote and prevent changes to the quote.
• Synchronize quotes with the external ERP system.

You need configure the plug-in execution pipeline.

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

NOTE: Each correct selection is worth one point.

Pipeline stages

- MainOperation
- PostOperation
- PreOperation
- PreValidation

Answer Area

Requirement	Pipeline stage
Display an error message if there is no account associated with a quote and prevent changes to the quote.	
Synchronize quotes with the external ERP system.	

Correct Answer:

Answer Area

Requirement	Pipeline stage
Display an error message if there is no account associated with a quote and prevent changes to the quote.	PreValidation
Synchronize quotes with the external ERP system.	MainOperation

Question #36 *Topic 6*

Case study -

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Web API -

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Requirements -

Custom connector -

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Issues -

• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to determine the cause of the 404 error when connecting to the production instance of the Web API.

What do you identify?

A. The web service lacks data for the record.

B. An authentication error occurred.

C. The request timed-out.

D. The host name in the URL is missing a valid value.

Correct Answer: *A*

Question #37 *Topic 6*

You manage a Microsoft Power Automate cloud flow. The cloud flow queries Microsoft Dataverse data by using the List rows action.

You need to configure the cloud flow to process 10,000 records in a single run.

What should you do? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Set the row count parameter to 10,000.

B. Return the first 5,000 records and use the @odata.nextLink in the response to return the remaining records.

C. Create the query by using FetchXML and set the top parameter to 10,000.

D. Turn on pagination and set the threshold to 10,000.

Correct Answer: *BD*

Question #38 *Topic 6*

A company requires a plug-in that makes multiple requests to an external web service. The plug-in must not time out when the web service has issues or is slow to respond.

You need to create the plug-in.

What should you do?

A. Assign the IOrganizationService object to a member variable.

B. Register the plug-in to run synchronously.

C. Register the plug-in step once for each web service request.

D. Set the HTTP connection KeepAlive property to false.

Correct Answer: *D*

Question #39 *Topic 6*

HOTSPOT

-

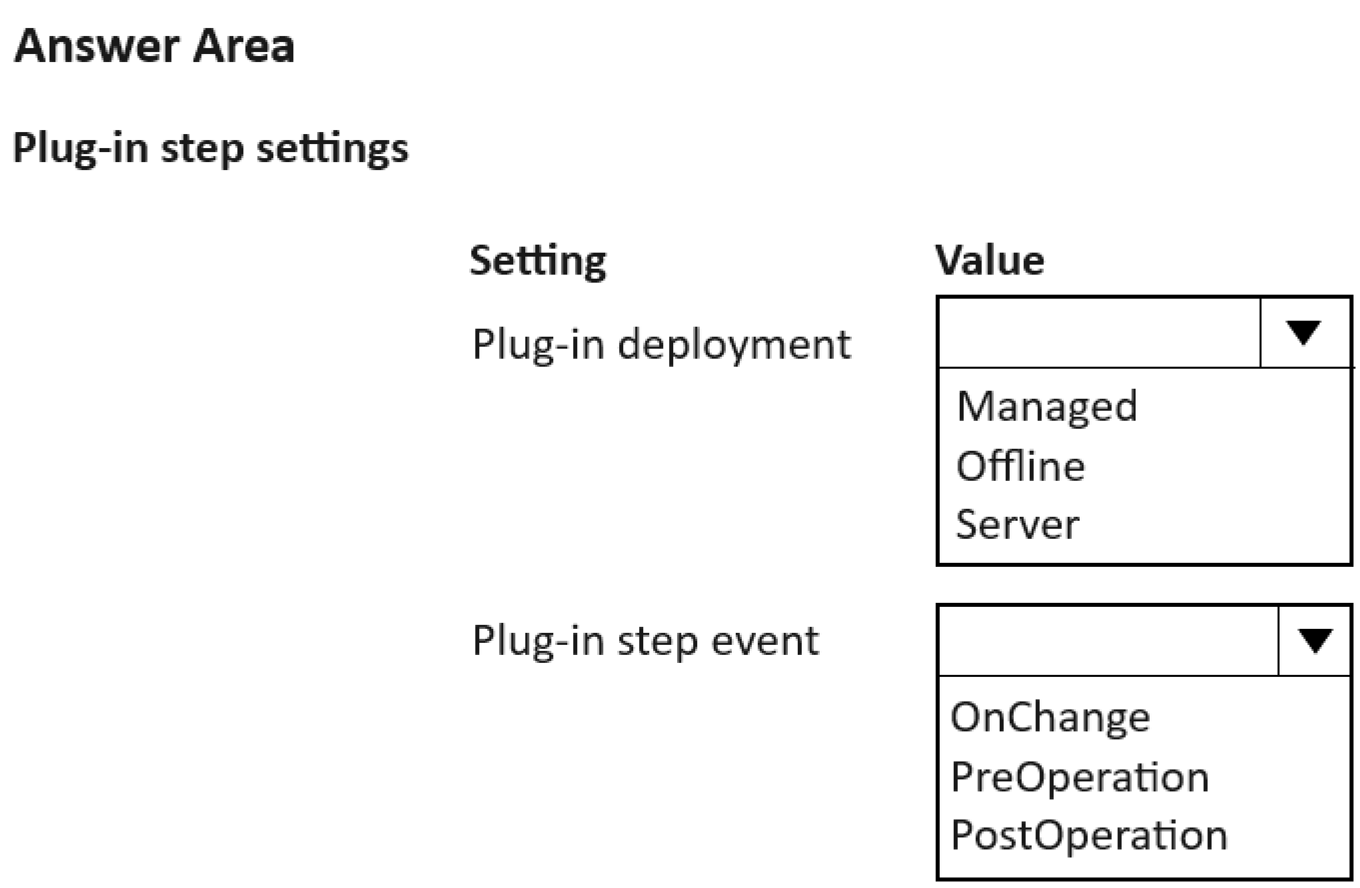
Field technicians use a canvas app to update Microsoft Dataverse data. The app is designed to work when it is not connected to the internet.

The app requires a plug-in to apply business logic after records are updated. Unhandled exceptions must not prevent records from saving or syncing.

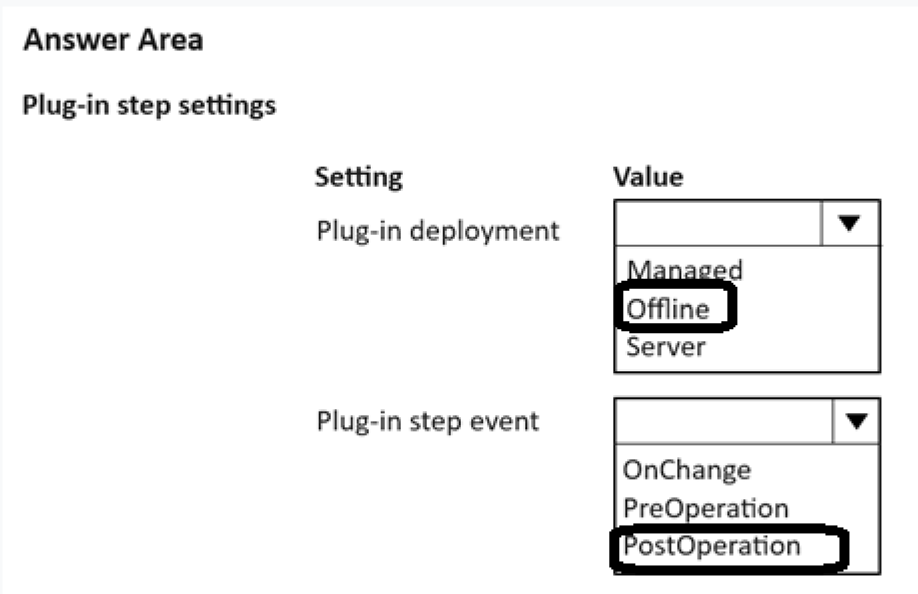
You need to register the plug-in step to apply the business logic.

Which values should you use for each plug-in step setting? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:



Topic 7 - Question Set 7

Question #1 *Topic 7*

HOTSPOT -

A company updates their client contact information periodically. The contact entity has alternate keys defined.

You have the following code. (Line numbers are included for reference only.)

```
Entity contact = new Entity()
{
  LogicalName = "contact",
  KeyAttributes =
  {
    {"lastname", "Smith"},
    {"clientnumber", "abc123"}
   }
 },
contact["lastname"] = "Doe";
UpsertRequest updcontact = new UpsertRequest ();
{
  Target = contact;
 }
UpsertResponse response = ( UpsertResponse )service.Execute(updcontact);
```

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statement	Yes	No
If the last name is an alternate key and there are no contacts with the last name Smith, the stored value of the last name is Smith.	○	○
If the client number is an alternate key and the client number exists, the stored value of the last name is Smith.	○	○
If the last name is an alternate key and there are people who have the last name Smith, the stored value of the last name is Smith.	○	○
If the client number is an alternate key and the client number does not exist, the stored value of the last name is Smith.	○	○

Correct Answer:

Answer Area

Statement	Yes	No
If the last name is an alternate key and there are no contacts with the last name Smith, the stored value of the last name is Smith.	○	●
If the client number is an alternate key and the client number exists, the stored value of the last name is Smith.	●	○
If the last name is an alternate key and there are people who have the last name Smith, the stored value of the last name is Smith.	○	●
If the client number is an alternate key and the client number does not exist, the stored value of the last name is Smith.	○	●

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-alternate-key-create-record

cleon37 Highly Voted 3 years, 1 month ago
No scenario can be yes, because the value of the lastname field is overwritten with the value of "Doe". All duplicate evaluation with the combination of alternate keys is done with the latter value.
upvoted 41 times

Anks123 2 years, 11 months ago
3rd answer should be Yes. the system will throw error if multiple smiths are found and thus no change will happen in last name. So stored value will be smith
upvoted 6 times

Puneet1891 2 years, 9 months ago
all the answers should be No.
alternate key can not be duplicated. they are getting the record by a combination of 2 attributes, so even if there are people with smith but there would be max 1 record the combination of last name and client number.
upvoted 6 times

Doppelfinger 2 years, 9 months ago
yes, completely agree. KeyAttribute is only for matching. Does not participate in update. 2nd would be corect if it was ... last name is Doe..
upvoted 1 times

majklik 2 years, 9 months ago
Nothing changed, same value stay in Dataverse. Its Smith, actually. 3rd answer is Yes.
upvoted 1 times

chiari_do 9 months, 2 weeks ago
Also for me: NNYN
upvoted 2 times

smusau 3 years, 1 month ago
True, Should be No for all.
upvoted 5 times

luvasgloves Highly Voted 2 years, 5 months ago
I would go with all No's because the lastname is overwritten to "Doe"
upvoted 5 times

RyanShresta Most Recent 8 months, 2 weeks ago
For me its NNYN
upvoted 1 times

justin_s 1 year, 1 month ago
So NO ONE just TEST it????
There will be an error if you use none-key-attribute in KeyAttribute only when xxx (try it plz). It is not the behavior said in MS doc, very disappointment.
upvoted 1 times

BeginLearningforPP 1 year, 5 months ago
Should be NO for all
upvoted 1 times

PulkitG 1 year, 5 months ago
when created - Attribute is priority
when updated - Key is priority

No - Create - attribute is priority, so Deo
Yes - Update - Key is priority - Smith
Yes - Update - Key is priority - Smith
No - Create - attribute is priority, so Deo
upvoted 2 times

xanr4711 1 year, 6 months ago
1) NO: Record does not exist -> CREATE -> attributes have prio - last name will be doe
2) YES: Record does exist -> UPDATE -> key-attributes have prio - last name will be Smith
3) Undecided: For this to be possible at all, client number must be an alternate key too! So it clearly depends on wether the combination already existed (YES) or not (NO)
4) NO: Record does not exist -> CREATE -> attributes have prio - last name will be doe
upvoted 2 times

gobji 2 years, 3 months ago
No scenario can be yes
upvoted 2 times

Hendrikdb 2 years, 4 months ago
Correct answer:
No: attributecollection has prio over keyattributes, so the created contact would have doe
Yes: No change to the exisitng contact, so same as before

Yes: one or multiple contacts found, doesn't matter, stored value stays the same
No: Same as first question, a newly created contact would be named Doe
upvoted 3 times

kdevaa 2 years, 3 months ago
For the second, it says the key is client number and the matching data exists, then the last name will be updated as Doe correct?
upvoted 1 times

prikrylm 2 years, 6 months ago
Whole code pobably crash on line 10 with "There is no key in the dictionary:...
upvoted 1 times

ZVV 2 years, 9 months ago
>> If you specify a column set that is not defined as a unique key, an error will be thrown indicating that use of unique key columns is required.

So AK must consist of two columns for this code to work, doesn't it?
upvoted 1 times

val_maly 2 years, 10 months ago
Should the answer be YES, NO, NO, YES?

The reason https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-upsert-insert-update-record
Understanding the Upsert process:
1. Send UpsertRequest with enough data for a create or insert operation.
2. Dataverse will look up the record targeted by the target table.
3. If the record exists:
a. Set the ID property of the target table with the ID of the found record.
b. Call Update.
c. Set the RecordCreated to false.
...
4. If the record doesn't exist:
a. Copy any alternate key values into the target table columns.
b. Call Create.
c. Set the RecordCreated to true.
...

Finally in the scenarios where we do CREATE record - the lastname WILL BE "Smith"
And where we do UPDATE record - lastname will be "Doe"
upvoted 4 times

xanr4711 1 year, 6 months ago
Well just the other way round
upvoted 2 times

ConradMoulin 3 years, 1 month ago
The code is wrong in many ways.

Working code :

```
Entity contact = new Entity()
{
LogicalName = "contact",
KeyAttributes =
{
{"lastname", "Smith" },
{"clientnumber", "abc123" }
}
};

contact["lastname"] = "Doe";

UpsertRequest updcontact = new UpsertRequest()
{
Target = contact
};

UpsertResponse response = (UpsertResponse)crmService.Execute(updcontact);
```

upvoted 5 times

ZVV 2 years, 10 months ago
And the answer?
upvoted 2 times

Question #2 *Topic 7*

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

Correct Answer:

Answer Area

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

Box 1: Webhook -

With Dataverse, you can send data about events that occur on the service to a web app by using webhooks. A webhook is a lightweight HTTP pattern for connecting web APIs and services with a publish-and-subscribe model. Webhook senders notify receivers about events by making requests to receiver endpoints with some information about the events.

Webhooks enable developers and ISVs to integrate Dataverse data with their own custom code hosted on external services.

Box 2: Azure Service Bus -

Service Bus provides a secure and reliable communication channel between Dataverse runtime data and external, cloud-based line-of-business apps. This capability is especially useful in keeping disparate Dataverse systems or other Dataverse servers synchronized with business data changes.

Box 3: Azure Event hub -

Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.

Note: The most popular approaches in Dataverse involve webhooks, Azure messaging (Service Bus, Event Hubs), Azure Logic Apps, or Power

Automate.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/why-cds-any-type-app

Puneet80 Highly Voted 2 years, 11 months ago
Correct Answer - Webhook, Azure Service Bus, Azure Event Hub.
1. Webhook
- We know the first one is not Azure service bus because they ask for synchronous. Service Bus is only asynchronous.
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks#create-or-configure-a-service-to-consume-webhook-requests
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. Webhook can only scale to the point at which your hosted web service can handle the messages.
3. 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 34 times

Najm Highly Voted 3 years ago
Answer is Webhook, Azure Event Hub, Plugin.
upvoted 15 times

Zakaria10 2 years, 12 months ago
Why using Azure event hub, there is not big data, azure service hub will work. And plugin for third question 👍
upvoted 2 times

Leila24 2 years, 8 months ago
Because of "high peak loads"
upvoted 2 times

PaPaTee 3 years ago
You are correct.
upvoted 1 times

At09 Most Recent 4 months, 3 weeks ago
correct ans
upvoted 1 times

shibax 2 years ago
①webhook
②Azure event hub
③plug-in
upvoted 2 times

shibax 2 years ago
sorry,
①webhook
②Azure Service bus
③Azure event hub
upvoted 2 times

metyh 2 years, 10 months ago
1. webhook, 2.service bus 3.plug-in
upvoted 5 times

Question #3 *Topic 7*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are designing a one-way integration from the Microsoft Dataverse to another system.
You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.
You need to design the integration solution.
Solution: Register a webhook in the Dataverse instance that connects to the Azure Function. Register a step on the webhook which runs synchronously on the record's Create message and in the post-operation stage.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*
Instead use asynchronous communication.

Community vote distribution
B (100%)

haoest 5 days, 11 hours ago
Would it be a better solution if Azure Service Bus is notified on PreOperation (as suppose to PostOperation), and also wait until Azure Service Bus to confirm before proceeding to the Creation of the record? In this scenario, if Azure Service Bus had a hiccup (it's not like google or microsoft has never had an outage), then the record created in dataverse would not be pushed to the external system.
upvoted 1 times

At09 4 months, 3 weeks ago
B .
upvoted 1 times

dj74 5 months ago
Selected Answer: B
integration is unavailable for more than a few seconds
sync or async does not matter. you should use something else then webhook
upvoted 1 times

lezzles11 6 months, 2 weeks ago
It's no because Azure Functions don't support scenarios where the connection is inconsistent, right? So perhaps it would be better to use service bus
upvoted 1 times

justin_s 1 year, 1 month ago
B. But it is not about sync or async.
upvoted 3 times

Violoncello 1 year, 5 months ago
Correct: Webhooks can be used synchronously or asynchronously. The fact that a network can have a glitch (network resources temporarily unavailable) should suggest that Asynchronous operation is the better option.
ALSO, Asynchronous operation is better so that a user doesn't have to "wait" for this process to complete.
upvoted 4 times

Question #4 *Topic 7*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are designing a one-way integration from the Microsoft Dataverse to another system.
You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.
You need to design the integration solution.
Solution: Register a service endpoint in the Dataverse instance that connects to an Azure Service Bus queue.
Register a step at the endpoint which runs asynchronously on the record's Create message and in the post-operation stage.
Configure the Azure Function to process records as they are added to the queue.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*
Need a plug-in or a custom workflow.
Note: Plug-ins are one of two methods used to initiate posting the message containing the data context to the Azure Service Bus, the other method being a custom workflow activity.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration

Community vote distribution
A (93%) 7%

haoest 5 days, 11 hours ago
Would it be a better solution if Azure Service Bus is notified on PreOperation (as suppose to PostOperation), and also wait until Azure Service Bus to confirm before proceeding to the Creation of the record? In this scenario, if Azure Service Bus had a hiccup (it's not like google or microsoft has never had an outage), then the record created in dataverse would not be pushed to the external system.
upvoted 1 times

At09 4 months, 3 weeks ago
A .
upvoted 1 times

lezzles11 6 months, 2 weeks ago
Selected Answer: A
It should work. Endpoints register service endpoints including webhooks, Azure Service Bus, and Azure Event Hub.
upvoted 1 times

SuperRaj 8 months, 2 weeks ago
Selected Answer: A
Using service bus and Service bus Queue triggered function will solve the problem.
upvoted 1 times

Austin_Loh 9 months, 3 weeks ago
Selected Answer: B
https://www.examtopics.com/discussions/microsoft/view/63564-exam-pl-400-topic-7-question-9-discussion/
upvoted 1 times

DimpleG 1 year, 1 month ago
Selected Answer: A
The solution you have described meets the goal of using an Azure Function to update the other system with newly created records from the Dataverse, while also supporting scenarios where a component of the integration is unavailable for a short period of time. By using a service endpoint that is triggered by the "Create" message and runs asynchronously in the post-operation stage, the new record will be created in the Dataverse, and added to an Azure Service Bus queue.

The Azure Function can then process the records as they are added to the queue, this pattern ensure that even if the Azure Function or another component of the integration is temporarily unavailable, the new record will still be created in the Dataverse and added to the queue, and the Azure Function will be able to process it when it becomes available again.

So, this solution is appropriate to avoid data loss condition and meet the goal of one-way integration from the Microsoft Dataverse to another system.

upvoted 4 times

vpatel1826 1 year, 2 months ago

A - Yes

upvoted 2 times

MarioM 1 year, 5 months ago

Selected Answer: A

That is a good solution

upvoted 3 times

Flatternschuchtern 1 year, 5 months ago

Selected Answer: A

This will work, will work asynchronously, and will retry many times before giving up.

upvoted 4 times

Question #5 *Topic 7*

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

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

You are designing a one-way integration from the Microsoft Dataverse to another system.

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

You need to design the integration solution.

Solution: Configure the Azure Function with a timer trigger that runs every five minutes. The function will query the Dataverse instance and process records created in the last five minutes.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Instead use Azure Service Bus queue solution with asynchronous communication.

Reference:

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

Community vote distribution

B (67%) A (33%)

At09 4 months, 3 weeks ago

No .

upvoted 1 times

hikmatune 1 year ago

Selected Answer: B

Cant be yes

upvoted 2 times

vpatel1826 1 year, 2 months ago

B : No

upvoted 3 times

Flatternschuchtern 1 year, 5 months ago

Selected Answer: A

Yes this will work too

upvoted 1 times

MarioM 1 year, 5 months ago

It won't. You need change tracking, and that is not reliable.

upvoted 4 times

Flatternschuchtern 1 year, 4 months ago

Yes ur right

upvoted 1 times

Question #6 *Topic 7*

DRAG DROP -

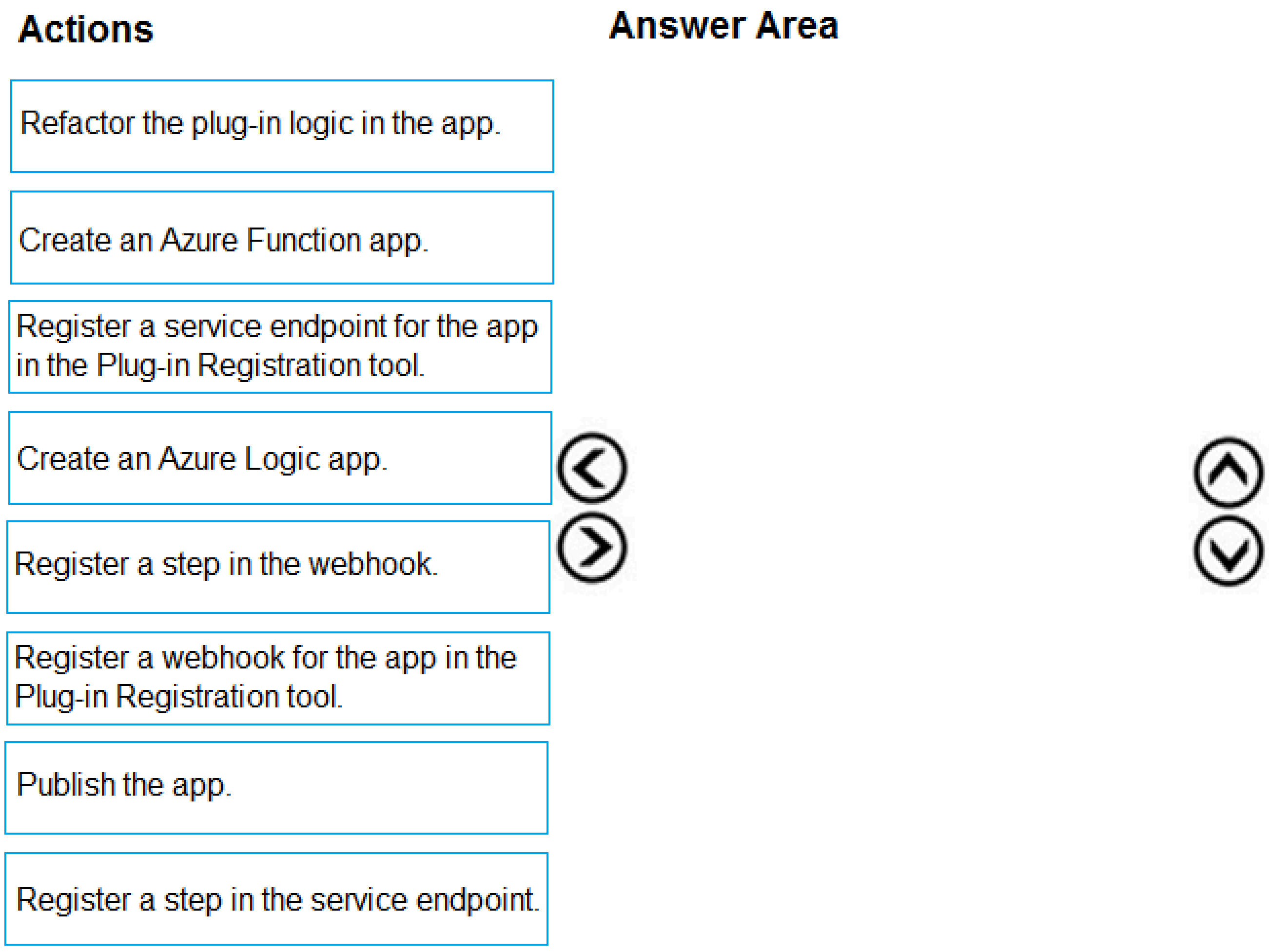
An organization uses plug-ins to retrieve specific information from legacy data stores each time a new order is submitted.

You review the Microsoft Dataverse analytics page. The average plug-in execution time is increasing.

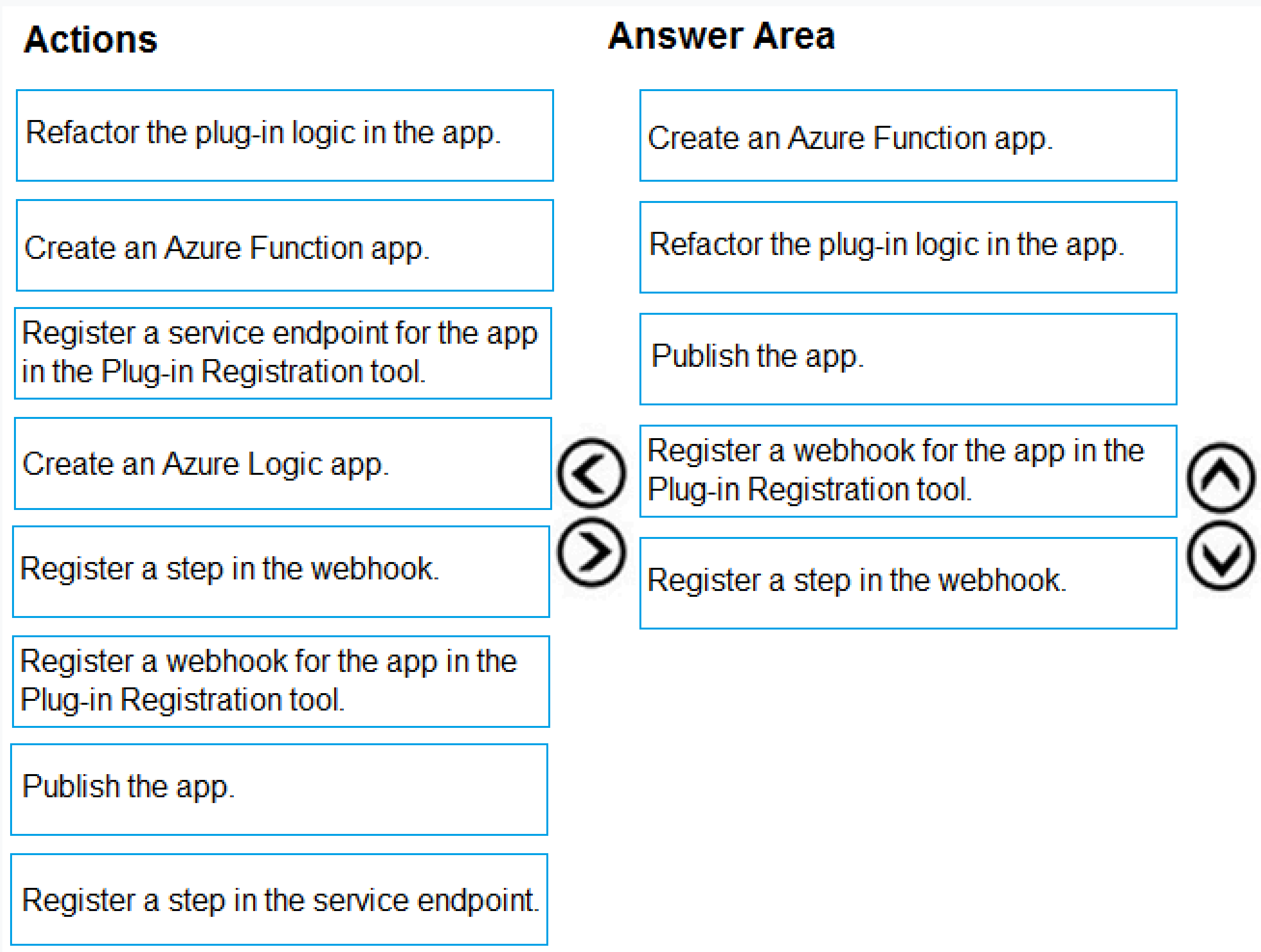
You need to replace the plug-in with another component, reusing as much of the current plug-in code as possible.

Which five 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:



Correct Answer:



Step 1: Create an Azure Function app

Azure Functions provide an excellent way to deliver a solution using WebHooks.

Step 2: Refactor the plug-in logic in the app.

Step 3: Publish the app -

You can publish your function app to Azure directly from Visual Studio.

Step 4: Register a webhook for the app in the Plug-in Registration tool

Use the Plug-in Registration tool to register a WebHook.

Step 5: Register a step in the webhook.

Registering a step for a WebHook is like registering a step for a plug-in.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-webhooks https://docs.microsoft.com/en-us/powerapps/developer/data-platform/register-web-hook

luvasgloves Highly Voted 2 years, 5 months ago
Correct I think
upvoted 14 times

At09 Most Recent 4 months, 3 weeks ago
Create an Azure Function app
Refactor the plugin-in logic in the app
Publish the app
Register a webhook for the app in the Plugin-in Registration tool
Register a step in the webhook
upvoted 1 times

lesiris 1 year, 7 months ago
Was in my exam (28/07/2022)
upvoted 2 times

YFSun 1 year, 7 months ago
My answer is:
1) Create an Azure Function app
2) Register a webhook for the app in the Plugin-in Registration tool
3) Register a step in the webhook
4) Refactor the plugin-in logic in the app
5) Publish the app
upvoted 4 times

ziggy1117 6 months, 3 weeks ago
you need to refactor the plug-in logic in the azure function app meaning you need to improve the code/logic. so it should be step#2 then you publish it.

so the correct order is:
Create an Azure Function app
Refactor the plugin-in logic in the app
Publish the app
Register a webhook for the app in the Plugin-in Registration tool
Register a step in the webhook
upvoted 5 times

MarioM 1 year, 5 months ago
publish the app should be 2nd, to be able to have it while registering plugin
upvoted 2 times

MuhammadSaadFahim 5 months ago
@MarioM and @YFSun Please don't create confusions both are same
upvoted 1 times

Question #7 *Topic 7*

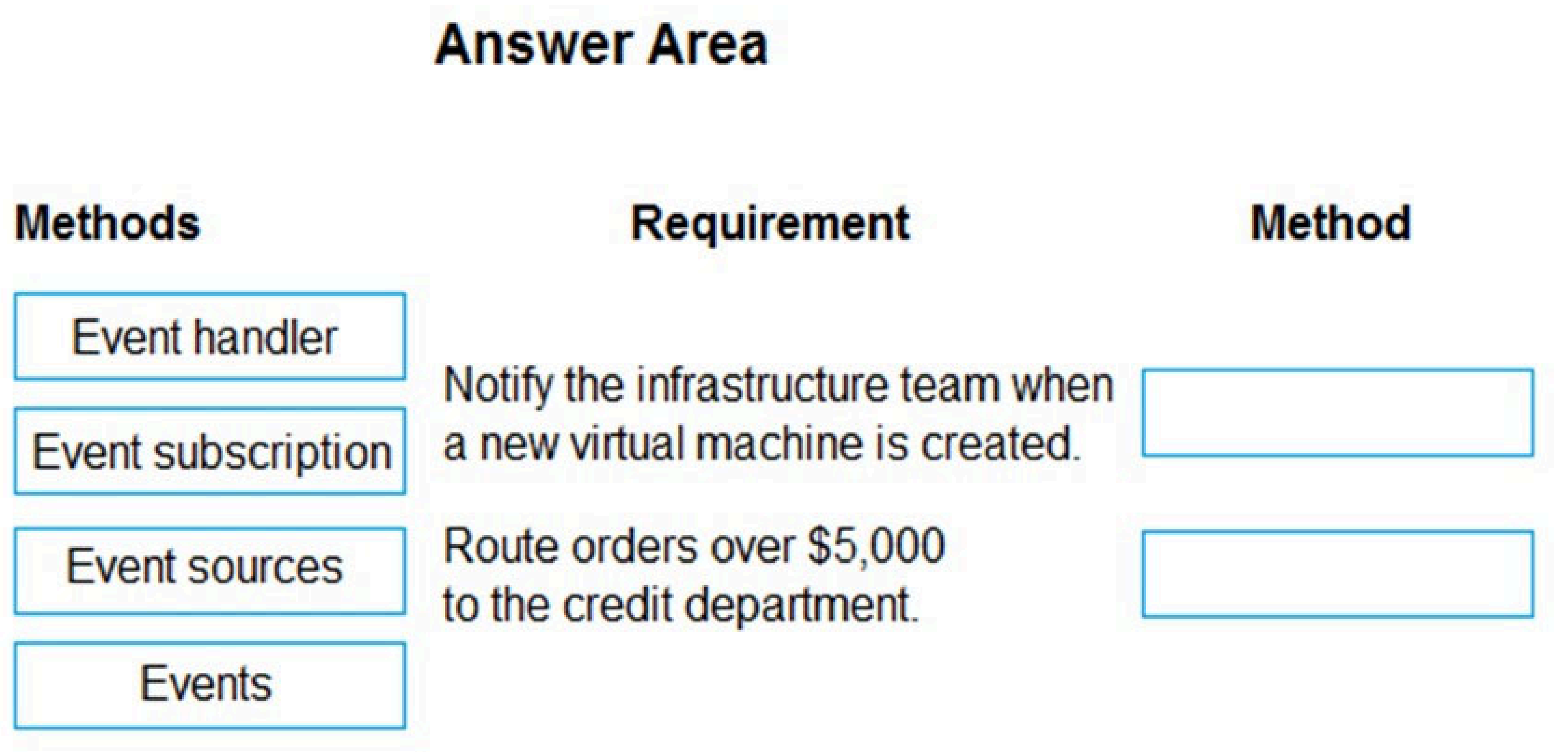
DRAG DROP -

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

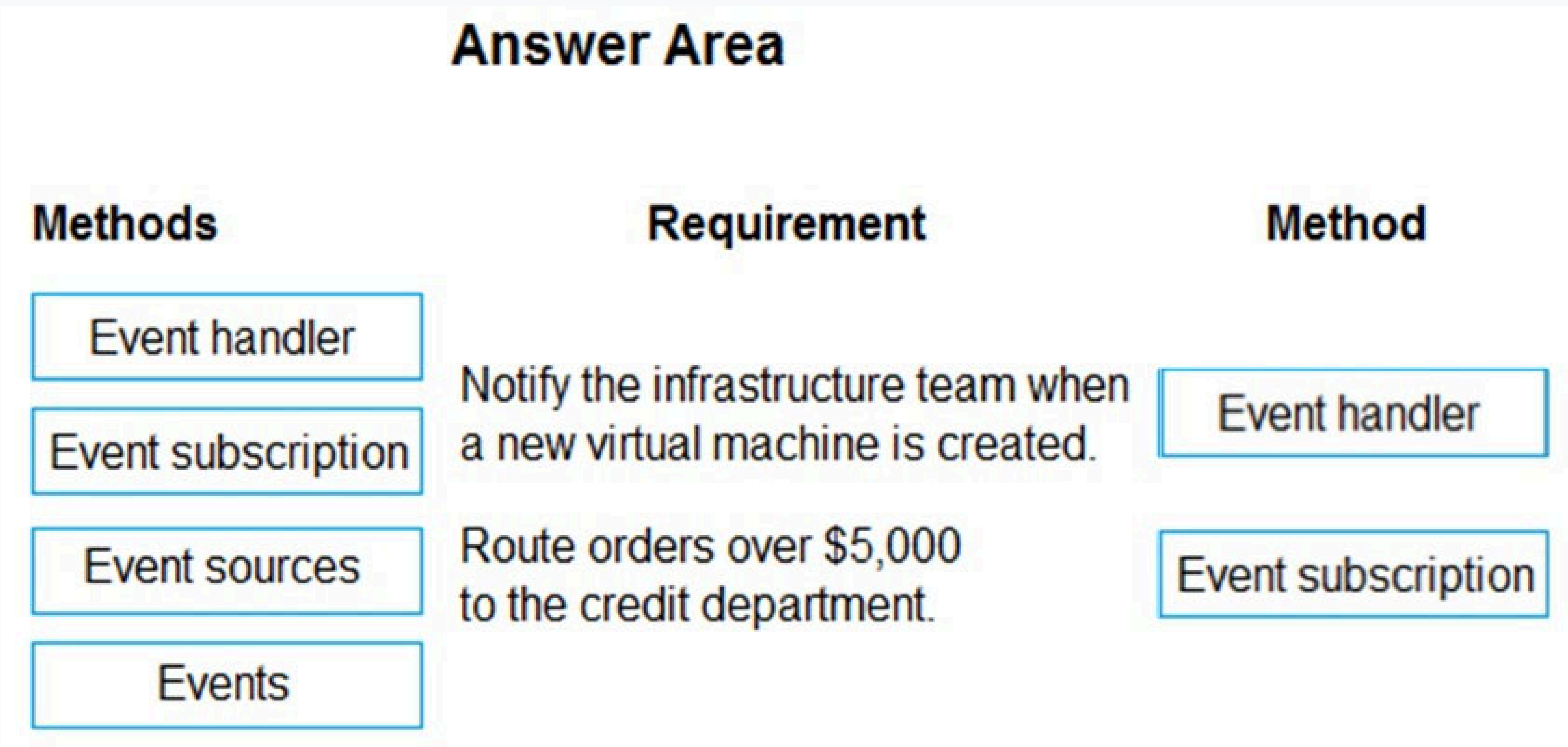
Which method should you use for each requirement? To answer, drag the appropriate methods to the correct requirements. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: Event handler -

An event handler is the place where the event is sent. The handler takes some further action to process the event.

Box 2: Event subscription -

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.

Incorrect Answers:

Events - What happened.

Event sources - Where the event took place.

Reference:

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

[Removed] Highly Voted 10 months, 4 weeks ago

Requirement 1: Notify the infrastructure team when a new virtual machine is created

Method: Event subscription

Explanation: Create an event subscription for the virtual machine creation event source and specify the infrastructure team as the endpoint for the subscription. When a new virtual machine is created, Event Grid will send an event to the subscription and notify the infrastructure team.
Requirement 2: Route orders over $500 to the credit department

Method: Event handler
Explanation: Create an event handler to listen for incoming order events from the order system. When an order event is received, the event handler can check the order total and route orders over $500 to the credit department.
upvoted 8 times

Jett27 9 months, 3 weeks ago
Google Bard and ChatGPT agrees
upvoted 1 times

At09 Most Recent 4 months, 3 weeks ago
2. Event Handler
upvoted 1 times

At09 4 months, 3 weeks ago
1. Event Subscription
upvoted 1 times

JerryAnt 5 months, 2 weeks ago
It should be 1, Event sources; 2 Event handler
upvoted 1 times

lesiris 1 year, 7 months ago
Was in my exam (28/07/2022). I took provided answers
upvoted 3 times

YFSun 1 year, 7 months ago
I think:
1. Event
2. Event handler
upvoted 3 times

YFSun 1 year, 7 months ago
Update:
1. Event Source
Custom Topics or "Topics" for short. Use custom topics if your requirements resemble the following user story:
"As an owner of a system, I want to communicate my system's state changes by publishing events and routing those events to event handlers, under my control or otherwise, that can process my system's events in a way they see fit."
Ref: https://docs.microsoft.com/en-us/azure/event-grid/overview#event-sources
2. Event Handler
An event handler is the place where the event is sent. The handler takes some further action to process the event. Several Azure services are automatically configured to handle events. You can also use any webhook for handling events.
Ref: https://docs.microsoft.com/en-us/azure/event-grid/event-handlers
upvoted 1 times

alberto_75 2 years, 7 months ago
Answer is correct
An event handler is the place where the event is sent.
upvoted 4 times

Big_PP 2 years, 7 months ago
No idea here but looks correct?
upvoted 2 times

Question #8 *Topic 7*

HOTSPOT -

You create a Power Platform solution to track purchasing requirements for bills of material (BOMs) and their subcomponents.

The solution must meet the following requirements:

➾ Ensure that the BOMs are enabled to include the necessary subcomponents.

➾ Report changes to the BOMs or their sub-components that are made by engineers.

You need to configure the solution.

What should you do to meet each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Action
Ensure the BOMs can include necessary subcomponents.	Configure entity relationships. Configure Quick View. Configure environment variables.
Report who changed the BOM records and when the changes were made.	Configure entity change tracking. Configure entity auditing. Configure environment variables.

Correct Answer:

Answer Area

Requirement	Action
Ensure the BOMs can include necessary subcomponents.	Configure entity relationships. Configure Quick View. Configure environment variables.
Report who changed the BOM records and when the changes were made.	Configure entity change tracking. Configure entity auditing. Configure environment variables.

Box 1: Configure entity relationship

Box 2: Configure entity change tracking

The change tracking feature in Microsoft Dataverse provides a way to keep the data synchronized in an efficient manner by detecting what data has changed since the data was initially extracted or last synchronized. Previously, without this new feature, it was difficult to build a reliable and efficient mechanism to determine what records had changed in Dataverse.

Reference:

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

Leila24 Highly Voted 2 years, 8 months ago

The first is correct but second definitely looks wrong. The request is for audit the person who changed the data not data changes. I assume second answer is "Configure Auditing"

upvoted 39 times

piboke 2 years, 3 months ago

You cannot report based on audit table in Dynamics, so you must do it using change tracking

upvoted 1 times

HiJaak 5 months ago

No, is not "Track changes" - if you look at the table/entity properties, "Track changes" info display: "Help data stay synchronized in external systems. Required for tables that are available offline."
So the correct answer is "Configure Auditing" that will "Log any data creation, changes, or deletion in this table. When turned on, all columns are audited by default."

upvoted 1 times

lesiris 2 years, 4 months ago

You are right https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-create-entity

Change tracking is use to synchronize external systems

upvoted 2 times

Vivinator1 2 years, 5 months ago

Yes but that would be true for MS Dynamics solutions. In Dataverse the auditing is done with change tracking.

upvoted 2 times

KAL18 2 years, 3 months ago

As per my knowledge, all cloud based out of the box dynamics solution settings (through classic interface) applies to Power Apps as well. Please acknowledge or correct me if I a wrong?

upvoted 1 times

numasea 1 year, 8 months ago

Correct. change tracking retrieves which data changed but who had changed data.
We have to use audit.

upvoted 1 times

JerryAnt Most Recent 5 months, 2 weeks ago

1 correct
2 Auditing
because the question is Who and when, it should be entity auditing

upvoted 1 times

[Removed] 10 months, 4 weeks ago

why the action 1.Configure entity change tracing is not the right answer for Requirement 2: Report who changed the BOM record and when the changes were made?
The action "Configure entity change tracing" is not the right answer for Requirement 2: Report who changed the BOM record and when the changes were made because entity change tracing is designed to trace the execution of platform-level operations that affect entities, such as creating or deleting an entity, rather than tracking changes to entity records.

In contrast, entity auditing is designed specifically for tracking changes to entity records, including changes made to specific fields in a record, who made the changes, and when the changes were made. Therefore, to meet the requirement of reporting who changed the BOM record and when the changes were made, it is more appropriate to use entity auditing.

upvoted 3 times

CRMBug 1 year, 3 months ago

Correct

upvoted 1 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 2 times

Marcus_S80 2 years, 2 months ago

Both are correct. The 2nd one has to be change tracking, because
- "Report changes ..." is not posible with Auditing, no reports, visualisation, automated processing, etc.
- deleted records would never be found with auditing

upvoted 2 times

luvasgloves 2 years, 5 months ago

Unsure about auditing or change tracking. I know both exist in Dataverse, but I think Change Tracking is best

upvoted 1 times

Question #9 *Topic 7*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are designing a one-way integration from the Microsoft Dataverse to another system.
You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.
You need to design the integration solution.
Solution: Register a service endpoint in the Dataverse instance that connects to an Azure Service Bus queue.
Create and register an Azure-aware plug-in that uses the service endpoint.
Register a step on the plug-in that runs asynchronously on the record's Create message and in the post-operation stage.
Configure the Azure Function to process records as they are added to the queue.
Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*
Plug-ins are one of two methods used to initiate posting the message containing the data context to the Azure Service Bus, the other method being a custom workflow activity.
Note: Microsoft Dataverse supports integration with Azure.
For the Dataverse and Azure connection to work, there must be at least one solution in an Azure Service Bus solution account, where the solution contains one or more service endpoints.
For a queue endpoint contract, a listener doesn't have to be actively listening.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration

VladimirNL442 Highly Voted 2 years, 3 months ago
Correct,
why microsoft exam questions not all like these, clear, easy.
if person never worked with Dataverse before then he/she will not know that.
Create 1000 easy questions and then :
1) no need for dumps as they are easy to pass if you really know the system
2) dumps are not in demand - everyone will be trying without them
3) easy to create 1000 - hard to make dumps

Profit. Microsoft is stupid
upvoted 10 times

haoest Most Recent 5 days, 10 hours ago
what happens if azure service bus has a hiccup and goes line for a minute at the time the plugin sends a message?
upvoted 1 times

loecun 2 years, 4 months ago
correct
upvoted 2 times

lesiris 2 years, 4 months ago
Right answer ?
upvoted 1 times

alevalli9 11 months, 2 weeks ago
A. Yes
upvoted 1 times

Question #10 *Topic 7*

HOTSPOT -

You create an alternate key named AlternateKey1 on the Account entity. The definition for AlternateKey1 is shown in the following exhibit:

Entities > **Account**

Fields Relationships Business rules Views Forms Dashboards Charts Keys

Display name ↑		Name	Fields
AlternateKey1	···	cr27f_AlternateKey1	Account Number, Account Name

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

How is uniqueness enforced based on the definition of AlternateKey1?

- The combination of Account Number and Account Name must be unique
- Either Account Number or Account Name must be unique
- Account Number and Account Name must both be unique

You must add a third field to AlternateKey1. What should you do?

- Update AlternateKey1 and add the missing field
- Delete AlternateKey1 and re-create it with all three fields
- Create a new alternate key named AlternateKey2 with only the missing field

Correct Answer:

Answer Area

How is uniqueness enforced based on the definition of AlternateKey1?

- The combination of Account Number and Account Name must be unique
- Either Account Number or Account Name must be unique
- Account Number and Account Name must both be unique

You must add a third field to AlternateKey1. What should you do?

- Update AlternateKey1 and add the missing field
- Delete AlternateKey1 and re-create it with all three fields
- Create a new alternate key named AlternateKey2 with only the missing field

Box 1: The combination of Account Number and Account Name must be unique

With alternate keys you can now define a column in a Dataverse table to correspond to a unique identifier or unique combination of columns.

Box 2: Delete AlternateKey1 and re-create it with all three fields

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/define-alternate-keys-entity

nivanpee Highly Voted 2 years, 1 month ago

correct

upvoted 5 times

luvasgloves Most Recent 2 years, 5 months ago

Correct. We have to delete alternate key, can't update them

upvoted 2 times

Hugolini 2 years, 6 months ago

Correct

upvoted 1 times

Question #11

Topic 7

HOTSPOT -

A delivery service uses a canvas app to track and deliver packages. The app uses SQL Server as a data store. The database includes the following tables:

Table	Comments
Receivers	Stores information about customers who receive delivered goods. The table uses an identity column named SBsqlid to uniquely identify each record.
Packages	Stores information about package details. Employees update package details during delivery to reference the person who received the package.

The app includes the following code to save all required information. (Line numbers are included for reference only.)

```
ClearCollect(
  Result,
    Patch(
      Receivers,
      Defaults(Receivers),
      {
         SignedByFN: txtInFirstName.Text,
         SignedByID: txtInID.Text
      }
    )
 );
 Patch(
   Packages,
   Defaults(Packages),
   {
     SBsqlid: First(Result).SBsqlid,
     TrackingNo: lblPackage.Text
   }
 );
```

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

	Yes	No
The Patch statement populates the identity column when a record is created.	○	○
The Patch statement at line 03 creates a reference to the customer who received a specific package.	○	○
You must add a lookup function to ensure that the code correctly creates a reference to the customer who receives a package.	○	○
The Patch statement at line 12 merges records.	○	○

Correct Answer:

Answer Area

	Yes	No
The Patch statement populates the identity column when a record is created.	◉	○
The Patch statement at line 03 creates a reference to the customer who received a specific package.	○	◉
You must add a lookup function to ensure that the code correctly creates a reference to the customer who receives a package.	◉	○
The Patch statement at line 12 merges records.	◉	○

The ClearCollect function deletes all the records from a collection.

Syntax: ClearCollect(Collection, Item, ...)

Collection ג€" Required. The collection that you want to clear and then add data to.

Item(s) - Required. One or more records or tables to add to the data source.

Box 1: Yes -

The Patch function in Power Apps modifies or creates one or more records in a data source, or merges records outside of a data source.
Use Patch with the Defaults function to create records.

Box 2: No -

The return value of Patch is the record that you modified or created. If you created a record, the return value may include properties that the data source generated automatically. However, the return value doesn't provide a value for fields of a related table.
For example, you use Set(MyAccount, Patch(Accounts, First(Account), 'Account Name': "Example name"); and then MyAccount.'Primary Contact'.'Full Name'. You can't yield a full name in this case. Instead, to access the fields of a related table, use a separate lookup such as: LookUp(Accounts, Account = MyAccount.Account).'Primary Contact'.'Full Name

Box 3: Yes -

Box 4: Yes -

Merge records outside of a data source.
Specify two or more records that you want to merge. Records are processed in the order from the beginning of the argument list to the end, with later property values overriding earlier ones.
Patch returns the merged record and doesn't modify its arguments or records in any data sources.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-clear-collect-clearcollect

KAL18 Highly Voted 2 years, 3 months ago
The usage of LookUp function is to find the first record in a table based upon certain criteria. So, the third answer should also be NO.

Correct answers:
YNNN
upvoted 12 times

KAL18 2 years, 3 months ago
Furthermore, (for question 3) >>>
No need to use Lookup function to create reference to customer because the earlier Patch function already returns the generated customer ID.

Reference >>>
The return value of Patch is the record that you modified or created. If you created a record, the return value may include properties that the data source generated automatically.
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-patch#modify-or-create-a-record-in-a-data-source
upvoted 3 times

jimbo7 Highly Voted 2 years, 5 months ago
For the last question, the answer should be no, as the syntqx is still the one for creating/modifying a record in a data source and not for merging two recorda outside of the source:

Modify or create a record in a data source
Patch(DataSource, BaseRecord, ChangeRecord1 [, ChangeRecord2, …])

Merge records
Patch(Record1, Record2 [, …])
upvoted 12 times

DeVries 1 year, 11 months ago
Last is 'no' because patch() with defaults() does not update but creates:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-patch#overview
"Use Patch with the Defaults function to create records. "
upvoted 4 times

amarrrin Most Recent 4 months, 2 weeks ago
11-oct-2023 in the first option was also "line 03" note on exam.
upvoted 1 times

At09 4 months, 3 weeks ago
YNYN it is
upvoted 1 times

nivanpee 2 years, 1 month ago
answer should be YNYN
upvoted 10 times

etrifiro 2 years, 3 months ago

YYNN right?

upvoted 1 times

etrifiro 2 years, 3 months ago

please ignore this

upvoted 3 times

Question #12 *Topic 7*

A company plans to replicate a Dynamics 365 Sales database into an Azure SQL Database instance for reporting purposes. The Data Export Service solution has been installed.
You need to configure the Data Export service.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Enable auditing for all entities that must be replicated to Azure SQL Database.

B. Create an export profile that specifies all the entities that must be replicated.

C. Set up server-based integration.

D. Enable change tracking for all entities that must be replicated to Azure SQL Database.

E. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.

Correct Answer: *ABD*
B: The Export Profile is the core concept of the Data Export Service. The Export Profile gathers set up and configuration information to synchronize data with the destination database. As part of the Export Profile, the administrator provides a list of entities to be exported to the destination database.
D: Only entities that have change tracking enabled can be added to the Export Profile.
Incorrect Answers:
E: To use the Data Export Service the customer engagement apps (i.e., Dynamics 365 Sales, Dynamics 365 Customer Service, Dynamics 365 Field Service,
Dynamics 365 Marketing, and Dynamics 365 Project Service Automation) and Azure Key Vault services must operate under the same tenant and within the same
Azure Active Directory. However, the Azure SQL Database service can be in the same or a different tenant.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database

Community vote distribution
BDE (100%)

remo Highly Voted 2 years, 2 months ago
Answers Should be BDE.
upvoted 27 times

Aferdita 1 year, 12 months ago
https://www.examtopics.com/discussions/microsoft/view/23395-exam-mb-400-topic-7-question-4-discussion/
upvoted 3 times

BeginLearningforPP 1 year, 5 months ago
Correct. should be BDE
upvoted 1 times

Andy2021sp 2 years, 1 month ago
https://docs.microsoft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database => The Azure SQL Database service can be in the same or a different tenant from the service.
upvoted 2 times

At09 Most Recent 4 months, 3 weeks ago
BDE then
upvoted 1 times

MuhammadSaadFahim 5 months ago
Answer: BDE (https://netwoven.com/dynamics-365/quick-steps-to-replicate-data-from-dynamics-365-online-to-azure-sql-database/)
upvoted 1 times

MarioM 1 year, 5 months ago
Selected Answer: BDE
should be BDE
upvoted 2 times

Kalimho 1 year, 7 months ago

in exam 2022.07.21

upvoted 1 times

Peppo21 1 year, 10 months ago

So what's the answer?

upvoted 1 times

Alvax010 1 year, 11 months ago

Selected Answer: BDE

see explanation in the question

upvoted 3 times

Question #13 *Topic 7*

HOTSPOT -

A company must copy customer account data changes from a Microsoft Dataverse instance into an external system. Azure Storage Queues are used to pass the changes from Dataverse to the external system.

You have the following code. (Line numbers are included for reference only.)

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

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

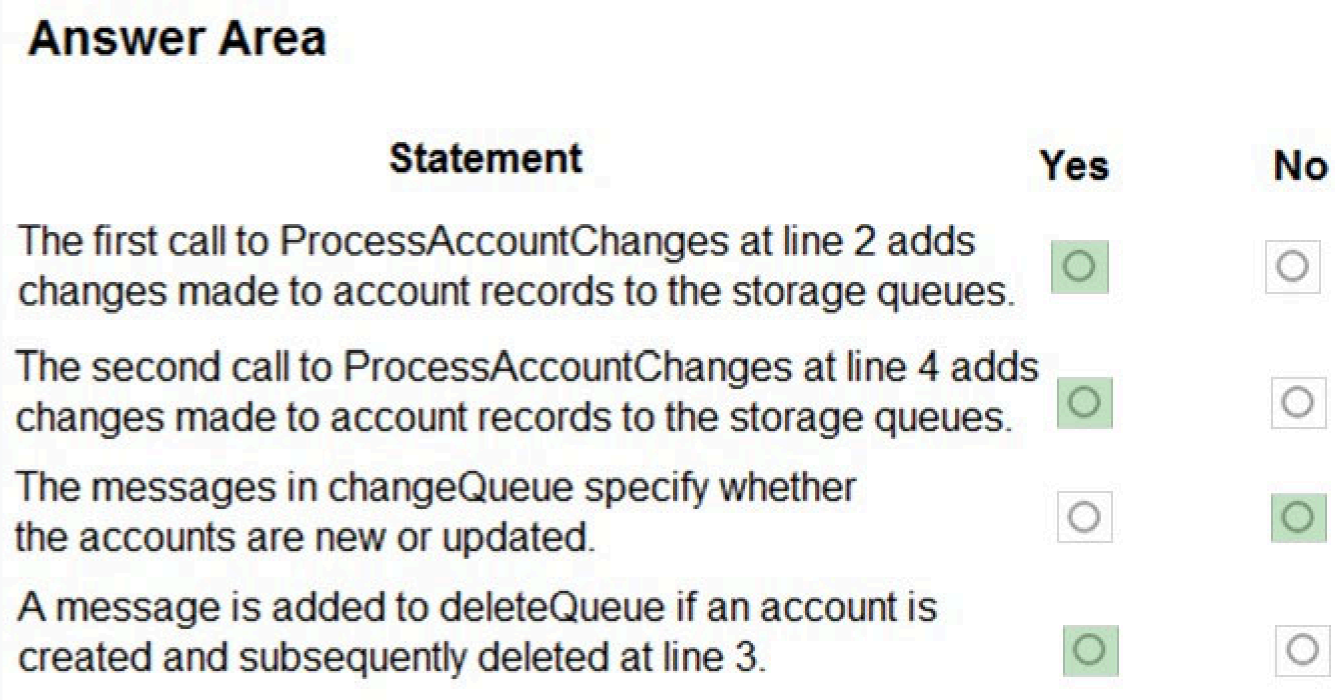
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:



Answer Area

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

Box 3: No -

Either new/updated or removed/deleted.

At09 4 months, 3 weeks ago

YYNY the ans

upvoted 1 times

ziggy1117 6 months, 3 weeks ago

answers are correct.
Y, Y, N, Y
For #3: No, the provided code snippet does not explicitly specify whether the messages in the changeQueue correspond to new or updated accounts. The code processes changes to CRM entities of the "account" type and adds messages to the changeQueue whenever a new or updated account is detected. However, the snippet itself doesn't include code to differentiate between new and updated accounts in the messages added to the queue.

upvoted 3 times

TOM1000 9 months ago

It's YNYY

upvoted 1 times

TOM1000 9 months ago

actually im wrong it should be NNYY

upvoted 2 times

CYC 1 year, 3 months ago

The first is No because setting DataVersion to null will return all the records.

upvoted 1 times

Coder1 1 year ago

this is not true. Look at the link below
https://learn.microsoft.com/en-us/previous-versions/dynamicscrm-2015/developers-guide/dn932130(v=crm.7)
"Only one entity will be tracked in retrieve changes. If retrieve changes is executed with no version / or token, the server will treat it as the system minimum version, returning all of the records as new. Deleted objects won't be returned."

upvoted 2 times

northstar88 1 year, 5 months ago

shouldn't third one be Yes?
In line 16, the change is validated whether the change is NewOrUpdated. Then in line 21, the changemessage is being added to the changeQueue.

upvoted 3 times

MarioM 1 year, 5 months ago

nope, because it doesn't classify new or updated. Falls into same bucket.

upvoted 3 times

Flatternschuchtern 1 year, 5 months ago

Ur right

upvoted 1 times

Question #14 *Topic 7*

You are creating a Power Automate flow.
You create an Azure Service Bus listener app that receives requests from a third-party application.
When the flow calls the message queue, it must delete the message as soon as it is read.
You need to ensure that the queue is cleared properly.
Which method or class should you use?

A. ReceiveMode

B. BrokeredMessage

C. EventHubReceiver

D. EventHubSender

Correct Answer: *A*
ReceiveMode enumerates the values for the receive mode. The default is PeekLock.
Fields:
PeekLock: Specifies the PeekLock receive mode. This is the default value for ReceiveMode.
ReceiveAndDelete: Specifies the ReceiveAndDelete receive mode.
Note: You can specify two different modes in which Service Bus receives messages.
➾ Receive and delete. In this mode, when Service Bus receives the request from the consumer, it marks the message as being consumed and returns it to the consumer application.
➾ Peek lock.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions https://docs.microsoft.com/en-us/dotnet/api/microsoft.servicebus.messaging.receivemode

Violoncello Highly Voted 1 year, 5 months ago
Answer A makes sense as explained. Generally, a QUEUE (of any type) has 3 functions: 1) Enqueue (to collect a message); 2) Peek (to look at but not remove message from the queue); and 3) Dequeue (or Serve) (to remove a message from the queue).

Having a Mode with options to "PEEK" or "DEQUEUE/SERVE" or something similar should help figure this out.
upvoted 6 times

Frank208 Most Recent 9 months, 3 weeks ago
ChatGPT confirms that Answer A is correct:

If the request is to delete the message as soon as it is read, regardless of whether it is processed successfully or not, then you should use the ReceiveMode property of the QueueClient or SubscriptionClient class to specify the behavior of the message receiver.

The ReceiveMode property can be set to either PeekLock or ReceiveAndDelete. If PeekLock mode is used, the message will be locked for processing when it is read, and the lock will be released when the message is completed, abandoned, or the lock expires. If ReceiveAndDelete mode is used, the message will be deleted from the queue as soon as it is read, regardless of whether it is processed successfully or not.

Therefore, to ensure that the message queue is cleared properly when a message is read, you should use the ReceiveAndDelete mode of the QueueClient or SubscriptionClient class, rather than the BrokeredMessage class as I previously mentioned.

The correct answer is not B. BrokeredMessage, but A. ReceiveMode.
upvoted 1 times

Question #15 *Topic 7*

As part of the month-end financial closing process, a company uses a batch job to copy all orders into a staging database.
The staging database is used to calculate any outstanding amounts owed by clients, and must process all historical data.
You need to ensure that only the data affected during the month is included in the integration process.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Use change tracking on the orders and run the integration to retrieve new orders and the orders that have the total amount changed in the last month.

B. Create a system view with the orders that have the Modified On field in the last month and run the integration on this subset.

C. Use change tracking on the order lines and run the integration every week and retrieve only the order lines that have been created or deleted in the last month.

D. Create a system view with the order lines that have the Modified On field in the last month and run the integration on this subset.

Correct Answer: *CD*
C: The change tracking feature in Microsoft Dataverse provides a way to keep the data synchronized in an efficient manner by detecting what data has changed since the data was initially extracted or last synchronized. Deletions and creations are tracked.
D: On modified Order Lines, not on Modified Orders.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-change-tracking-synchronize-data-external-systems
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/behavior-format-date-time-attribute

Community vote distribution
AD (100%)

Carelele 1 month, 1 week ago
AB, from the lines you can't even access the client
upvoted 1 times

At09 4 months, 3 weeks ago
AB it is
upvoted 1 times

MikeAWS 5 months, 4 weeks ago
My guess AB!
A: This option uses change tracking to track changes that have been made to orders. The integration can then be run to retrieve new orders and orders that have had their total amount changed in the last month. This will ensure that only the data affected during the month is included in the integration process.
B: This option creates a system view with the orders that have been modified in the last month. The integration can then be run on this subset of orders. This will ensure that only the data affected during the month is included in the integration process.
upvoted 2 times

lezzles11 6 months, 2 weeks ago
Selected Answer: AD
Yeah, doesn't say that change tracking is just for 7 days.
https://learn.microsoft.com/en-us/power-apps/developer/data-platform/use-change-tracking-synchronize-data-external-systems
upvoted 2 times

Kline 1 year ago
Order lines. I suppose you could remove and add a new line for the same amount
upvoted 1 times

Flatternschuchtern 1 year, 5 months ago
My guess is AB, can anyone elaborate why do we need lines instead of just looking at totals?
upvoted 4 times

Frank208 9 months, 1 week ago
I am assuming it says that all historical records need to be processed. Order line items may change hence, we need line items in order to capture all historical records.
upvoted 2 times

MarioM 1 year, 5 months ago
change tracking is available for 7 days

upvoted 3 times

justin_s 1 year, 1 month ago

No. There's no such restriction, you can change it by ExpireChangeTrackingInDays.

upvoted 1 times

Question #16 *Topic 7*

A company is creating a one-way integration from Microsoft Dataverse to an external system. Data will be sent from a webhook to an Azure Function.

You need to configure the Azure Function to handle data from the webhook.

Which class and data type must the Azure Function handle?

A. RemoteExecutionContext in .NET binary format

B. RemoteExecutionContext in JSON format

C. RemoteExecutionContext in XML format

D. IPluginExecutionContext in JSON format

E. IPluginExecutionContext in XML format

Correct Answer: *B*

The body will contain string that represents the JSON value of an instance of the RemoteExecutionContext class.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/use-webhooks

Community vote distribution

B (100%)

kvargas90 Highly Voted 1 year, 4 months ago

Selected Answer: B

Correct

upvoted 6 times

Question #17 *Topic 7*

HOTSPOT -

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

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

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

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Box 1: IsOptimisticConcurrencyEnabled

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

Box 2: If-Match: Etag -

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

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/optimistic-concurrency https://docs.microsoft.com/en-us/powerapps/developer/data-platform/webapi/perform-conditional-operations-using-web-api

Net_IT 4 months, 3 weeks ago

1. ChangeTrackingEnabled:track changes to records in the inventory table, including modifications to inventory quantities. By enabling change tracking, you can efficiently check the current inventory status before retrieving the inventory record.
2. If-Match: Etag.If-Match header with the Etag value when making a PATCH request to update the quantity on the inventory record. This ensures that the update is only applied if the inventory record's Etag (entity tag) matches the one you provide in the request header. If the Etag doesn't match, it means that the inventory record has been modified by someone else since you retrieved it, and the update will fail. This helps prevent concurrent updates and ensures data consistency.

upvoted 4 times

Question #18 *Topic 7*

HOTSPOT -

You need to package and deploy a Power Apps code component to an environment.

Which commands 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

Action **Command**

Package

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Connect

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Deploy

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Correct Answer:

Answer Area

Action **Command**

Package

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Connect

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Deploy

pac solution init --publisher-name Contoso --publisher-prefix cto
pac auth create --url https://contoso.crm.dynamics.com
pac pcf push --publisher-prefix
pac solution add-reference --path c:\downloads\mysamplecomponent

Box 1: pac solution init --publisher-name

Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse. pac solution init --publisher-name developer --publisher-prefix de

Box 2: pac auth create -
Connecting to your environment.
Auth commands are used to authenticate to Dataverse.
Creates the authentication profile for your organization by passing the url parameter. Shows AAD dialog if sign in credentials are not specified.
Example: pac auth create --url https://Myorg.crm.dynamics.com
Box 3: pac pcf push --publisher-prefix

Deploying code components -
After you have successfully created an authentication profile, you can start pushing the code components to the Dataverse instance with all the latest changes.
The push capability speeds up the inner-developer cycle development because it bypasses the code component versioning requirements and does not require that you build your solution (cdsproj) to import the code component.
To use the push capability, do the following:
1. Ensure that you have a valid authentication profile created.
2. Navigate to the directory where the sample component file is located.
3. Run the command.
pac pcf push --publisher-prefix <your publisher prefix>
Incorrect:
Commands for working with Dataverse solution projects include:

Parameter init -
Initializes the solution project. It has the following parameters: publisher-name: Publisher name of the organization. publisher-prefix: Publisher prefix of the organization.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/component-framework/import-custom-controls

At09 4 months, 3 weeks ago
Solution Init
Auth
Push Publisher
upvoted 1 times

justin_s 1 year, 1 month ago
About package, IMO, it is pac solution add-reference.
pac solution init -> create a empty project and it does not contain any pcf component yet.
pac solution add-reference -> add the pac component to the project, means Package, I think...
upvoted 4 times

Net_IT 6 months, 2 weeks ago
The answer given by exam topics for the first question is correct.
Read https://learn.microsoft.com/en-us/power-apps/developer/component-framework/import-custom-controls
upvoted 1 times

uberlord 6 months ago
wrong, your link says that creates the solution, they still then have to add the reference, no where does the question say that you have to create a solution as well.
add ref for the first answer
upvoted 1 times

RexinCP 1 year, 2 months ago
Correct
upvoted 3 times

Question #19 *Topic 7*

You are creating an integration between Microsoft Dataverse and an external system.

Messages from Dataverse must be sent to Microsoft Azure Service Bus. An Azure Function will process the messages. Events must be published directly to the ServiceEndpoint for Azure Service Bus.

You need to create code for the messages.

Which class should you use?

A. RemoteExecutionContext

B. IWorkflowContext

C. IPluginExecutionContext

D. IExecutionContext

Correct Answer: *A*

MsSana 5 months, 1 week ago
Correct
upvoted 2 times

MsSana 5 months, 1 week ago
RemoteExecutionContext : contextual information sent to a remote service endpoint at run-time.
upvoted 1 times

Kline 1 year ago
Correct
https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.remoteexecutioncontext?view=dataverse-sdk-latest
upvoted 2 times

Question #20 *Topic 7*

You are developing a Power Platform solution. The solution connects to a third-party accounting system by using a Web API through a Power Apps app that automatically exchanges contacts with the sales data.

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

```
01 GET https://contoso.crm.dynamics.com/api/data/v9.1/accounts?$select=name,accountnumber,telephone1 &$top=5 HTTP/1.1
02
03 Cache-Control: no-cache
04 OData-Version: 4.0
05 Content-Type: application/json
```

You need to ensure that the code only synchronizes data that was not previously synchronized.

Which code segment should you insert at line 02?

A. Prefer: odata.track-changes

B. Prefer: odata.allow-entityreferences

C. Prefer: odata.include-annotations

Correct Answer: *A*

Community vote distribution

A (100%)

francesco0928 4 months, 3 weeks ago

in exam 10/03/23

upvoted 2 times

NyarukouSAMA 5 months ago

Selected Answer: A

We need changes, so it should be odata.track-changes

upvoted 1 times

Question #21 *Topic 7*

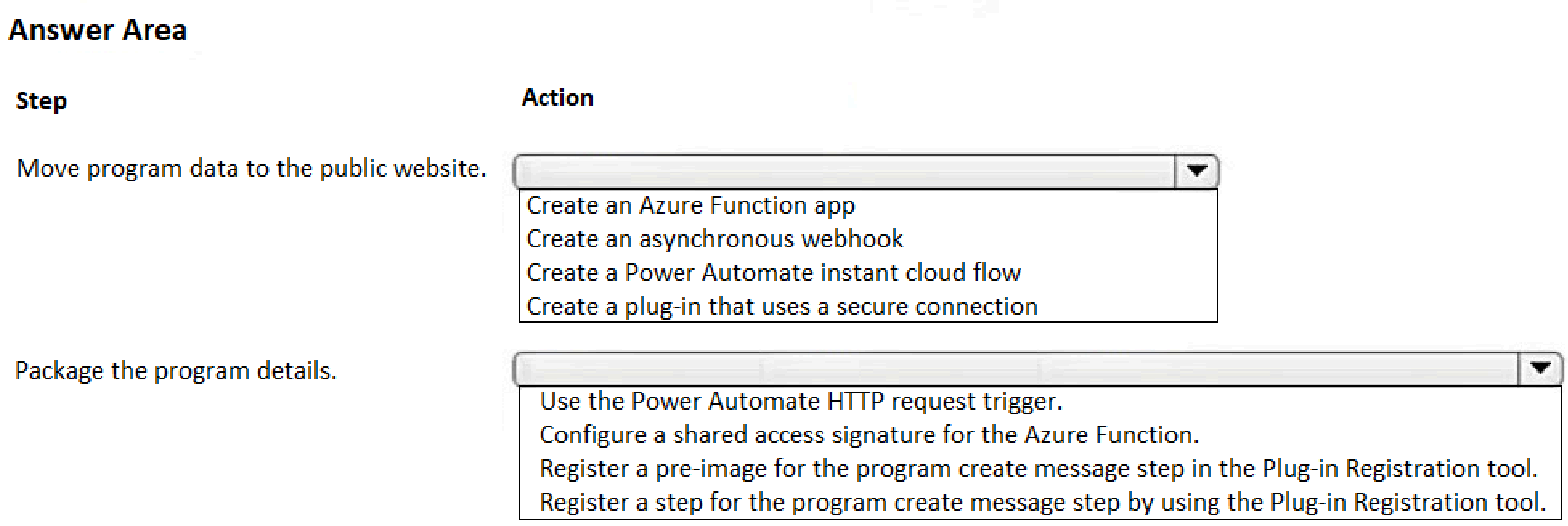
A company uses a custom Power Platform app to create and manage programs. The company has a public website that uses TLS 1.0.

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

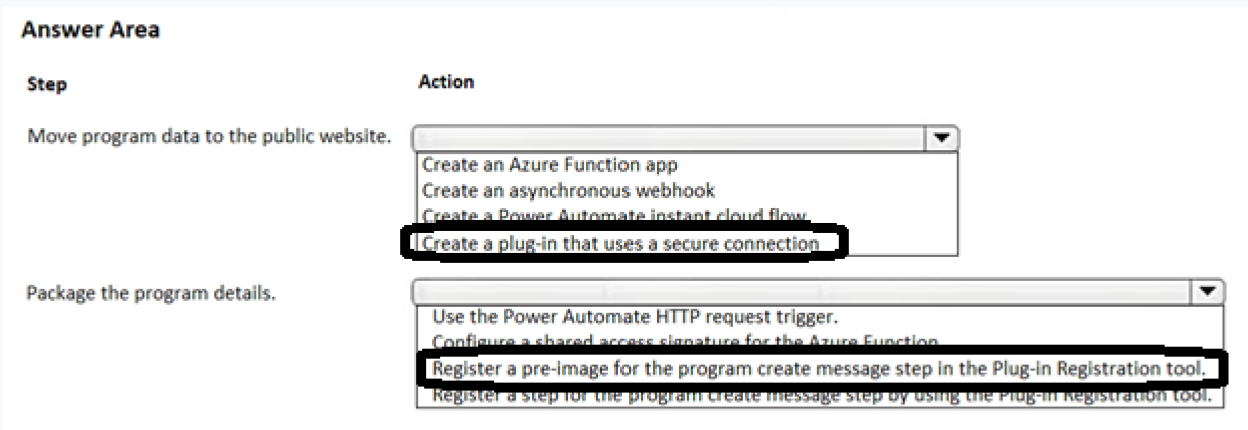
You need to automate the transfer of data to the public website.

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

NOTE: Each correct selection is worth one point.



Correct Answer:



Alduzz1985 Highly Voted 9 months ago
I think PreImage isn't available for Create Messages. I think should be "Register a step "
upvoted 9 times

nwmc 6 months, 2 weeks ago
I agree. preimage isn't available for Create message. https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in
upvoted 1 times

At09 Most Recent 4 months, 3 weeks ago
Power Automate for both
upvoted 1 times

A_A_C 2 months, 1 week ago
I don't think you can bypass TLS 1.0 issue with Power Automate
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
why not use Power Automate?
upvoted 4 times

NyarukouSAMA 5 months ago
I agree, but the option for the PA in the second question does not seams good to me. The only variant here is suitable for both answers (making a synergy is a plugin + step).
As for me - I think the best variant is to use Azure Function + WebHook + AsyncStep - but there are no such options except the first one.
Therefore:
Plugin + Step
upvoted 1 times

A_A_C 2 months, 1 week ago

I don't think you can bypass TLS 1.0 issue with Power Automate

upvoted 1 times

Question #22

Topic 7

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

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

Explicit user credentials must not be required to write survey data to Dataverse.

You need to implement authentication.

Which authentication mechanism should you implement?

A. Claims based

B. Microsoft 365

C. Azure guest account

D. Client secret

Correct Answer: *C*

Community vote distribution

D (100%)

NNNT 3 months, 3 weeks ago

D is the correct answer
The client secret is typically used for server-to-server communication and can provide the necessary authentication and authorization without involving explicit user credentials.

upvoted 1 times

HiJaak 5 months ago

Selected Answer: D

I guess is Client Secret

upvoted 2 times

NyarukouSAMA 5 months ago

Agree - it is said explicit user credentials must not be required. The only way to provide it here is to sync on the s-to-s level (on the backend) using client secret for the Dataverse app client.

upvoted 1 times

mmamfgm 5 months, 3 weeks ago

A guest account is also a explicit credential in my opinion? So it can't be the solution.

upvoted 1 times

SuperRaj 8 months, 2 weeks ago

To me Client Secret looks correct

upvoted 3 times

Alduzz1985 9 months ago

Selected Answer: D

I think is client secret the correct answer

upvoted 2 times

chiari_do 9 months, 1 week ago

i think is client secret, becouse of no explicit credentials

upvoted 4 times

Question #23 *Topic 7*

A company has a model-driven app that uses Microsoft Dataverse.

The company requires a web application that retrieves information from the model-driven app. The requirements for the web application include:

• Must be a single-page web application that uses the Web API.
• Must display the correct company information.
• Must authenticate using OAuth without additional verification.

You need to configure the web application.

Which two methods should you use?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. NTLM authentication

B. Kerberos Authentication

C. Microsoft Azure Active Directory Authentication Libraries (ADAL)

D. Microsoft Authentication Library (MSAL)

E. multifactor authentication

Correct Answer: *CD*

Zahida 3 months, 3 weeks ago
ADAL has been decommissioned as of June 2023
upvoted 2 times

stalee 7 months, 2 weeks ago
Looks correct to me.
upvoted 4 times

Question #24 *Topic 7*

DRAG DROP

-

Case study

-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background

-

Northwind Traders uses Microsoft Dynamics 365 Sales to manage its sales process. To better understand its customers, Northwind Traders invests in a team of researchers who gather data from multiple sources. The company stores the data it collects in a Microsoft Azure SQL Database. The company plans to use the data to enrich account records and make the sales team more effective.

Current environment

-

Environment

-

• The company has three Microsoft Power Platform environments with Dynamics 365 Sales installed. The environments are named development, test, and production.
• Each environment has an application user that can be used for integrations.
• The company must use solutions to perform all customization and configuration deployment.

Data

-

• Researchers are responsible for creating account records.
• Researchers have permissions on the Account table to create records, read all records, and update records they own.
• A synchronous plug-in runs when an account record is created and could reassign the record to a different user.
• Users must access data as themselves to enforce security and audit changes.

• A column named new_dataid is added to the Account table. The column uniquely identifies which data it should receive.
• Researchers have researched only the top 20 percent of account records.

Web API

-

• The company creates an Azure Function to run a RESTful .NET Web API.
• Data can be retrieved by placing a GET request to the URL https://dataservice-[ENVIRONMENTNAME].azurewebsites.net/enrich/[DATAID].
• [ENVIRONMENTNAME] is the name of the Microsoft Power Platform environment that requests the data.
• [DATAID] is the new_dataid column in the Account table.
• The Web API response will return a 200 response plus data if the DataId is found. Otherwise, a 404 response is returned.
• Developers plan to create a custom connector from the Web API to make it accessible from Microsoft Power Platform.

Requirements

-

Custom connector

-

• The Web API definition used to create the custom connector must be generated based on a low-code technology.
• The URL used by the custom connector must incorporate the current environment name without hardcoding values.
• Errors generated by the custom connector must not cause downstream processes to fail.
• Text descriptions and field placeholder text that describe the use of the custom connector must appear for non-developers.

Process

-

• All account records must be updated with data from the Web API once automatically.
• Only account records that contain a DataId should be updated by the Web API.
• Researchers must create Power Automate flows to specify data analysis priority.
• The researchers require a process that repurposes a set of identical steps of parameterized Microsoft Dataverse queries from a Power Automate flow for use in other flows that have different parameters. The researchers want to avoid recreating the steps manually each time they create a flow to save time and avoid errors.

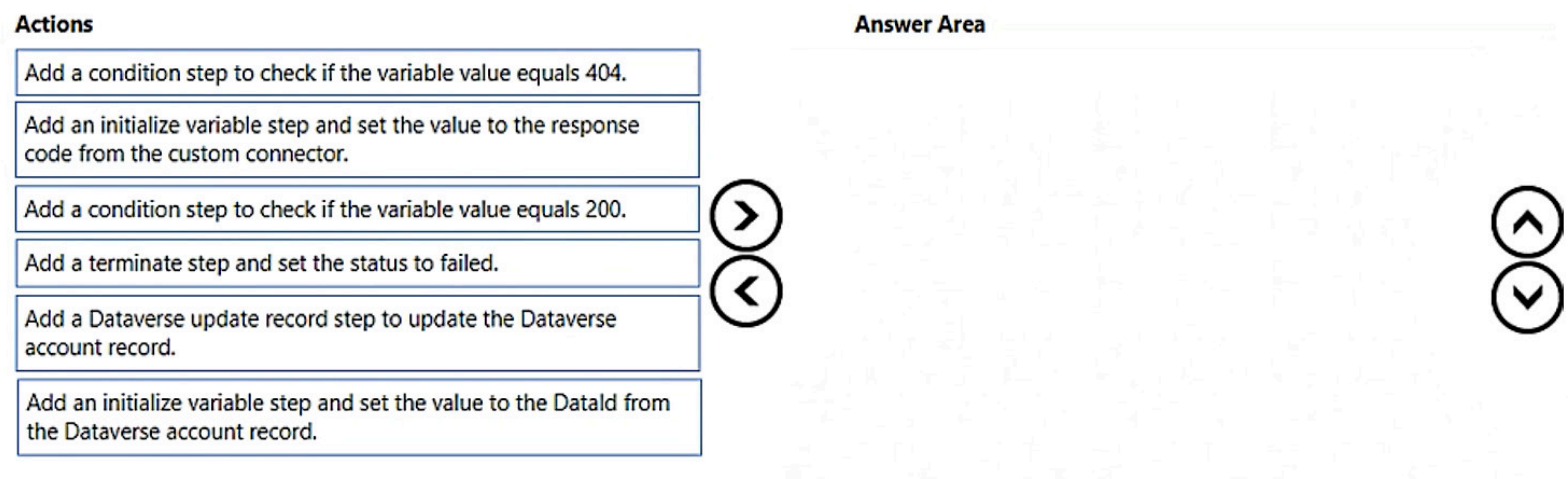
Issues

-

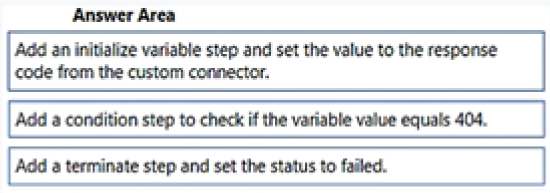
• A tester attempts to connect to the production instance of the Web API with a DataId that should return data. The tester receives an error stating that the remote name could not be resolved.
• A missing component causes an error to occur when importing the solution that contains the Power Automate flow to update account records in a test environment.

You need to configure a Power Automate flow to update account records by using the response from the Web API.

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.



Correct Answer:



Panda01 2 weeks, 3 days ago

Its asking to configure the flow to update the account record, so
1) Add an initialise variable step and set the value to the response code from the custom connector
2) Add a condition step to check if the variable value equals 200
3) Add a dataverse update record step to update the Dataverse account record

upvoted 2 times

Bubala 1 month, 2 weeks ago

1. Check if response code is 200
2. Terminate if check fails
3. Add action to update Dataverse

upvoted 2 times

Question #25 *Topic 7*

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

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

Explicit user credentials must not be required to write survey data to Dataverse.

You need to implement authentication.

Which authentication mechanism should you implement?

A. Azure AD Conditional Access

B. Azure guest account

C. X.509 certificate

D. OAuth 2.0

Correct Answer: *B*

Community vote distribution

D (75%) A (25%)

NNNT 3 months, 1 week ago

D is the Answer

upvoted 2 times

smwadi 4 months ago

Selected Answer: D

I think it should be D

upvoted 3 times

At09 4 months, 3 weeks ago

Answer is
D

upvoted 3 times

HasanAamir11 5 months ago

Selected Answer: A

A is correct.

upvoted 1 times

Question #26 *Topic 7*

HOTSPOT

-

You develop the following code as part of a plug-in that handles the Create message of the Account table.

```
Entity target = context.InputParameters["Target"] as Entity;

string accountNumber = target.GetAttributeValue<string>("accountnumber");

if (string.IsNullOrEmpty(accountNumber))
{
        return;
}

QueryByAttribute accountsQuery = new QueryByAttribute("account")
{
        ColumnSet = new ColumnSet(false),
        TopCount = 1
};
accountsQuery.AddAttributeValue("accountnumber", accountNumber);
accountsQuery.AddAttributeValue("statecode", 0);

Entity[] existingAccounts = service.RetrieveMultiple(accountsQuery).Entities.ToArray();

if (existingAccounts.Length == 0)
{
        return;
}

throw new InvalidPluginExecutionException($"Record with Account Number '${accountNumber}' exists in the system");
```

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

NOTE: Each correct selection is worth one point.

Answer Area

Statement	**Yes**	**No**
The code performs the validation for any value of the account number.		
The code checks only active accounts available in the system.		
The code generates an exception that contains information about the number of existing duplicated records.		

Correct Answer:

Answer Area

Statement	**Yes**	**No**
The code performs the validation for any value of the account number.		
The code checks only active accounts available in the system.		
The code generates an exception that contains information about the number of existing duplicated records.		

CiscoWAU 3 months ago

Correct. Agree.

upvoted 3 times

Question #27 *Topic 7*

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

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

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Throw an InvalidPluginExecutionException with the message.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Community vote distribution

A (100%)

Jorgegf97 2 months ago

Selected Answer: A

Correct answer is A

upvoted 1 times

NNNT 2 months, 3 weeks ago

The Correct Answer Should be A. Yes

To achieve the goal of displaying a user-friendly message on the form when validation fails, you should consider using the OrganizationServiceContext.ThrowInvalidPluginException method with a custom error message.

upvoted 1 times

Question #28 *Topic 7*

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

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

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Include the message in the output parameters of the plug-in.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *A*

Community vote distribution

B (100%)

haoest 4 days, 13 hours ago

Selected Answer: B

OutputParameter is the output of the CDS operation, not output to the form. Besides OutputParameter is only available to plugins registered to PostOperation step.

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/understand-the-data-context

upvoted 1 times

Question #29 *Topic 7*

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

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

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Use the tracing service to log the message.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

Question #30 *Topic 7*

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

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

A company requires custom validation when users save form records that use a synchronous plug-in.

If validation fails, a message that explains how to resolve the issue must be displayed on the form to the user.

You need to implement the custom validation.

Solution: Throw a custom exception with the message.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: *B*

NNNT 2 months, 3 weeks ago
The Correct Answer Should be A. Yes
To achieve the goal of displaying a user-friendly message on the form when validation fails, you should consider using the OrganizationServiceContext.ThrowInvalidPluginException method with a custom error message.
upvoted 3 times

PY12396 3 weeks ago
I think the original answer is correct, because we need a custom message not a custom exception
upvoted 1 times

Question #31 *Topic 7*

You develop code that will perform an update to existing records in a table.

The update must occur based on the alternate key configured for the table.

You need to perform the update.

Which two requests should you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. UpdateRequest

B. UpsertRequest

C. CreateRequest

D. RetrieveRequest

Correct Answer: *AB*

TylerPet99 3 days, 6 hours ago

The correct answer is UpdateRequest & UpgradeRequest.

upvoted 1 times

Topic 8 - Question Set 8

Question #1 *Topic 8*

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

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

A university implements Dynamics 365 Sales. Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records.

Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.

You need to ensure that employees from more than one department can work on the same opportunities when necessary.

Solution: Share the individual opportunity that members 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

Correct Answer: *B*

Instead: Use position hierarchy security and define the two departments as positions.

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

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

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

Reference:

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

Community vote distribution

A (70%) B (30%)

DimpleG Highly Voted 1 year, 1 month ago

Selected Answer: A

By sharing the individual opportunity with members of the second department and giving them the appropriate permissions, employees from multiple departments will be able to work together on the same opportunity when necessary, which meets the goal.

upvoted 7 times

haoest 4 days, 13 hours ago

By sharing the opportunity with the second department, everyone in the second department will be able to see it, which is too much.

upvoted 1 times

Kline 1 year ago

Agree with this

upvoted 1 times

BolDeFruits Highly Voted 11 months, 1 week ago

question asks does this meet the goal? yes , but obviously it aint the best way to do it

upvoted 6 times

mmamfgm 5 months, 3 weeks ago

Yes that's what I think too

upvoted 1 times

ziggy1117 Most Recent 6 months, 4 weeks ago

Selected Answer: B

Answer is NO. Because the requirement is for different departments to see ALL opportunities. Sharing an individual opportunity will only share that one opportunity

upvoted 3 times

Question #2 *Topic 8*

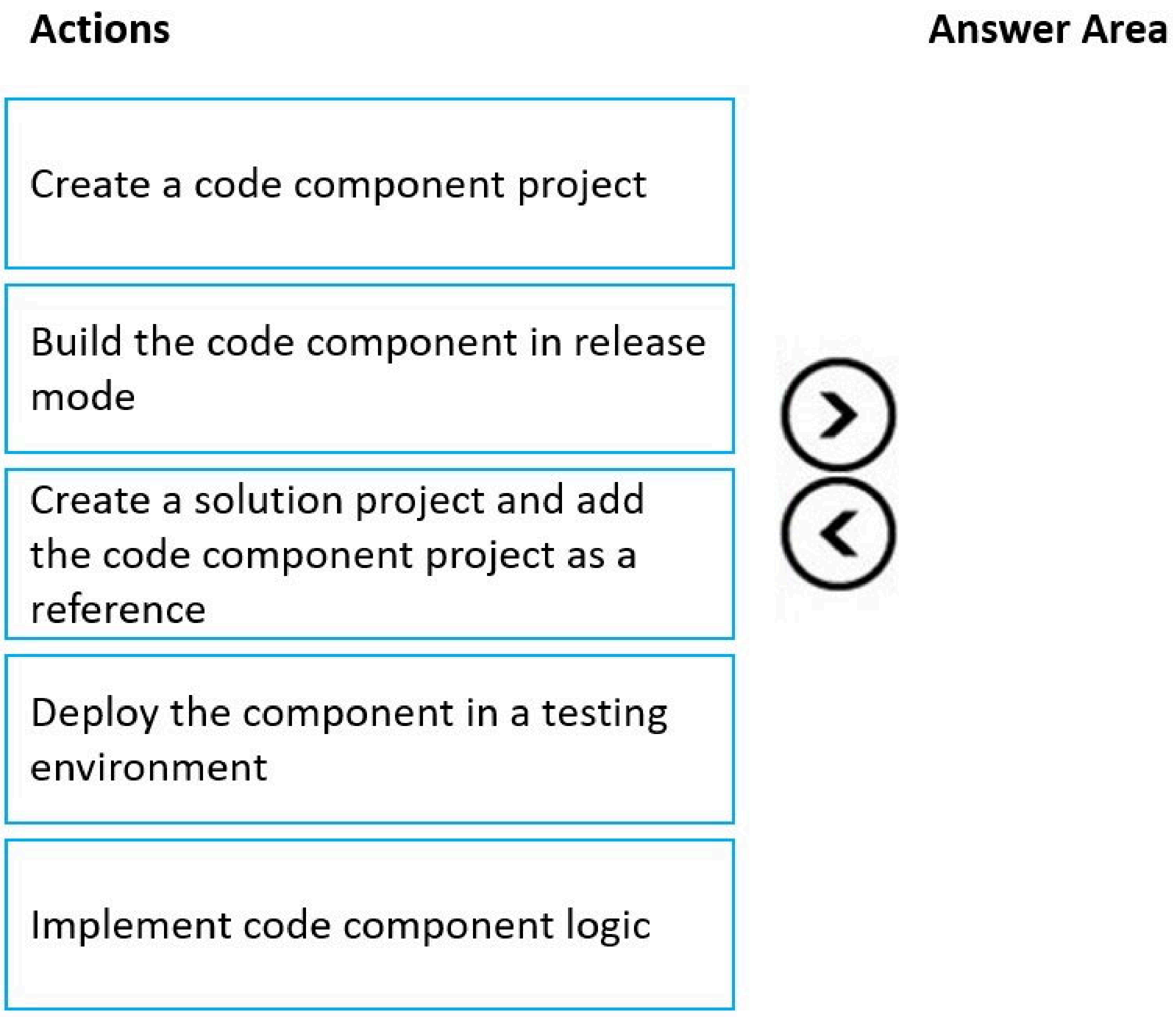
DRAG DROP -

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

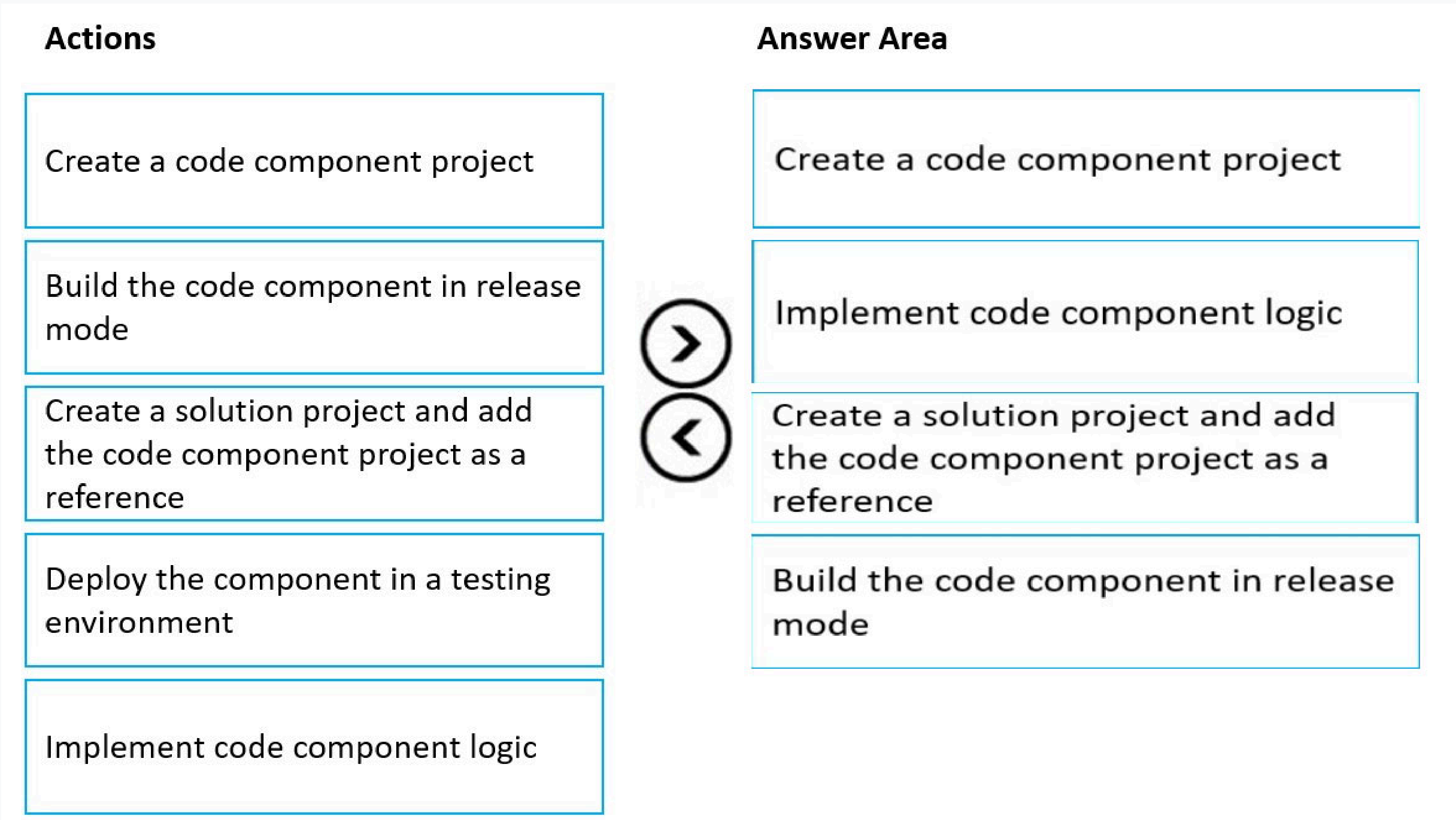
You must follow Microsoft's application lifecycle management (ALM) process for code components.

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

Select and Place:



Correct Answer:



Development and debugging ALM considerations

When developing code components, you would follow the steps below:

1. Create code component project (pcfproj) from a template using pac pcf init.
2. Implement code component logic.
3. Debug the code component using the local test harness.
4. Create a solution project (cdsproj) and add the code component project as a reference.
5. Build the code component in release mode for distribution and deployment.

Reference:
https://docs.microsoft.com/en-us/power-apps/developer/component-framework/code-components-alm#building-pcfproj-code-component-projects

nnmladouce Highly Voted 1 year, 5 months ago

correct
https://learn.microsoft.com/en-us/power-apps/developer/component-framework/code-components-alm

upvoted 8 times

Question #3 *Topic 8*

DRAG DROP -

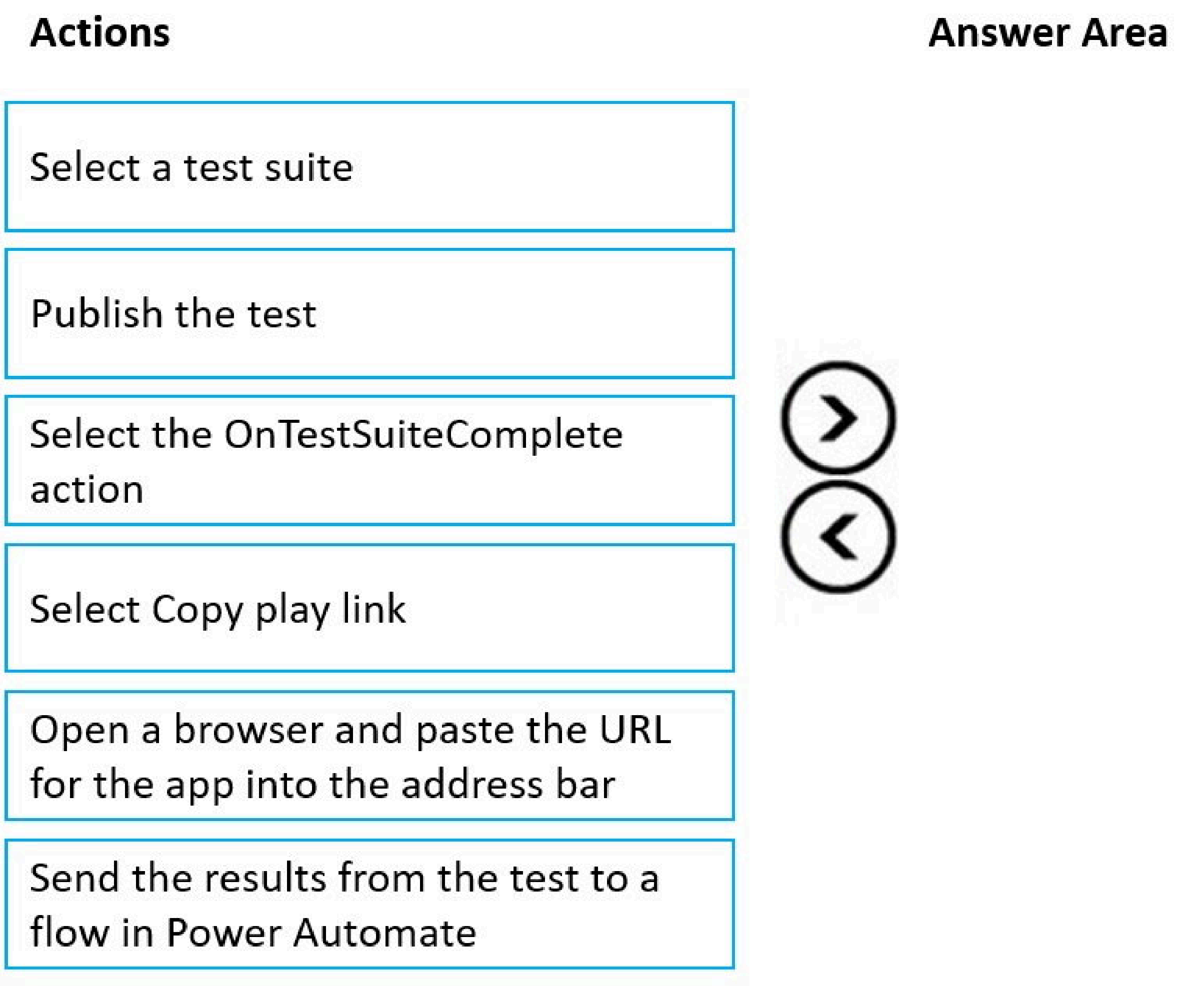
You create a new canvas app.

You update a test case and must test the app in a separate browser.

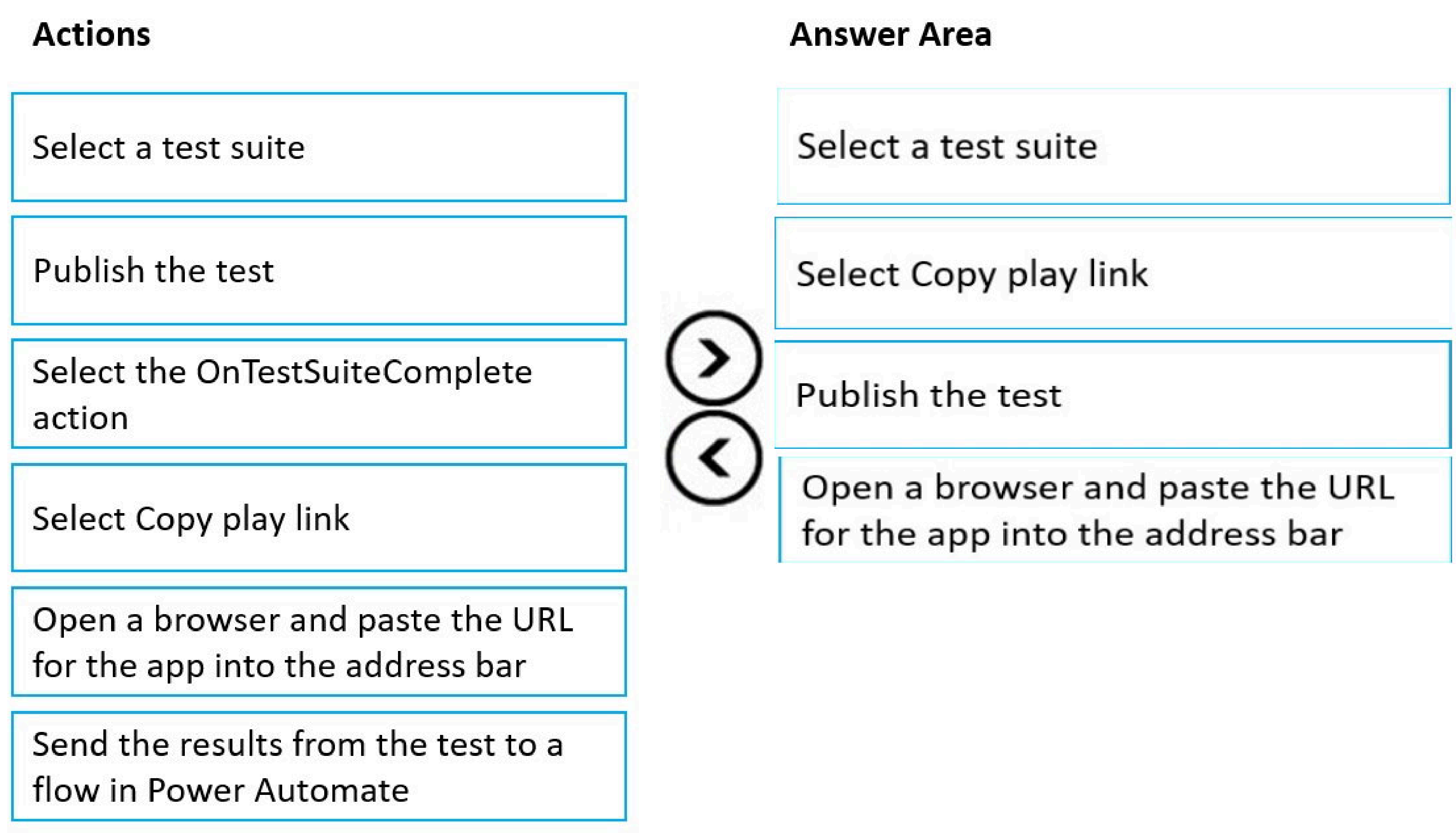
You need to test the app by using Test Studio.

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:



Correct Answer:



Step 1: Select a test suite -

Step 2: Select Copy play link -

Playing tests in a browser -

You can copy a link to play a test in separate browser outside Test Studio. It helps integrate your tests in a continuous build and release pipeline such as Azure

DevOps.
The play link for the selected test is persisted. It doesn't change for the test suite or test case. You can update your tests without the need to modify build and release processes.
To play tests in your browser:
1. Select a test suite or test case in the right pane.
2. Select Copy play link.
3. You're prompted to publish your tests if there are any unpublished changes.
4. You can select to skip the publish process and copy the play link. New test changes don't play if you skip.
5. Open a browser and paste the URL into the address bar to play the test.
6. View your test playing back.

Step 3: Publish the test -
Step 4: Open a browser and paste the URL for the app inte the address bar
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-test-studio

MarioM Highly Voted 1 year, 5 months ago
select test suite;
publish test;
copy link;
open new browser tab, paste link.
upvoted 18 times

Carelele 1 month, 1 week ago
Correct "If you skip publishing, the recording playback will not contain your recent test changes. The last published test case or suite will play against the app."
upvoted 1 times

BEK2020 Most Recent 4 months, 2 weeks ago
The answer is correct.
upvoted 1 times

ziggy1117 6 months, 4 weeks ago
answer is correct: https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-test-studio
upvoted 4 times

RexinCP 1 year, 2 months ago
I think 'Publish Test' and 'Copy Link' can be in any order.
upvoted 3 times

HiJaak 5 months ago
No, you have first "Publish Test" then play the test. If you want to play it into another browser, you'll use "Copy Link".
So order given by MarioM is the correct one:
select test suite;
publish test;
copy link;
open new browser tab, paste link.
upvoted 2 times

ziggy1117 6 months, 3 weeks ago
when you click copy link, the publish test will come out
upvoted 1 times

kvargas90 1 year, 4 months ago
Given answer is correct
upvoted 2 times

Hiema87 1 year, 1 month ago
https://learn.microsoft.com/en-us/power-apps/maker/canvas-apps/working-with-test-studio
upvoted 1 times

Question #4 *Topic 8*

HOTSPOT -

You create a Power Apps component framework component.

You need to test the component.

Which option 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

Action	Option
Debug the component in Microsoft Edge	F12 and select component F7 and select Turn on F1 and select topic F11
Display all the properties and their types or type-groups as defined in the manifest file	Data Inputs Context Inputs Outputs npm start
Test the code component by using multiple form factors	Context Inputs Outputs Data Inputs Code component

Correct Answer:

Answer Area

Action	Option
Debug the component in Microsoft Edge	**F12 and select component** F7 and select Turn on F1 and select topic F11
Display all the properties and their types or type-groups as defined in the manifest file	**Data Inputs** Context Inputs Outputs npm start
Test the code component by using multiple form factors	**Context Inputs** Outputs Data Inputs Code component

Box 1: F12 and select component -

Using browser developer tools to debug your code component

Modern browsers have a built-in set of developer tools that allow you to inspect the HTML, CSS, and JavaScript loaded on the current page. You can access these developer tools using the keyboard shortcut Ctrl+Shift+I. Using the F12 key is also a common keyboard shortcut to open the developer tools.

Box 2: Data Inputs -

Data Inputs is an interactive UI that displays all the properties and their types or type-groups defined in the manifest file. The contents of this area are dependent on the properties and datasets defined in the ControlManifest.Input.xml and allows providing mock data for test purposes.

Box 3: Context Inputs -
Context Inputs is shown for all code component types:
* Form Factor: Provides a way to specify the form factor and test the code component with each form factor (web, tablet, phone). This is helpful when the code component changes its layout depending on where the component is loaded. You can detect the form factor in the code using context.client.getFormFactor().
* etc.
Reference:
https://docs.microsoft.com/en-us/power-apps/developer/component-framework/debugging-custom-controls
Power Apps debug component in Microsoft Edge

stalee Highly Voted 7 months, 2 weeks ago
Given answers are correct.

https://learn.microsoft.com/en-us/power-apps/developer/component-framework/debugging-custom-controls
upvoted 7 times

MikeAWS 5 months, 3 weeks ago
no they are not!
upvoted 1 times

BEK2020 4 months ago
So what is the answer?
upvoted 1 times

Pallavik_22 5 months, 3 weeks ago
Which answers are correct
upvoted 1 times

At09 Most Recent 4 months, 3 weeks ago
Context Input, Code Component
upvoted 3 times

MarkR27 10 months ago
Answers correct
upvoted 3 times

MikeAWS 5 months, 3 weeks ago
no they are not!
upvoted 1 times

Kline 1 year ago
Are 2 & 3 the wrong way round?
upvoted 3 times

Question #5 *Topic 8*

You are implementing business logic for a model-driven app form by using multiple JavaScript web resources.
The business logic, number of JavaScript files, and the columns that the business logic requires are expected to change frequently. Some form fields will not be visible. Occasionally, non-developers will also make changes to the form.
You need to prevent columns referenced by the JavaScript from accidentally being removed from the form based.
What should you do?

A. Hide columns that should not be displayed.

B. Set all columns as business required.

C. Add all columns as non-event dependencies to the form.

D. Add columns in each JavaScript file as a dependency.

Correct Answer: *D*
Column dependencies -
Starting with model-driven apps, if your JavaScript web resource depends on a table column value that you don't want to display in the form, you can set the column as a dependency for the JavaScript web resource. This means that the column will be available within the client API columns collection so you can get or set the value in your code. When you add a dependency this way, the controls collection of the column will be empty because there will be no control on the form.
Before this feature you would need to manually add the column to the form and then configure the control to be hidden. Now you can establish this dependency more directly and eliminate the possibility that someone will remove the hidden column from the form.
Incorrect:
Not A: Hiding form elements is not a recommended way to enforce security. There are several ways people can view all the elements and data in the form when elements are hidden.
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/model-driven-apps/visibility-options-legacy

Community vote distribution
D (85%) C (15%)

DimpleG Highly Voted 1 year ago
Selected Answer: D
By adding the columns that each JavaScript file references as dependencies, you can ensure that the columns required by the business logic will not be accidentally removed from the form. This will provide visibility into which columns are being used by the business logic, and make it easier to identify and update any dependencies if changes are made to the form or the JavaScript files. Additionally, you can use the dependency information to automate the process of adding or removing columns as needed.
upvoted 5 times

CRMBug Most Recent 1 year, 3 months ago
Selected Answer: D
Correct
upvoted 3 times

kvargas90 1 year, 4 months ago
Selected Answer: D
Correct
upvoted 3 times

MarioM 1 year, 5 months ago
Selected Answer: C
Add all columns as non-event dependencies to the form.
upvoted 2 times

MarioM 1 year, 5 months ago
Ignore. Answer is correct.
Starting with Dynamics 365 for Customer Engagement apps version 9.0, if your JavaScript web resource depends on an entity attribute value that you don't want to display in the form, you can set the attribute as a dependency for the JavaScript web resource. This means that the attribute will be available within the client API attributes collection so you can get or set the value in your code. When you add a dependency this way, the controls collection of the attribute will be empty because there will be no control on the form.

Before this feature you would need to manually add the attribute to the form and then configure the control to be hidden. Now you can establish this dependency more directly and eliminate the possibility that someone will remove the hidden field from the form.
upvoted 1 times

Question #6 *Topic 8*

You are creating a model-driven app for Contoso, Ltd. You add a button to the account page. The button must send a text message to the company's account team when a user selects the button.
The account team reports that they are not receiving messages when users select the button. You are troubleshooting the app by using the following hyperlink: https://contoso.com.dynamics.com/main.aspx?appid=3b157789-5e5b-ec11-8f8f-002248087922&ribbondebug=true
What is the purpose of the hyperlink?

A. Run Command Checker for all buttons on the page.

B. Add the Power Apps Checker button to the page.

C. Run Power Apps Checker for all buttons on the page.

D. Add the Command Checker button to the page.

Correct Answer: *D*
To enable Command Checker, pass ribbondebug=true as a URL parameter (ex: https://myorg.crm.dynamics.com/main.aspx?appid=c26d1c44-e7c0-4c72-9d6d-0e82768cb5bd&ribbondebug=true). You'll see two new UI features light up. The first is a new button in the top right of the header which lets you inspect the global command bar

Next, each command bar contains a new ג€Command checkerג€ button. Note that this shows up at the end of the ribbon, so you may have to click the overflow flyout.

Reference:
https://powerapps.microsoft.com/en-us/blog/introducing-command-checker-for-model-app-ribbons/

Community vote distribution
D (100%)

BeginLearningforPP Highly Voted 1 year, 5 months ago
Selected Answer: D
Correct
upvoted 5 times

Question #7 *Topic 8*

A company uses Microsoft Dataverse rollup fields to calculate insurance exposure and risk profiles for customers.
Users report that the system does not update values for the rollup fields when new insurance policies are written.
You need to recalculate the value of the rollup fields immediately after a policy is created.
What should you do?

A. Create new calculated fields on the customer entity for insurance exposure and risk. Create a formula to calculate the sum of values from policy records.

B. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.

C. Create a plug-in that uses the update method for the rollup fields. Configure a step on the Create event for the policy entity for this plug-in.

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Correct Answer: *D*
Retrieve a calculated rollup column value immediately
Rollup columns support a CalculateRollupField message that developers can use to calculate a rollup column value on demand. The request and response, along with the members, are shown in the following table.

Request/Response	Members
CalculateRollupFieldRequest	`Target`: EntityReference for the record. `FieldName`: String representing the logical name of the column.
CalculateRollupFieldResponse	`Entity`: Entity containing the rollup column and the supporting *<attribute SchemaName>*`_Date` and *<attribute SchemaName>*`_State` columns.

This message is a synchronous operation for just the column identified in the request. If the value of that record is included as part of other rollup columns, the values of those columns won't take the possible value change caused by calling this method into consideration until the regularly scheduled asynchronous jobs that perform those calculations occur.

IN4Dev 2 weeks, 4 days ago
I think C
upvoted 1 times

Question #8 *Topic 8*

You are developing a Power Platform app.
The app must implement a two-way listener to an on-premises system by using Microsoft Azure Service Bus. You create an Azure Service Bus namespace and messaging entity. You must add the shared access policies.
You need to select the permissions for the messaging entity.
Which two permissions should you use? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. System customizer

B. Listen

C. Read

D. Send

E. Manage

Correct Answer: *BD*
The messaging entity must have the Send policy permission at a minimum. For a two-way relay, the policy must also have the Listen permission.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/walkthrough-configure-azure-sas-integration

Question #9 *Topic 8*

DRAG DROP -

You are creating a model-driven app for a company. Sales team members will use the app to manage leads. The app will interact with the Microsoft Dataverse
Leads table.

You must configure the app to meet the following requirements:

1. If the estimated value for a lead is greater than $10,000 the app must:
- Send an email to a manager.
- Display a field named Sponsor on the lead form.
2. If the estimated value for a lead is greater than $100,000 the app must:
- Send an email to the company's vice president.
- Display the following message as a notification while the lead record is open: High value customer, handle with care.

You need to configure the app. The solution must minimize the use of code.

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	Requirement	Option
Business rule	Send required emails	
Power Automate flow	Display the Sponsor field	
Onload script	Display the notification	

Correct Answer:

Options	Requirement	Option
Business rule	Send required emails	Power Automate flow
Power Automate flow	Display the Sponsor field	Business rule
Onload script	Display the notification	Onload script

Box 1: Power Automate flow -

Here are the top how-to scenarios for email in Microsoft Power Automate, with examples of how to achieve them.

1. Send a beautifully formatted email.
2. Add an image to your email.
3. Send email to a distribution list.
4. Send automatic replies from a shared mailbox.
5. Change the date and time format of an email.

Box 2: Business rule -

Business Rules in PowerApps -

Set values of a field.

Clear values of a field.

Set field requirement levels.

Show or hide fields.

Enable or disable fields.

Validate data and show error messages.

Create business recommendations based on business intelligence.

Box 3: Onload script -

Display the following message as a notification while the lead record is open: High value customer, handle with care.

Reference:

https://docs.microsoft.com/en-us/power-automate/email-customization https://imperiumdynamics.com/blog/business-rules-in-powerapps.html

CRMBug Highly Voted 1 year, 3 months ago

Correct

upvoted 10 times

Says Most Recent 1 month, 1 week ago

correct

upvoted 1 times

Question #10 *Topic 8*

HOTSPOT -

Contoso, Ltd. has a database that stores proprietary stock market information that the company has accumulated over many years.

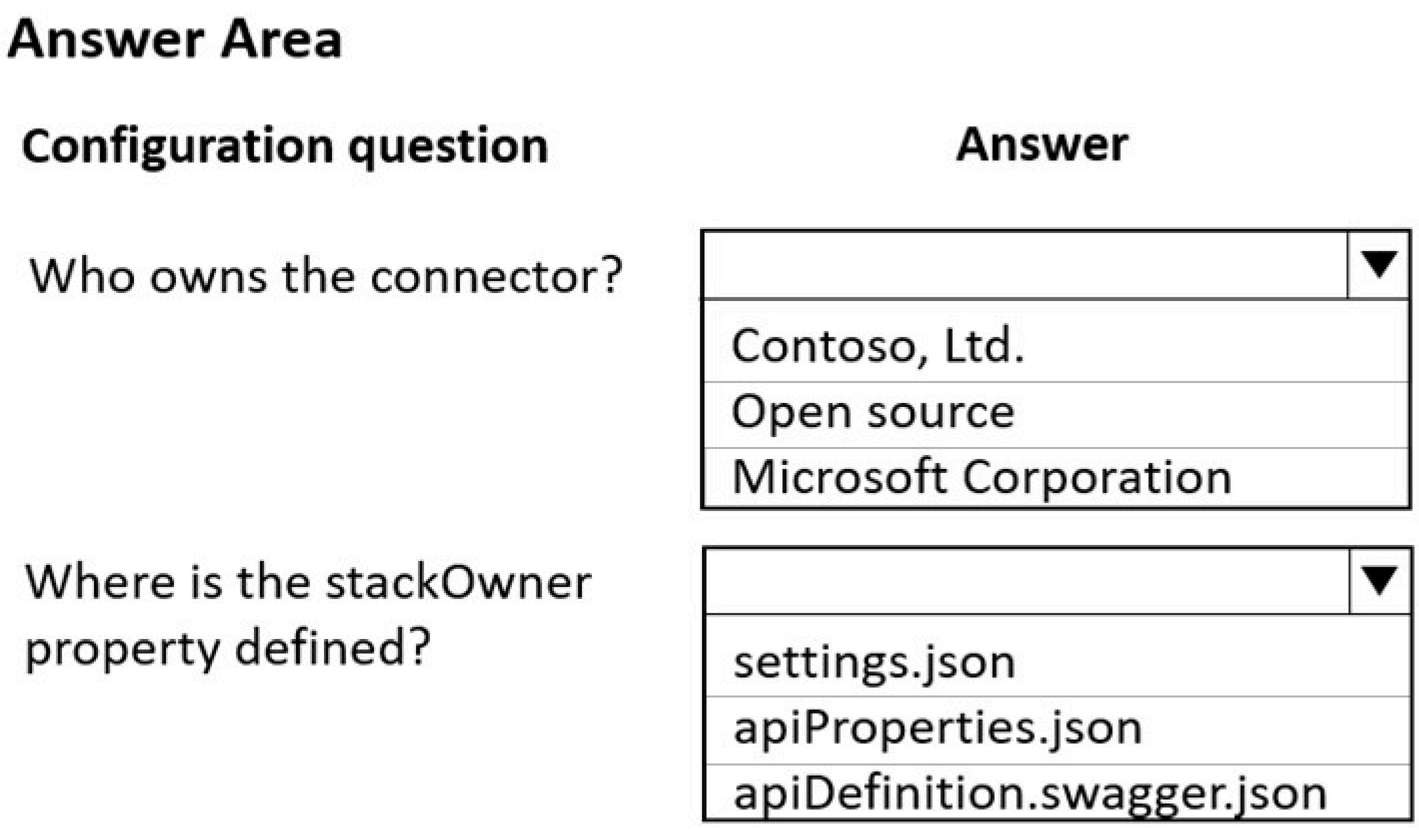
You create a RESTful service for the company that exposes specific information about stocks. You must make the service available to the company's brokers. The service must be certified by Microsoft.

You need to create a custom connector for the service APIs.

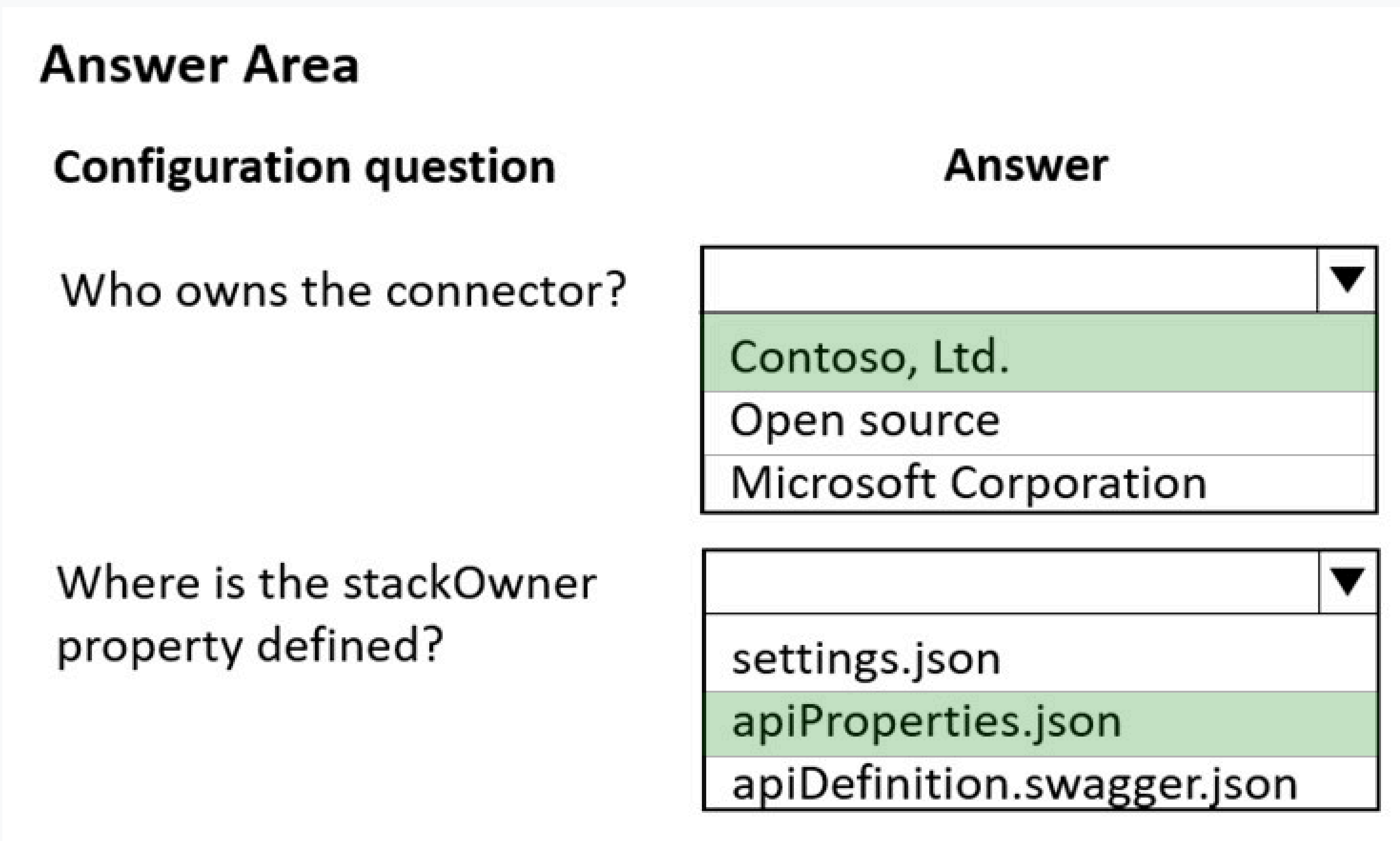
How should you configure the connector? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1:Contoso, Ltd.

publisher and stackOwner properties

"publisher" is the name of your company or organization. Provide the full company name (for example, "Contoso Corporation"). This must be in alphanumeric format.

"stackOwner" is the owning company or organization of the back-end service stack that the connector is connecting to. This must be in alphanumeric format

Box 2: apiProperties.json -

The publisher and stackOwner properties exist as top-level properties within the apiProperties.json file.

Reference:

https://docs.microsoft.com/en-us/connectors/custom-connectors/certification-submission

lldd9988 5 months, 2 weeks ago

Correct

upvoted 4 times

Question #11 *Topic 8*

You are troubleshooting a new canvas app.

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

You need to enable formulas to be included with the Monitor tool events.

What should you do?

A. Add the Microsoft Azure Application Insights data source to the canvas app

B. After each event, implement the trace function within the canvas app

C. Turn on the Debug published app setting in the canvas app

D. Validate the Application Insights instrumentation key has been populated in the app object's properties within the canvas app

Correct Answer: *C*

Setting: Debug published app -

If you want to view the source expressions in Monitor for the published app, you need to turn on the setting to publish the expressions with the app. This setting is similar to generating a debug file in traditional development. Publishing source expressions with your app is optional. Even when this setting is off, you'll be able to see the events happening in your app, but you won't be able to map these events to specific expressions or formulas.

To enable this setting, go to File > Settings, and then turn on Debug published app.

Reference:

https://docs.microsoft.com/en-us/power-apps/maker/monitor-canvasapps

Dallrea 7 months, 3 weeks ago

Correct

https://learn.microsoft.com/en-us/power-apps/maker/monitor-canvasapps

upvoted 4 times

Question #12 *Topic 8*

DRAG DROP -

You have several model-driven apps.

You must ensure that app creators and system administrators can customize the apps. You must follow the principle of least privilege.

You need to assign the permissions that are needed for app creators and system administrators.

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

NOTE: Each correct selection is worth one point

Select and Place:

Roles
System Administrator only
System Customizer only

Requirement	Role
Create customizations in the system	
View all system data entities	
View all data stored in system entities	

Correct Answer:

Roles
System Administrator only
System Customizer only

Requirement	Role
Create customizations in the system	System Customizer only
View all system data entities	System Administrator only
View all data stored in system entities	System Administrator only

Box 1: System Customizer -

System Customizer - Create (self), Read (self), Write (self), Delete (self), Customizations

Has full permission to customize the environment. However, can only view records for environment tables that they create.

Box 2: System Administrator only

System Administrator -

Create, Read, Write, Delete, Customizations, Security Roles

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

Box 3: System Administrator only

Reference:

https://docs.microsoft.com/en-us/power-apps/maker/model-driven-apps/share-model-driven-app

MarioM Highly Voted 1 year, 5 months ago

Customizer, customizer, admin:

System Administrator has Organization level access to all system (Out Of Box) entities while System Customizer has only User level access to all system entities. While both System Administrator and System Customizer have Organization level access to all custom entities.

upvoted 16 times

NyarukouSAMA 5 months ago

No, because in the second question, it is said to "view all SYSTEM data entities" - it could be only sysadmin.

upvoted 2 times

Vinodds 1 year, 4 months ago

I agree

upvoted 3 times

nwmc Most Recent 6 months, 2 weeks ago

Customizer, Admin, Admin https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in

upvoted 2 times

chiari_do 9 months, 2 weeks ago

what is the difference between the 2nd and 3rd statement?
upvoted 1 times

chiari_do 9 months, 1 week ago
Sorry, agree with MarioM
upvoted 1 times

chiari_do 9 months, 2 weeks ago
"Assign the System Customizer role to someone who needs to perform customization tasks but shouldn’t see any data in the system entities. " So i think the second is Administrator, isnt't it? https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/privileges-required-customization?view=op-9-1
upvoted 2 times

lazhar 9 months ago
The difference between the System Administrator and System Customizer security roles is that a system administrator has read privileges on most records in the system and can see everything. Assign the System Customizer role to someone who needs to perform customization tasks but "shouldn’t see any data in the system entities".
upvoted 1 times

chiari_do 9 months, 1 week ago
No, agree with MarioM - Customizer, customizer, admin
upvoted 1 times

uday20 1 month, 4 weeks ago
System Customizer Has full permission to customize the environment. Can view all custom table data in the environment. However, users with this role can only view records that they create in Account, Contact, Activity tables.

So to view all system entities they must have admin role
upvoted 1 times

Question #13 *Topic 8*

DRAG DROP -

You are creating a plug-in for a Power Apps app for the human resources department at the company. The app will be used to process new employees and help employees apply for an identification card.

You have the following requirements:

➪ Applications must not be marked as complete if the employee has not completed mandatory drug screening.

➪ Add logic that stores the name of the human resources team member that approves an application. This step must be completed before an ID card is created for the applicant.

➪ Successful validation and ID card printing.

You need to configure the event pipeline.

Select and Place:

Stages	Requirement	Stage
PreValidation	Mandatory drug screening is completed	
PreOperation	The application is reviewed and approved	
PostOperation	The ID card is printed	

Correct Answer:

Stages	Requirement	Stage
PreValidation	Mandatory drug screening is completed	PreValidation
PreOperation	The application is reviewed and approved	PreOperation
PostOperation	The ID card is printed	PostOperation

Box 1: PreValidation -

Applications must not be marked as complete if the employee has not completed mandatory drug screening.

If you want to change any values for an entity included in the message, you should do it here.

Pre-validation stage executes outside Database Transaction which will not rollback the entire operations written in the plugin if there is any runtime error occurs in one operation. This provides an opportunity to include logic to cancel the operation before the database transaction.

Box 2: PreOperation -

Add logic that stores the name of the human resources team member that approves an application. This step must be completed before an ID card is created for the applicant.

Pre-Operation stage executes inside database transaction due to which any runtime error occurs in a single operation in the plugin will rollback entire operations which are part of the plugin.

Box 3: PostOperation -

Successful validation and ID card printing.

Post Operation - Plug-ins registered in this stage are executed within the database transaction. Plugin will run after the values have been inserted/changed on the database

Reference:

https://softchief.com/2021/03/23/prevalidation-v-s-preopration-in-dynamics-365/ http://mscrmtechie.blogspot.com/2016/02/plugin-stages-pre-validation-pre.html

amarrrin 5 months, 1 week ago

ChatGPT tells:

Mandatory drug screening is complete - PreValidation

You want to check if the mandatory drug screening is complete before allowing any further processing of the application. This should be checked as early as possible in the event pipeline to prevent unnecessary processing.

The application is reviewed and approved - PostOperation

You want to store the name of the HR team member that approves an application. This should be done after the main operation has been executed, which is likely updating the application record with the approval information.
The ID card is printed - PostOperation

After the application has been reviewed and approved, the ID card printing should occur as part of the final step. This should also be done as a PostOperation to ensure that the ID card is only printed if the application has been successfully reviewed and approved.
So, the correct order is:

PreValidation: Mandatory drug screening is complete
PostOperation: The application is reviewed and approved
PostOperation: The ID card is printed
upvoted 1 times

NyarukouSAMA 5 months ago
It is said the operation should be performed before the ID card is created, which means before the MainOperation. Obviously, the second one should be PreOperation.
upvoted 1 times

HiJaak 5 months ago
Well... ChatGPT failed on the majority of my "renewals"... so I would't trust all of its results... 😜

Besides, in the link prodided https://softchief.com/2021/03/23/prevalidation-v-s-preopration-in-dynamics-365/ - "PreOperation" is used "If you want to change any values for an entity included in the message".

"PostOperation" is used only to change the returned message.

So the original results are correct:
PreValidation
PreOperation
PostOperation
upvoted 6 times

MikeAWS 5 months, 3 weeks ago
1. PreOperation
2. PostOperation
3. PostOperation
upvoted 1 times

Juan86 5 months, 3 weeks ago
Could you explain a little bit the resons why you chose those? Otherwise its like a guess
upvoted 2 times

Question #14 *Topic 8*

DRAG DROP -

You are developing a Power Platform solution. You are modifying a business process flow. You have created a new radial knob for the Total amount value and have added the radial knob to the form.

The Total amount value must be entered at initiation before moving to the next step.

You need to configure the business process flow.

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:

Actions

- Create a new solution and add the business process flow and export the solution. Delete the solution after export.
- Open the business process in the Business Process Flow designer and select Activate/Update.
- Add another step to the business process flow.
- Import the solution into Dataverse.
- Delete the business process flow.
- Copy custom control configurations to the business process flow FormXML for the related entity form.

Answer Area

Correct Answer:

Actions

- Create a new solution and add the business process flow and export the solution. Delete the solution after export.
- Open the business process in the Business Process Flow designer and select Activate/Update.
- Add another step to the business process flow.
- Import the solution into Dataverse.
- Delete the business process flow.
- Copy custom control configurations to the business process flow FormXML for the related entity form.

Answer Area

- Add another step to the business process flow.
- Open the business process in the Business Process Flow designer and select Activate/Update.
- Copy custom control configurations to the business process flow FormXML for the related entity form.
- Import the solution into Dataverse.

Step 1: Add another step to the business process flow.

Configure custom controls on a related entity form

In this version of the preview, the easiest way to add custom controls to a BPF is to begin by adding them to a form of the entity that the BPF stage is defined on.

In our example, the Budget Amount and Decision Maker steps of the Qualify stage are defined on the Lead entity. We begin by adding these

fields to the Lead main form, and then configure the radial knob and flip switch custom controls for them.
Step 2: Open the business process in the Business Process Flow designer and select Activate/Update.
Generate and export the BPF form
To generate the form for a business process you want to add custom controls to, open the business process in the BPF designer and click on Activate/Update.
Step 3: Copy custom control configurations to the business process flow FormXML for the related entity form.
Copy custom control configurations to the BPF FormXML
To add custom controls to the BPF, we begin by copying the custom control configurations from the Lead entity form that we just exported.
To do this, we begin by viewing the FormXML for the Lead entity form, which can be found in the 'customizations' file in the solution zip file.
Step 4: Import the solution into Dataverse.
Import customizations into the CDS (aka Dataverse) environment
Now that we're done making our changes, save the customizations.xml document and add it to the managed solution zip file containing the BPF, replacing the file within it.
Next, import these changes into your CDS environment by going to the Solutions tab in the PowerApps portal and click 'Import'.
Reference:
https://powerusers.microsoft.com/t5/Power-Automate-Community-Blog/Preview-Custom-Controls-in-Business-Process-Flows/ba-p/263237

C2StudyClub Highly Voted 1 year, 5 months ago

1. Open the business process in the Business Process Flow designer and select Activate/Update

2. Create a new solution and add the business process flow and export the solution. Delete the solution after export.

3. Copy custom control configurations to the business process flow FormXML for the related entity form.

4. Import the solution into the Dataverse

upvoted 19 times

nwmc 5 months, 1 week ago

correct

upvoted 1 times

samsuna 1 year, 1 month ago

correct
https://powerusers.microsoft.com/t5/Power-Automate-Community-Blog/Preview-Custom-Controls-in-Business-Process-Flows/ba-p/263237

upvoted 2 times

Flatternschuchtern 1 year, 4 months ago

Step 1 should be the last step I think.
The BPF will be contained in the solution irregardless of if it's activated or not

upvoted 6 times

Vinodds 1 year, 4 months ago

Yes you are correct

upvoted 2 times

Alehn96 Most Recent 1 year, 2 months ago

I Think the answer correct are:
1 Add another step..
2 Open the business process...
3 Create a new solution.. (here i do not why you need delete the solution...)
4 Import the solution.

upvoted 4 times

Topic 9 - Testlet 1

Question #1 *Topic 9*

Introductory Info

Case study -

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To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)
UR01
UR02 var data = {
       "name" : "Updated Account ",
       "creditonhold": true,
       "description" : "This is an account update",
       "revenue" : 10,000,
       "Division" : 2
       }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

DRAG DROP -

You need to select connectors for the app.

Which types of connectors should you use? To answer, drag the appropriate connectors to the correct requirements. Each connector may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Connectors

- Create a custom connector.
- Use an AppSource connector.
- Use a native application function.
- Create a connector with a Postman collection.

Requirement	Connectors
View full registration records.	
View customer names.	
View daily registrations.	

Correct Answer:

Answer Area

Connectors

- Create a custom connector.
- Use an AppSource connector.
- Use a native application function.
- Create a connector with a Postman collection.

Requirement	Connectors
View full registration records.	Create a custom connector.
View customer names.	Use an AppSource connector.
View daily registrations.	Use a native application function.

Box 1: Create a custom connector

A custom connector is a wrapper around a REST API (Logic Apps also supports SOAP APIs) that allows Logic Apps, Power Automate, or Power Apps to communicate with that REST or SOAP API.

Box 2: Use an AppSource connector

You can only retrieve the Customer, UnifiedActivity, and Segments entities through the Power Apps connector. Other entities are shown because the underlying connector supports them through triggers in Power Automate.

Scenario: Customer information is stored in the Accounts entity.

Box 3: Use a native application function

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

Reference:

https://docs.microsoft.com/en-us/connectors/custom-connectors/ https://docs.microsoft.com/en-us/dynamics365/customer-insights/audience-insights/export-power-apps

⊟ vpatel1826 Highly Voted 1 year, 2 months ago

The case study is good, but there is some disconnect or limited information about the questions. Makes it tuff to answer with limited context.
upvoted 5 times

stalee Most Recent 7 months, 2 weeks ago
1. Data stored in Dataverse. Customers are in Account Entity. View full registration records - Native
2. Customer uses a portal to register or view events. View Customer names - Native
3. Daily registrations must send email as pdf. We may need to use power automate to create ppdf. View daily registrations -Appsource

So Native, Native, Appsource
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
i believe it should be Native, Native, Native. Appsource is needed when the system needs to connect to an external source like Dynamics. In this case, using a pdf and sending via email is native to powerautomate
upvoted 2 times

BolDeFruits 11 months, 1 week ago
I wouldve answered native,appsource,native.
upvoted 2 times

justin_s 1 year, 1 month ago
Why need a custom connector for viewing full registration records? registration data is saved in dataverse because it says need a registration form.
upvoted 2 times

chiari_do 9 months, 2 weeks ago
maybe because "The company uses a proprietary cloud-based accounting system." So confusing...
upvoted 2 times

Topic 10 - Testlet 10

Question #1 *Topic 10*

Introductory Info

Case study -

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To start the case study -

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.
Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to modify the Power Automate flow to resolve CustomerC's issue.
What should you do?

A. Add a configure run that is set to is successful.

B. Add a data operation that specifies the false conditions.

C. Add a condition containing approval hierarchy.

D. Add a timeout setting to the approval flow.

Correct Answer: *D*
Scenario: CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.
Timeout in Power Automate Approval
Timeout in Power Automate Approval is setting which is allowing control what will happen when Approver will not act on time.
Default value is empty and it equals time of how long Flow can run so 30 days.
Reference:
https://docs.microsoft.com/en-us/power-automate/sequential-modern-approvals

Community vote distribution

C (100%)

smwadi 4 months ago

Selected Answer: C

I think C. Part Manager is on sabbatical and Customer has requested information about Part. Approval should go to inline manager in approval heirarchy.

upvoted 1 times

Question #2 *Topic 10*

Introductory Info

Case study -

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.

Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -

A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.

Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.

A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.

Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -

The warehouse manager's dashboard must contain warehouse counting variance information.

A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.

Power BI must be used for reporting across the organization.

User experience -

Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.

All customer repairs must be tracked in the system no matter where they occur.

Qualified leads must be collected from local bike fairs.

Issues -

Internal -

User1 reports receives an intermittent plug-in error when viewing the total bill customer time.

User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.

User2 reports that sales orders have increased.

User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.

The parts department manager who is the approver for the department is currently on sabbatical.

External -

CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.

Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.

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

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

Question

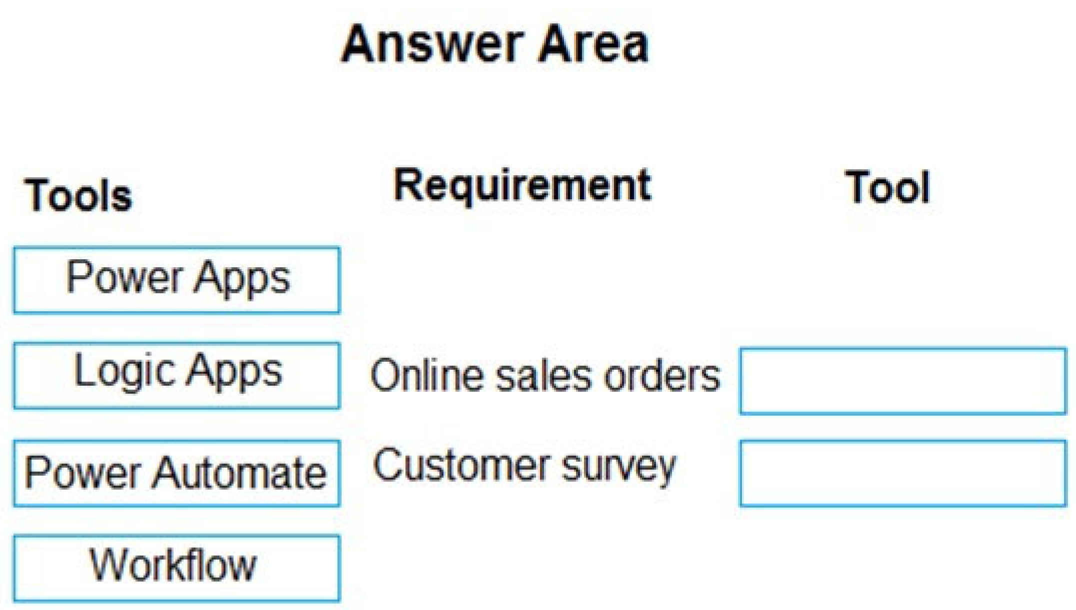
DRAG DROP -

You need to recommend solutions to meet the e-commerce automation requirements.

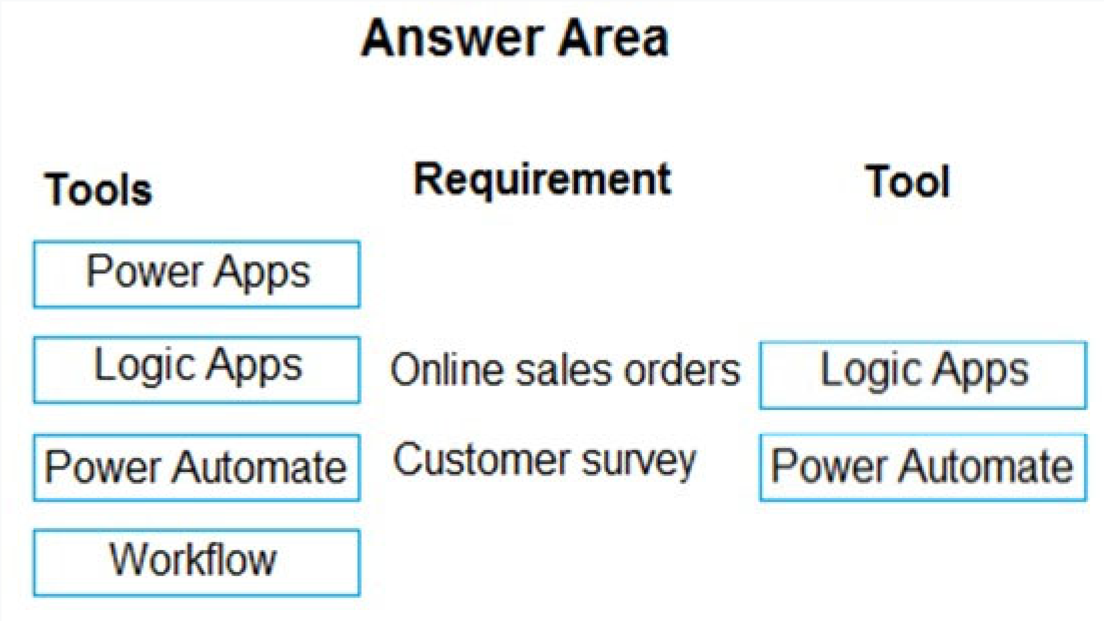
Which platform tools should you recommend? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: Logic Apps -
Scenario: Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
For integration with Dynamics 365 Logic Apps can be used. It also supports scheduled actions.
For integration with Azure use Logic Apps, instead of Power Automate.
Incorrect Answers:
Workflow does not support run on schedule.
Power Automate does not support Azure integration. (For integration with Dynamics 365 Power Automate can be used. It also supports scheduled actions.)

Box 2: Power Automate -
Scenario: Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.
Power Automate has approval flows.
Incorrect Answers:
Workflow does not support Approval workflows.
Reference:
https://docs.microsoft.com/en-us/microsoft-365/community/power-automate-vs-logic-apps https://docs.microsoft.com/en-us/power-automate/replace-workflows-with-flows

uberlord 6 months ago
i see no reason why power automate couldn't achieve both
upvoted 2 times

Juan86 5 months, 3 weeks ago
Given Anwsers are ok.
I think the first one should be Logic Apps --> https://dynamics.folio3.com/blog/logic-apps-vs-power-automate/#:~:text=The%20main%20difference%20between%20Power,and%20scope%20of%20automation%20possible.
"Logic Apps is designed for automating complex processes that involve multiple systems and require human interaction at various points. For example, a process might start when an order is received in an e-commerce system, then trigger an approval request in a CRM system, followed by a series of actions in an accounting system to generate invoices and payments"
upvoted 2 times

[Removed] 10 months, 3 weeks ago
ower Automate provides a variety of connectors that enable users to create workflows that interact with Azure services. For example, users can use the "Azure Blob Storage," "Azure Table Storage," or "Azure Queue Storage" connectors to interact with Azure Storage, or use the "Azure Functions" connector to trigger and execute functions hosted on Azure.

In addition, users can use the "HTTP" connector to interact with any Azure service that exposes a REST API, or use the "Azure Service Bus" or "Azure Event Grid" connectors to integrate with messaging and event-based services on Azure.

Overall, Power Automate provides a range of options for integrating with Azure services, and can be a powerful tool for automating business processes and workflows that involve Azure.
upvoted 1 times

mikarus 10 months ago
Your answer is from chatGPT and not helpful to the discussion.
upvoted 23 times

Topic 11 - Testlet 11

Question #1 *Topic 11*

Introductory Info

Case study -

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To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.
Sales users must only have access to their own records.

Reporting -
Pharmacy orders must be displayed in four graphs as follows:
Annual revenue over $100,000
Annual revenues under $100,000
Research facilities
Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -
Ensure that notifications are sent to the sales team when a lead is added by using Slack.
Ensure that leads have a review stage added to the sales process.
Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
Fields for the doctor's name and phone number must be displayed in the customer record.
The doctor entered on the customer's record must be validated against doctors that exist in the system.
▪
The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question
DRAG DROP -
You need to select a process to create each function.
Which process should you use? To answer, drag the appropriate processes to the correct functions. Each process 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:

Answer Area

Processes	Function	Process
Power Automate	Create a Slack notification from a lead.	
Business rule	Change the priority field.	
Business process flow	Ensure appropriate information is added to leads	

Correct Answer:

Answer Area

Processes	Function	Process
Power Automate	Create a Slack notification from a lead.	Power Automate
Business rule	Change the priority field.	Business rule
Business process flow	Ensure appropriate information is added to leads	Business process flow

Box 1: Power Automate -
Ensure that notifications are sent to the sales team when a lead is added by using Slack
Power Automate is a service that helps you create automated workflows between your favorite apps and services to synchronize files, get notifications, collect data, and more.

Box 2: Business rule -
By combining conditions and actions, you can do any of the following with business rules:

Set column values -

Clear column values -

Set column requirement levels -

Show or hide columns -

Enable or disable columns -
Validate data and show error messages
Create business recommendations based on business intelligence.

Box 3: Business process flow -
Ensure that leads have a review stage added to the sales process.
Use business process flows to define a set of steps for people to follow to take them to a desired outcome. These steps provide a visual indicator that tells people where they are in the business process.
Reference:
https://docs.microsoft.com/en-us/power-automate/
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/data-platform-create-business-rule https://docs.microsoft.com/en-us/power-automate/business-process-flows-overview

cleon37 Highly Voted 3 years, 1 month ago
The right thing to be: PA, BR, BPF
upvoted 70 times

rodrrr 3 years, 1 month ago
Agree.
upvoted 4 times

KenCraw 2 years, 9 months ago
Agree with this. The second is not a "process" , but the third is a "process" of entering information. Therefore a BR to change field, and BPF to ensure information entry process.
upvoted 3 times

ppguru 2 years, 1 month ago
wrong, 2nd is a field within the process.
upvoted 1 times

Eskape Highly Voted 2 years, 5 months ago
It should be PA, PA, BPF

Second one is PA because priority needs to be set after 10 says. PA can do that, BR can't.
upvoted 23 times

ziggy1117 6 months, 3 weeks ago
no.. there is an example where a BR is triggered when a task is more than 30 days old: https://learn.microsoft.com/en-us/power-apps/maker/data-platform/data-platform-create-business-rule#example-create-a-business-rule-for-tasks-older-than-30-days
upvoted 1 times

HiJaak 5 months ago
You are right ziggy, but you have to pay attention that

"Business rules are run on clients. For example, they run when a form is opened by a user and when a field value changes on that open form. They aren't executed inside Dataverse."

So, if the field should be changed automatically after 10 days, it should be done with Power Automate.
upvoted 2 times

mx007 10 hours, 35 minutes ago
If business rule scope is set to Table, it will run on server side
upvoted 1 times

CE_Team_Gold 1 year, 7 months ago
You seem right. That's tricky

upvoted 1 times

SuperRaj Most Recent 8 months, 2 weeks ago

It should be PA,PA,BPF

upvoted 2 times

ppguru 2 years, 1 month ago

PA BPF and BR are the right answers

upvoted 1 times

luvasgloves 2 years, 5 months ago

PA, PA, BPF

upvoted 7 times

Menwall88 2 years, 6 months ago

Wouldn't the middle one be power automate because it can run on the trigger field to update the value server-side whereas the Business Rule would only update the value when the form is opened sometime after the 10 days?

upvoted 4 times

majklik 2 years, 9 months ago

2nd as BR is explained here https://www.loganconsulting.com/blog/how-use-power-automate-trigger-workflows-microsoft-dynamics-crm/ it's so nice solution.

upvoted 2 times

justraj 2 years, 8 months ago

the example uses PA rite? so is the answer for 2nd question "PA"?

upvoted 1 times

PeterPan2 3 years, 1 month ago

Image is incorrect. List below is correct

upvoted 4 times

Question #2 *Topic 11*

Introductory Info

Case study -

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To start the case study -

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Background -

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The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.

Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

Annual revenue over $100,000

Annual revenues under $100,000

Research facilities

Hospitals

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

Customizations -

Ensure that notifications are sent to the sales team when a lead is added by using Slack.

Ensure that leads have a review stage added to the sales process.

Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

▪

The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

You need to create the model driven app for accounts designated as referrals.

What should you add to the app?

A. Workflow

B. Subgrid

C. Business rule

D. Flow

E. Chart

Correct Answer: *C*

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

Note: By combining conditions and actions, you can do any of the following with business rules:

⇨ Set column values

⇨ Clear column values

⇨ Set column requirement levels

⇨ Show or hide columns

⇨ Enable or disable columns

⇨ Validate data and show error messages

⇨ Create business recommendations based on business intelligence.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-create-business-rule

Topic 12 - Testlet 12

Question #1 *Topic 12*

Introductory Info

Case study -

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)

UR01
UR02 var data = {
        "name" : "Updated Account ",
        "creditonhold": true,
        "description" : "This is an account update",
        "revenue" : 10,000,
        "Division" : 2
        }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
        function success(result) {
        console.log("Account updated");
        . . .perform operations on record update
        },
UR04
```

Question

You need to handle errors in UpdateRecord.js.

Which code segment should you add at line UR04?

A. catch(error) { alert("Caught error: " + error.message);}

B. Exception exception = Server.GetLastError(); if(exception != null)

C. Catch(exception e){ console.writeline(e)}

D. function (error){ console.log(error.message)}

Correct Answer: *A*

The catch statement lets you handle the error.

Syntax: catch(err) {

Block of code to handle errors -

}

Reference:

https://www.w3schools.com/js/js_errors.asp

Community vote distribution

D (100%)

PappuKumar Highly Voted 2 years, 2 months ago

Answer is D. Please refer MS article:
https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/xrm-webapi/updaterecord

upvoted 25 times

nivanpee Highly Voted 2 years, 1 month ago

Selected Answer: D

Answer is D

upvoted 14 times

lezzles11 Most Recent 6 months, 1 week ago

should be function error (result) { console.log(result) }
not just function (result) {

upvoted 1 times

28122016 7 months, 3 weeks ago

Selected Answer: D

Answer is D 100%

upvoted 1 times

leoprepexam97 9 months, 1 week ago

Selected Answer: D

honestly never seen a catch after a function success

upvoted 2 times

oleav 10 months, 3 weeks ago

Selected Answer: D

Viz PappuKumar link

upvoted 1 times

Moradmoro 1 year ago

Selected Answer: D

Answer is D

upvoted 1 times

MrWood47 1 year, 1 month ago

Selected Answer: D

Answer is D

upvoted 1 times

CRMBug 1 year, 3 months ago

Selected Answer: D

Answer is D

upvoted 1 times

TheExamMaster2020 1 year, 3 months ago

I had this case on my exam on 27/10/2022. I don't remember if this specific question was asked.

upvoted 1 times

kvargas90 1 year, 4 months ago

Selected Answer: D

Answer is D

upvoted 2 times

Fabsworth 1 year, 12 months ago

Selected Answer: D

Agree with nivanpee and PrincipalJoe. Answer is D.

upvoted 2 times

PrincipalJoe 2 years ago

The .then() method returns a promise which expects two arguments: a callback function for the success and one for the error case! so the correct answer is D!!

upvoted 2 times

ppguru 2 years, 1 month ago

You handle errors by using the throw, try...catch, finally, and retry statements to generate and handle exceptions. -- Answer seems right to me

upvoted 1 times

DimpleG 1 year ago

Then, where is the try block?

upvoted 1 times

nivanpee 2 years, 1 month ago

Answer is D- getting the console log error message of the web api request

upvoted 2 times

Khella 2 years, 2 months ago

A is invalid , there is no try to put catch

upvoted 2 times

janisk 2 years, 2 months ago

Correct answer is D, A would make script invalid

upvoted 2 times

Question #2 *Topic 12*

Introductory Info

Case study -

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To start the case study -

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)
UR01
UR02 var data = {
       "name" : "Updated Account ",
       "creditonhold": true,
       "description" : "This is an account update",
       "revenue" : 10,000,
       "Division" : 2
       }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

You need to configure the system to support automation for referrals.

What are two possible ways to achieve the goal? Each correct selection presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure Function that uses the Discovery service

B. workflow extension

C. Azure Function that uses a listener

D. Power Automate flow

Correct Answer: *CD*

C: You can use the File watcher function in Azure function app to process coping of files from source to destination.

Note: The FileSystemWatcher class listens to the file system change notifications and raises events when a directory, or file in a directory, changes.

Use FileSystemWatcher to watch for changes in a specified directory. You can watch for changes in files and subdirectories of the specified directory. You can create a component to watch files on a local computer, a network drive, or a remote computer.

D: Power Automate is a service that helps you create automated workflows between your favorite apps and services to synchronize files, get notifications, collect data, and more.

Note: The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Referrals must be imported into the system as soon as they are available.

Reference:

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

Community vote distribution

CD (100%)

uberlord Highly Voted 6 months ago

was torn between C and D and then realised it wanted two answers, happy with that.

If you've made it this far in the website, good luck on your exams!

upvoted 8 times

NyarukouSAMA Most Recent 5 months ago

Selected Answer: CD

Correct answer

upvoted 2 times

nwmc 5 months, 3 weeks ago

Correct:

-Referrals must be imported into the system as soon as they are available

-The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

upvoted 2 times

jhramirez 1 year, 5 months ago

I think it is C,D

upvoted 4 times

YFSun 1 year, 7 months ago

Correct

upvoted 3 times

Question #3 *Topic 12*

Introductory Info

Case study -

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To start the case study -

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Background -

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The company is organized into the following divisions:

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Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
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Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

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	`CS105 var results = service.RetrieveMultiple(query);`
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	`CS203`
	`CS204 response = request.GetResponse();`
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Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

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       "Division" : 2
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UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

DRAG DROP -

You need to determine how to implement rules for players who register for a soccer tournament.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Business rule actions

- Set visibility action to No.
- Set Lock/Unlock action to Lock
- Set Field Value action to No.
- Set Business Required action to Business Required

Answer Area

Role	Business rule action
Weight	Business rule action
Age	Business rule action
Height	Business rule action

Correct Answer:

Business rule actions

- Set visibility action to No.
- Set Lock/Unlock action to Lock
- Set Field Value action to No.
- Set Business Required action to Business Required

Answer Area

Role	Business rule action
Weight	Set visibility action to No.
Age	Set Business Required action to Business Required
Height	Set visibility action to No.

Scenario:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Weight: Set visibility action to No.
Age: Set Business Required action to Business required
Height: Set visibility action to No.

nivanpee Highly Voted 2 years, 1 month ago
correct
upvoted 13 times

CRMBug Most Recent 1 year, 3 months ago
Correct
upvoted 2 times

YFSun 1 year, 7 months ago
Correct
upvoted 2 times

Topic 13 - Testlet 13

Question #1 *Topic 13*

Introductory Info

Case study -

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Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project. Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.

Users must initiate address validation by selecting a button on the command bar.

The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.

The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.

The user must re-enter the address information to trigger validation.

Requirements. Driving record verification

Driving record verification must only be performed once for each candidate.

Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Requirements. Background check verification

Background check verification must be performed only once for each candidate.

The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.

The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.

The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.

The content and number of stage values is subject to change. The HR department must be able to update the stage values.

In cases where further investigation is required, users must manually update the value to reflect the final result.

Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.

The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -

Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.

Issues. Background check verification

While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14           },
AV15           . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

You need to connect to the background check API.

Which mechanism should you use?

A. JavaScript

B. Flow with a custom connector

C. Azure Function

D. Plug-in

Correct Answer: *B*

While Azure Logic Apps, Microsoft Power Automate, and Microsoft Power Apps offer over 325+ connectors to connect to Microsoft and verified services, you may want to communicate with services that aren't available as prebuilt connectors. Custom connectors address this scenario by allowing you to create (and even share) a connector with its own triggers and actions.

Note:

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Reference:

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

nadien 8 months, 2 weeks ago

Flow seems correct - first reply in the thread:
https://powerusers.microsoft.com/t5/General-Power-Automate/HTTP-Action-in-Power-Automate-to-Call-SOAP-Webservices/td-p/549948

upvoted 1 times

haoest 4 days, 7 hours ago
background check service uses WSDL secured by client authentication certificate. Does custom connector have the option to apply a client cert for authentication?
upvoted 1 times

chiari_do 9 months, 2 weeks ago
is it correct?
upvoted 1 times

vpatel1826 1 year, 2 months ago
Background Check is SOAP-based API, Can you a Logic App with a custom connector but the Option says Flow with a custom connector which is not valid.
upvoted 1 times

mx007 10 hours, 7 minutes ago
Agree, you cant create custom connector on SOP-based API
upvoted 1 times

uberlord 6 months ago
surely custom connector here is the key part though
upvoted 1 times

Vinodds 1 year, 4 months ago
I will go with Azure function
Since it says The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.
upvoted 1 times

admin829200 1 year, 2 months ago
u r wrong
upvoted 1 times

Topic 14 - Testlet 14

Question #1 Topic 14

Introductory Info

Case study -

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Background -

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The company is organized into the following divisions:

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Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

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Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message
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Code Set 2	CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff"); CS202 HttpWebResponse response = new HttpWebResponse(); CS203 CS204 response = request.GetResponse(); CS205 response.Close();	il-turn-off-keepalive

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      function success(result) {
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UR04
```

Question

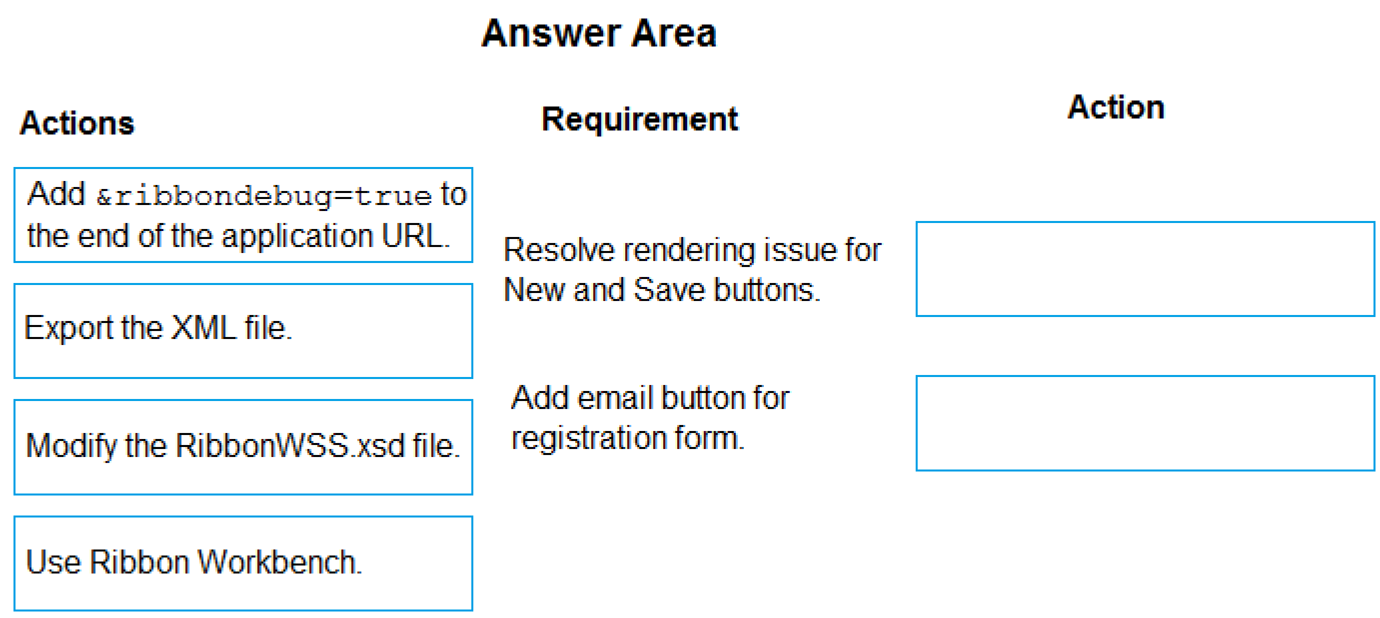
DRAG DROP -

You need to address the user interface issues.

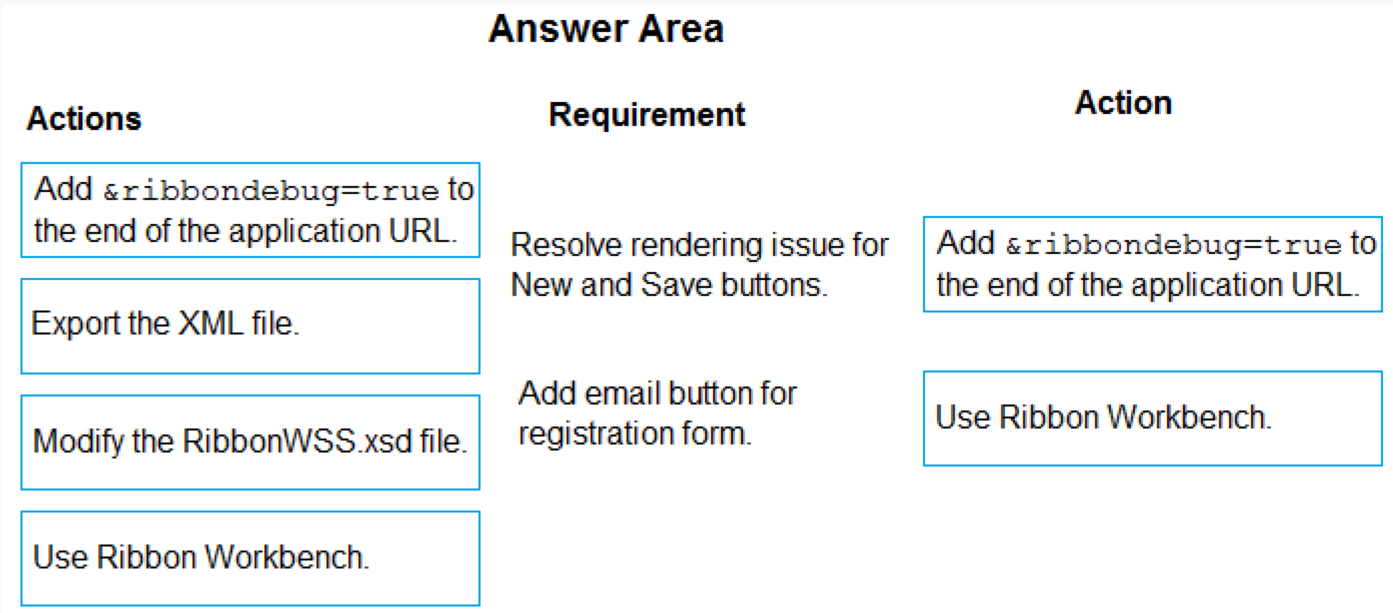
What should you do? To answer, drag the appropriate actions to the correct issues. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



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

Scenario: The captions for the New and Save buttons do not render properly on the form.

You can use the an in-app tool called the Command Checker to inspect the ribbon component definitions to help us determine why the button is not rendered correctly.

To enable the Command Checker, you must append a parameter &ribbondebug=true to your D365 application URL. For example: https://yourorgname.crm.dynamics.com/main.aspx?appid=9ab590fc-d25e-ea11-a81d-000d3ac2b3e6&ribbondebug=true

Box 2: Use the Ribbon Workbench -

Adding Buttons to Ribbons -

1. Download and install Ribbon Workbench.
2. Select a suitable ICON for your button.
3. Create a solution.
4. Edit the button in Ribbon Workbench.
5. Publish and test.

Reference:

https://support.microsoft.com/en-us/help/4552163/ribbon-troubleshooting-guide https://neilparkhurst.com/2015/10/19/adding-buttons-to-ribbons/

alevalli9 11 months, 2 weeks ago

Correct

upvoted 2 times

CRMBug 1 year, 3 months ago

Correct

upvoted 2 times

Whataboutno 1 year, 11 months ago

Seems correct.

upvoted 3 times

Question #2 *Topic 14*

Introductory Info

Case study -

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message
Code set 1	CS101 var columns = new ColumnSet(); CS102 columns.AllColumns = true; CS103 var query = new QueryExpression("account"); CS104 query.ColumnSet = columns; CS105 var results = service.RetrieveMultiple(query);	il-specify-column
Code Set 2	CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff"); CS202 HttpWebResponse response = new HttpWebResponse(); CS203 CS204 response = request.GetResponse(); CS205 response.Close();	il-turn-off-keepalive

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)
UR01
UR02 var data = {
      "name" : "Updated Account ",
      "creditonhold": true,
      "description" : "This is an account update",
      "revenue" : 10,000,
      "Division" : 2
      }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
      function success(result) {
      console.log("Account updated");
      . . .perform operations on record update
      },
UR04
```

Question

You need to add the script for the registration form event handling.

Which code segment should you use?

A. formContext.data.entity.addOnSave(myFunction)

B. formContext.data.addOnLoad(myFunction)

C. formContext.data.removeOnLoad(myFunction)

D. addOnPreProcessStatusChange

E. formContext.data.isValid()

Correct Answer: *B*

Scenario: Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

addOnLoad adds event handlers to the Subgrid OnLoad event event.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/grids/gridcontrol/addonload

Community vote distribution

B (60%) E (40%)

[Removed] Highly Voted 10 months, 3 weeks ago

A. formContext.data.entity.addOnSave(myFunction)

This will allow to implement following requirement: "The form must include a custom button that sends an email confirmation to the player after the player registers. The button must not be visible until after the form is saved." With event handler onSave the behavior of the button (visible/not visible) can be controlled

upvoted 5 times

chiari_do 9 months, 2 weeks ago

Agree!

upvoted 1 times

shibax Highly Voted 2 years ago

anser is addonLoad

upvoted 5 times

ziggy1117 Most Recent 6 months, 3 weeks ago

Selected Answer: B

answer is correct. Information about upcoming tournaments must be pre-located into the registration form when the registration form loads

upvoted 3 times

MarioM 1 year, 5 months ago

Selected Answer: E

Handling events after loaded, so we use isValid

upvoted 2 times

PrincipalJoe 2 years ago

It states: "for the registration form"! So the correct anwswer is isValid() which checks the validity of the entered data!

upvoted 1 times

Rastinan 2 years ago

Any normal registration form then yes you'd be right, but it mentions "Information about upcoming tournaments must be pre-located into the registration form when the registration form loads" which is the part this question is referring to

upvoted 12 times

ruhuo 2 years ago

https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-data/addonload

upvoted 2 times

ppguru 2 years, 1 month ago

This one should be :
E. formContext.data.isValid()

upvoted 4 times

Question #3 Topic 14

Introductory Info

Case study -

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Background -

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The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

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Manager	These users will add users, assign security roles, and manage data storage.

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)
UR01
UR02 var data = {
      "name" : "Updated Account ",
      "creditonhold": true,
      "description" : "This is an account update",
      "revenue" : 10,000,
      "Division" : 2
      }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
      function success(result) {
      console.log("Account updated");
      . . .perform operations on record update
      },
UR04
```

Question

You need to add the script to populate event data on the form.

Which code segment should you use?

A. formContext.data.addOnLoad(myFunction)

B. formContext.data.removeOnLoad(myFunction)

C. formContext.data.entity.addOnSave(myFunction)

D. addOnPreProcessStatusChange

E. formContext.data.isValid()

Correct Answer: *A*

data.addOnLoad adds a function to be called when form data is loaded.

Syntax: formContext.data.addOnLoad(myFunction)

The function to be executed when the form data loads. The function will be added to the bottom of the event handler pipeline.

Incorrect:

Not D: Wrong syntax. Need a function parameter.

Note: addOnPreProcessStatusChange adds a function as an event handler for the OnPreProcessStatusChange event so that it will be called before the business process flow status changes.

Syntax: Syntax -

formContext.data.process.addOnPreProcessStatusChange(myFunction);

The function to be executed when the business process flow status changes. The function will be added to the start of the event handler pipeline.

Not E: IsValid() gets a boolean value indicating whether all of the form data is valid. This includes the main table and any unbound columns. If the form has empty, required columns on it, control-level error notifications is shown.

Description: true if all of the form data is valid; false otherwise.

Reference:

https://docs.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/formcontext-data/addonload

https://docs.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/formcontext-data-process/eventhandlers/addonpreprocessstatuschange https://docs.microsoft.com/en-us/powerapps/developer/model-driven-apps/clientapi/reference/formcontext-data/isvalid

Community vote distribution

A (100%)

wwwtmmm Highly Voted 2 years, 1 month ago

Selected Answer: A

A. addOnLoad

upvoted 9 times

MarlyB 2 years, 1 month ago

Why do you think that?

upvoted 3 times

ppguru Highly Voted 2 years, 1 month ago

I would say this one is A -formContext.data.addOnLoad(myFunction).
Since "information about upcoming tournaments must be pre-located into the registration form when the registration form loads".

There is another question that asks for code to handle event registrations; that one should have isvalid code

upvoted 5 times

[Removed] Most Recent 10 months, 3 weeks ago

formContext.data.addOnLoad(myFunction). This way the requirement “Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.” can be meet.

upvoted 1 times

alevalli9 11 months, 2 weeks ago

Selected Answer: A

A is correct to me

upvoted 1 times

shibax 2 years ago

addOnLoad is correct

upvoted 2 times

shibax 2 years ago

E is correct

upvoted 1 times

SolimanMasry 2 years, 1 month ago

Seems E is the correct answer

upvoted 1 times

Andy2021sp 2 years, 1 month ago

Could someone give the correct answer please?

upvoted 2 times

sumiiiiiiiii 2 years, 2 months ago

isValid() function is there in option E not in D. Is it that answer is E?

upvoted 1 times

Topic 15 - Testlet 15

Question #1 *Topic 15*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.
Sales users must only have access to their own records.

Reporting -
Pharmacy orders must be displayed in four graphs as follows:
Annual revenue over $100,000
Annual revenues under $100,000
Research facilities
Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -
Ensure that notifications are sent to the sales team when a lead is added by using Slack.
Ensure that leads have a review stage added to the sales process.
Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
Fields for the doctor's name and phone number must be displayed in the customer record.
The doctor entered on the customer's record must be validated against doctors that exist in the system.
▪
The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question
You need to configure that the mobile app meets the requirements for phone entries.
Which expression should you use?

A. IsBlank

B. IsType

C. PlainText

D. IsNumeric

Correct Answer: *D*
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.
Note: The IsNumeric function tests whether a value is numeric. Other kinds of values include Boolean, string, table, and record.
The return value is a Boolean true or false.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-isnumeric

alevalli9 11 months, 2 weeks ago
Correct to me since phone numbers must be validated to be all digits, according our requirement
upvoted 4 times

Topic 16 - Testlet 16

Question #1 *Topic 16*

Introductory Info

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Issues -

Apps -

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Interns can create apps but cannot interact with their own data.

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       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

HOTSPOT -

You need to correct the portal query issues.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

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

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

Box 1: GET ..$select=name, sport

Use select to return only the Name and Sport fields.

Box 2: $apply(groupby(sport ne null)

Categorize by division, that is to sports.

Sami324 Highly Voted 1 year, 12 months ago

Correct Answer based on the scenario

upvoted 6 times

Topic 17 - Testlet 17

Question #1 *Topic 17*

Introductory Info

Case study -

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.
Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to ensure that Adventure Works Cycles can track information from visitors to bike fairs.
What should you create?

A. a Power Automate flow that connects with the bike fair Power Apps app to create a lead in Dynamics 365 Sales

B. a Power Automate flow that generates a new customer record in SharePoint.

C. a Power Automate flow to capture customer data from the bike fair Power Apps app in SharePoint and create a lead in Microsoft Teams.

D. a business process flow in Dynamics 365 Sales for capturing leads.

Correct Answer: *A*
Scenario:
➾ Qualified leads must be collected from local bike fairs.
➾ Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.
By using a Dynamics 365 connector, you can create flows that initiate when an event occurs in Dynamics 365, or some other service, which then performs an action in Dynamics 365, or some other service.
In Power Automate, you can set up automated workflows between your favorite apps and services to synchronize files, get notifications,

collect data, and more.

Reference:

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

Community vote distribution

A (100%)

nwmc 5 months, 3 weeks ago

Correct:
-The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service
-A canvas app is being developed to capture customer information when customers check in at the retail location

upvoted 2 times

alevalli9 11 months, 2 weeks ago

Selected Answer: A

Looks correct

upvoted 4 times

Question #2 *Topic 17*

Introductory Info

Case study -

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Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to reduce the number of Azure consumption API calls for User2.
Which markup segment should you use?
A.
```
<policies>
  <inbound>
    <base />
    <rate-limit-by-key calls="100"
    renewal-period= "30"
    increment-condition= "@(context.Response.StatusCode = = 200)"
    counter-key= "@(context.Request.IpAddress)"/>
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```
B.
```
<policies>
  <inbound>
    <base />
    <rate-limit calls="1000" renewal-period= "90" />
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```

C.

```
<policies>
  <inbound>
    <base />
    <rate-limit-by-key calls="1"
    renewal-period= "60"
    increment-condition= "@(context.Response.StatusCode = = 200)"
    counter-key="@(context.Request.IpAddress)"/>
  </inbound>
  <outbound>
    <base />
  </outbound>
</policies>
```

D.

```
<policies>
  <inbound>
    <base />
    <quota calls="100" bandwidth="400" renewal-period="30" />
  </inbound>
    <outbound>
        <base />
  </outbound>
</policies>
```

Correct Answer: *C*

Scenario: User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.

Example:

In the following example, the rate limit of 10 calls per 60 seconds is keyed by the caller IP address. After each policy execution, the remaining calls allowed in the time period are stored in the variable remainingCallsPerIP.

```
<policies>
<inbound>
<base />
<rate-limit-by-key calls="10"
renewal-period="60"
increment-condition="@(context.Response.StatusCode == 200)"
counter-key="@(context.Request.IpAddress)"
remaining-calls-variable-name="remainingCallsPerIP"/>
</inbound>
<outbound>
<base />
</outbound>
</policies>
```

Note: The rate-limit-by-key policy prevents API usage spikes on a per key basis by limiting the call rate to a specified number per a specified time period. The key can have an arbitrary string value and is typically provided using a policy expression. Optional increment condition can be added to specify which requests should be counted towards the limit. When this call rate is exceeded, the caller receives a 429 Too Many Requests response status code.

Incorrect Answers:

A: With renewal-period="30" 200 calls/minute would be allowed.

B: This would increase the calls/minute limit to 1000.

Reference:

https://docs.microsoft.com/en-us/azure/api-management/api-management-access-restriction-policies

Juan86 5 months, 3 weeks ago

I still dont get why is C. Any idea? For me A makes mroe sense since we stablish a limit in 100.

upvoted 1 times

smwadi 4 months ago

Renewal Period is 30 and as per description it is in seconds so with that logic it will go upto 200 calls / min.

upvoted 1 times

Asmiin 5 months ago

I guess C because in scenario we can see that User2 already complain that his calls number already is around 100.

upvoted 2 times

Topic 18 - Testlet 18

Question #1 *Topic 18*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.
Sales users must only have access to their own records.

Reporting -
Pharmacy orders must be displayed in four graphs as follows:
Annual revenue over $100,000
Annual revenues under $100,000
Research facilities
Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -
Ensure that notifications are sent to the sales team when a lead is added by using Slack.
Ensure that leads have a review stage added to the sales process.
Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
Fields for the doctor's name and phone number must be displayed in the customer record.
The doctor entered on the customer's record must be validated against doctors that exist in the system.
▪
The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question
You need to create the customer mobile app.
Which type of function expression should you use?

A. Filter

B. Find

C. LookUp

Correct Answer: *C*
The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches one or more criteria.

Scenario: Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-filter-lookup

Community vote distribution
A (89%) 11%

MarioM Highly Voted 1 year, 5 months ago
Selected Answer: A
Should be filter, as lookup is for one record only. And as only one field for search, we use Filter, if multiple - Search.
upvoted 6 times

Kepty Highly Voted 1 year, 5 months ago
Selected Answer: A
A

A custom mobile app must be created to allow salespeople to add or search by pharmacy name. Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

as we need to search by pharmacy name but pharmacies are uniquely identified by name, address, contact name and phone number, the results if we are searching by name only may contains more records --> filter

upvoted 5 times

MikeAWS Most Recent 5 months, 2 weeks ago

The correct answer is C. LookUp.

The LookUp function is used to retrieve a record from a table based on a unique identifier. In this case, the unique identifier is the pharmacy name.

The Filter and Find functions can also be used to search for pharmacy records. However, they will return all records that match the search criteria, including records that have duplicate pharmacy names. The LookUp function will only return the record with the specified pharmacy name.

upvoted 2 times

uberlord 6 months ago

pharmacy name that we are searching is told to be uniquely identifiable, due to that they are only looking for one record to return (its not a street name or city theyre using) as they only want one record lookup is correct.

damn annoying though

upvoted 1 times

7acdde5 7 months, 3 weeks ago

Selected Answer: A

A is correct

upvoted 1 times

nadien 8 months, 2 weeks ago

Should be A: "General -
You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors."

upvoted 1 times

DimpleG 1 year ago

Selected Answer: C

To create a mobile app that allows salespeople to add or search by pharmacy name and have records uniquely identified by pharmacy name, address, contact name, and phone number, you should use the LookUp function expression. The LookUp function allows you to search for a specific record in a dataset based on one or more specific field values and return the corresponding information. In this case, you can use LookUp function to search for a pharmacy record based on the pharmacy name, address, contact name, and phone number, and return the record that matches those criteria. This will ensure that each pharmacy record is uniquely identified by these four fields and can be easily searched and accessed by salespeople through the mobile app.

upvoted 2 times

chiari_do 9 months, 1 week ago

but question says only: "search by pharmacy name", not by all the other fields you mention.

upvoted 4 times

CRMBug 1 year, 3 months ago

Selected Answer: A

Filter is correct based on requirement to Search

upvoted 5 times

Topic 19 - Testlet 19

Question #1 *Topic 19*

Introductory Info

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

Question

You need to identify the execution mode that is being used for the ISV solution reported by User5.
Which type of execution mode is in use?

A. asynchronous

B. atomicity

C. transfer

D. synchronous

Correct Answer: *D*
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
When you choose to use a synchronous execution mode any failure will be reported back to the user of the application with an Endpoint unavailable error dialog informing the user that the webhook service endpoint may be configured incorrectly or is not available.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks

TheBinMan Highly Voted 2 years, 9 months ago

D makes sense as User5 is getting the error on the screen as he is pressing submit and there is a connection issue of some sort.
upvoted 8 times

majklik 2 years, 9 months ago
D makes sense
upvoted 3 times

alevalli9 Most Recent 11 months, 2 weeks ago
Correct
upvoted 1 times

Topic 20 - Testlet 2

Question #1 *Topic 20*

Introductory Info

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.
Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to improve warehouse counting efficiency.
What should you create?

A. a flow that updates the warehouse counts as the worker performs the count

B. a model-driven app that allows the user to key in inventory counts

C. A Power BI dashboard that shows the inventory counting variances

D. a canvas app that scans barcodes to allow a warehouse worker to select inventory counts

Correct Answer: *D*
Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

Community vote distribution
D (100%)

[Removed] 10 months, 3 weeks ago
D - In a canvas app, barcode scanning can be supported using the Barcode scanner control. This control allows the user to scan a barcode using the device's camera and capture the data encoded in it.

To use the Barcode scanner control in a canvas app, you would add the control to the screen and configure it to capture the type of barcode you want to scan. You can also customize the control's appearance and behavior to fit your specific requirements.

Once the barcode is scanned, you can use the captured data to perform various operations in your app, such as updating inventory counts, looking up product information, or processing a sales transaction.

upvoted 2 times

MarioM 1 year, 5 months ago

Selected Answer: D

true is for using canvas app for quick inventory count

upvoted 3 times

rijifa7178 2 years, 8 months ago

KOVVVVVEKT

upvoted 4 times

Flatternschuchtern 1 year, 5 months ago

cowwect UwU

upvoted 1 times

majklik 2 years, 9 months ago

correct

upvoted 3 times

TheBinMan 2 years, 9 months ago

correct

upvoted 1 times

wonderznight 2 years, 11 months ago

correct

upvoted 4 times

Question #2 *Topic 20*

Introductory Info

Case study -

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Background -

Current environment -

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Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

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Requirements -

Automation -
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Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to replace the bicycle inspection forms.
Which two solutions should you use? Each answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. a flow that maps inspection data to Dynamics 365 Field Service
B. a logic app that guides the technician through the inspection
C. a canvas app that guides the technician through the inspection
D. a model-driven app based on customer service entities

Correct Answer: *AD*
Scenario: The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.
Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.
A: The Dynamics 365 Field Service business application helps organizations deliver onsite service to customer locations. The application combines workflow automation, scheduling algorithms, and mobility to set mobile workers up for success when they're onsite with customers fixing issues.
D: Compared to canvas apps, model-driven apps in PowerApps are based on underlying data ג€" specifically, the data stored in Common Data Service (CDS). All model-driven apps are integrated into CDS. In fact, most Microsoft apps are integrated into CDS because most Microsoft apps, including the entire Dynamics 365
(D365) platform, are model-driven apps.

Incorrect Answers:
B: An Azure Logic App would not be fit for scale. Azure Logic Apps is a cloud service that helps you schedule, automate, and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations.
Reference:
https://docs.microsoft.com/en-us/dynamics365/field-service/overview https://global.hitachi-solutions.com/blog/canvas-vs-model-driven-apps

Community vote distribution

AC (57%) AD (43%)

yetanotherstudent Highly Voted 3 years ago
I feel its A and C. If you are guiding the user through the inspections, that is best done in a canvas app.
upvoted 18 times

Yuro 2 years, 11 months ago
i agree
upvoted 1 times

xflair Highly Voted 2 years, 10 months ago
A and D must be correct. Refer to https://docs.microsoft.com/en-us/dynamics365/field-service/inspections
upvoted 6 times

ZVV 2 years, 9 months ago
And where's the flow involved?
upvoted 3 times

lezzles11 Most Recent 6 months, 2 weeks ago
What - this isn't even in the study guide.
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
Selected Answer: AD
D - you use a model driven app using the Dataverse tables used for D365 Field Service
A - you then create a business process flow inside the model driven app that maps data to the dataverse tables used in D365 Field Service
upvoted 2 times

AndreiAndreiG 7 months, 4 weeks ago
Selected Answer: AD
Agree with NewGeneration
upvoted 1 times

DimpleG 1 year ago
Selected Answer: AC
A. "A flow that maps inspection data to Dynamics 365 Field Service" is a solution that allows you to automate the process of capturing inspection data by using Microsoft Power Automate to create a flow that maps the data from the inspection form to the appropriate fields in Dynamics 365 Field Service. This will save time and reduce errors by eliminating the need for manual data entry.

C. "A canvas app that guides the technician through the inspection" is a solution that uses a Microsoft PowerApps canvas app to guide the technician through the inspection process. The app can be customized to match the needs of the retail location and can provide step-by-step instructions, as well as data validation, to ensure that the technician completes the inspection correctly. This will also provide real-time data and reduce errors.
upvoted 4 times

NewGeneration 1 year, 2 months ago
I think, it is AD. D is because : "The Field Service (Dynamics 365) mobile app lets technicians view Dynamics 365 Field Service work orders, customer assets, accounts, and contacts. This mobile app is built on Microsoft Power Platform as a model-driven app." https://learn.microsoft.com/en-us/dynamics365/field-service/mobile-power-app-overview
upvoted 2 times

val_maly 2 years, 10 months ago
If you select D - you do NOT NEED A. https://docs.microsoft.com/en-us/dynamics365/field-service/inspections

Field Service already has Inspections functionality.

But you need to select 2 parts of solution, so C and A
upvoted 3 times

KenCraw 2 years, 9 months ago
Field Service works directly with Model-Driven-App , even with a mobile friendly entry method for inspection details (from phone). Eliminating the need to employ a canvas app.
upvoted 1 times

KenCraw 2 years, 9 months ago

As to my above/first response ... your link shows directly how it can be used on a mobile phone via MDA + Field Service , without the need for a Canvas App, and with the requirement of a Model Driven App

upvoted 1 times

Topic 21 - Testlet 20

Question #1 *Topic 21*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.
Sales users must only have access to their own records.

Reporting -
Pharmacy orders must be displayed in four graphs as follows:
Annual revenue over $100,000
Annual revenues under $100,000
Research facilities
Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -
Ensure that notifications are sent to the sales team when a lead is added by using Slack.
Ensure that leads have a review stage added to the sales process.
Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
Fields for the doctor's name and phone number must be displayed in the customer record.
The doctor entered on the customer's record must be validated against doctors that exist in the system.
.
The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
The solution must be error free so that when it is installed in other environments it does not cause issues.

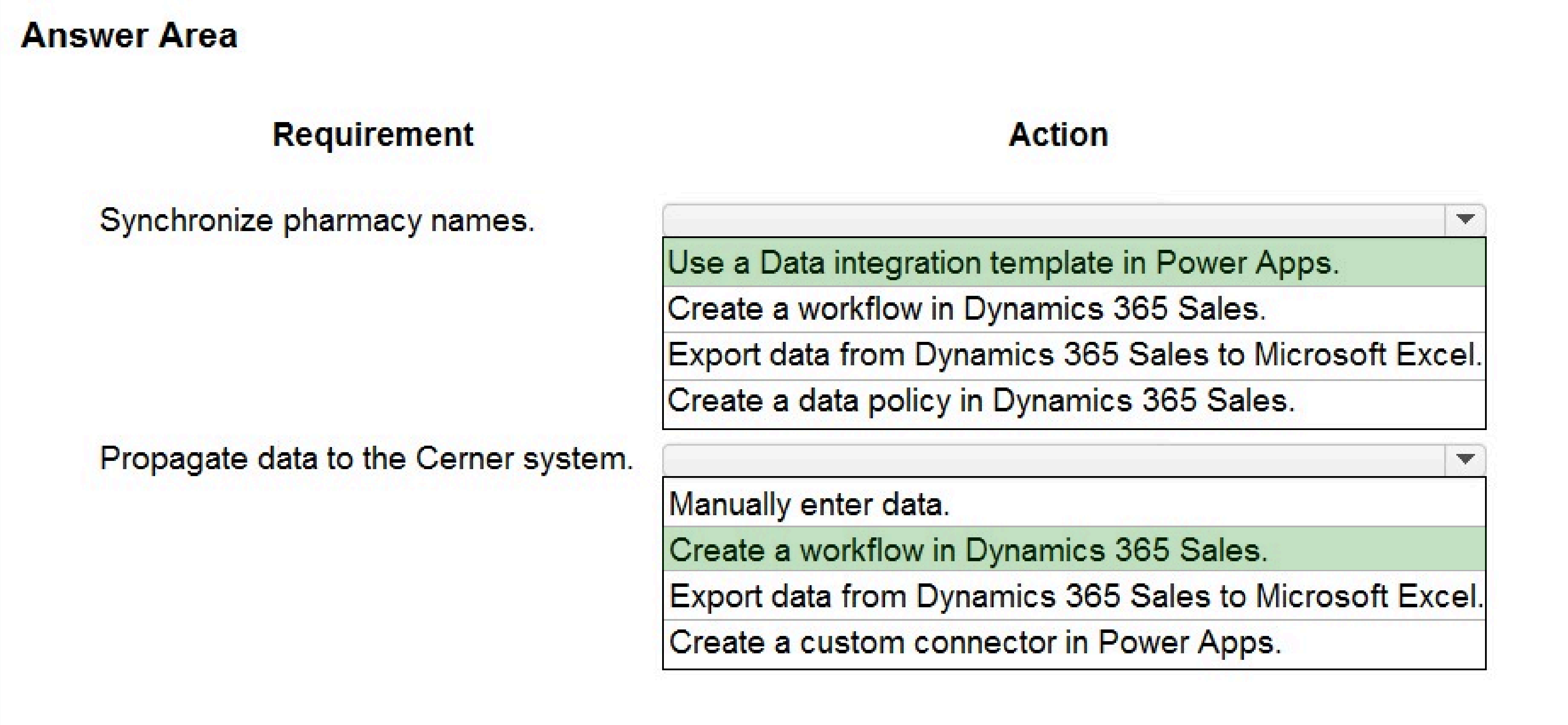
Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question
HOTSPOT -
You need to synchronize pharmacy names and ensure that Dynamics 365 Sales data propagates correctly to the Cerner system.
What should you do? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Requirement	Action
Synchronize pharmacy names.	Use a Data integration template in Power Apps. Create a workflow in Dynamics 365 Sales. Export data from Dynamics 365 Sales to Microsoft Excel. Create a data policy in Dynamics 365 Sales.
Propagate data to the Cerner system.	Manually enter data. Create a workflow in Dynamics 365 Sales. Export data from Dynamics 365 Sales to Microsoft Excel. Create a custom connector in Power Apps.

Correct Answer:



Box 1: Use a Data Integration template in Power Apps.

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Note: The Data Integrator (for Admins) is a point-to-point integration service used to integrate data into Dataverse. It supports integrating data between Finance and Operations apps and Dataverse. It also supports integrating data into Finance and Operations apps and Dynamics 365 Sales.

The Data Integrator (for Admins) consists of the Data Integration platform, out-of-the-box templates provided by our application teams (for example, Finance and

Operations apps and Dynamics 365 Sales) and custom templates created by our customers and partners.

Box 2: Create a workflow in Dynamics 365 Sales.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

Note: Start When: Use the options in this section to specify when a workflow should start automatically. You can configure a real-time workflow to be run before certain events. This is a very powerful capability because the workflow can stop the action before it occurs. The options are:

- Record is created
- Record status changes
- Record is assigned

Record fields change -

▪

- Record is deleted

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/data-integrator

NyarukouSAMA 4 months, 3 weeks ago

It looks like the first one is correct because it is said the company plans to implement d365 Sales and Finance. So data synchronization between those is possible with the help of data synchronization (data integrator).

The second one also looks ok. Potentially it could be a custom connector (it also fits), but we have some additional requirements, such as "avoid using custom code and connectors as much as possible".

upvoted 2 times

Topic 22 - Testlet 21

Question #1 *Topic 22*

Introductory Info

Case study -

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Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project. Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.

Users must initiate address validation by selecting a button on the command bar.

The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.

The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.

The user must re-enter the address information to trigger validation.

Requirements. Driving record verification

Driving record verification must only be performed once for each candidate.

Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Requirements. Background check verification

Background check verification must be performed only once for each candidate.

The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.

The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.

The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.

The content and number of stage values is subject to change. The HR department must be able to update the stage values.

In cases where further investigation is required, users must manually update the value to reflect the final result.

Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.

The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -

Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.

Issues. Background check verification

While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14           },
AV15           . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

You need to configure the app to meet the address verification requirements.

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

NOTE: Each correct selection is worth one point.

A. Make the address fields read-only after they have been verified.

B. Open a confirmation dialog when the command bar button is selected.

C. Enable the command bar button only when the address shows as not verified.

D. Clear the field indicating the address is valid when an address field changes.

Correct Answer: *AC*

Note: Requirements. Driving record verification

â€¢ Driving record verification must only be performed once for each candidate.

â€¢ Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

â€¢ The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Community vote distribution

CD (100%)

Kepty Highly Voted 1 year, 5 months ago

Selected Answer: CD

The question is about address verification, but answers are for driving records verification... CD is the correct answer...

upvoted 10 times

northstar88 Highly Voted 1 year, 5 months ago

Selected Answer: CD

Address requirement:

> The system must perform address validation any time an address is added or updated in the model-driven app user interface.

> Validation must not be performed unless an address is changed.

> Users must initiate address validation by selecting a button on the command bar.

> The user must re-enter the address information to trigger validation.

From those, we can get 2 points:
1.) Address can be changed after it's verified.
2.) Ability to run validation can be disabled if there are no changes to the address.

So C&D.
upvoted 6 times

TheExamMaster2020 Most Recent 1 year, 3 months ago
I had this case on my exam on 27/10/2022. I don't remember if this specific question was asked.
upvoted 2 times

Question #2 Topic 22

Introductory Info

Case study -

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Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project.

Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.
Users must initiate address validation by selecting a button on the command bar.
The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.
The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.
The user must re-enter the address information to trigger validation.
Requirements. Driving record verification
Driving record verification must only be performed once for each candidate.
Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.
The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.
Requirements. Background check verification
Background check verification must be performed only once for each candidate.
The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.
The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.
The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.
The content and number of stage values is subject to change. The HR department must be able to update the stage values.
In cases where further investigation is required, users must manually update the value to reflect the final result.
Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.
The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -
Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
Issues. Background check verification
While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14          },
AV15          . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

You need to configure the solution to meet the requirements for driving record verifications.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create an Azure Logic Apps connector.

B. Use a connector provided by the driving record verification service.

C. Share a custom connector for the driving record verification service with a member of the talent department.

D. Share the flow with a member of the talent department.

Correct Answer: *BC*

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. Driving record verification

⇨ Driving record verification must only be performed once for each candidate.

⇨ Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

⇨ The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Community vote distribution

AC (100%)

northstar88 Highly Voted 1 year, 5 months ago

I'll go with A&C.

The reason for A is the driving record verification service only provides OpenAPI definition, not the custom connector itself. We still have to create a custom connector by importing the OpenAPI definition into the custom connector.

C is because the HR department is the one responsible to renew the password once it's expired. HR department need to have access to the connector so they can update the password in the security section.

upvoted 14 times

BolDeFruits Highly Voted 11 months, 1 week ago

id go with c&d simply because you would need to share the custom connector and the flow to the team so they can use it.

upvoted 5 times

Dips512 Most Recent 4 months, 2 weeks ago

They ask for two possible ways not the actions in sequence. So,
one way is the connector provided by service -B
and second is the custom connector shared with HP dept-C

upvoted 1 times

NyarukouSAMA 5 months ago

Selected Answer: AC

We don't have a connector, only the definition, so we need to create it

upvoted 1 times

Net_IT 6 months, 3 weeks ago

I think it's A & B.
Answers C & D talk about a 'talent' department wihch isn't involved in the case study at all.

upvoted 2 times

nwmc 6 months, 2 weeks ago

i guess the talent department is the HR departement

upvoted 3 times

ak1447 8 months, 4 weeks ago

I think A & C are the right answers as verification service provides OpenAPI definition & not a connector so you still need to create a custom connector and then share it with the HR/Talent department

upvoted 1 times

Question #3 *Topic 22*

Introductory Info

Case study -

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Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

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Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project. Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.

Users must initiate address validation by selecting a button on the command bar.

The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.

The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.

The user must re-enter the address information to trigger validation.

Requirements. Driving record verification

Driving record verification must only be performed once for each candidate.

Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Requirements. Background check verification

Background check verification must be performed only once for each candidate.

The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.

The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.

The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.

The content and number of stage values is subject to change. The HR department must be able to update the stage values.

In cases where further investigation is required, users must manually update the value to reflect the final result.

Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.

The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -

Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.

Issues. Background check verification

While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
var parameters = {};
parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
. . .
var contoso_ValidateAddressRequest = {
    Line1In: parameters.Line1In,
   . . .
   getMetadata: function () {
     return {
       boundParameter: null,
       parameterTypes: {
         "Line1In": {
           "typeName": "Edm.String",
           "structuralProperty": 1
          },
          . . .
       },
       operationType: 0,
       operationName: "northwind_ValidateAddress"
     };
   }
 };

Xrm.WebApi.online.execute(ACTIONNAME).then(
  function success(result) {
     . . .
  },
  function error(error) {
     . . .
  }
);
```

Question

HOTSPOT -

You need to implement the driving record check functionality.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Implementation option
Trigger a driving record check	After the address validation field is saved to Dataverse After the address validation field changes on the screen Before the address validation field is saved to Dataverse
Perform a driving record check	Plug-in JavaScript Cloud flow

Correct Answer:

Answer Area

Requirement	Implementation option
Trigger a driving record check	After the address validation field is saved to Dataverse **After the address validation field changes on the screen** Before the address validation field is saved to Dataverse
Perform a driving record check	Plug-in JavaScript **Cloud flow**

Box 1: After the address validation field changes on the screen

Step 1, comments: The address verification process provides a response almost immediately on the screen

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Box 2: Cloud Flow -

Driving record verification -

The company has provided an OpenAPI document to describe its RESTFUL Api.

Use Custom APIs to create your own APIs in Dataverse. You can consolidate one or more operations into a Custom API that you and other developers can call in their code or from Power Automate. The Microsoft Dataverse connector enables calling actions in Power Automate.

Reference:

https://docs.microsoft.com/en-us/power-apps/developer/data-platform/custom-api

MarioM Highly Voted 1 year, 5 months ago

Trigger should happen once address is saved to Dataverse. Once its on screen, address can be re-entered and invalidated.

upvoted 16 times

At09 Most Recent 4 months, 3 weeks ago

"driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified" so it should be triggered automatically User is not going wait and staring at screen .. its when its saved.

upvoted 1 times

devsupport 5 months ago

Could it be a PreOperation plug-in, so 3-1?

upvoted 1 times

BolDeFruits 11 months, 1 week ago

answers are obviously when data is save to dataverse & cloud flow.

upvoted 3 times

justin_s 1 year, 1 month ago

Answer is 2, 2. No (Nowhere says) need to save to Dataverse.

upvoted 1 times

alevalli9 11 months, 2 weeks ago

You need a trigger to call the service and it can't be "when a field changes on the screen"

upvoted 4 times

HiJaak 5 months ago

"Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified."

this means it shoud start "after the field changes on screen" as the result of the validation, because the validation API "must return a version of the address in a uniform format. The returned address must replace the address entered by the user."

upvoted 1 times

Question #4 Topic 22

Introductory Info

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Current Environment -

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Verification process -

Step	Action	Comments
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3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

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The user must re-enter the address information to trigger validation.
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The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.
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Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.
The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -
Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
Issues. Background check verification
While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

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You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

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AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14          },
AV15          . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

HOTSPOT -

You need to configure the environments.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Action
Configure the development environment	Compile the plug-in in debug mode Enable trace logging in the environment Install the plug-in profiler solution in the environment
Configure the production environment	Write code to throw an InvalidPluginExecutionException exception Write information to the trace log Enable trace log in the environment

Correct Answer:

Answer Area

Requirement	Action
Configure the development environment	Compile the plug-in in debug mode Enable trace logging in the environment Install the plug-in profiler solution in the environment
Configure the production environment	Write code to throw an InvalidPluginExecutionException exception Write information to the trace log Enable trace log in the environment

Box 1: Compile the plug-in in debug mode

Development: You must be able to step through code and inspect the value of variables.

Box 2: Enable trace log in the environment

Production: You must be able to view tracing service logs.

northstar88 Highly Voted 1 year, 5 months ago

Box 1: Compile the plug-in in debug mode. -> I think should be "Install the plug-in profiler solution in the environment."
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/tutorial-debug-plug-in
Box 2: Enable trace log in the environment. -> Correct. The requirement is must be able to VIEW tracing logs.

upvoted 18 times

alevalli9 Highly Voted 11 months, 2 weeks ago

1. Install the plug-in profiler because we also need to step through variable values
2. Enable trace log in the environment to check logs as requested

upvoted 5 times

Net_IT Most Recent 6 months, 3 weeks ago

1. Install the plug-in profiler solution in the environment

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/tutorial-debug-plug-in?tabs=prt

https://learn.microsoft.com/en-us/power-platform/developer/devtools-vs#install-the-plug-in-profiler

2. Enable trace log in the environment

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/logging-tracing#enable-trace-logging

upvoted 2 times

ziggy1117 6 months, 3 weeks ago

1. Install the plug-in profiler
2. Enable trace log

upvoted 4 times

Question #5 *Topic 22*

Introductory Info

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The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
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Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project.

Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.
Users must initiate address validation by selecting a button on the command bar.
The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.
The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.
The user must re-enter the address information to trigger validation.
Requirements. Driving record verification
Driving record verification must only be performed once for each candidate.
Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.
The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.
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Background check verification must be performed only once for each candidate.
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Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.
The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
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Issues. Address verification -
Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
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While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

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AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
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AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14          },
AV15          . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

HOTSPOT -

You need to configure the address verification API.

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

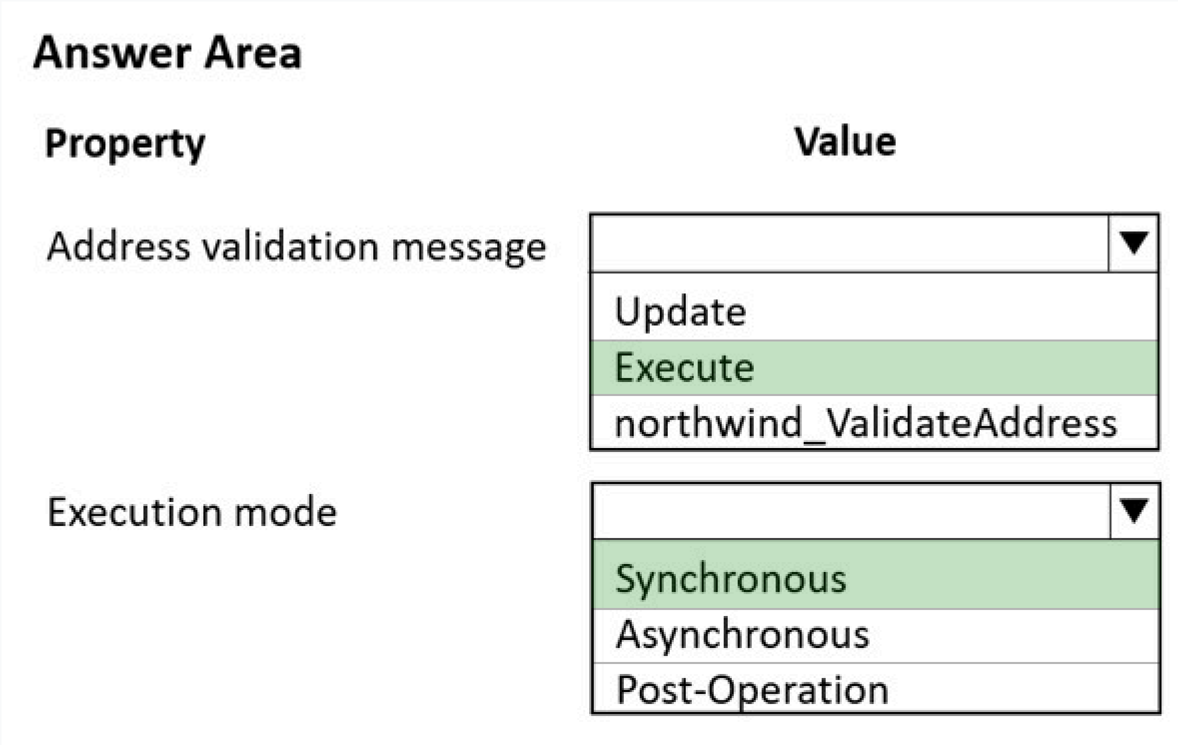
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Property	Value
Address validation message	Update Execute northwind_ValidateAddress
Execution mode	Synchronous Asynchronous Post-Operation

Correct Answer:



Box 1: Execute -

You need to configure the address verification API.

Action: A user enters the candidate address into a third-party website to verify that the address entered is valid.

Box 2: Synchronous -

The address verification process provides a response almost immediately on screen.

Flatternschuchtern Highly Voted 1 year, 5 months ago

> Users must initiate address validation by selecting a button on the command bar.

This means JS will trigger custom action, and its message has to be northwind_ValidateAddress

upvoted 9 times

Vinodds 1 year, 4 months ago

I agree

upvoted 1 times

MarioM Most Recent 1 year, 5 months ago

address validation message - update, there are no other messages in PA from answers b/c.

upvoted 4 times

Question #6 *Topic 22*

Introductory Info

Case study -

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Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

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Use of Microsoft

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Requirements. Address verification

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The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.
The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.
The content and number of stage values is subject to change. The HR department must be able to update the stage values.
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Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.
The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -
Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
Issues. Background check verification
While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14          },
AV15          . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

HOTSPOT -

You need to design functionality to process background check results.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Implementation option
Select an implementation pattern	Push Pull Event-based
Apply stage changes to Dataverse	Update Upsert Alternate key

Correct Answer:

Answer Area

Requirement	Implementation option
Select an implementation pattern	Push / **Pull** / Event-based
Apply stage changes to Dataverse	**Update** / Upsert / Alternate key

Box 1: Pull -

After submitting candidate information, users must periodically check the website to see if a response has been posted.

Box 2:

The background check process goes through a number of stages before reaching the final result.

Need just to update the state changes, not to insert.

Note:

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Reference:

https://docs.microsoft.com/en-us/power-apps/developer/data-platform/use-upsert-insert-update-record

Vinodds Highly Voted 1 year, 4 months ago

1st need to be event based as it says. The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

upvoted 9 times

MarioM Highly Voted 1 year, 5 months ago

pull/upsert - as status can not only be updated, but also inserted in case new status value is retrieved (subjct to change)

upvoted 8 times

Question #7 *Topic 22*

Introductory Info

Case study -

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Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
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Service providers -

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Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

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Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

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Requirements. Address verification

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Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -
Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
Issues. Background check verification
While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

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You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

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AV24     . . .
AV26   },
AV27   function error(error) {
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AV29   }
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```

Question

You need to resolve the address validation API error.

Which method should you use to connect?

A. an Azure function triggered by a webhook

B. JavaScript code

C. a custom connector used in a cloud flow

D. a plug-in attached to a custom action called from JavaScript

Correct Answer: *C*

* Issues. Address verification

Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.

* Cross-origin resource sharing (CORS) is disabled for all three APIs.

Community vote distribution

C (100%)

ziggy1117 6 months, 3 weeks ago

Selected Answer: C

C is answer. This I can clearly verify.. i always get CORS issues running an API from a Javascript code or Azure Function. However, if you are able to use Power Automate there is no CORS issue

upvoted 2 times

SushiFlango 8 months, 3 weeks ago

man is hard because i can do this with all alternatives.

But I go with b because if you use a custom connector you need javascript if you do with action you need javascript to

upvoted 2 times

sunnysaru92 8 months, 3 weeks ago

Selected Answer: C

C is correct

upvoted 1 times

vrpexamtopics 1 year, 1 month ago

The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.
Also the verification should be triggered by a button.
We need an action and a plugin in synchronious mode. Cloud flow is async and cannot return an error back to the user.

upvoted 1 times

mikarus 10 months ago

You're wrong in your assumption that cloud flow is async. You can fetch the return value of a cloud flow in JS. See https://medium.com/@furkankaracan/dynamics-365-call-power-automate-flow-from-javascript-26f69f3f9824

upvoted 1 times

MarioM 1 year, 5 months ago

why not other options?

upvoted 2 times

Vinodds 1 year, 4 months ago

Because it has provided open API definition.

upvoted 1 times

Elliot4565 1 year, 4 months ago

I think because it is the simplest to implement, no code.

upvoted 2 times

Question #8 *Topic 22*

Introductory Info

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AV08       return {
AV09         boundParameter: null,
AV10         parameterTypes: {
AV11           "Line1In": {
AV12             "typeName": "Edm.String",
AV13             "structuralProperty": 1
AV14           },
AV15           . . .
AV16         },
AV17         operationType: 0,
AV18         operationName: "northwind_ValidateAddress"
AV19       };
AV20     }
AV21   };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

HOTSPOT -

You need to correct the JavaScript code that communicates with the address verification API.

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
You must replace ACTIONNAME in line AV22 with northwind_ValidateAddress	○	○
You can add code at line AV28 to display an error message returned by the address validation API.	○	○
Calling the address validation API from the custom action eliminates the error reported by users.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
You must replace ACTIONNAME in line AV22 with northwind_ValidateAddress	○	◉
You can add code at line AV28 to display an error message returned by the address validation API.	◉	○
Calling the address validation API from the custom action eliminates the error reported by users.	○	◉

vrpexamtopics Highly Voted 1 year, 1 month ago

There are several related questions and all poiting to an action + a plugin for address validation. So answer is:
No - should be changed to contoso_ValidateAddressRequest
Yes - it's obvious
Yes - server call from a plugin will fix the Origin issue
upvoted 9 times

Flatternschuchtern Highly Voted 1 year, 5 months ago
1) Yes
2) Yes, if the action rethrows it into InvalidPluginExecutionException
3) No
upvoted 9 times

Vinodds 1 year, 4 months ago
For 2nd I will say no. Because we are not aware of plugin code. It can also show plugin internal error.
upvoted 2 times

Pipifot 1 year, 3 months ago
True,but question says " You can use this line to display an error message". truth is you can indeed use this line to display an error message.
So answer is Yes
upvoted 1 times

Gopher2 Most Recent 5 months, 1 week ago
2) NO, because this is an asynchronous call
upvoted 1 times

HiJaak 5 months ago
Why 2 is an asyncronous call? - "The address verification process provides a response almost immediately on screen."
So 2 should be YES.
upvoted 1 times

lezzles11 6 months, 1 week ago
1. No
should be xrm.webapi.online.execute(contoso_validateAddress)
https://learn.microsoft.com/en-us/power-apps/developer/model-driven-apps/clientapi/reference/xrm-webapi/online/execute
2. Yes
3. No
upvoted 2 times

alevalli9 11 months, 2 weeks ago
I agree with people sayng No, Yes, No. Provided answers are correct.
upvoted 2 times

MarioM 1 year, 2 months ago
1-N
2-Y
3-N
upvoted 5 times

Topic 23 - Testlet 3

Question #1 *Topic 23*

Introductory Info

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Northwind Electric Cars' ride sharing service is growing rapidly. The company is expanding to offer ride sharing in new cities. The company reports that their ability to perform background checks for potential employees is outpacing the capacity of the human resources (HR) department. The current background check process requires significant manual work.

Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

Each of the third-party services has an API available. Northwind wants to automate the verification process by calling the APIs from a Microsoft Power Platform solution.

Each of the third-party services charge per result. Northwind wants to perform the background check processes only when necessary to minimize costs.

Cross-origin resource sharing (CORS) is disabled for all three APIs.

Service provider	Comments
Address verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses an API key for authentication.
Driving record verification	• The company has provided an OpenAPI document to describe its RESTful API. • The service uses a username and password for authentication. • The password expires periodically and must be changed by a member of the HR department.
Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project. Use of Microsoft

Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.

Users must initiate address validation by selecting a button on the command bar.

The API must return a version of the address in a uniform format. The returned address must replace the address entered by the user.

The API must return an error if the address entered cannot be validated. If the API returns an error, the user must contact the candidate to resolve the issue.

The user must re-enter the address information to trigger validation.

Requirements. Driving record verification

Driving record verification must only be performed once for each candidate.

Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Requirements. Background check verification

Background check verification must be performed only once for each candidate.

The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.

The API must return a submission identification number to the caller. The identification number can be used to return the latest stage information from the service.

The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.

The content and number of stage values is subject to change. The HR department must be able to update the stage values.

In cases where further investigation is required, users must manually update the value to reflect the final result.

Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.

The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
Production	You must not install debug solutions or development tools. You must be able to view tracing service logs.

Issues. Address verification -

Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.

Issues. Background check verification

While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

```
AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14           },
AV15           . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

HOTSPOT -

You need to configure a connector for the driving record verification API.

How should you configure the system? To answer, select the appropriate options in the answer area.

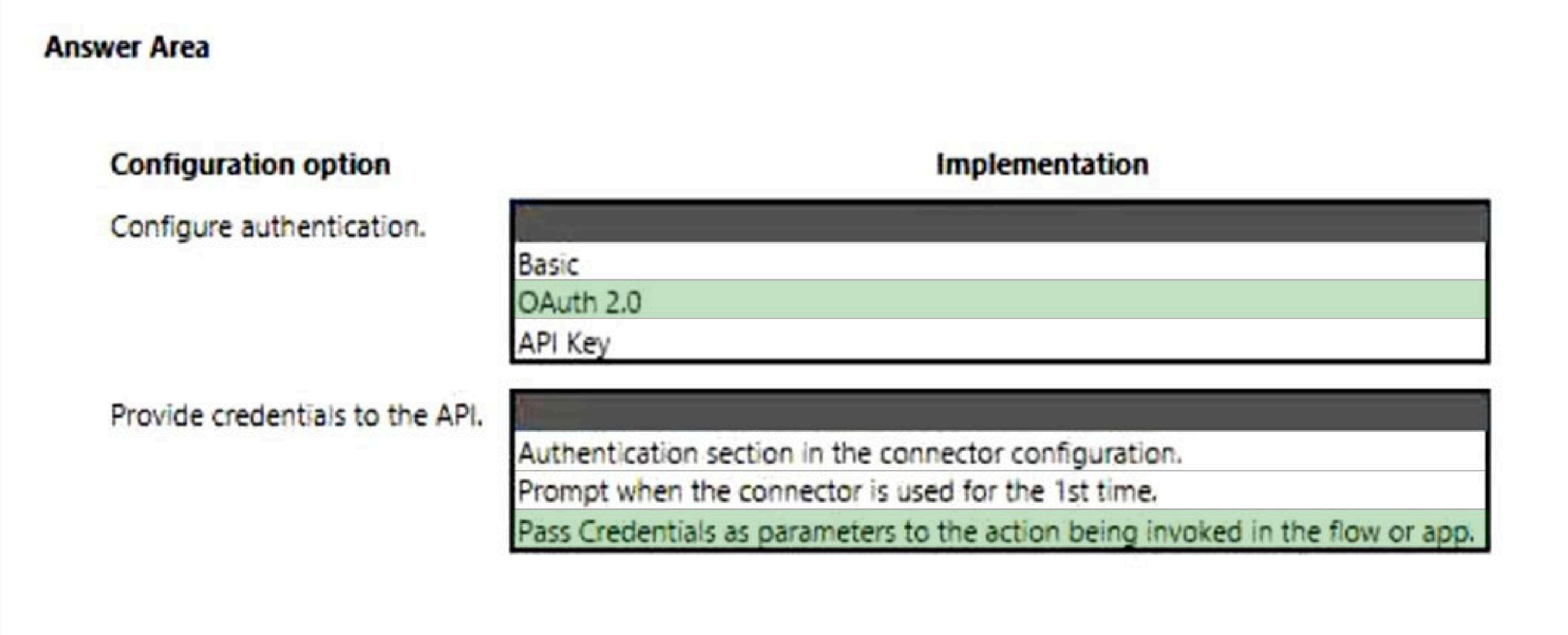
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Configuration option	Implementation
Configure authentication.	Basic OAuth 2.0 API Key
Provide credentials to the API.	Authentication section in the connector configuration. Prompt when the connector is used for the 1st time. Pass Credentials as parameters to the action being invoked in the flow or app.

Correct Answer:



Box 1: OAuth 2.0 -

Use API keys if you expect developers to build internal applications that don't need to access more than a single user's data. Use OAuth access tokens if you want users to easily provide authorization to applications without needing to share private data or dig through developer documentation.

Requirements. Driving record verification

ג€¢ Driving record verification must only be performed once for each candidate.

ג€¢ Information required for driving record verification must be sent to the driving record verification service automatically after the candidate's address is verified.

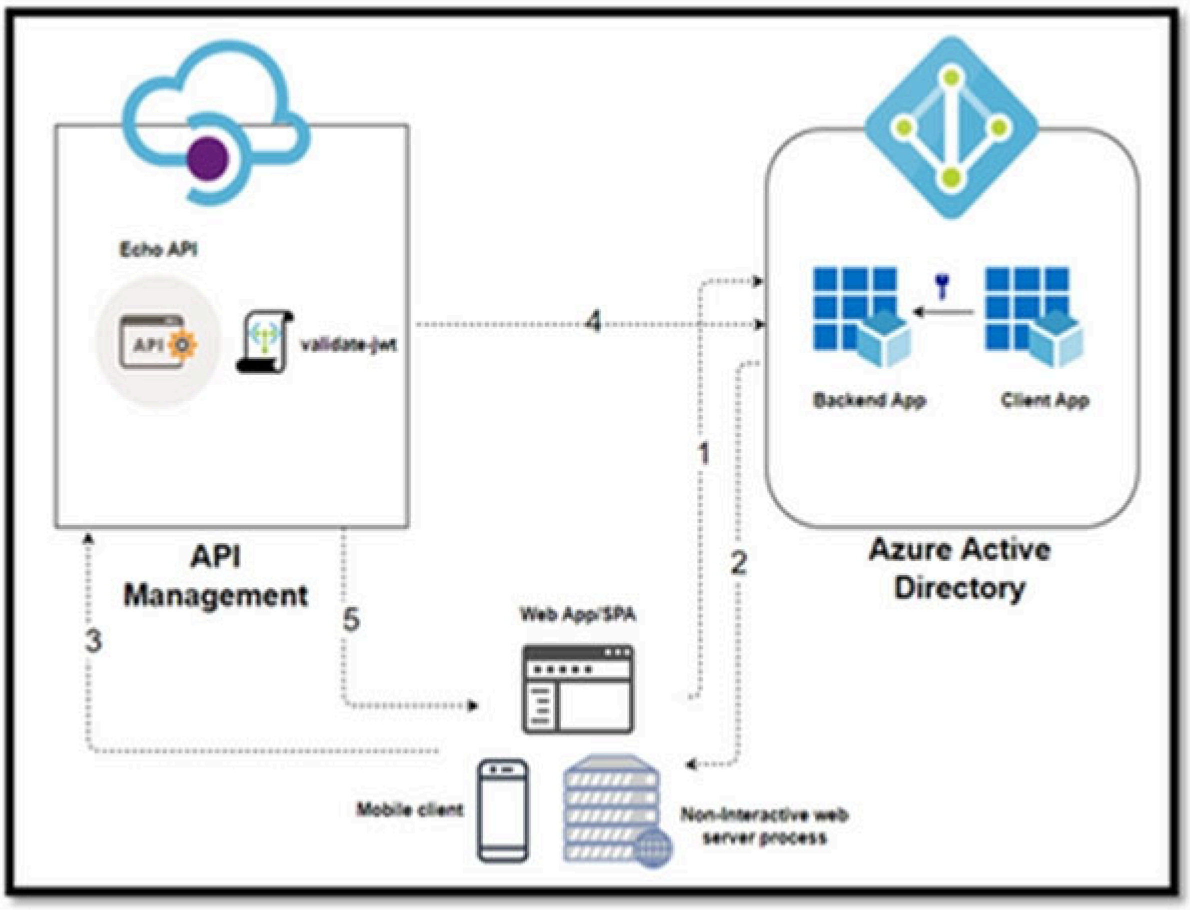
ג€¢ The API must return a value of either Approved or Rejected to indicate whether the candidate has met the company's requirements.

Box 2: Pass Credentials as parameters

User makes an API call with the authorization header and the token gets validated by using validate-jwt policy in APIM by Azure AD.

Note, see step 4 below.

In this Diagram we can see the OAUTH flow with API Management in which:



1. The Developer Portal requests a token from Azure AD using app registration client id and client secret.
2. In the second step, the user is challenged to prove their identity by supplying User Credentials.
3. After successful validation, Azure AD issues the access/refresh token.
4. User makes an API call with the authorization header and the token gets validated by using validate-jwt policy in APIM by Azure AD.
5. Based on the validation result, the user will receive the response in the developer portal.

Reference:

https://zapier.com/engineering/apikey-oauth-jwt/

https://techcommunity.microsoft.com/t5/azure-paas-blog/protect-api-s-using-oauth-2-0-in-apim/ba-p/2309538

northstar88 Highly Voted 1 year, 5 months ago

Driver record verification: The service uses a username and password for authentication.
I think it should be:

Basic
Authentication section in the connector configuration
upvoted 22 times

Net_IT Most Recent 6 months, 3 weeks ago
1. Basic
2. Authentication section in the connector configuration

The case study clearly says 'The Driving Record verification service uses a username and password for authentication.'

https://learn.microsoft.com/en-us/training/modules/configure-custom-connectors-api/2-authentication
upvoted 1 times

nadien 8 months, 2 weeks ago
Service Provider section specifically says API key.
How to use API Key:
https://learn.microsoft.com/en-us/connectors/custom-connectors/connection-parameters
So it should be 1-C and 2-B, no?
upvoted 1 times

Frank208 9 months, 3 weeks ago
It is weird to include credentails in the url as parameters (query string). It should be in the body of the http request. Hence it should be configured in the autentication section, so that the credentails will go into the header of the http request.
upvoted 1 times

Frank208 9 months, 3 weeks ago
correction: It should be in the header of the http request (not body). Hence, I choose "authentication section"
upvoted 1 times

Question #2 *Topic 23*

Introductory Info

Case study -

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Background -

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Current Environment -

The HR department uses a model-driven app to manage candidate information. Regional managers report that it is difficult to determine where a candidate is in the background check process without having to contact HR.

The IT department performs all system customizations.

Verification process -

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Service providers -

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Background check	• The company has provided a WSDL document to describe its SOAP-based API. • An SSL certification has been issued to use for authentication.

Requirements. General -

This project is a top priority for the Northwind. The company has provided time for developers to write code as needed to support the project.

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Azure resources is approved for use if necessary.

Requirements. Address verification

The system must perform address validation any time an address is added or updated in the model-driven app user interface.

Validation must not be performed unless an address is changed.
Users must initiate address validation by selecting a button on the command bar.
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The candidate's information must be sent to the background check service automatically if the candidate's driving record check is approved.
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The API also returns one of ten possible values. The value returned identifies the current stage of the verification process. The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.
The content and number of stage values is subject to change. The HR department must be able to update the stage values.
In cases where further investigation is required, users must manually update the value to reflect the final result.
Regional managers must be able to use the model-driven app to identify the current stage of each of the verification processes for any candidate. The solution must include fields for the candidate's record to represent each stage.
The solution must connect to the service and update the background check stage for candidates at least once per hour for incomplete background checks.

Requirements. Environments -

Environment	Comments
Development	You must be able to step through code and inspect the value of variables.
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Users report that the address verification API returns the following error message: The Same Origin Policy disallows reading the remote resource.
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While reviewing API information for the background check verification process you observe that the API uses an IP address and not a fully-qualified domain name.

Code -

AddressVerificationAPI.js -

You create a custom action to communicate with the address verification API by using the following code. (Line numbers are included for reference only.)

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AV01 var parameters = {};
AV02 parameters.Line1In = formContext.getAttribute("address1_line1").getValue();
AV03 . . .
AV04 var contoso_ValidateAddressRequest = {
AV05     Line1In: parameters.Line1In,
AV06    . . .
AV07    getMetadata: function () {
AV08      return {
AV09        boundParameter: null,
AV10        parameterTypes: {
AV11          "Line1In": {
AV12            "typeName": "Edm.String",
AV13            "structuralProperty": 1
AV14          },
AV15          . . .
AV16        },
AV17        operationType: 0,
AV18        operationName: "northwind_ValidateAddress"
AV19      };
AV20    }
AV21  };

AV22 Xrm.WebApi.online.execute(ACTIONNAME).then(
AV23   function success(result) {
AV24     . . .
AV26   },
AV27   function error(error) {
AV28     . . .
AV29   }
AV30 );
```

Question

You need to implement the background verification check stage field.

Which type of field should you use?

A. Choice

B. Status

C. Choices

D. Lookup

Correct Answer: *B*

The solution must include fields for the candidate's record to represent each stage.

Step	Action	Comments
1	A user enters the candidate's address into a third-party website to verify that the address entered is valid.	The address verification process provides a response almost immediately on screen.
2	The user telephones a different third-party company and provides the candidate's information. The third-party company verifies that the candidate has an acceptable driving record.	The process of verifying driving records can take more than a minute to complete. The user must wait on the phone call to receive a result.
3	The user submits the candidate's information to a third-party website that performs in-depth background checks. After submitting candidate information, users must periodically check the website to see if a response has been posted.	The background check process may take as little as five minutes or as long as several days. The background check process goes through a number of stages before reaching the final result.

Community vote distribution

D (78%) A (22%)

No_Doubt Highly Voted 1 year, 3 months ago

Selected Answer: D

It's a lookup! Answer is D
The returned value may signify whether the candidate is automatically rejected, automatically passed, or calls for further manual investigation.
The content and number of stage values is subject to change. The HR department must be able to update the stage values.
Are we going to ask the HR department to enter the customizations and change the optionset choice value? surely NO!

upvoted 6 times

DimpleG Highly Voted 1 year ago

Selected Answer: D

The HR department must be able to update the stage values.

upvoted 5 times

ziggy1117 Most Recent 6 months, 3 weeks ago

Selected Answer: D

D. Lookup.

HR department needs to modify the data and it cannot be done via a choice column or any other column for that matter

upvoted 2 times

Kline 7 months, 4 weeks ago

Selected Answer: D

Always a look up

upvoted 1 times

AndreiAndreiG 7 months, 4 weeks ago

Selected Answer: D

D. Because values need to change.

upvoted 1 times

vpatel1826 1 year, 2 months ago

Selected Answer: D

upvoted 1 times

Vinodds 1 year, 4 months ago

Selected Answer: D

As it says The content and number of stage values is subject to change. The HR department must be able to update the stage values.

upvoted 3 times

BeginLearningforPP 1 year, 5 months ago

Selected Answer: A

Should be choice

upvoted 3 times

MarioM 1 year, 5 months ago

Selected Answer: A

Should be Choice (option set), as Status represents Active/Inactive. And requirement is to refrect 1 out of ten statuses on verification system.

upvoted 2 times

MarioM 1 year, 5 months ago

Sorry, it must be Lookup, because it says:
The content and number of stage values is subject to change. The HR department must be able to update the stage values.

upvoted 4 times

Topic 24 - Testlet 4

Question #1 *Topic 24*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.

Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

Annual revenue over $100,000

Annual revenues under $100,000

Research facilities

Hospitals

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

Customizations -

Ensure that notifications are sent to the sales team when a lead is added by using Slack.

Ensure that leads have a review stage added to the sales process.

Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

▪

The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

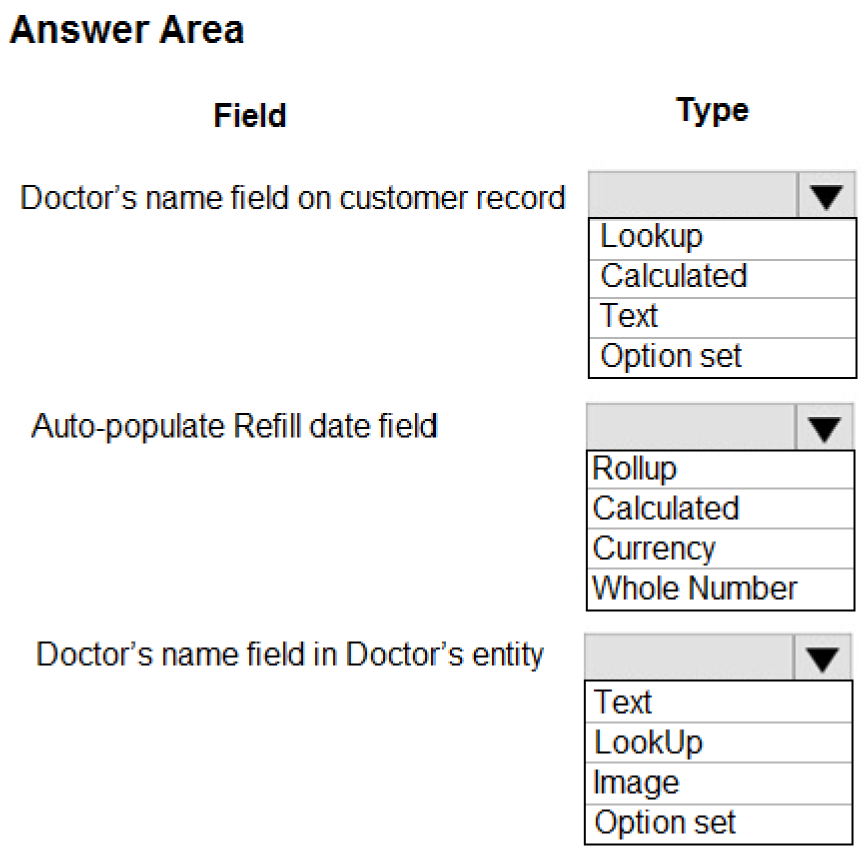
HOTSPOT -

You need to configure the fields with the appropriate type.

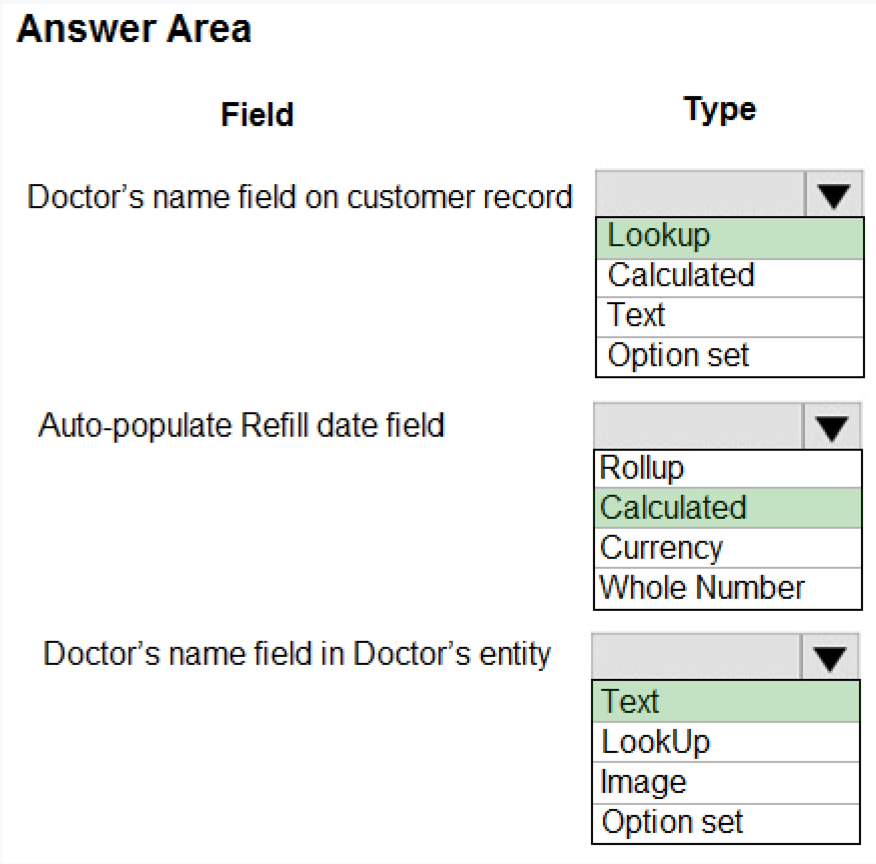
Which type should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



Box 1: Lookup -

Fields for the doctor's name and phone number must be displayed in the customer record.

Lookup: A field that allows setting a reference to a single record of a specific type of entity.

Box 2: Calculated -

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Calculated field: Contains calculations that use fields from the current entity or related parent entities.

Box 3: Text -

Field data type: Single Line of Text:

This field can contain up to 4,000 text characters. You can set the maximum length to be less than this. This field has several format options that will change the presentation of the text. These options are Email, Text, Text Area, URL, Ticker Symbol, and Phone.

Reference:

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

TestingCRM Highly Voted 2 years, 10 months ago

I believe that the given answers are correct

upvoted 17 times

alevalli9 Most Recent 11 months, 2 weeks ago

Correct to me

upvoted 1 times

JaheimYao 2 years, 3 months ago

Correct!!

upvoted 3 times

Menwall88 2 years, 6 months ago

Correct. Doctors name should just be text on Doctor entity for adding new doctors. Lookup from Customer entity to Doctor. Refill date is auto-calculated so Calculated makes most sense

upvoted 3 times

majklik 2 years, 9 months ago

I think so

upvoted 3 times

Question #2 *Topic 24*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.

Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

Annual revenue over $100,000

Annual revenues under $100,000

Research facilities

Hospitals

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

Customizations -

Ensure that notifications are sent to the sales team when a lead is added by using Slack.

Ensure that leads have a review stage added to the sales process.

Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

▪

The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

DRAG DROP -

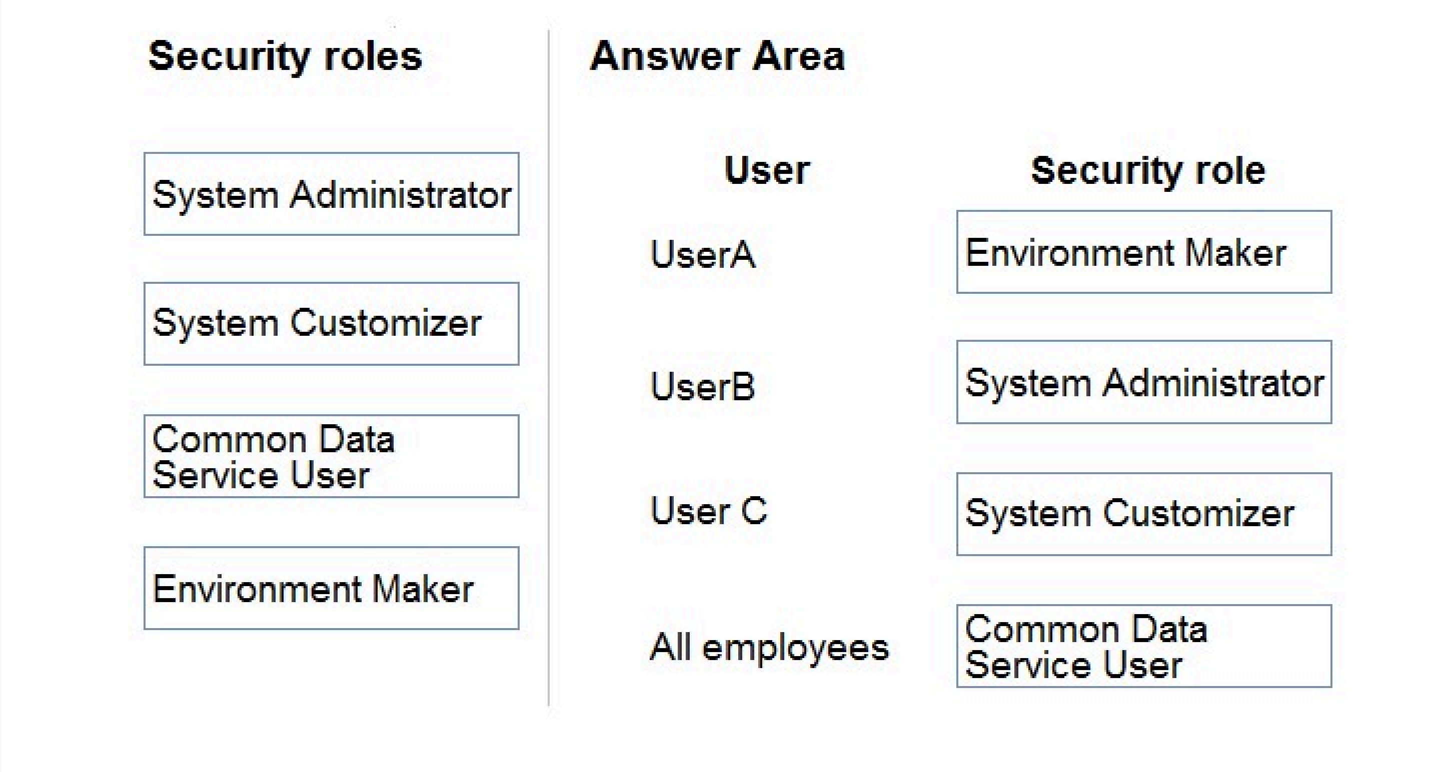
You need to assign the minimum environmental security role to the appropriate users.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Correct Answer:



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

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

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

Box 4: Common Data Service User -
To stay consistent with our product rebranding effort, the security role Common Data Service User is being changed to Basic User.
The Basic User security role primarily contains Basic privileges for core entities where the user can write, update, and delete records that they created or owned.
Reference:
https://docs.microsoft.com/en-us/power-platform/admin/environments-overview https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/privileges-required-customization#system-administrator-and-system-customizer-security- roles
https://docs.microsoft.com/en-us/power-platform-release-plan/2020wave2/data-platform/common-data-service-user-security-role-renamed-basic-user

ziggy1117 6 months, 3 weeks ago
answers provided are correct
environment maker
system admin
system customizer
common data service user
upvoted 4 times

stalee 7 months, 2 weeks ago
UserC needs permission for Security roles which is System Administrator. System Customer doesn't have permission to update security Roles.
So Answers should be
1. Environment Maker
2. System Customizer
3. System Administrator
4. Common Data Service User
upvoted 1 times

Net_IT 6 months, 3 weeks ago
The given answer by exam topics is correct.
For UserC read:

'Users who make apps that connect to the database and need to create or update entities and security roles must have the System Customizer role in addition to the Environment Maker role. The Environment Maker role doesn't have privileges on the environment's data.'

https://learn.microsoft.com/en-us/power-platform/admin/database-security#environments-with-a-dataverse-database

There is a difference between updating a security role and changing privliges.

upvoted 1 times

alevalli9 11 months, 2 weeks ago

Correct

upvoted 1 times

jagibe 1 year, 5 months ago

Correct

upvoted 2 times

Question #3 *Topic 24*

Introductory Info

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Background -

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The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.

Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

Annual revenue over $100,000

Annual revenues under $100,000

Research facilities

Hospitals

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

Customizations -

Ensure that notifications are sent to the sales team when a lead is added by using Slack.

Ensure that leads have a review stage added to the sales process.

Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.

Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

▪

The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

You need to create an application to deploy to other pharmacies.

What should you do?

A. Recreate customizations in a new environment.

B. Create a customer connector to connect the pharmacies' systems to the company's systems.

C. Export the solution as a managed solution.

D. Write a Web API to move customizations.

Correct Answer: *C*

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

Dataverse environment.

Reference:

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

alevalli9 11 months, 2 weeks ago

Correct

upvoted 4 times

jagibe 1 year, 5 months ago

correct

upvoted 3 times

Question #4 *Topic 24*

Introductory Info

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All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.

Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

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Annual revenues under $100,000

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Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

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The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

DRAG DROP -

You need to set up security to meet the requirements.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Correct Answer:

Box 1: Field level security -
Only supervisors must be able to view phone numbers in the Accounts form.
You use field security tables to apply field-level security, which restricts field access to specified users and teams. The scope of field-level security is global, which means that it applies to all records within the organization, regardless of the business unit hierarchical level to which the record or the user belongs. Field security works in all Microsoft Dataverse clients, including the Web client, Dynamics 365 for Outlook, and Dynamics. It applies to all components, such as the Dataverse web services, reports, search, offline, filtered views, auditing, and duplicate detection.

Box 2: Team Security -
Sales users must only have access to their own records.
Owner team: An owner team owns records and has security roles assigned to the team. A user's privileges can come from their individual security roles, those of the teams that they're part of or the ones they inherit. A team has full access rights on the records that the team owns. Team members are added manually to the owner team.

Box 3: Environment security -
Developers must be able to create new apps for all users.
Environment maker: Can create new resources associated with an environment, including apps, connections, custom APIs, gateways, and flows using Microsoft
Power Automate. However, this role doesn't have any privileges to access data within an environment.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/field-security-entities https://docs.microsoft.com/en-us/power-platform/admin/database-security https://docs.microsoft.com/en-us/power-platform/admin/manage-teams#types-of-teams

Vinodds Highly Voted 1 year, 4 months ago
I think for salespeople it should be security role.
upvoted 10 times

NewGeneration Highly Voted 1 year, 2 months ago
I agree with you, because "Sales users must only have access to their own records." not to team records. So salespeople should have security role.
upvoted 5 times

NyarukouSAMA Most Recent 4 months, 3 weeks ago
I think the second one is the security role.
The third one is security roles as well because Environment security mechanisms this is about the creation of security groups and adding users and groups to the environment.
https://learn.microsoft.com/en-us/power-platform/admin/control-user-access
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
salespeople should have security roles with the table set to User
upvoted 2 times

alevalli9 11 months, 2 weeks ago
I'm not sure about the second one since we have a user/team security access level for a role in Dataverse. "Their own records" means they need user/team security level access
upvoted 1 times

justin_s 1 year, 1 month ago

Environment Maker is not Environment Security, it is a security role.
Row level security is also implemented by security role.

upvoted 4 times

Topic 25 - Testlet 5

Question #1 *Topic 25*

Introductory Info

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)

UR01
UR02 var data = {
       "name" : "Updated Account ",
       "creditonhold": true,
       "description" : "This is an account update",
       "revenue" : 10,000,
       "Division" : 2
       }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

You need to determine the primary cause of the issue reported by interns when they use the app.

What is the primary cause?

A. Interns have the System Customizer security role but need the Environment Maker security role.

B. Interns have the Common Data Service User security role but need the Environment Maker security role.

C. Interns have the Environment Maker security role but need the Common Data Service User security role.

D. Interns have the Environment Maker security role but need the System Customizer security role.

E. Interns have the Environment Maker security role but need the Delegate security role.

Correct Answer: *D*

Scenario: Interns can create apps but cannot interact with their own data.

Environment Maker role: Can create new resources associated with an environment, including apps, connections, custom APIs, gateways, and flows using

Microsoft Power Automate. However, this role doesn't have any privileges to access data within an environment.

System Customizer role: full permission to customize the environment. However, users with this role can only view records for environment entities that they create.

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/database-security

Community vote distribution

D (83%) C (17%)

wwwtmmm Highly Voted 2 years, 1 month ago

Selected Answer: D

D - i think

upvoted 5 times

wwwtmmm 2 years, 1 month ago

Common Data Service User security role renamed to Basic User
https://docs.microsoft.com/en-us/power-platform-release-plan/2020wave2/data-platform/common-data-service-user-security-role-renamed-basic-user

Basic User - Read, Create (self), write (self), delete (self) Can run an app within the environment and perform common tasks for the rows that they own.

System Customizer - Create (self), Read (self), Write (self), Delete (self), Customizations Has full permission to customize the environment. However, can only view rows for environment tables that they create. More information: Privileges required for customization

If Interns can create apps "Privileges required for customization" make sense

upvoted 3 times

EmmaBovary 2 years ago

C makes sense to me, according to the least privilege principle

upvoted 9 times

lezzles11 Most Recent 6 months, 2 weeks ago

Selected Answer: C

I agree. It should be C. https://learn.microsoft.com/en-us/power-pages/admin/admin-roles

upvoted 1 times

lezzles11 6 months, 1 week ago

Wait, change my mind - it does specify their own data- so maybe it is system customizer.

upvoted 1 times

[Removed] 10 months, 3 weeks ago

The issue in scenario is "Interns can create apps but cannot interact with their own data." To access on data they only need CDS user (basic role) not a System Customizer role => Answer C

upvoted 2 times

powerMaster 1 year, 11 months ago

https://docs.microsoft.com/en-us/power-platform/admin/database-security -> totally states to the System Customizer (create apps and see you own data)

upvoted 4 times

BDXYZ 2 years, 3 months ago

System customizer role does not provide access to data, so it's not D. I vote for C.

upvoted 3 times

BDXYZ 2 years, 3 months ago

Changed my mind. I agree it's D.

upvoted 2 times

luvasgloves 2 years, 5 months ago

Actually it seems Tournament is a custom entity. C wouldn't work as this role dont work for custom entities. Has to be D.

upvoted 4 times

bstroescu 1 year, 6 months ago

Agreed, Common Data Service User (now known as Basic User) gives access to read data only to default entities. But we have custom entities which Basic User doesn't give access to. That's the detail that makes it D.

upvoted 2 times

luvasgloves 2 years, 5 months ago

Unsure about C or D. C seems proper, but other people said D

upvoted 1 times

Jipok 2 years, 5 months ago

C. Interns have the Environment Maker security role but need the Common Data Service User security role.

upvoted 3 times

Question #2 *Topic 25*

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

Hockey

Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

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

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message
Code set 1	CS101 var columns = new ColumnSet(); CS102 columns.AllColumns = true; CS103 var query = new QueryExpression("account"); CS104 query.ColumnSet = columns; CS105 var results = service.RetrieveMultiple(query);	il-specify-column
Code Set 2	CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff"); CS202 HttpWebResponse response = new HttpWebResponse(); CS203 CS204 response = request.GetResponse(); CS205 response.Close();	il-turn-off-keepalive

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)

UR01
UR02 var data = {
      "name" : "Updated Account ",
      "creditonhold": true,
      "description" : "This is an account update",
      "revenue" : 10,000,
      "Division" : 2
      }
UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
      function success(result) {
      console.log("Account updated");
      . . .perform operations on record update
      },
UR04
```

Question

DRAG DROP -

You need to assign security roles to groups of users.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Security types

- Environment Maker
- System Administrator
- Basic User
- System Customizer

Answer Area

Role	Security type
Intern	Security type
Manager	Security type
Sales representative	Security type

Correct Answer:

Security types

- Environment Maker
- System Administrator
- Basic User
- System Customizer

Answer Area

Role	Security type
Intern	Environment Maker
Manager	System Administrator
Sales representative	Basic User

Scenario: The company identifies the following job roles:

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

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

Intern: Environment Maker -
Environment Maker: Can create new resources associated with an environment, including apps, connections, custom APIs, gateways, and flows using Microsoft
Power Automate. However, this role doesn't have any privileges to access data within an environment.
Manager: System Administrator:
System Administrator: Has full permission to customize or administer the environment, including creating, modifying, and assigning security roles. Can view all data in the environment.
Sales representative: Common Data Service User
Basic User/ Common Data Service User: Read (self), Create (self), Write (self), Delete (self)
Can run an app within the environment and perform common tasks for the records that they own.

Flatternschuchtern Highly Voted 1 year, 5 months ago
Haven't we established that Interns should be System Customizers in the previous question?
upvoted 10 times

mr2020tic 1 year, 2 months ago
It is said they complain they do not have access. the box of role requirements makes it "enivronment maker"
upvoted 4 times

TheExamMaster2020 1 year, 1 month ago
So in order not to have any troule they should get the System Customizer role. Would MS really be looking for the wrongly assigned role that they have now in this question? That would be a particular kind of stupid.
upvoted 2 times

TheExamMaster2020 1 year, 1 month ago
+ It says that YOU need to assign roles, so best to select the correct ones.
upvoted 1 times

alevalli9 11 months, 2 weeks ago
Indeed, that's confusing because according to requirement "environment maker" role is enough for interns and it also says "You must grant users the minimum permissions required to perform their job tasks." System Customizer does not give permission to create apps and other components outside dataverse, as required. "Environment maker" is the correct answer in my opinion. I'll be aware if this question happens in my exam
upvoted 1 times

BEK2020 Most Recent 6 months ago
Even if each questions are independent, the interns still create apps, so they need system customization security role.
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
Intern should be system customizer to solve the issue in the case that they cannot see their own data
upvoted 1 times

G_1101 7 months, 3 weeks ago
"Each question is independent of the other questions in this case study."
so i think based on only the information in the given table then it should be Environment Maker
upvoted 2 times

ziggy1117 6 months, 3 weeks ago
that is true but if you read the case, the Issue that Interns cannot access the data from the apps they created is still there if you give them Envronment Maker role. so they need to be given system customizer role
upvoted 2 times

Question #3 *Topic 25*

Introductory Info

Case study -

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Background -

Bellows Sports is the region's newest, largest, and most complete sports complex. The company features baseball and soccer fields and two full-size hockey rinks. The complex provides coaching, recreational leagues, a pro shop, and state-of-the art customer and player amenities.

The company is organized into the following divisions:

Baseball

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Soccer

Bellows Sports runs tournaments several times per year. Each tournament runs six weeks.

Current environment -

Bellows Sports tracks players and events in Microsoft Excel workbooks and uses email to communicate with players, partners, and prospective customers. The company uses a proprietary cloud-based accounting system.

The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

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The button must not be visible until after the form is saved.

Security -

The company identifies the following job roles:

Role	Tasks
Sales representative	These users will enter data into Dynamics 365 Customer Service.
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You must grant users the minimum permissions required to perform their job tasks.

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

▪

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

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When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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

Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message

Code set 1	`CS101 var columns = new ColumnSet();`
	`CS102 columns.AllColumns = true;`
	`CS103 var query = new QueryExpression("account");`
	`CS104 query.ColumnSet = columns;`
	`CS105 var results = service.RetrieveMultiple(query);`
		`il-specify-column`

Code Set 2	`CS201 WebRequest request = WebRequest.Create ("https://www.bellows.com/api/stuff");`
	`CS202 HttpWebResponse response = new HttpWebResponse();`
	`CS203`
	`CS204 response = request.GetResponse();`
	`CS205 response.Close();`
		`il-turn-off-keepalive`

Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

```
UpdateRecord.js (Line numbers are included for reference only.)
UR01
UR02 var data = {
       "name" : "Updated Account ",
       "creditonhold": true,
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UR03 Xrm.WebApi.updateRecord("account", "5531d753-95af-e711-a94e-000d3a11e605", data).then(
       function success(result) {
       console.log("Account updated");
       . . .perform operations on record update
       },
UR04
```

Question

HOTSPOT -

You need to select data types for required fields.

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

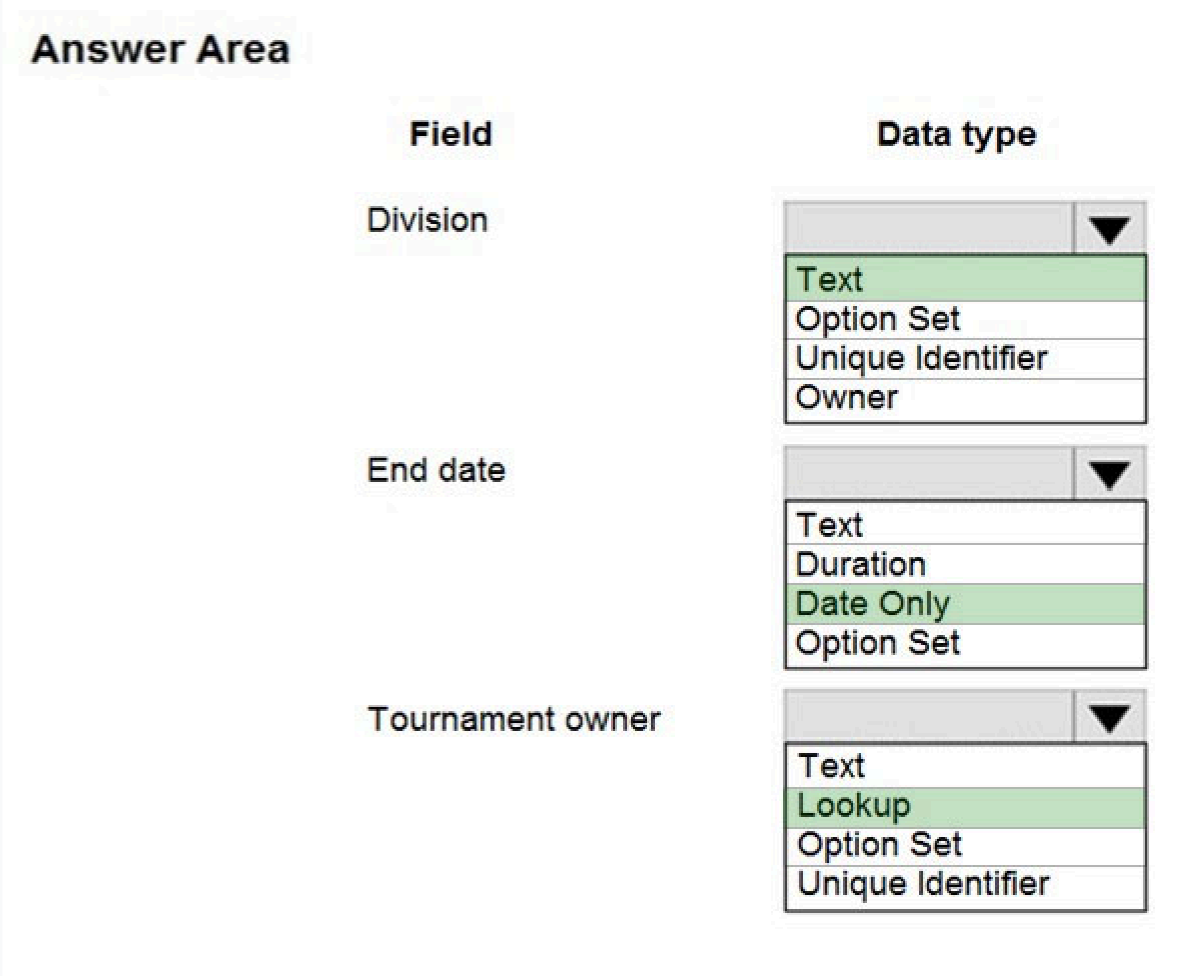
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Field	Data type
Division	Text Option Set Unique Identifier Owner
End date	Text Duration Date Only Option Set
Tournament owner	Text Lookup Option Set Unique Identifier

Correct Answer:



Box 1: Text -

The company is organized into the following divisions:

Baseball -

- Hockey
- Soccer

Box 2: Date only -

When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Box 3: Lookup -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner.

Note: When you create a new lookup column you are creating a new Many-to-One (N:1) table relationship between the table you're working with and the Target

Row Type defined for the lookup. There are additional configuration options for this relationship that are described in Create and edit relationships between tables.

But all custom lookups can only allow for a reference to a single row for a single target row type.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/data-platform/types-of-fields

remo Highly Voted 2 years, 2 months ago

Division should be Option Set

upvoted 48 times

> **powerMaster** 1 year, 11 months ago
>
> Agree! Because you cannot create your own "Hello World" Division, which you could if it was just a text (string)
>
> upvoted 3 times

CRMBug Highly Voted 1 year, 3 months ago

Option Set
Date Only
Lookup

upvoted 10 times

ziggy1117 Most Recent 6 months, 3 weeks ago

Option Set
Date Only
Lookup

upvoted 3 times

[Removed] 10 months, 3 weeks ago

Should be Option Set. See the hint in the Scenario: "Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location."

upvoted 2 times

gabrisca 1 year, 3 months ago

Option Set
Date Only
Lookup

upvoted 3 times

CoktaiiL 1 year, 5 months ago

shouldn't EndDate be a calculated field?

upvoted 1 times

No_Doubt 1 year, 3 months ago

A calculated field isn't a data type, this is selected after choosing the data type, which is not the question here.

upvoted 2 times

HiAitme 1 year, 8 months ago

If Division is Text type then anyone can create random divisions which sounds wrong. It should be Option Set.

upvoted 2 times

Topic 26 - Testlet 6

Question #1 *Topic 26*

Introductory Info

Case study -

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.
Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to reduce response time for the information email on the website.
What should you create?

A. a flow that creates a SharePoint item for each email response

B. a flow that creates a notification in Microsoft Teams

C. a Power Apps app that displays the number of email received in a dashboard

D. a logic app that moves all emails received to Azure Blob storage

Correct Answer: *B*
Scenario:
➯ Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
➯ Microsoft Teams is used for all collaboration.
Microsoft teams support email notifications.
Reference:
https://support.microsoft.com/en-us/office/manage-notifications-in-teams-1cc31834-5fe5-412b-8edb-43fecc78413d

Community vote distribution

B (100%)

haoest 3 days, 12 hours ago

C is good too so the people responsible for emails are aware of the outstanding un-answered emails.

upvoted 1 times

NyarukouSAMA 4 months, 3 weeks ago

Selected Answer: B

Looks correct

upvoted 1 times

NyarukouSAMA 4 months, 3 weeks ago

Looks correct.

upvoted 1 times

Topic 27 - Testlet 7

Question #1 *Topic 27*

Introductory Info

Case study -

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Background -

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The company is organized into the following divisions:

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Current environment -

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The company relies on referrals from athletes for new business. Bellows uses a third-party marketing company to gather feedback and referrals from athletes. The third-party marketing company uploads a Microsoft Excel file containing lists of potential customers and players to the FTP site that Bellows Sports maintains.

Requirements -

Tournaments -

Customer information is stored in the Accounts entity. Each tournament record must list the associated sales representative as the tournament owner. When team members create tournament records they must enter the start date for a tournament. The end date of the tournament must be automatically calculated.

Registration form -

You must create a form to allow players to register for tournaments. The registration form must meet the following requirements:

Division	Requirement
Baseball	Capture the age and weight of the player. The height field must not display.
Hockey	Capture the age, height, and weight of the player.
Soccer	Capture the age of the player. The height and weight fields must not display.

Each division has tournaments that take place in specific locations. Users must be able to select the division for a tournament location.

Information about upcoming tournaments must be pre-located into the registration form when the registration form loads.

The form must include a custom button that sends an email confirmation to the player after the player registers.

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Security -

The company identifies the following job roles:

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Sales representative	These users will enter data into Dynamics 365 Customer Service.
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Manager	These users will add users, assign security roles, and manage data storage.

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

Data automation -

Customer name must be added to Dynamics 365 Finance automatically after it is entered.

You must produce a report that details the number of registrations for a day and send the report as a PDF to the management team.

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You must implement mechanisms to handle all code-related errors.

When a customer record is updated, the system must look up the account number for the customer in the accounting system.

Referrals must be imported into the system as soon as they are available.

Issues -

Apps -

The captions for the New and Save buttons do not render properly on the form.

Interns can create apps but cannot interact with their own data.

Portal -

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

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Solution checker issues -

You run solution checker and observe Plug-in or workflow activity errors in the following code sets:

Set	Code	Error message
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Code -

The following code runs when the registration form loads. You must implement a mechanism to handle errors that occur in the code:

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      function success(result) {
      console.log("Account updated");
      . . .perform operations on record update
      },
UR04
```

Question

HOTSPOT -

You need to analyze and identify the issues that solution checker identifies.

What is the missing or bad code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Issue	Action
Code set 1	Modify code at line CS102 to select only required columns Change the code at line CS104 to query.ColumnSet = AllColumns Replace the code at line CS101 with the following code: AllColumns = new ColumnSet();
Code set 2	Add the following code at line CS203: request.KeepAlive = false; Add the following code at line CS203: request.KeepAlive = true; Add the following code at line CS203: response.KeepAliveEnabled = true; Add the following code at line CS203: response.KeepAliveEnabled = false;

Correct Answer:

Answer Area

Issue	Action
Code set 1	Modify code at line CS102 to select only required columns Change the code at line CS104 to query.ColumnSet = AllColumns Replace the code at line CS101 with the following code: AllColumns = new ColumnSet();
Code set 2	Add the following code at line CS203: request.KeepAlive = false; Add the following code at line CS203: request.KeepAlive = true; Add the following code at line CS203: response.KeepAliveEnabled = true; Add the following code at line CS203: response.KeepAliveEnabled = false;

Box 1: Modify code at line CS102 to select only required columns

Reduce the number of columns that are retrieved.

Scenario: Error Message: il-specify-column

Symptoms -

Retrieving all columns can cause:

- Performance issues due to the amount of data being retrieved
- Unintended plug-in/process execution

Guidance -
For optimal performance, you should only select the minimum amount of data needed by your application when querying Microsoft Dataverse data.

ColumnSet Parameter -
When you use the IOrganizationService.Retrieve method set the columnSet parameter to a ColumnSet instance with specified columns. When you use
QueryExpression set the ColumnSet property with the required attributes.
Box 2: Add the following code at line CS203: request.KeepAlive =false;
Scenario: Error message: Il-turn-off-keepalive

Symptoms -
If a plug-in makes external web requests and is trying to use KeepAlive on a closed connection, the plug-in will ultimately fail to execute the web request. If the plug-in is registered:
Synchronously, users may experience:
- Unresponsive model-driven apps
- Slow client interactions
- The browser stops responding

Asynchronously, plug-in executions may take an extended period of time before failing.

Guidance -
In HTTP 1.1, all connections are considered persistent (KeepAlive is true) unless declared otherwise. Due to the fact that plug-ins run in isolation, the Sandbox service translates into them being short-lived executions that generally would not benefit from KeepAlive. To avoid problems with connecting to external services we recommend disabling KeepAlive within plug-ins. This is done by setting KeepAlive to false.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/best-practices/business-logic/set-keepalive-false-interacting-external-hosts-plugin https://docs.microsoft.com/en-us/powerapps/developer/data-platform/best-practices/work-with-metadata/retrieve-specific-columns-entity-via-query-apis

Khella Highly Voted 2 years, 2 months ago
First answer should be Modify code to select only specify columns.
upvoted 20 times

powerMaster Most Recent 1 year, 11 months ago
Agree: Codeset1 -> first choice, Codeset2 -> first choice!
upvoted 4 times

nivanpee 2 years, 1 month ago
"request.KeepAlive = false" cannot be right if the error is il-turn-off-keepalive, it has to be true for the error to prompt you to turn it off
upvoted 1 times

Thota123 2 years ago
Question is to identify the issue and suggest an action ... if the error suggests to turn-off-keepalive it must have been set to true originally which must be set to false now to remove that error
So, for code set 2- Add request.KeepAlive = false;
code set 1 - Modify to select only required columns
upvoted 6 times

Topic 28 - Testlet 8

Question #1 *Topic 28*

Introductory Info

Case study -

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.

Pharmacies submit order requests through email.

All information at customer locations is handwritten by customer representatives.

Contoso uses Cerner, which is a medical industry application that uses a proprietary database.

Some accounts are referrals from other pharmacies.

Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.

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

A field named Priority_Trigger must be created to trigger the Priority field.

A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

UserA must be able to create and publish Power Apps apps.

UserB must be the owner of all the systems and be able to provide permissions and create all new environments.

UserC must be able to create apps connected to the systems and update the security roles and entities.

Pharmacy representatives must only be able to run the apps and access their own records.

Access to the accounting Power Apps app must be restricted to accounting team members.

End users must have minimum access to the required systems.

Only supervisors must be able to view phone numbers in the Accounts form.

Developers must be able to create new apps for all users.
Sales users must only have access to their own records.

Reporting -
Pharmacy orders must be displayed in four graphs as follows:
Annual revenue over $100,000
Annual revenues under $100,000
Research facilities
Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -
Ensure that notifications are sent to the sales team when a lead is added by using Slack.
Ensure that leads have a review stage added to the sales process.
Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
Fields for the doctor's name and phone number must be displayed in the customer record.
The doctor entered on the customer's record must be validated against doctors that exist in the system.
▪
The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -
A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

You need to ensure that users can create the required charts.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a quick view form to show the Accounts entity.

B. Configure filter fields in the Annual revenue field.

C. Add the Facility field to the account form.

D. Delete the Annual revenue field from the account form.

E. Create a view with annual revenue sorted lowest value to highest value.

Correct Answer: *BC*
Pharmacy orders must be displayed in four graphs as follows:
➾ Annual revenue over $100,000
➾ Annual revenues under $100,000
➾ Research facilities
➾ Hospitals
The graphs must be interactive, and users must be able to drill down on any dimension.

Community vote distribution

BC (100%)

ajithnair Highly Voted 2 years, 6 months ago

B and E.

upvoted 16 times

markjr Most Recent 2 months ago

Selected Answer: BC

B & C are correct:
Annual revenue over $100,000, Annual revenues under $100,000 -> You need to filter based on annual revenues. one is >100k another is <100k
Research facilities, Hospitals - add facility field in report

upvoted 1 times

HiJaak 5 months ago

According to the requirement "The graphs must be interactive, and users must be able to drill down on any dimension." no presented answer is correct.
It should be a dashboard if not a Power BI Report where you could achieve the "graph" and "interactivity"

upvoted 2 times

NyarukouSAMA 4 months, 3 weeks ago

Yes, I agree. BUT, you need to choose 2 options, this is Microsoft, baby XD

upvoted 1 times

ziggy1117 6 months, 3 weeks ago

Selected Answer: BC

B & C are correct:
Annual revenue over $100,000, Annual revenues under $100,000 -> You need to filter based on annual revenues. one is >100k another is <100k
Research facilities, Hospitals - add facility field in report

upvoted 3 times

V05 1 year, 1 month ago

Given answers are correct: B&C. You need filters and also need facility field to get all the fields required to display the charts.
Sorting can be done on the chart as it is expected to be interactive, no reason why you need a view to add a single column and sort it in the view which you can do it in the chart

upvoted 3 times

northstar88 1 year, 5 months ago

Not sure why adding a field to the form has anything to do with creating chart. Adding/creating the field in the table however, is required.

In this case I'll pick B&E

upvoted 2 times

YFSun 1 year, 7 months ago

Answer should be:
A: Account entity include Annual revenue field
C: After adding Facility field to Account form, Account have all necessary data to report.

upvoted 1 times

luvasgloves 2 years, 5 months ago

what about hospitals?

upvoted 1 times

ppguru 2 years ago

hospitals in the facilities

upvoted 1 times

Mnarmeen 2 years, 9 months ago

C and E

upvoted 1 times

CDDT 2 years, 10 months ago

According to me it is uncorrect answer the C. I choose E because for Model-driven App Interactive Dashboard conset a record list to drill down, sort and filter.

upvoted 2 times

majklik 2 years, 9 months ago

C is needed: When you configure interactive dashboards, your first task is to enable filter columns and security roles, so that interactive dashboards can be configured for them.
https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/configure-interactive-experience-dashboards#configure-filter-columns-and-security-roles-for-the-interactive-dashboards

upvoted 2 times

majklik 2 years, 9 months ago

sorry, B is needed.

upvoted 3 times

KenCraw 2 years, 9 months ago

"Pharmacy orders must be displayed in four graphs as follows: Annual revenue over $100,000, Annual revenues under $100,000, Research facilities, Hospitals"

"A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital."

Seems to me C is needed in order to be able to create the Hospitals visual/graph

upvoted 4 times

Eskape 2 years, 5 months ago

but why's it needed on the form?

upvoted 3 times

Question #2 *Topic 28*

Introductory Info

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Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.

Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.

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Annual revenues under $100,000

Research facilities

Hospitals

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Ensure that leads have a review stage added to the sales process.

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Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.

Fields for the doctor's name and phone number must be displayed in the customer record.

The doctor entered on the customer's record must be validated against doctors that exist in the system.

▪

The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

A custom mobile app must be created to allow salespeople to add or search by pharmacy name.

Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.

When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

Question

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

Which expression should you use?

A. DIFFINWEEKS(now,1)

B. SUBTRACTDAYS(10, Now())

C. ADDWEEKS(1, CreatedOn)

D. DIFFINDAYS(Createdon, now())

E. ADDDAYS(10, CreatedOn)

Correct Answer: *C*

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

Note:

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

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

Reference:

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

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

Community vote distribution

E (97%)

Kepty Highly Voted 1 year, 5 months ago

Selected Answer: E

10 days, not 1 week...

upvoted 17 times

markjr Most Recent 2 months ago

Selected Answer: D

It cannot be Add days, as many of you are trying to suggest.

First because the AddDays function in the flow to use in the Delay Until block is written here As "ADDDAYS". That suggests me that is referred to a calculated field.

Second, the AddDays function that can be used in the flow takes as a first argument the starting date and then the days that have to be added. In answer E, that is the opposite.

You need to calculate the difference between the day the Account was created and the day now, if it's more than 10 days, then the trigger do his job ! So DIFFINDAYS give you the difference between two dates !
Here's a link : https://community.dynamics.com/crm/b/crmpowerobjects/posts/how-to-calculate-number-of-days-between-two-date-and-time-fields

upvoted 1 times

JurSp 4 months, 1 week ago

Selected Answer: E

I agree on E

upvoted 2 times

lezzles11 6 months, 2 weeks ago

Selected Answer: E

Definitely E!

upvoted 3 times

sunnysaru92 8 months, 3 weeks ago

Selected Answer: E

Agree its E

upvoted 2 times

alevalli9 11 months, 2 weeks ago

Selected Answer: E

10 days correct

upvoted 1 times

DimpleG 1 year ago

Selected Answer: E

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

upvoted 2 times

CoktaiiL 1 year, 4 months ago

Selected Answer: E

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

upvoted 3 times

Topic 29 - Testlet 9

Question #1 *Topic 29*

Introductory Info

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Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.
Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to resolve CustomerB's issues with the check-in application.
Which two options can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Change LookUp to Filter
B. Change Filter to LookUp
C. Change Search to LookUp
D. Change LookUp to Search

Correct Answer: *AD*
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
A: The Filter function finds records in a table that satisfy a formula. Use Filter to find a set of records that match one or more criteria and to discard those that don't.
D: The Search function finds records in a table that contain a string in one of their columns.
Incorrect:
Not B, not C: The LookUp function finds the first record in a table that satisfies a formula. Use LookUp to find a single record that matches

one or more criteria.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/functions/function-filter-lookup

Community vote distribution

AD (100%)

DimpleG 1 year ago

Selected Answer: AD

Lookup only returns one matching record, According to scenario, needs to change from Lookup to Filter or Search

upvoted 3 times

vpatel1826 1 year, 2 months ago

https://learn.microsoft.com/en-us/power-platform/power-fx/reference/function-filter-lookup
correct

upvoted 1 times

Question #2 *Topic 29*

Introductory Info

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- Customer selects the type of service needed.
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Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
DRAG DROP -
You need to identify why employees are not receiving notification that nine customers are checked in and waiting in the repair area.
Which components should you test for each step? To answer, drag the appropriate components to the correct steps. Each component 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:

Answer Area

Components	Step	Component
action	outbound text	
condition	nine customers in the store	
expression	number of customers in the store	
data operation		

Correct Answer:

Answer Area

Components
action
condition
expression
data operation

Step	Component
outbound text	action
nine customers in the store	condition
number of customers in the store	data operation

Scenario: A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.

TOM1000 Highly Voted 9 months ago

Think so, this is a stupid question!!

upvoted 7 times

mmamfgm Most Recent 5 months, 3 weeks ago

I do not get the question. But I think it is correct.

upvoted 3 times

chiari_do 9 months, 1 week ago

is it correct?

upvoted 1 times

Question #3 *Topic 29*

Introductory Info

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Current environment -

Adventure Works Cycles wants to replace their paper-based bicycle manufacturing business with an efficient paperless solution. The company has one manufacturing plant in Seattle that produces bicycle parts, assembles bicycles, and distributes finished bicycles to the Pacific Northwest.

Adventure Works Cycles has a retail location that performs bicycle repair and warranty repair work. The company has six maintenance vans that repair bicycles at various events and residences.

Adventure Works Cycles recently deployed Dynamics 365 Finance and Dynamics 365 Manufacturing in a Microsoft-hosted environment for financials and manufacturing. The company plans to leverage the Microsoft Power Platform to migrate all of their distribution and retail workloads to Dynamics 365 Unified

Operations.

The customer uses Dynamics 365 Sales. Dynamics 365 Customer Service and Dynamics 365 Field Service.

Retail store information -

Adventure Works Cycle has one legal entity, four warehouses, and six field service technicians.

Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

The Adventure Works Cycles retail location performs bicycle inspections and performance tune-ups.

▪

Technicians use paper forms to document the bicycle inspection performed before a tune-up and any additional work performed on the bicycle.

Adventure Works Cycles uses a Power Apps app for local bike fairs to attract new customers.

A canvas app is being developed to capture customer information when customers check in at the retail location. The app has the following features:

- Customer selects yes or no if they are on the mailing list.
- Customer selects the amount of times they have visited the store.
- Customer selects the type of service needed.
- The search result returns all last name records that match the search term.

Technology -

A plug-in for Dynamics 365 Sales automatically calculated the total billed time from all activities on a particular customer account, including sales representative visits, phone calls, email correspondence, and repair time compared with hours spent.

A shipping API displays shipping rates and tracking information on sales orders. The contract allows for 3,000 calls per month.

Ecommerce orders are processed in batch daily by using a manual import of sales orders in Dynamics 365 Finance.

Microsoft Teams is used for all collaboration.

All testing and problem diagnostics are performed in a copy of the production environment.

Customer satisfaction surveys are recorded with Microsoft Forms Pro. Survey replies from customers are sent to a generic mailbox.

Requirements -

Automation -
A text message must be automatically sent to a customer to confirm an appointment and to notify when a technician is en route that includes their location.
Ecommerce sales orders must be integrated into Dynamics 365 Finance and then exported to Azure every night.
A text alert must be sent to employees scheduled to assist in the repair area of the retail store if the number of repair check-ins exceeds eight.
Submitted customer surveys must generate an email to the correct department. Approval and follow-up must occur within a week.

Reporting -
The warehouse manager's dashboard must contain warehouse counting variance information.
A warehouse manager needs to quickly view warehouse KPIs by using a mobile device.
Power BI must be used for reporting across the organization.

User experience -
Warehouse counting must be performed by using a mobile app that scans barcodes on boxes.
All customer repairs must be tracked in the system no matter where they occur.
Qualified leads must be collected from local bike fairs.

Issues -

Internal -
User1 reports receives an intermittent plug-in error when viewing the total bill customer time.
User2 reports that Azure consumption for API calls has increased significantly to 100 calls per minute in the last month.
User2 reports that sales orders have increased.
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution.
The parts department manager who is the approver for the department is currently on sabbatical.

External -
CustomerB reports that the check-in app returned only one search result for their last name, which is not the correct name.
Nine customers arrive in the repair area of the retail store, but no texts were sent to scheduled employees.
Customers report that the response time from the information email listed on the Adventure Works Cycles website is greater than five days.
CustomerC requested additional information from the parts department through the customer survey and has not received a response one week later.

Question
You need to improve the efficiency of counting warehouse inventory.
What should you create?

A. a model-driven app that allows the user to key in inventory counts

B. a Power BI dashboard that shows the inventory counting variances

C. a flow that updates the warehouse counts as the worker performs the count

D. a canvas app that scans barcodes to allow a warehouse worker to select inventory counts

Correct Answer: *D*
Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.
Barcode scanner control for canvas apps: Scans barcodes, QR codes, and data-matrix codes on an Android or iOS device.

Description -
The control opens a native scanner on an Android or iOS device. The scanner automatically detects a barcode, a QR code, or a data-matrix code when in view.
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/controls/control-new-barcode-scanner

Question #4 *Topic 29*

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

Question

HOTSPOT -

You need to select visualization components.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Scenario: Customer satisfaction surveys are recorded with Microsoft Forms Pro.

Box 1: Flip switch -

The flip switch is like an on/off switch, providing a choice between two values.

Box 2: Linear gauge -

The linear gauge lets your users input numerical values by dragging a slider instead of typing in the exact quantity. The slider provides whole number input and display only. Use this control for any numerical and money columns.

Box 3: Option set -

The choice control presents a set of options for your users to choose from when entering data.

You can customize forms (main, quick create, and quick view) and email templates by adding multi-select columns that are called Choices. When you add a choices column, you can specify multiple values that will be available for users to select. When users fill out the form they can select one, multiple, or all the values displayed in a drop-down list.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/additional-controls-for-dynamics-365-for-phones-and-tablets

lezzles11 6 months, 2 weeks ago

Here's more:
https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/use-custom-controls-data-visualizations?view=op-

9-1
upvoted 1 times

ziggy1117 6 months, 3 weeks ago
answers are correct BUT
flip switch is legacy, new one is check box
linear gague is legacy, new one is number input

https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/additional-controls-for-dynamics-365-for-phones-and-tablets
upvoted 2 times

Jett27 9 months, 2 weeks ago
Seems correct.

Flip switch is like an on/off switch, providing a choice between two values.
Linear gauge lets your users input numerical values by dragging a slider instead of typing in the exact quantity.
The option set control presents a set of choices for your users to choose from when entering data.

Reference:
- https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/additional-controls-for-dynamics-365-for-phones-and-tablets
upvoted 1 times

df14ce0 10 months, 2 weeks ago
Is option set a visual component? Have never see that in any doc
upvoted 1 times

Net_IT 6 months, 2 weeks ago
https://learn.microsoft.com/en-us/power-apps/maker/model-driven-apps/additional-controls-for-dynamics-365-for-phones-and-tablets#option-set
upvoted 1 times

Big_PP 2 years, 7 months ago
Looks ok.
upvoted 3 times