Microsoft

Exam Questions PL-400

Microsoft Power Platform Developer

NEW QUESTION 1
- (Exam Topic 1)
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.

Answer: D

Explanation:
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.

NEW QUESTION 2
- (Exam Topic 1)
You need to handle errors in UpdateRecord.js. Which code segment should you add at line UR06?

A. catch(error) { D18912E1457D5D1DDCBD40AB3BF70D5Dalert("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)}

Answer: A

Explanation:
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

NEW QUESTION 3
- (Exam Topic 2)
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

Answer: D

Explanation:
Scenario: Warehouse counting is performed manually by using a counting journal. All warehouse boxes and items are barcoded.

NEW QUESTION 4
- (Exam Topic 2)
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

Answer: AD

Explanation:
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.
Reference:
https://docs.microsoft.com/en-us/dynamics365/field-service/overview https://us.hitachi-solutions.com/blog/canvas-vs-model-driven-apps/

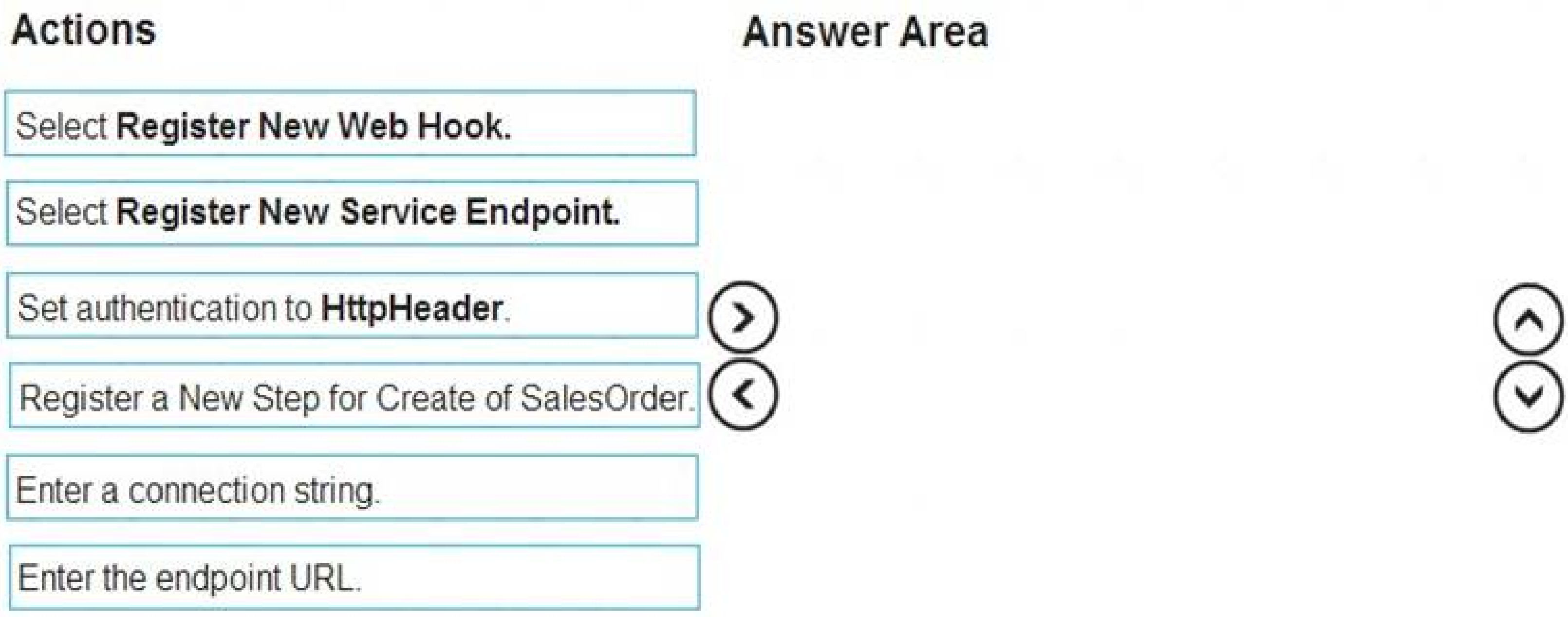
NEW QUESTION 5
- (Exam Topic 2)
You need to identify the execution mode that is being used for the ISV solution reported by User5. Which type of execution mode is in use?

A. asynchronous
B. atomicity
C. transfer
D. synchronous

Answer: D

Explanation:
User5 receives the error message: 'Endpoint unavailable' during a test of the technician dispatch ISV solution. When you choose to use a synchronous execution mode any failure will be reported back to the user of the application with an Endpoint unavailable error dialog informing the user that the webhook service endpoint may be configured incorrectly or is not available.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/use-webhooks

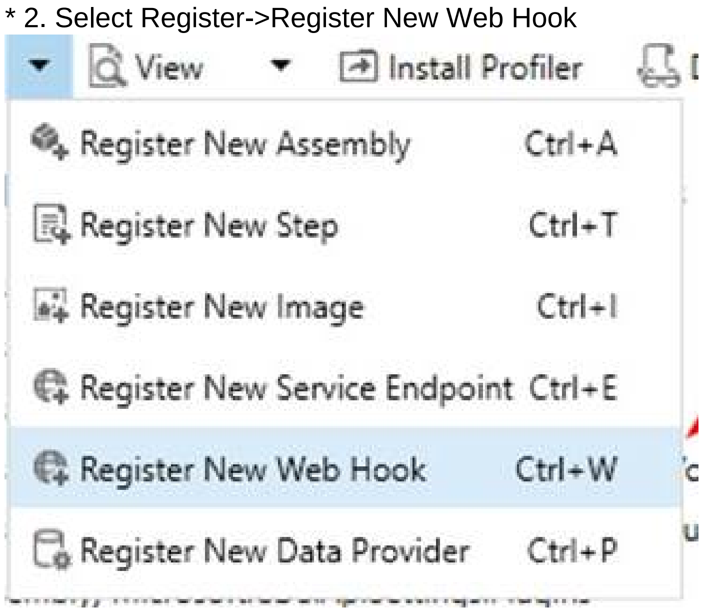
NEW QUESTION 6
- (Exam Topic 4)
A company uses Dynamics 365 Sales.
Sales commission must be calculated when an order is placed. You create an Azure Function to perform the calculation. The Azure Function has an HTTP trigger.
You need to configure the Plug-in Registration tool to send data to the Azure Function when an order is placed. You open the Plug-in Registration tool and connect to Dynamics 365 Sales.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



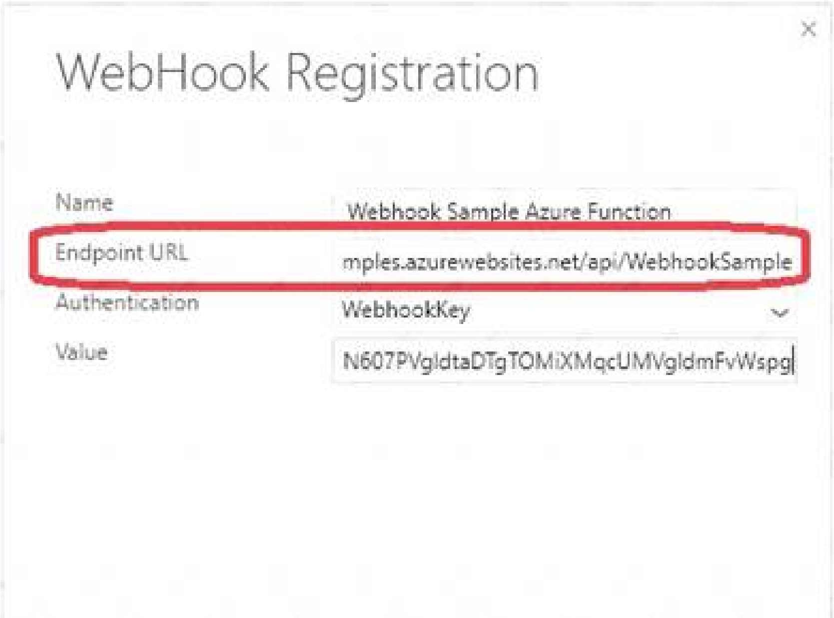
A. Mastered
B. Not Mastered

Answer: A

Explanation:
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

NEW QUESTION 7
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A Common Data Service (CDS) environment has two custom entities named Building code and Work item. Building code has a code date custom field and Work item has an elapsed time custom field. Construction workers use a consolidated custom form with data from both entities to fill.in their daily work items.
A JavaScript library is used with these custom entities and fields to apply complex logic.
You need to ensure that the JavaScript library continues to function as originally designed if other developers expand the environment.
Solution:
- In the Building code form, add the JavaScript library in the events tab and the Code date field to the non-event dependencies.
- In the Work item form, add the JavaScript library in the Events tab and the Elapsed time field to the non-event dependencies.

Does the solution meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 8
- (Exam Topic 4)
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 inRows)
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.

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.	○	○
`,ContinueOnError = true` can be added at line 5.	○	○
The order of requests is performed in the sequence added to transactionrequest.	○	○
Lines 19-23 are required for the contacts to be created.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Need to set ContinueOnError=True. 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.
Box 2: No
ContinueOnError = true must be added before Requests = new OrganizationRequestCollection() on line 3. Example:
// Create an ExecuteMultipleRequest object.
requestWithResults = new ExecuteMultipleRequest()
{
// Assign settings that define execution behavior: continue on error, return responses. Settings = new ExecuteMultipleSettings()
{
ContinueOnError = false, ReturnResponses = true
},
// Create an empty organization request collection. Requests = new OrganizationRequestCollection()
};
Box 3: Yes
You can use the ExecuteMultipleRequest message to support higher throughput bulk message passing scenarios in Common Data Service.
ExecuteMultipleRequest accepts an input collection of message Requests, executes each of the message requests in the order they appear in the input collection, and optionally returns a collection of Responses containing each message's response or the error that occurred.
Box 4: No
This is just for displaying the result. Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-reque

NEW QUESTION 9

- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are designing a one-way integration from the Common Data Service to another system.
You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is
unavailable for more than a few seconds to avoid data loss. You need to design the integration solution.
Solution: Configure the Azure Function with a timer trigger that runs every five minutes. The function will query the Common Data Service and process records created in the last five minutes.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

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

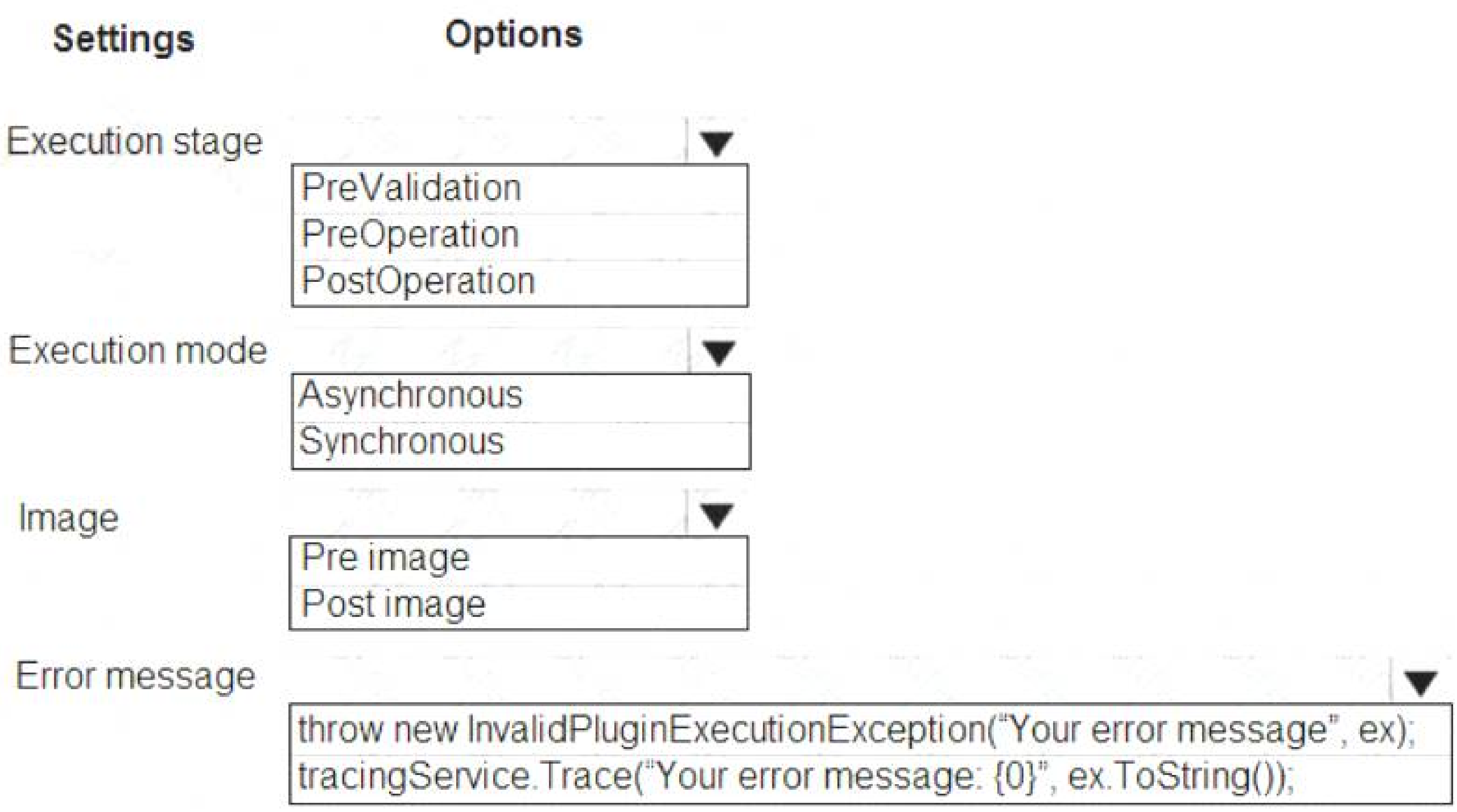
NEW QUESTION 10
- (Exam Topic 4)
A company implements Dynamics 365 Sales.
An email notification must be sent automatically to the sales manager when a business process completes. You need to ensure that emails are sent.
What should you create on the process completed trigger?

A. a workflow
B. an action step
C. a data step
D. a Power Automate flow step

Answer: A

Explanation:
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/businessprocess-flo

NEW QUESTION 10
- (Exam Topic 4)
A manufacturing company takes online orders.
The company requires automatic validation of order changes. Requirements are as follows:
- If validation is successful, the order is submitted.
- If exceptions are encountered, a message must be shown to the customer. You need to set up and deploy a plug-in that encapsulates the rules.
Which options should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

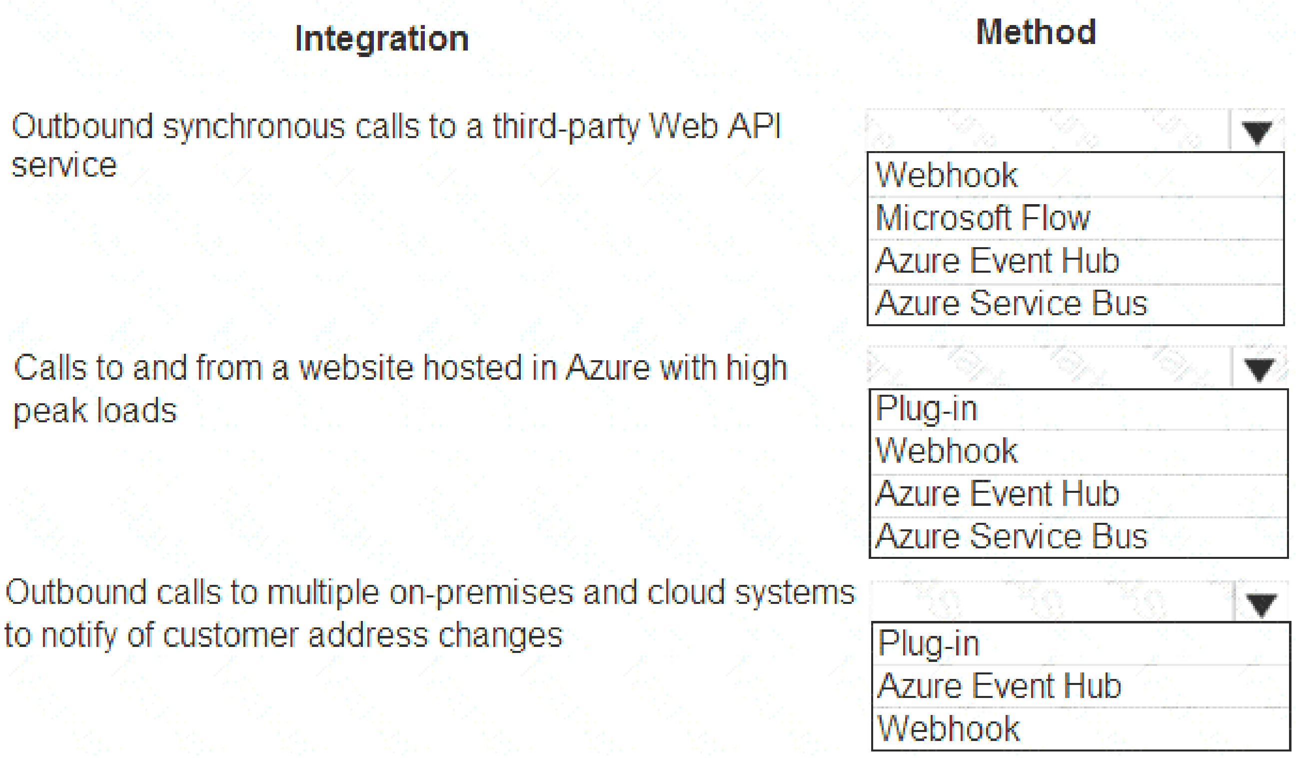


A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 14
- (Exam Topic 4)
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.

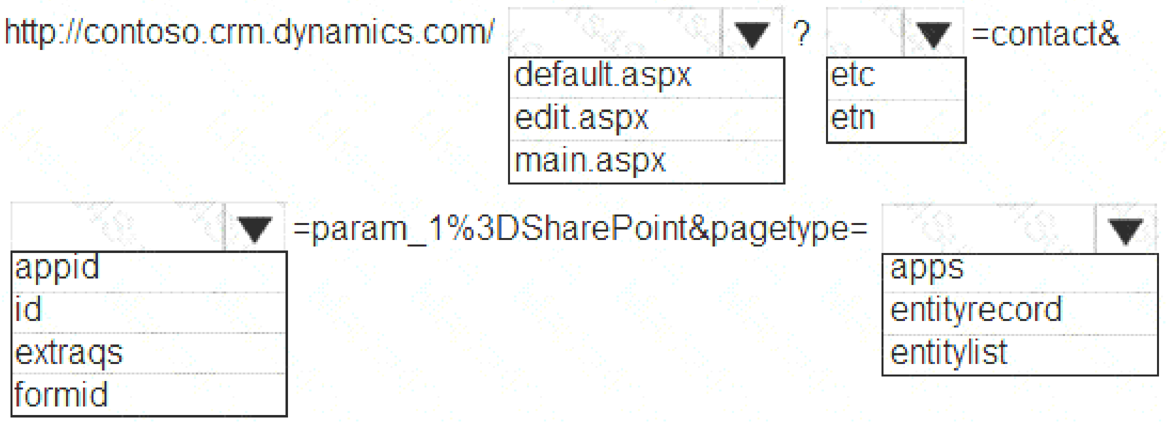


A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 18
- (Exam Topic 4)
A company uses SharePoint for its intranet and other functions. The company has also implemented model-driven apps.
SharePoint users must be able to create contact records in the Common Data Service (CDS), without having to navigate to the model-driven apps.
You need to create a link in SharePoint to open the CDS contact from displaying data from SharePoint. How should you complete the URL? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://contoso.crm.dynamics.com/main.aspx?etn=contact&extraqs=param_1%3D&pagetype=entityrecord Box 1: main.aspx
Example, to open the Active Contacts view. https://myorg.crm.dynamics.com/main.aspx?etn=contact&pagetype=entitylist&viewid={00000000-0000-0000-0 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 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-pas

NEW QUESTION 22
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.
Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.
You need to configure the security to meet the business requirements.
Solution: Use access team templates and give access to members in the two departments. Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Access Team template
The privileges assigned to the access team through Access Team Templates. Access Team template allows you to create a template for the entities on which "Access Teams" option is enabled. You can grant or restrict access to the entity records through "Access Rights". Essentially, this is like a record-based security model on an entity record for specific users.
Once the access team template is created and added to the entity form, you can start adding users. For example, on an opportunity record add a new user in the Access Team Template sub-grid.
Reference:
https://community.dynamics.com/crm/b/crmdevmigrationconfigandcustomization/posts/access-teams-and-acces

NEW QUESTION 25
- (Exam Topic 4)
You have a Common Data Service 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

Answer: C

Explanation:
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

NEW QUESTION 28
- (Exam Topic 4)
You are building a custom application in Azure to process resumes for the HR department. The app must monitor submissions of 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

Answer: A

Explanation:
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

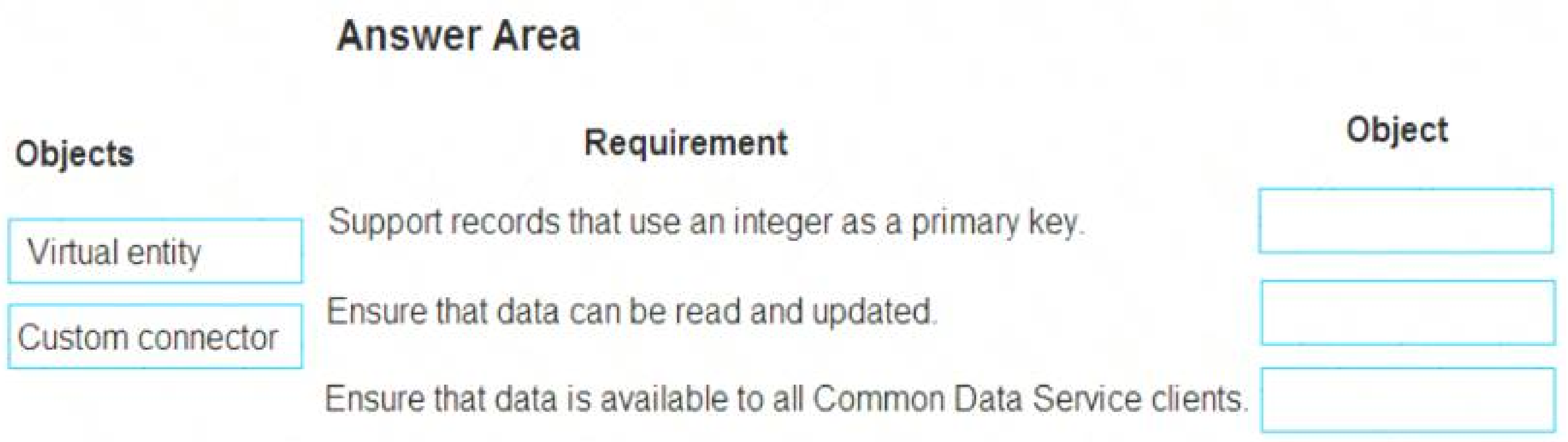
NEW QUESTION 31
- (Exam Topic 4)
A bank uses a Common Data Service solution to manage clients.
Bank representatives perform client credit checks while the client is present. Credit checks may take up to five minutes to complete.
Bank policy dictates that the bank representative's app must stay blocked 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)

Answer: D

Explanation:
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/showp

NEW QUESTION 33
- (Exam Topic 4)
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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
answer is Virtual Entity
You cannot change the Entity primaryid field to some other field. CRM using GUID as the Primary key for each record.
If you definitely want to make some other field as Primary key, you could consider using Alternate Keys. Source:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/define-alternate-key
The caveat being that Alternate Keys can be created for Virtual Entity
B. Answer is: Custom Connector All virtual entitites are read-only. Source:
https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/create-edit-virtual-e

C. Answer is: Virtual Entity
Rows based on virtual tables are available in all clients including custom clients developed using the Dataverse web services.
Source: https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-virtual-entities

NEW QUESTION 38
- (Exam Topic 4)
A company manages capital equipment for an electric utility company. The company has a SQL Server database that contains maintenance records for the equipment.
Technicians who service the equipment use the Dynamics 365 Field Service mobile app on tablet devices to view scheduled assignments. Technicians use a canvas app to display the maintenance history for each piece of equipment and update the history.
Managers use a Power BI dashboard that displays Dynamics 365 Field Service and real-time maintenance data.
Due to increasing demand, managers must be able to work in the field as technicians. You need to design a solution that allows the managers to work from one single screen. What should you do?

A. Add the maintenance history app to the Field Service Mobile app.
B. Add the manager Power BI dashboard to the Field Service mobile app.
C. Create a new maintenance canvas app from within the Power BI management dashboard.
D. Add the maintenance history app to the Power BI dashboard.

Answer: D

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

NEW QUESTION 40
- (Exam Topic 4)
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.

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.	○	○

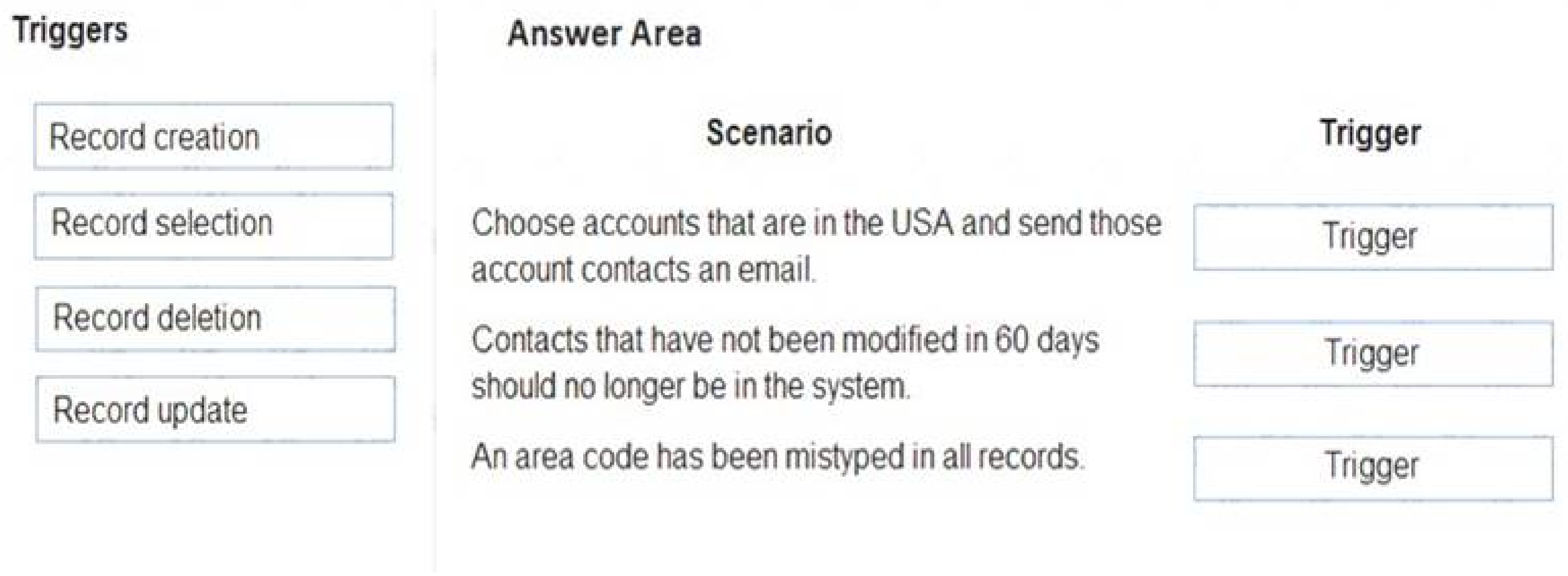
A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: No
Box 2: Yes
ContinueOnError: When true, continue processing the next request in the collection even if a fault has been returned from processing the current request in the collection. When false, do not continue processing the next request.
ReturnResponses: When true, return responses from each message request processed. When false, do not return responses.
When false, the Responses collection will not be empty if errors are returned. If errors are returned, there will be one response item in the collection for each processed request that returned a fault and Fault will be set to the actual fault that occurred.
Box 3: No
Box 4: Yes
For example, in a request collection that contains six requests where the third and fifth request return faults, the following table indicates what the Responses collection would contain.
ContinueOnError=true, ReturnResponses=false: 2 response items: 2 have Fault set to a value. Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-reque

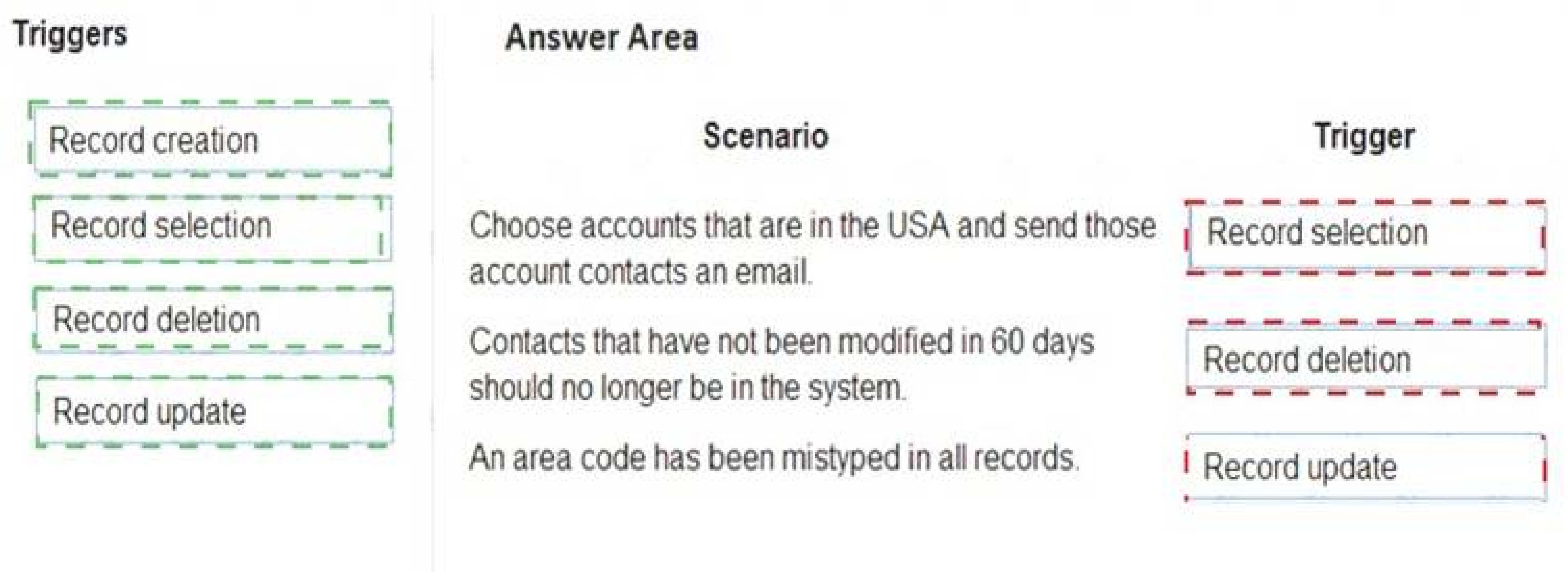
NEW QUESTION 43
- (Exam Topic 4)
You are creating a flow using the Common Data Service (CDS) connector. You need to select the appropriate triggers.
Which triggers should you use? To answer, drag the appropriate triggers to the correct scenarios. Each trigger may be used once, more than once, or not 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 45
- (Exam Topic 4)
A company plans to replicate a Dynamics 365 Sales database into an Azure SQL Database instance for
reporting purposes. The data Export Service solution has been installed. You need to configure the Data service.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

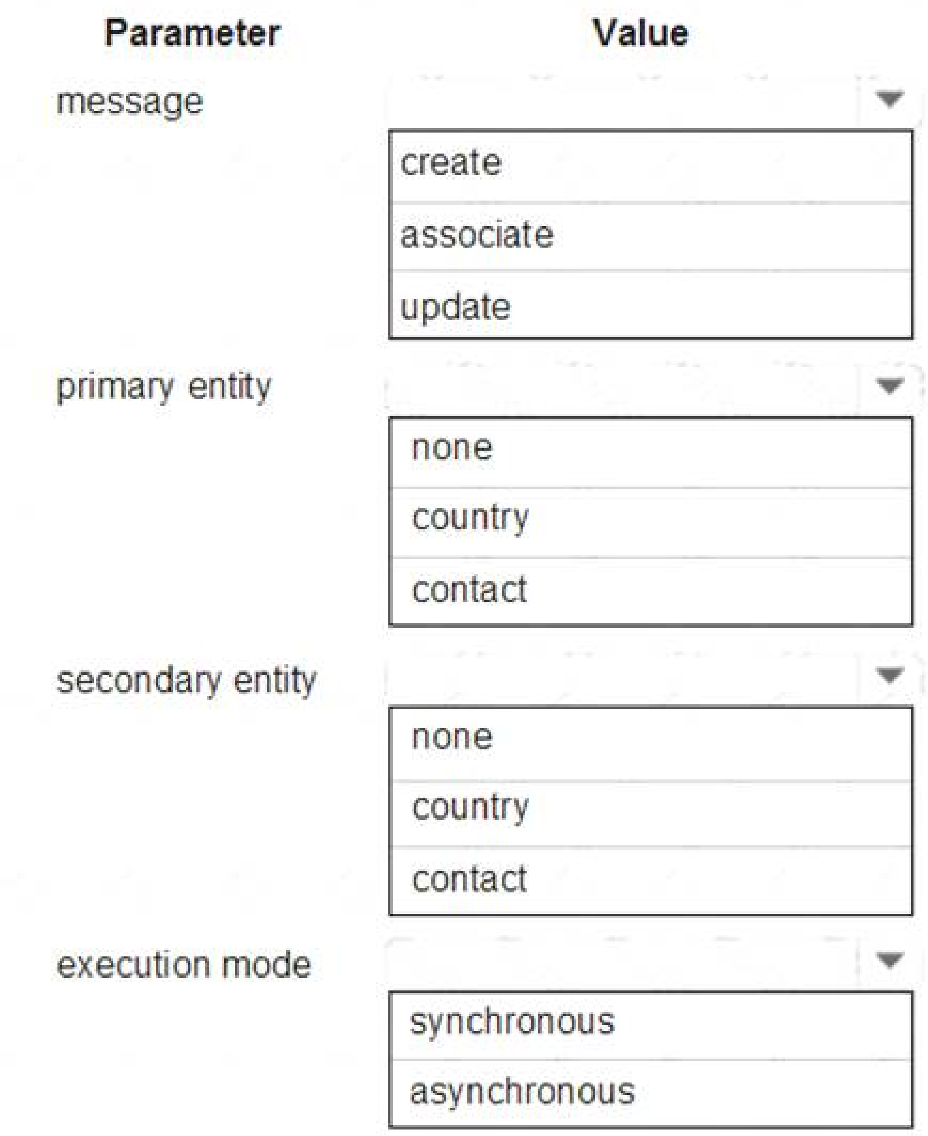
A. Create an Azure SQL Database service in the same tenant as the Dynamics 365 Sales environment.
B. Enable auditing entities that must be replicated to Azure SQL database.
C. Enable change tracking for all entities that must be replicated to Azure SQL Database.
D. Set up server-based integration.
E.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

Answer: ACE

Explanation:
Reference:

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

NEW QUESTION 49
- (Exam Topic 4)
A travel agency has a Dynamics 365 Customer Engagement.
Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.
You need to register the plug-in to meet the requirements.
Which value should you apply for each parameter? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: associate
Box 2: contact
Customers are allowed to add up to three countries/regions to their travel preferences from the website. Their preferences must be stored in the Contact entity.
Box 3: country
Box 4: synchronous Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/tutorial-write-plug-in

NEW QUESTION 53
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.
Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.
You need to configure the security to meet the business requirements.
Solution: Create a security role that has organization-level access to opportunities. Give this security role to all members of the two departments who need access.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use access team templates and give access to members in the two departments. Reference:
https://community.dynamics.com/crm/b/crmdevmigrationconfigandcustomization/posts/access-teams-and-acces

NEW QUESTION 54
- (Exam Topic 4)

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

Answer: CD

Explanation:
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

NEW QUESTION 55
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are designing a one-way integration from the Common Data Service to another system.
You must use an Azure Function to update the other system. The integration must send only newly created records to the other system. The solution must support scenarios where a component of the integration is unavailable for more than a few seconds to avoid data loss.
You need to design the integration solution.
Solution: Register a service endpoint in the Common Data Service 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 portoperation stage.
Configure the Azure Function to process records as they are added to the queue. Does the solution meet the goal?

A. Yes
B. No

Answer: A

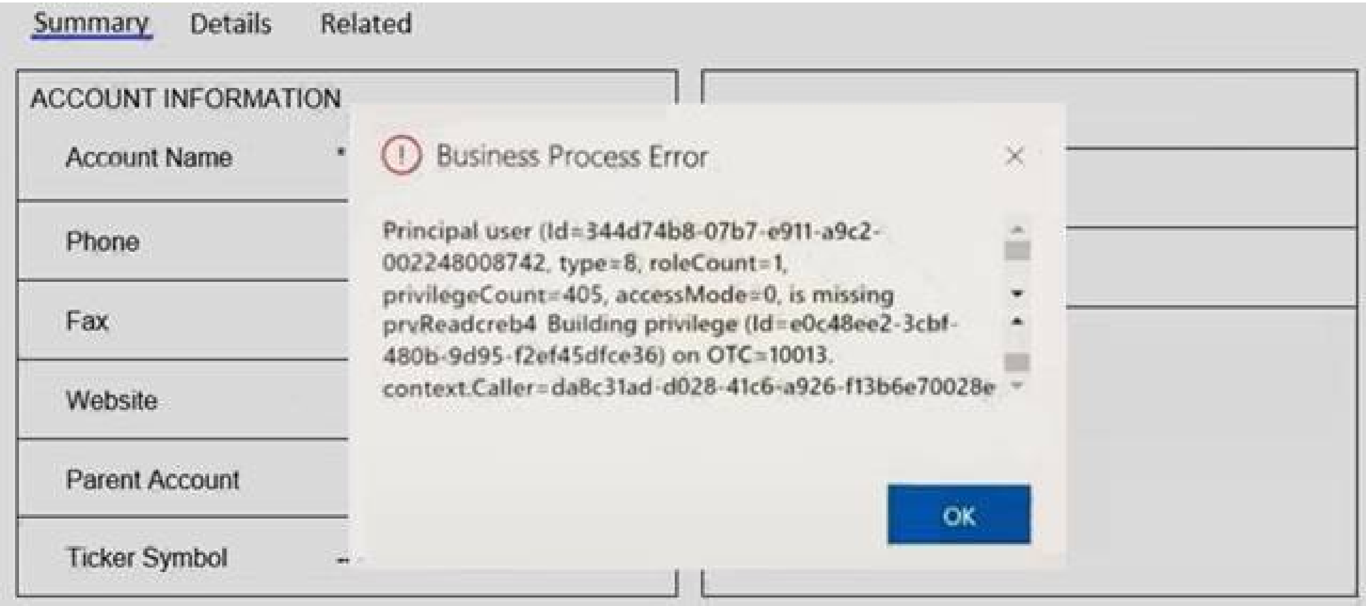
Explanation:
Microsoft Dataverse supports integration with Azure.
For the Dataverse and Azure connection to work, there must be at least one solution in an Azure Service Bus solution account, where the solution contains one or more service endpoints.
For a queue endpoint contract, a listener doesn't have to be actively listening. Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/azure-integration

NEW QUESTION 58
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
A university has implemented Dynamics 365 Customer Engagement. Several departments use opportunity records to bid for funding for projects within their own departments.
Each department's opportunities are not visible to other departments. However, there are times when two departments need to work together on an opportunity.
You need to configure the security to meet the business requirements.
Solution: Share the individual opportunity that member of one department are working on with all members of the second department, and give those members the appropriate permissions. Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 62
- (Exam Topic 4)
You have a model-driven app that uses the Common Data Service (CDS). You create three custom entities that are in many-to-one parental relationships with the Account entity.
You run a real-time workflow that assigns an account you own to another user. You receive the error message as shown in the Error Message exhibit. (Click the Error Message tab.)



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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
There is a read error. Box 2: No
Note: The Environment Maker role can create resources within an environment including apps, connections, custom connectors, gateways, and flows using Power Automate.
Box 3: Yes
The System Customizer role is similar to the System Administrator role which enables non-system administrators to customize Dynamics 365. A Customizer is a user who customizes entities, attributes and relationships.
Box 4: Yes

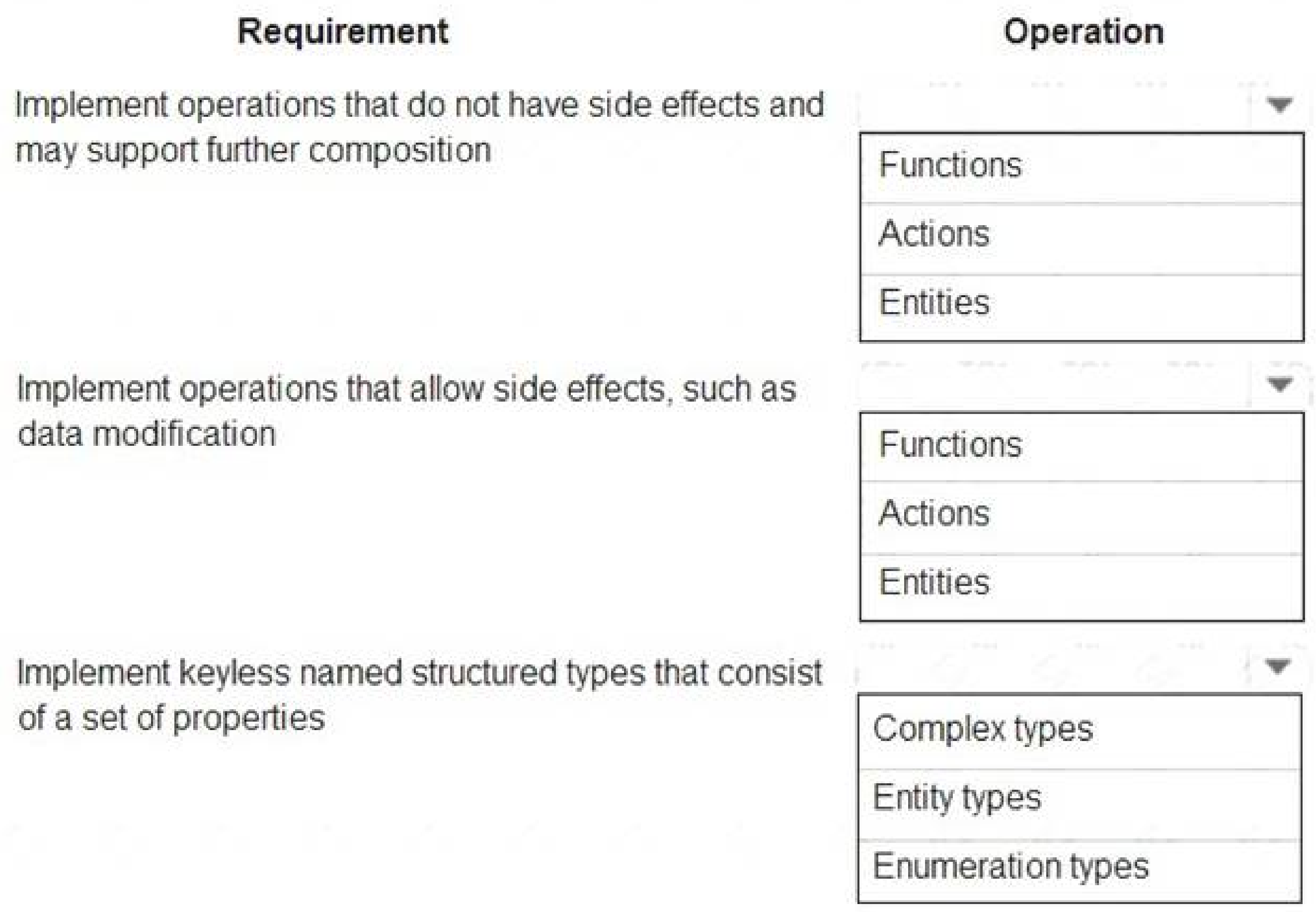
NEW QUESTION 66
- (Exam Topic 4)
You are creating a Power Apps app that retrieves customer information from Azure Active Directory when you use the app to look up a customer record.
You create an Azure Function by using JSON code to retrieve the customer information. You need to make the application work.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a Power Automate flow to import data.
B. Create a custom connector that uses the Azure Function API.
C. Copy your JSON code to the app.
D. Create a custom connector that uses the JSON code.
E. Create an API definition for the Azure Function.

Answer: BE

Explanation:
E: Before exporting an API, you must describe the API using an OpenAPI definition.
B: This OpenAPI definition contains information about what operations are available in an API and how the request and response data for the API should be structured. PowerApps and Microsoft Flow can create custom connectors for any OpenAPI 2.0 definition.
Reference:
https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/azure-functions/app-service-export-api-topow

NEW QUESTION 70
- (Exam Topic 4)
You are developing a Web API for a company.
You need to implement the appropriate operations to meet the company's requirements. What should you implement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Functions
Box 2: Actions
Box 3: Complex types
Complex types are keyless named structured types consisting of a set of properties. Complex types are commonly used as property values in model entities, or as parameters or return values for operations.
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/web-api-types-operations#

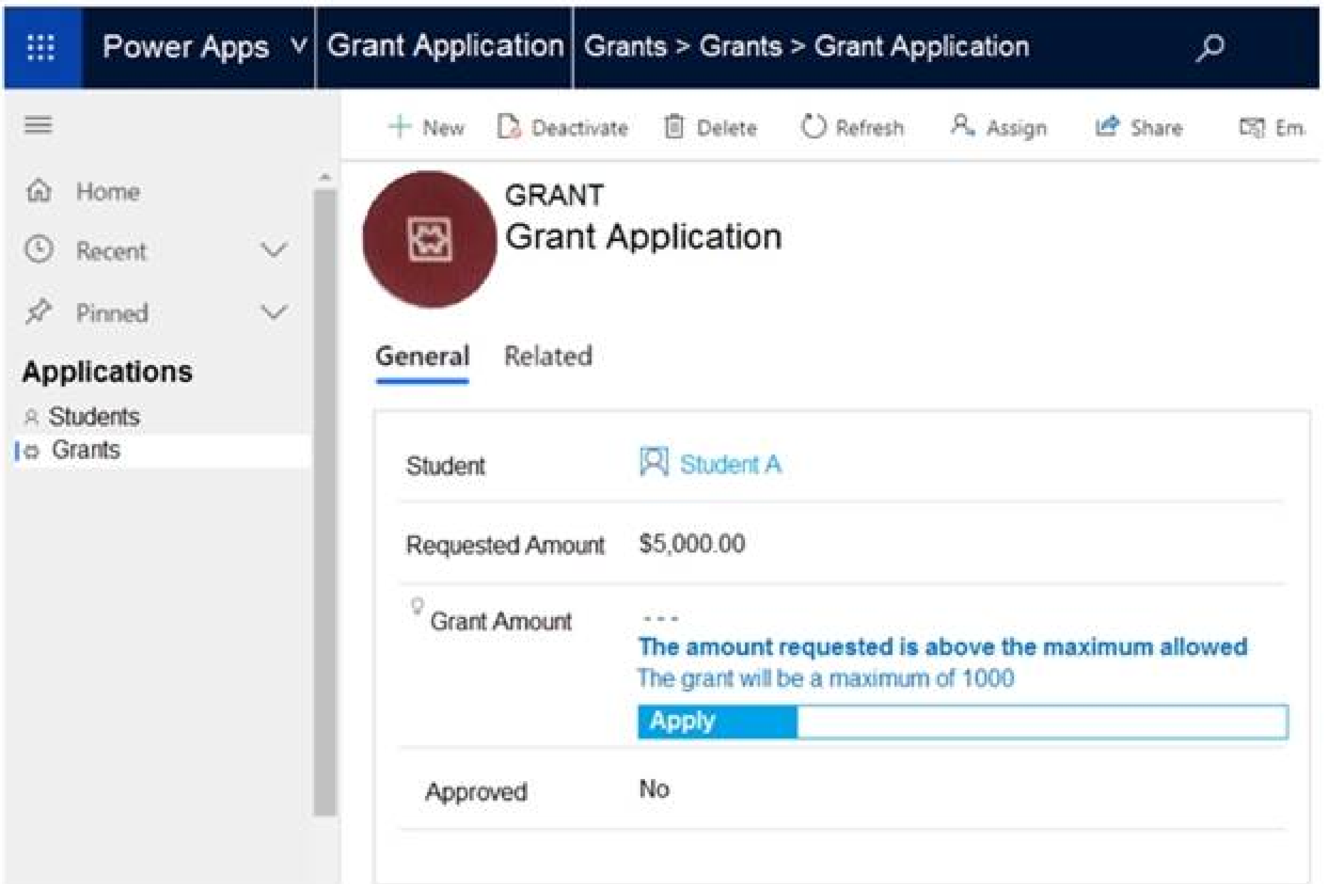
NEW QUESTION 75
- (Exam Topic 4)
You are developing an app that uses Common Data Service.
You must integrate Common Data Service with a new web application. You must allow the new web application to display data from Common Data Service.
You build a single-page web application using the Web API. You need to authenticate your app using OAuth.
What should you use?

A. Windows Communication Foundation (WCF)
B. Cross-Origin Resource Sharing (CORS)
C. Microsoft Authentication Library (MSAL)
D. Kerberos authentication
E. Active Directory Authentication Library (ADAL)

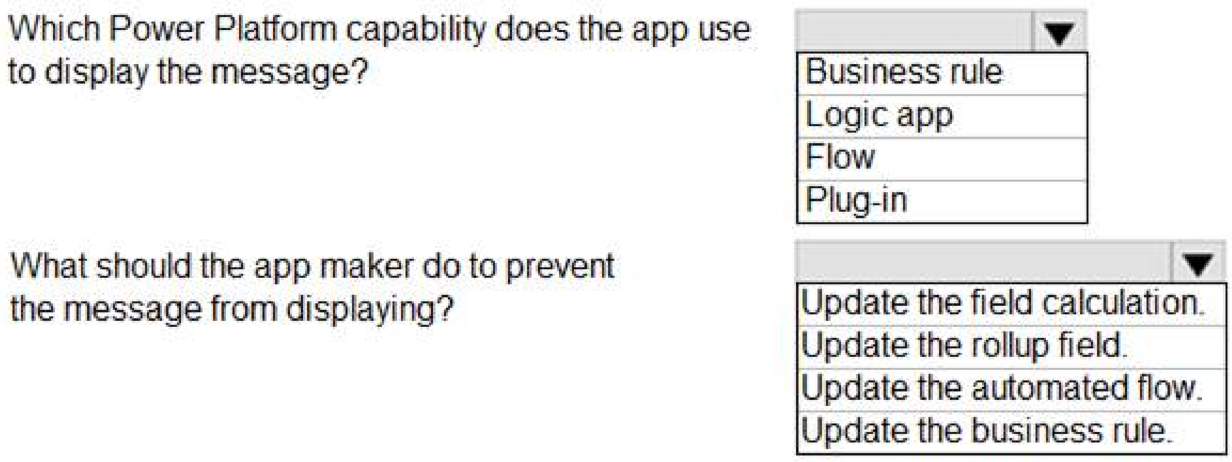
Answer: E

Explanation:
Ref: https://docs.microsoft.com/en-us/azure/active-directory/develop/msal-overview

NEW QUESTION 76
- (Exam Topic 4)
A university manages grant applications using a model-driven app.
Users report that the message on the Grant Application screen is outdated. The screen shows the following:



Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://www.loganconsulting.com/blog/how-use-power-automate-trigger-workflows-microsoft-dynamics-crm/

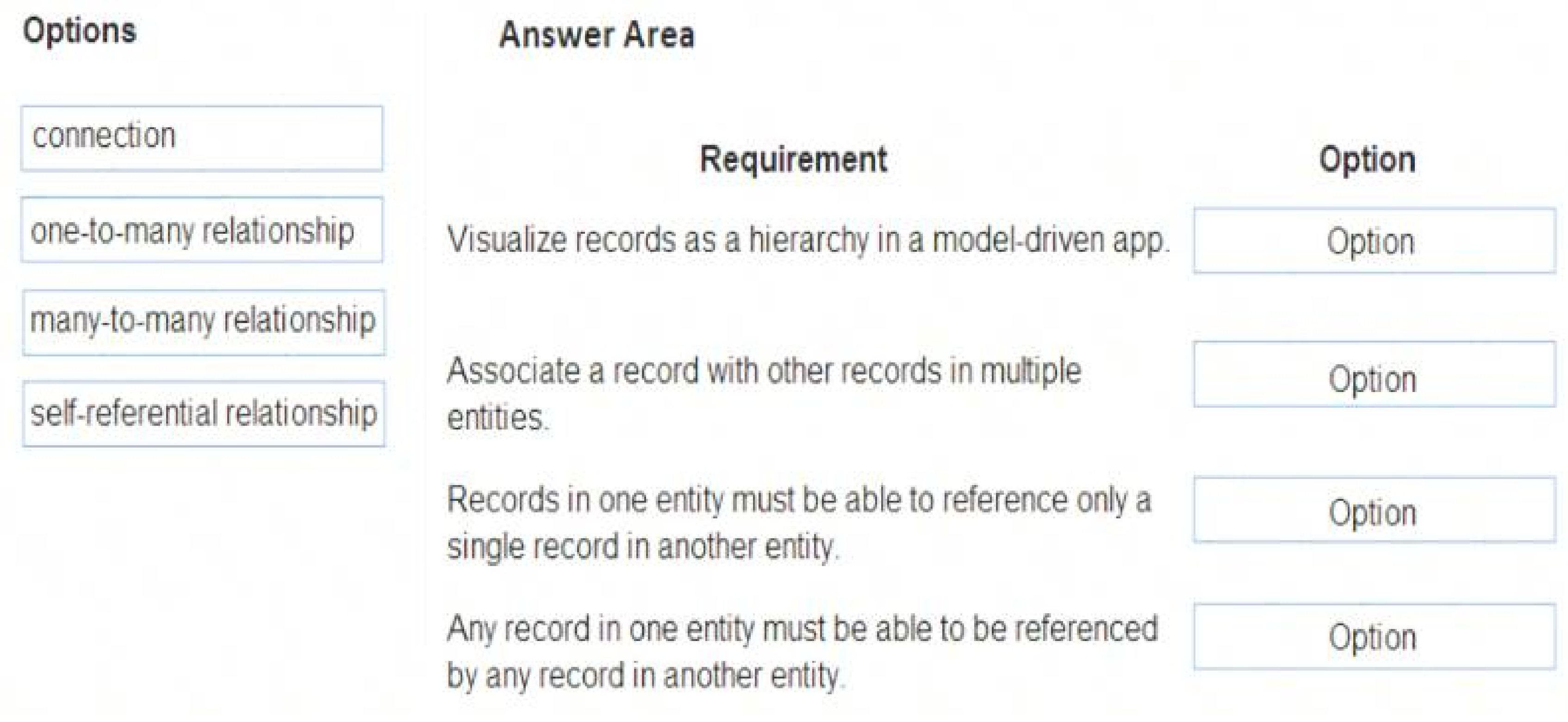
NEW QUESTION 78
- (Exam Topic 4)
A manufacturing company uses a Common Data Service (CDS) environment to manage their parts inventory across two warehouses modeled as business units and named WH1 and WH2.
Data from the two warehouses is processed separately for each part that has its inventory quantities 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.

Answer: H

Explanation:
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

NEW QUESTION 80
- (Exam Topic 4)
A company is creating a new system based on Common Data Service. You need to select the features that meet the company's requirements.
Which options should you use? To answer, drag the appropriate options to the correct requirements. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: self-referential relationship Box 2: connection
There are other less formal kinds of relationships between records that are called connections. For example, it may be useful to know if two contacts are married, or perhaps they are friends outside of work, or perhaps a contact used to work for another account. Most businesses won't generate reports using this kind of information or require that it is entered, so it's probably not worthwhile to create entity relationships.
Box 3: one-to-many relationship Box 4: many-to-many relationship Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships

NEW QUESTION 85
- (Exam Topic 4)
A company has two development instances, two test instances, two staging instances, and one production instance.
The test team reports connection issues with the test and staging instances.
You need to identify which if the instances the testing team currently has access. Which two URLs can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. https://myorg.api.crm.dynamics.com/api/data/v.9.1/
B. https://dev.crm.dynamics.com/api/discovery/v9.1/Instances
C. https://dev.crm.dynamics.com/api/discovery/v9.1/Instances(UniqueName='myorg')
D. https://disco.crm.dynamics.com/api/discovery/v9.1/
E. https://globaldisco.crm.dynamics.com/api/discovery/v9.1/Instances

Answer: CE

Explanation:
C: Organization information is stored in the Instance entity of the Discovery service. To see the kind of information contained in that entity, send an HTTP GET request to the service for one of your instances.
GET https://dev.{servername}/api/discovery/v9.0/Instances(UniqueName='myorg')
In the above example, the discovery service is used to obtain the organization information of the instance with a unique name of "myorg".
Reference:
https://docs.microsoft.com/en-in/dynamics365/customerengagement/on-premises/developer/webapi/discover-url https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/webapi/samples/global-discovery

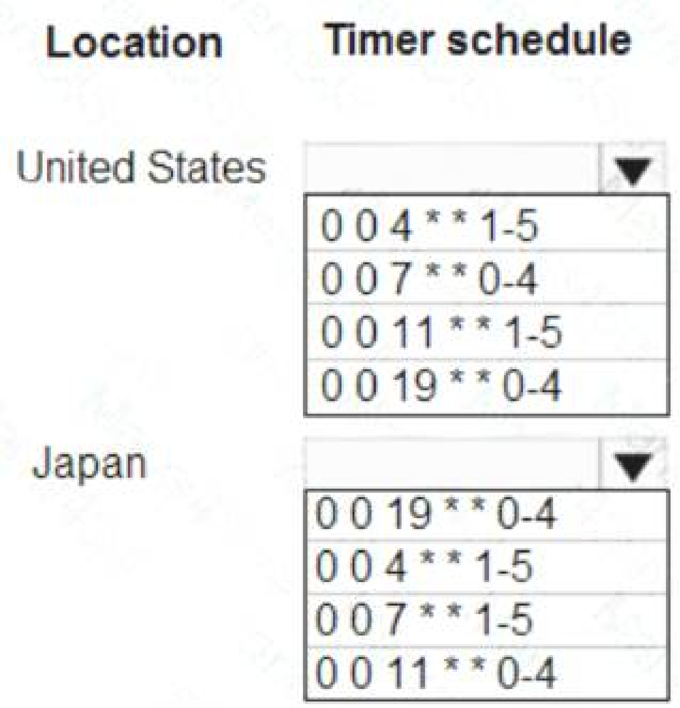
NEW QUESTION 90
- (Exam Topic 4)
An organization uses Dynamics 365 Sales. The organization has accounting and customer service departments. You must restrict users in customer service from being able to change the value of the balance field on the Contact records. The accounting team must be the only 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 permissions.
D. Enable field security for the balance field and grant the customer service team read permissions.

Answer: D

Explanation:
Reference:
https://docs.microsoft.com/en-us/dynamics365/customer-service/create-design-forms-customer-service-hub

NEW QUESTION 95
- (Exam Topic 4)
You work for a multinational company that has Azure and Common Data Service environment 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
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?

NEW QUESTION 97
- (Exam Topic 4)
A client uses a model-driven app that is deployed by using a managed solution in the production environment. The app contains only entities and UI components and has no custom code or extensions to the platform.
The client needs an exact copy of the app with a different name in the production environment. You need to recreate this app in production without disrupting the end users.
What should you do?

A. Select the original model-driven app, select Edit, and then select Save As.
B. Create a new model-driven ap
C. Select the Use existing solution to create the App check box, and then select the solution that contains the original app.
D. Select the managed solution and select Clone.
E. Create a new model-driven app, manually add each component, and then recreate its original functions.
F. Add the original app to a solution, export it as unmanaged, import it into a test environment and rename it, and then deploy it back into production.

Answer: B

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

NEW QUESTION 102
- (Exam Topic 4)
You fix a bug in the code of your application, which is currently on version 10.0.2.1. You need to publish an updated version of the solution.
Which version identifier should you use?

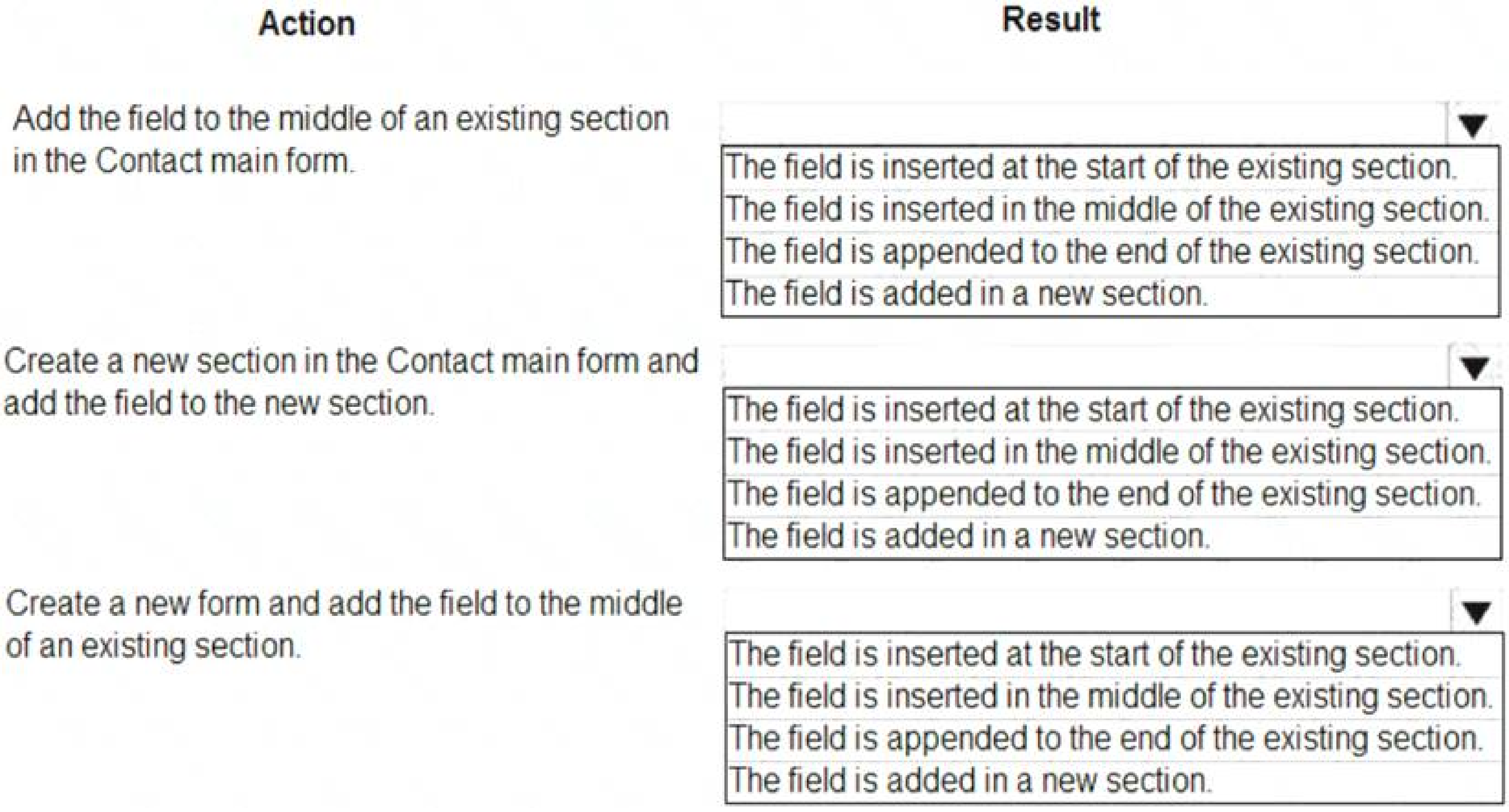
A. 10.0.3.1

B. 10.0.2.2
C. 10.1.0.2
D. 11.0.0

Answer: A

Explanation:
The version number are <major>.<minor>.<build>.<revision>.
When we create patches in Dynamics 365, the system will automatically increment the build version (you can overwrite the chosen number when you create the patch). For example, if our solution starts at 1.0.0.0, we export it to become 1.0.0.1. We then create a patch, and the version of the patch is 1.0.1.1. If we export it now, it might become 1.0.1.2. In all cases, the build or version number has been incremented. Patches require the build or version number to increment, but not the major or minor version.
Reference:
https://carldesouza.com/how-solution-version-numbers-work-in-the-microsoft-power-platform/

NEW QUESTION 106
- (Exam Topic 4)
A company has a development environment and a production environment. The production environment has several third-party managed and unmanaged solutions that made changes to the Contact main form.
You create a new solution in the development environment. You add the Contact entity and the Contact main form to the solution. You create a custom field on the Contact entity.
What happens when you perform these actions and import the solution into the production environment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: The field is appended to the end of the existing section.
When you add new elements to a form that is to be merged, we recommend that you include your new elements within new container elements (tabs or sections). Additions to any container will be appended to the end of the container. For example, fields added to a section will be positioned at the end of the section.
Box 2: The field is added in a new section.
Box 3: The field is inserted in the middle of the existing section Reference:
https://docs.microsoft.com/en-us/previous-versions/dynamicscrm-2016/developers-guide/gg309329(v=crm.8)

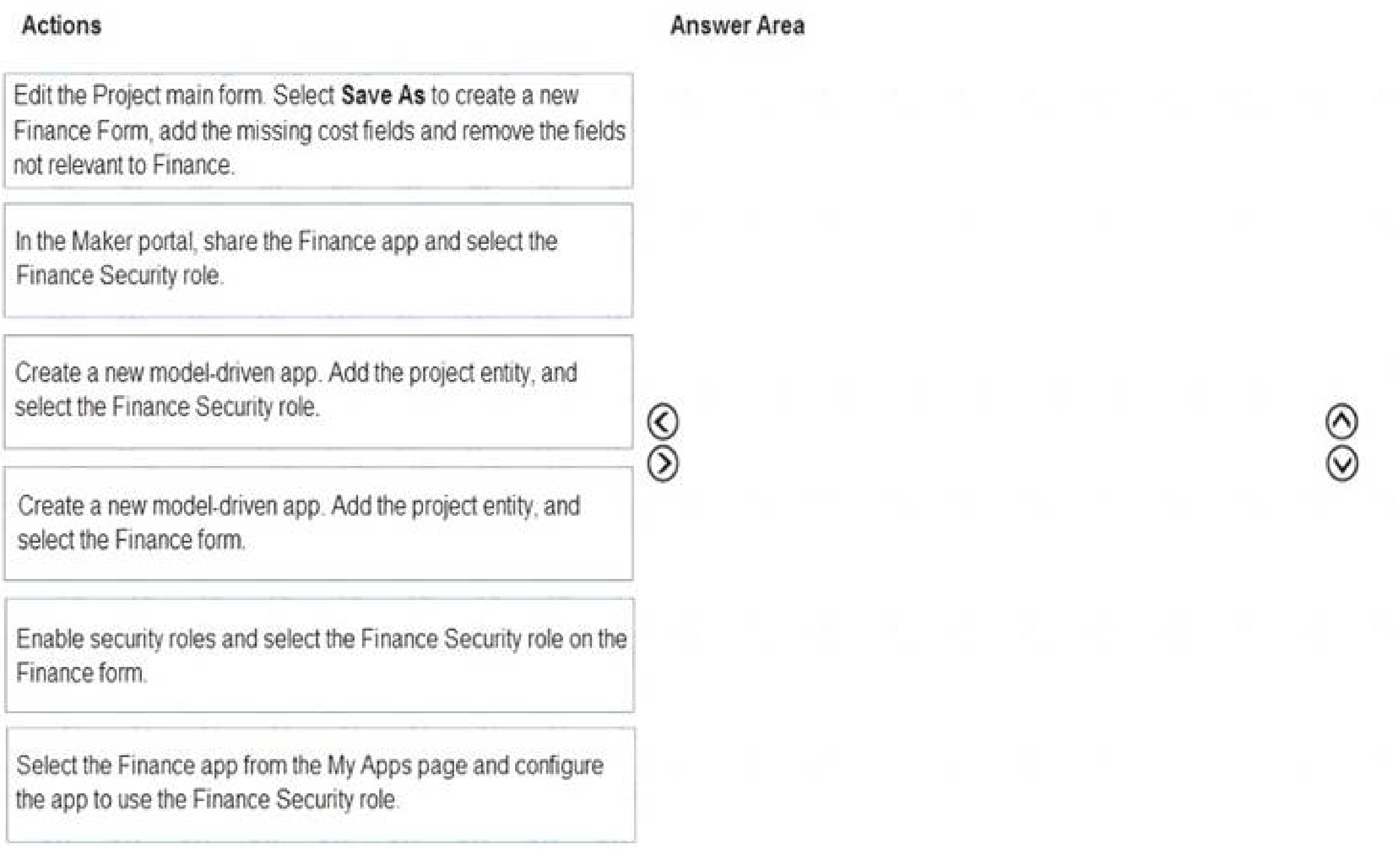
NEW QUESTION 109
- (Exam Topic 4)
A university has implemented Dynamic 365 Sales. Several department use opportunity records to bid for funding for project within their departments.
Each department's opportunities are not visible to other departments. However, there are times two departments needs to work together on an opportunity.
You need to configure the security to meet the business requirements.
Solution: Use position hierarchy security and define the two departments as positions. Does the solution meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 110

- (Exam Topic 4)
A company has a Common Data Service (CDS) environment. The company creates model-driven apps for different sets of users to allow them to manage and monitor projects.
Finance team users report that the current app does not include all the entities they require and that the existing project form is missing cost information. Cost information must be visible only to finance team users.
You create a security role for finance team users. You need to create a new app for finance team users.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

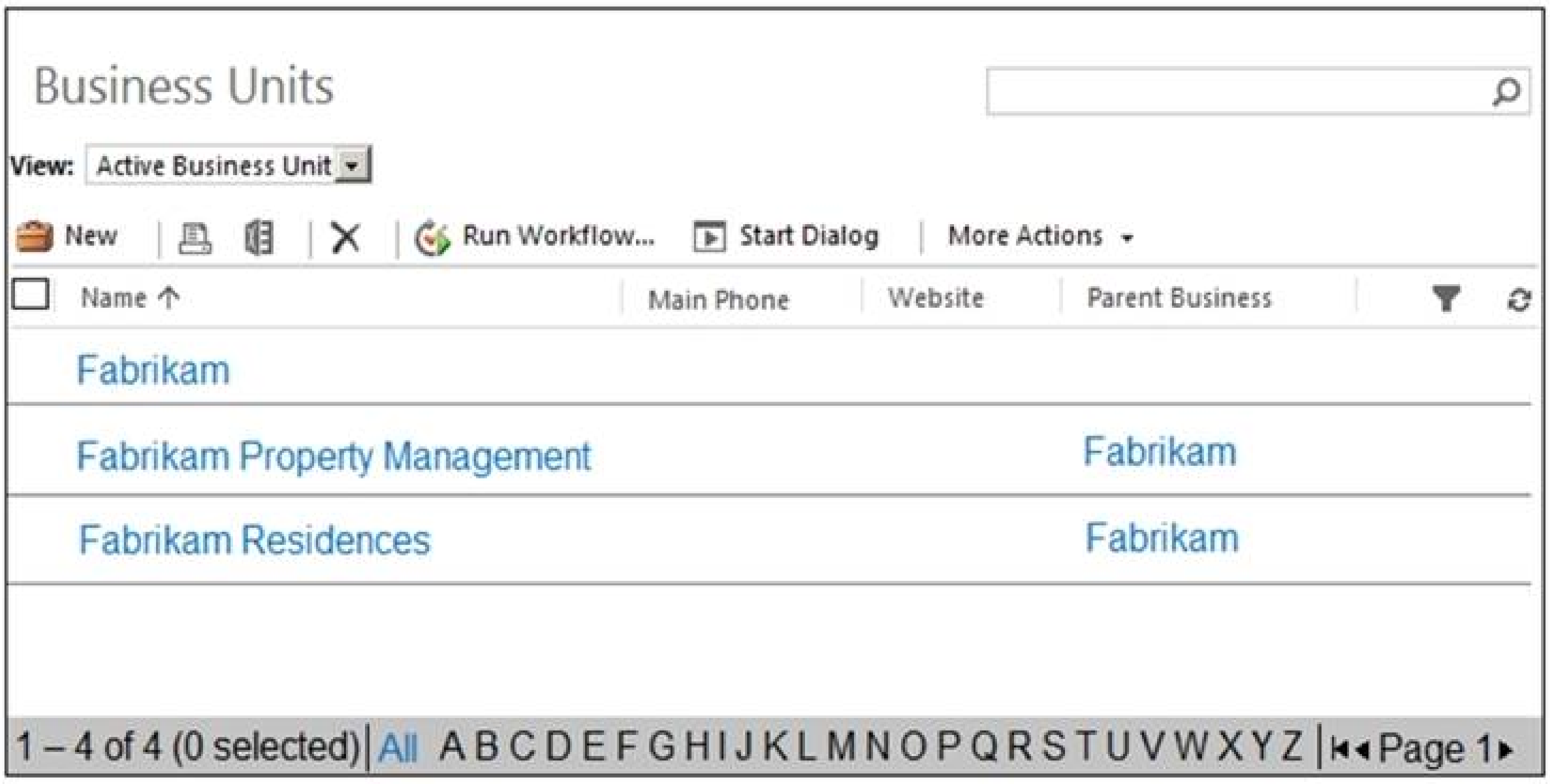


A. Mastered
B. Not Mastered

Answer: A

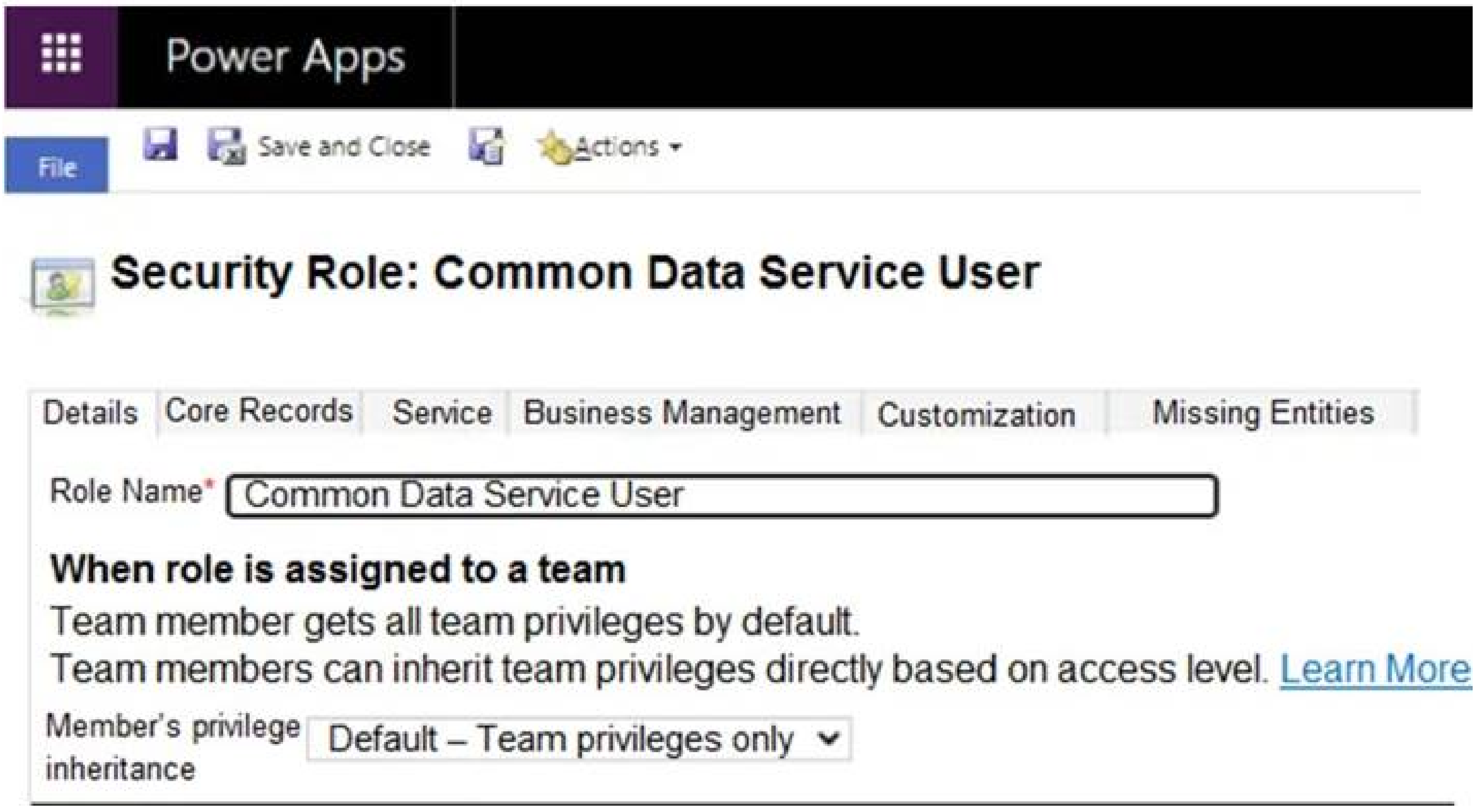
Explanation:
Step 1: Edit the Project main form. Select Save as..
Step 2: Create a new model-driven app. Add the project entity, and select the Finance form. Step 3: Enable security roles and select the Finance Security role on the Finance
Assign security roles to the main form. Use this to make a main form available to specific groups. Step 4: In the Maker portal, share the Finance app and select the Finance Security role.
Sharing a model-driven app involves two primary steps. First, associate a one or more security role(s) with the app then assign the security role(s) to users.
- Visit https://make.powerapps.com
- Select a model-driven app and click Share.
- Select the app then choose a security role from the list. Reference:
https://docs.microsoft.com/dynamics365/customer-engagement/admin/assign-security-roles-for

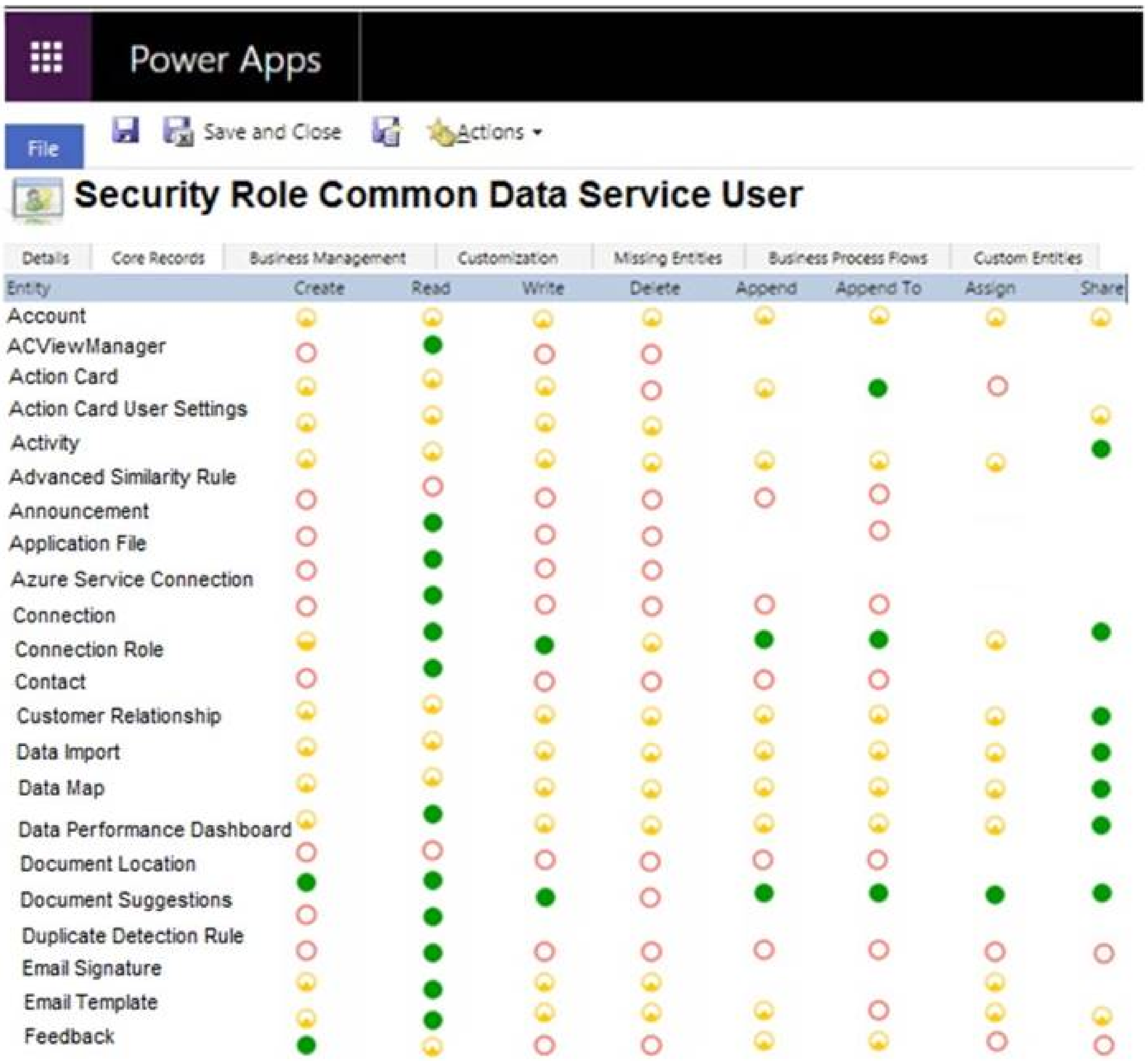
NEW QUESTION 113
- (Exam Topic 4)
Fabrikam, Inc, has two divisions as shown in the Business Unit exhibit. (Click the Business Unit tab.)



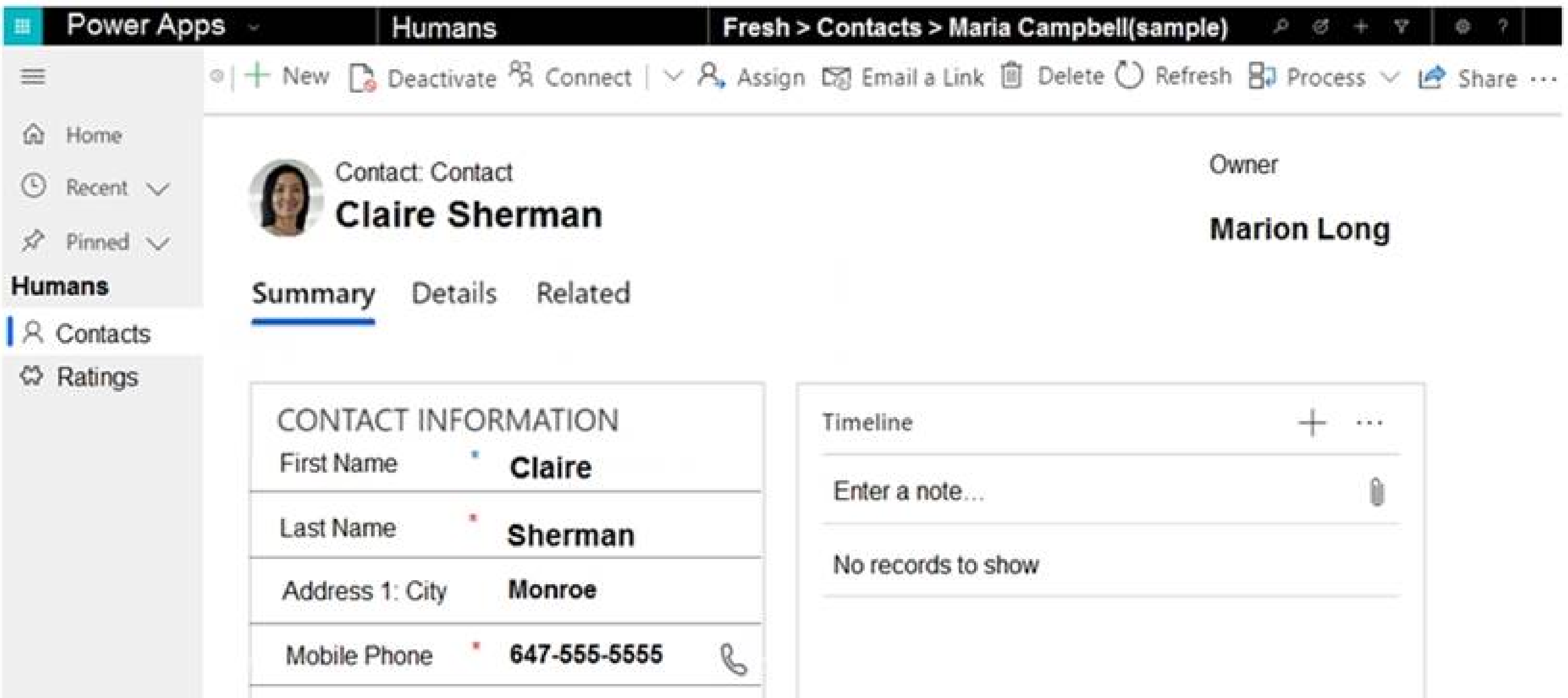
- Fabrikam Residences rents units short term to clients.
- Fabrikam Property Management deals with the maintenance of the units and manages the contractors who perform the maintenance.
- Clients and contractors are both stored in the Contact entity.

The manager of the Property Management business unit is a member of a Fabrikam 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.)



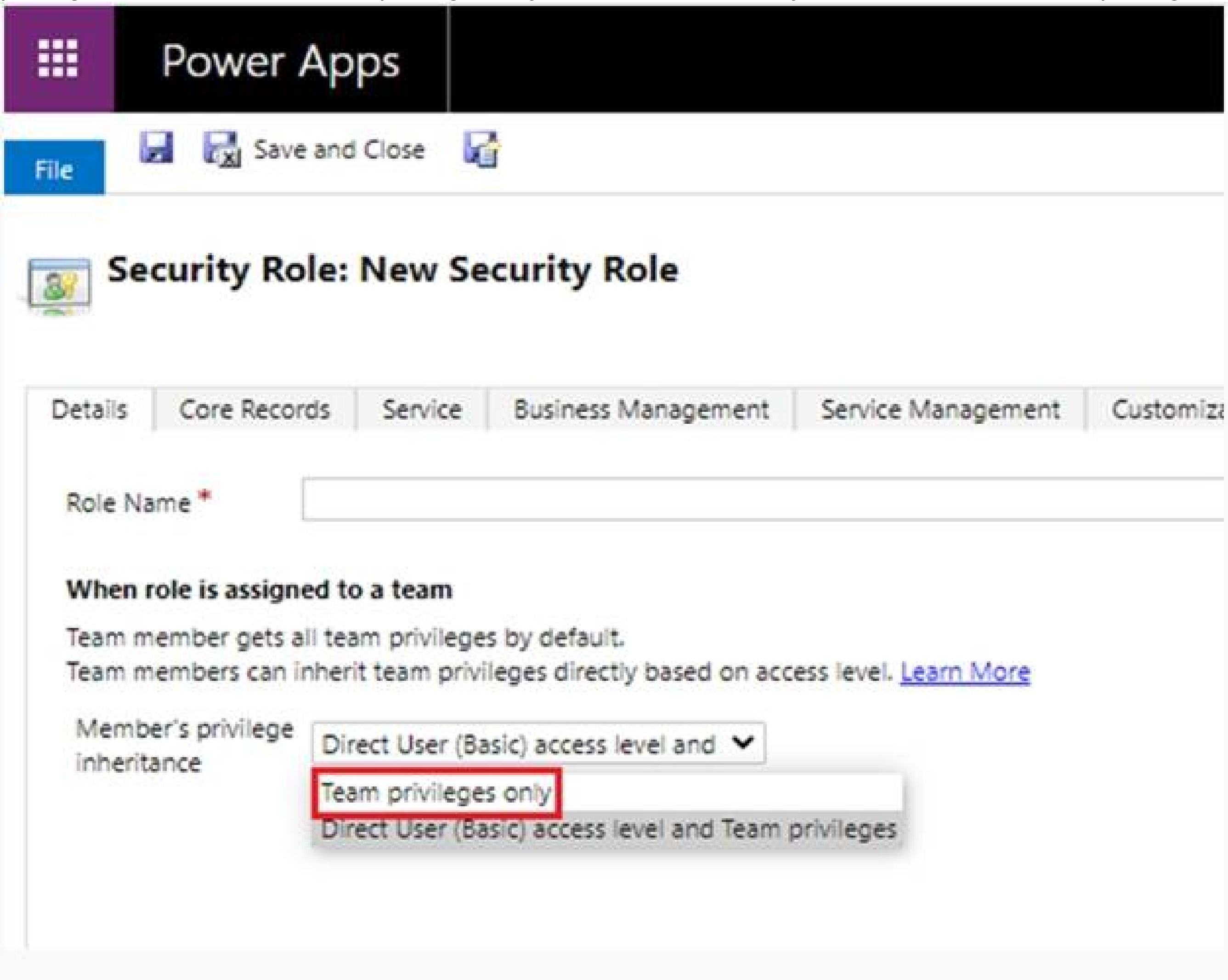
You need to ensure that the manager can view contact records owned by someone in the Residences business unit.
For each of the following statements, select Yes if the statement achieves the goal. Otherwise, select No.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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

NEW QUESTION 116
- (Exam Topic 4)
A financial institution that has a Dynamics 365 Customer Engagement environment requires that the account balance field from the account entity be visible to specific users only.
You need to set up the field security for the account balance field.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a field security profile.
B. Set the field to Read-Only and then publish the entity.
C. Create a security role and add the specific users to the role.
D. Enable field security and then publish the entity.
E. Set the field permission Allow Read to Yes and add the users to the members section.

Answer: ADE

Explanation:
To implement field-level security, a system administrator performs the following tasks.
- Enable field security on one or more fields for a given entity.
- Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.

A security profile determines the following:
- Permissions to the secure fields
- Users and Teams

A security profile can be configured to grant user or team members the following permissions at the field level:
- Read. Read-only access to the field's data.
- Create. Users or teams in this profile can add data to this field when creating a record.
- Update. Users or teams in this profile can update the field's data after it has been created. Reference:

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

NEW QUESTION 120
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