Vendor: Microsoft

Exam Code:MB-400

Exam Name: Microsoft Power Apps + Dynamics 365 Developer

Version: Demo

QUESTION 1

DRAG DROP

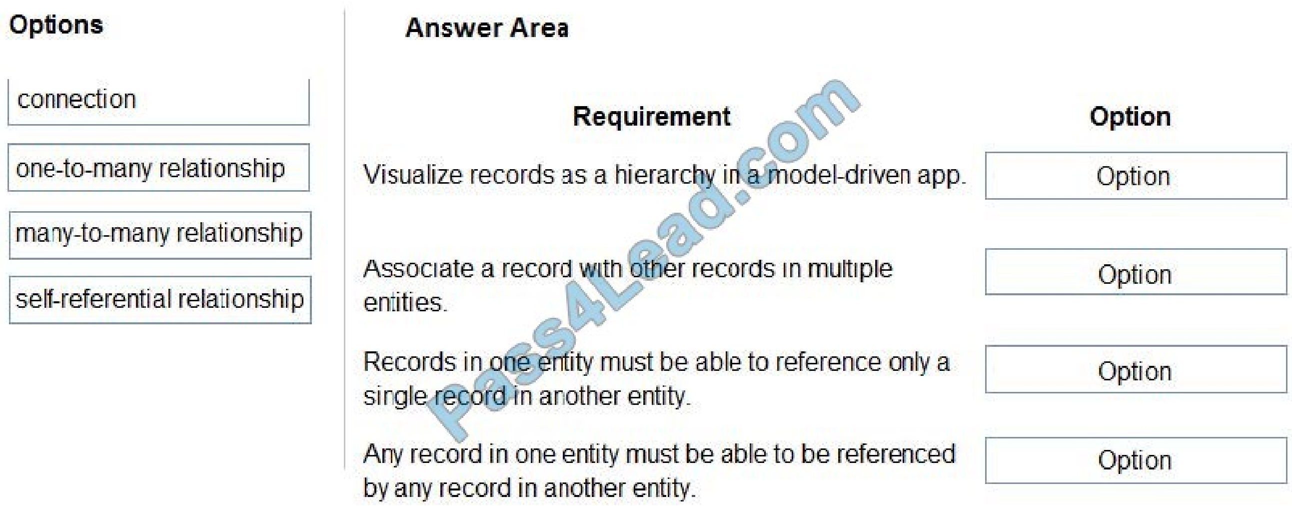
A company is creating a new system based on Common Data Service.

You need to select the features that meet the company\\'s requirements.

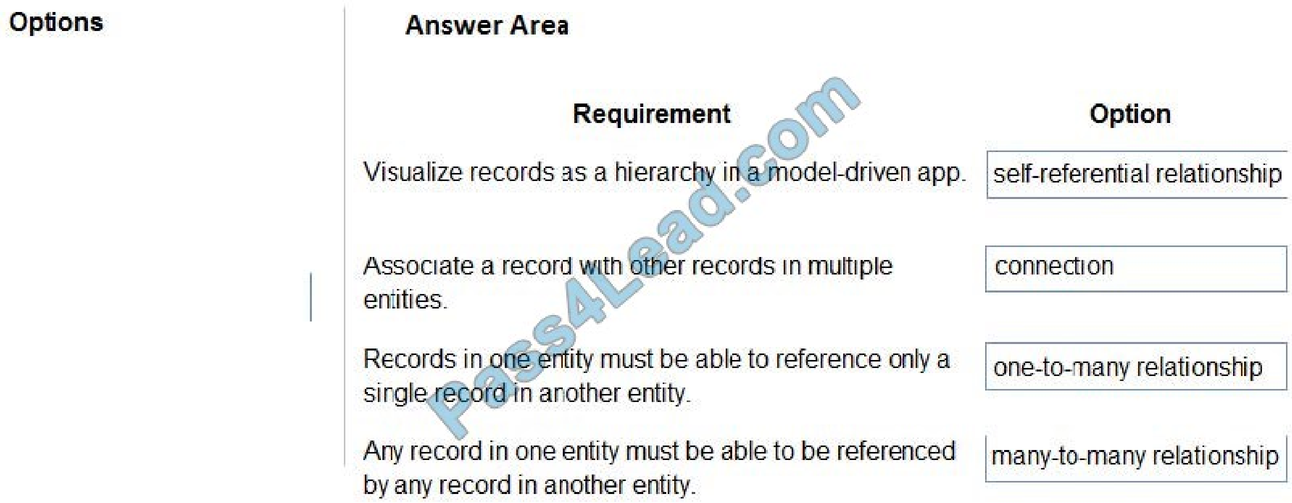
Which options should you use? To answer, drag the appropriate options to the correct requirements. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



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

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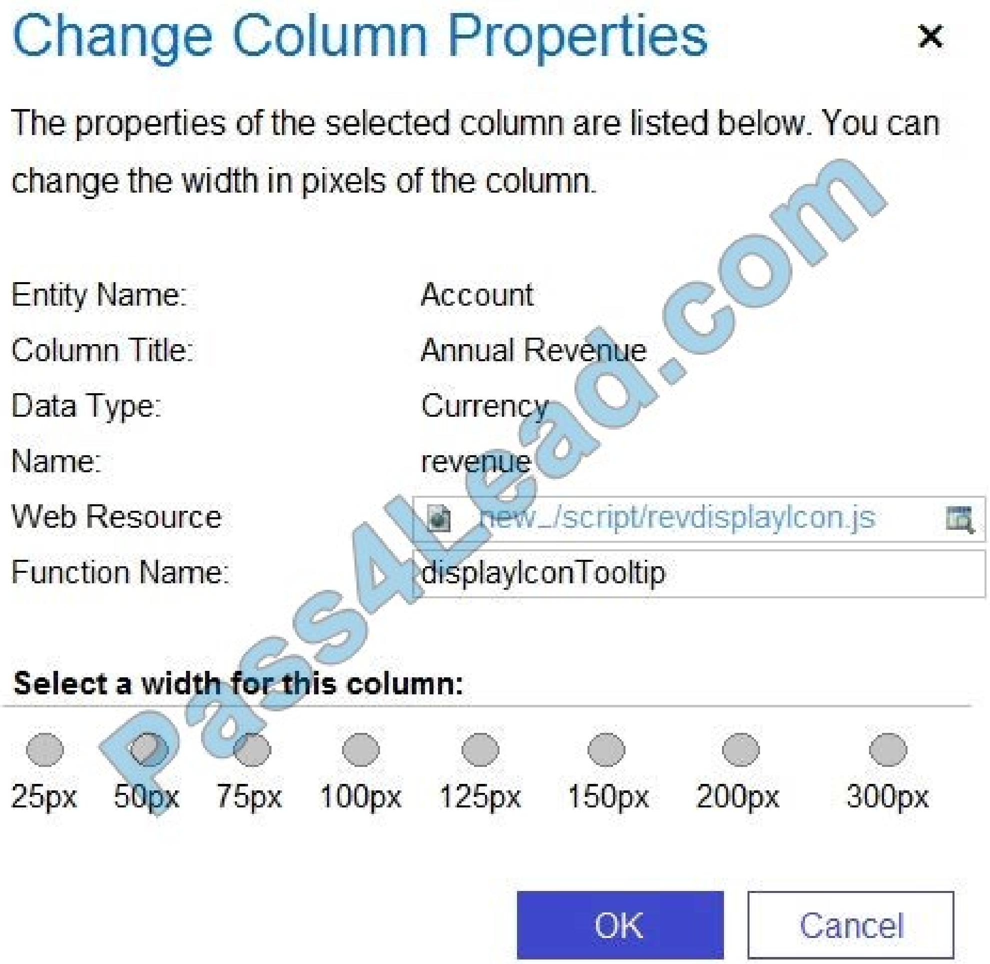
QUESTION 2

HOTSPOT

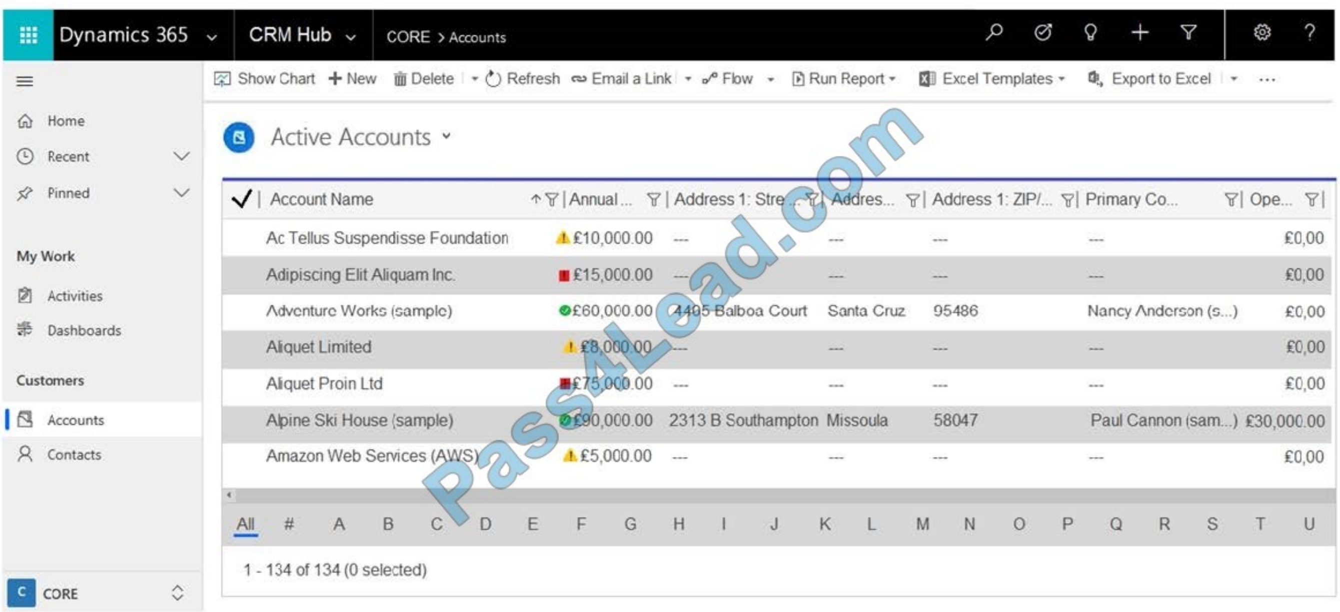
You have the following JavaScript function: (Line numbers are included for reference only.)

```
function displayIconTooltip(rowData, userLCID)
{
 var imgName = “”;
 var tooltip = “Relationship Health”;
 var str = JSON.parse(rowData);
 var prevrev = str.new_previousyearannualrevenue_Value;
 var rev = str.revenue_Value;
 var health = parseFloat(rev) - parseFloat(prevrev);
 if (health > 0)
    imgName = “new_good”;
 else if (health == 0)
    imgName = “new_warm”;
 else
    imgName = “new_bad”;
 var resultarray = [imgName, tooltip];
 return resultarray;
}
```


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 Account 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.

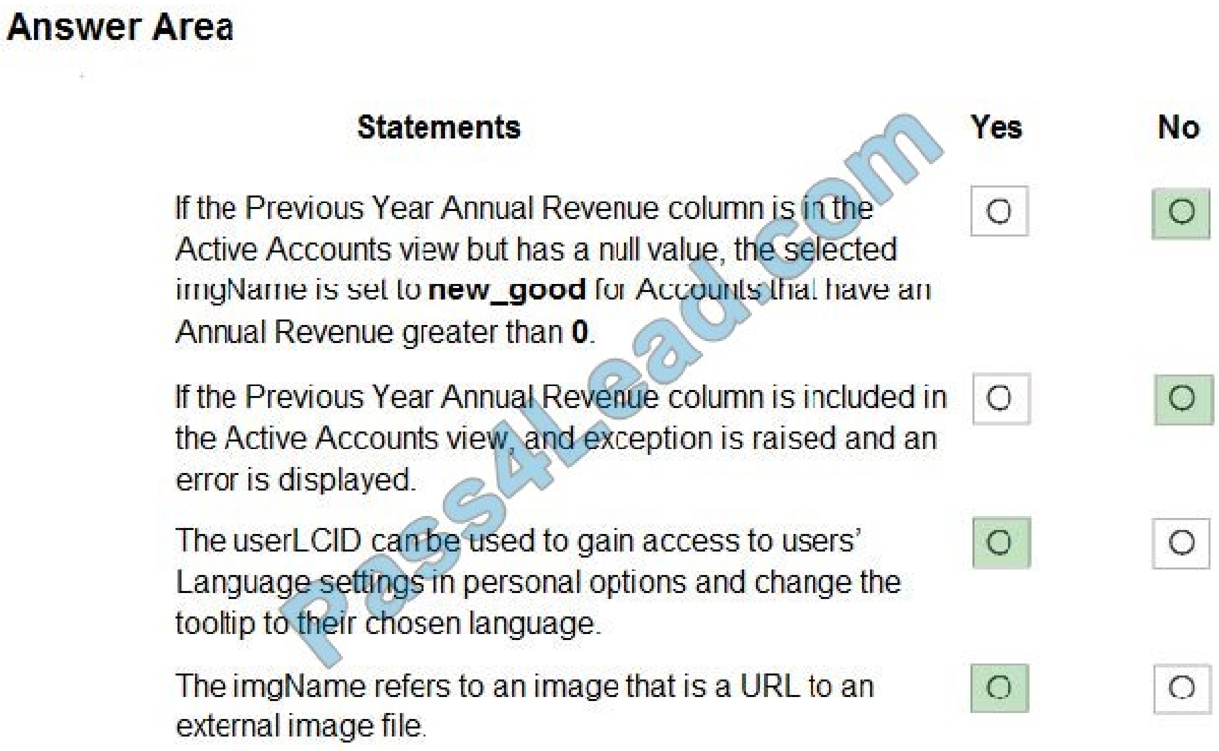
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

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 than **0**.	○	○
If the Previous Year Annual Revenue column is included in the Active Accounts view, and 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.	○	○
The imgName refers to an image that is a URL to an external image file.	○	○

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 than **0**.	○	○
If the Previous Year Annual Revenue column is included in the Active Accounts view, and 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.	○	○
The imgName refers to an image that is a URL to an external image file.	○	○

Box 1: No

parseFloat will return \\'NaN\\' if it\\'s not a number (null and undefined are NaNs).

Box 2: No Box 3: Yes Session.userLCID is the Locale ID for the ASP application.

Box 4: Yes Reference: https://support.microsoft.com/en-us/help/229690/how-to-set-the-asp-locale-id-per-the-browser-s-language-settings

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QUESTION 3

A client requires that the system sends an email from a button on their customer contact form.

You need to call the action from JavaScript.

Which two functions achieve this result? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Xrm.WebApi.online.createRecord()

B. Xrm.WebApi.online.updateRecord()

C. Xrm.WebApi.online.execute()

D. Xrm.WebApi.online.executeMultiple()

Correct Answer: C

You can execute action using Xrm.WebApi.online.execute in Dynamics 365 CRM V9.0.

Reference: https://carldesouza.com/calling-a-dynamics-365-action-from-javascript-using-xrm-webapi-online-execute/

QUESTION 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

Correct Answer: B

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

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

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QUESTION 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 one correct solution, while

others might not have a correct solution.

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

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

You need to reduce the time required to synchronize data.

Solution:

1.

Enable change tracking for entities that will be synchronized.

2.

Implement a console application that queries for changes. Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

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

References: https://docs.microsoft.com/en-us/power-platform/admin/enable-change-tracking-control-data-synchronization

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QUESTION 6

DRAG DROP

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

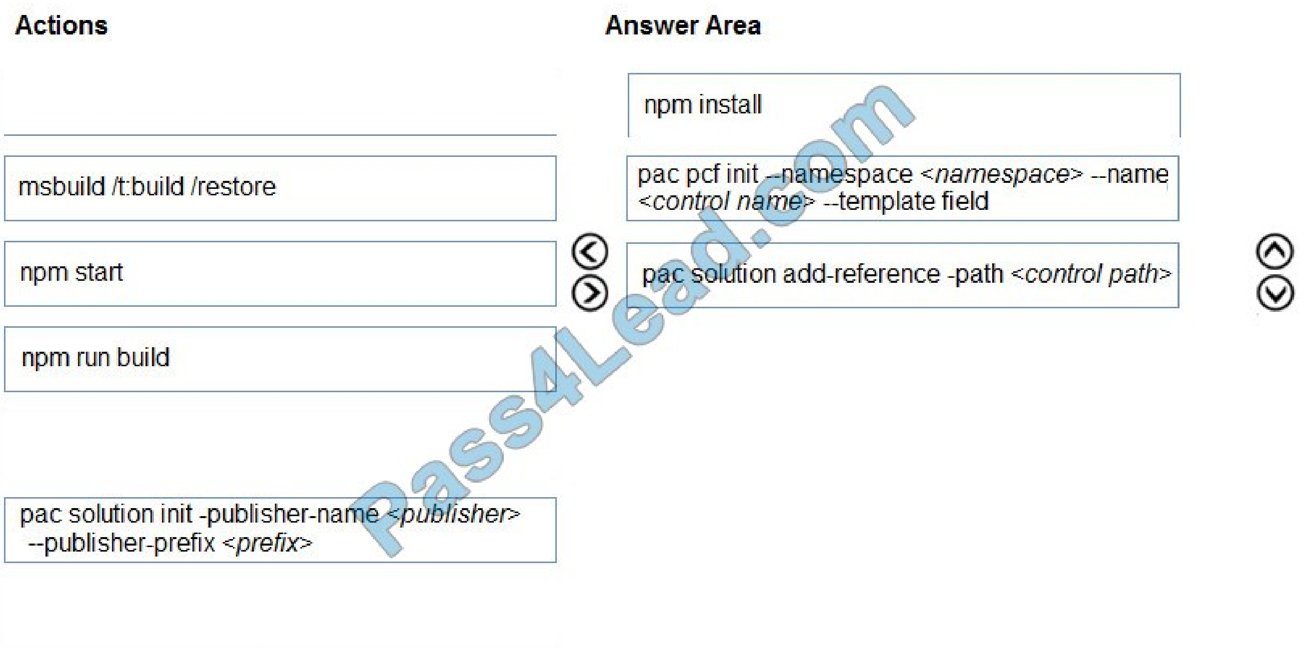
You create a new reusable custom component using the PowerApps component framework (PCF).

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

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

Select and Place:

Correct Answer:



Step 1: npm install

Install Npm

Step 2: pac pcf init ..

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

init: Initializes the code component project. It has the following parameters namespace: Namespace of the code component.

name: Name of the code component.

template: Field or dataset

Step 3: pac solution add-reference

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

add-References:

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

Syntax: pac solution add-reference --path

Incorrect Answers:

pac solution init ..

Commands for working with Common Data Service solution projects. We are working with a PowerApps component framework project though.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/powerapps-cli

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QUESTION 7

HOTSPOT

A company imports data from files.

The following code is created to import the files. (Line numbers are included for reference only.)

```
var transactionrequest = new ExecuteTransactionRequest()
{
Requests = new OrganizationRequestCollection(),
ReturnResponses = true
};
…
foreach (DataRow dr inRows)
{
…
var contact = new Entity("contact");
contact["firstname"] = firstname;
contact["lastname"] = lastname;
var createRequest = new CreateRequest() {Target = contact};
transactionrequest.Requests.Add(createRequest);
}
try
{
var response = (ExecuteTransactionResponse)crmSvc.Execute(transactionrequest);
foreach (var responseItem in response.Responses)
{
var createResponse = (CreateResponse)responseItem;
Console.WriteLine("Created: {0}", createResponse.id.ToString());
}
}
catch (FaultException<Microsoft.Xrm.Sdk.OrganizationServiceFault> ex)
{
Console.WriteLine("Error: {0}", ((ExecuteTransactionFault)(ex.Detail)).FaultedRequestIndex + 1, ex.Detail.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.

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.	○	○
`,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.	○	○

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.	○	○
`,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.	○	○

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-requests

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QUESTION 8

DRAG DROP

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

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

rule.

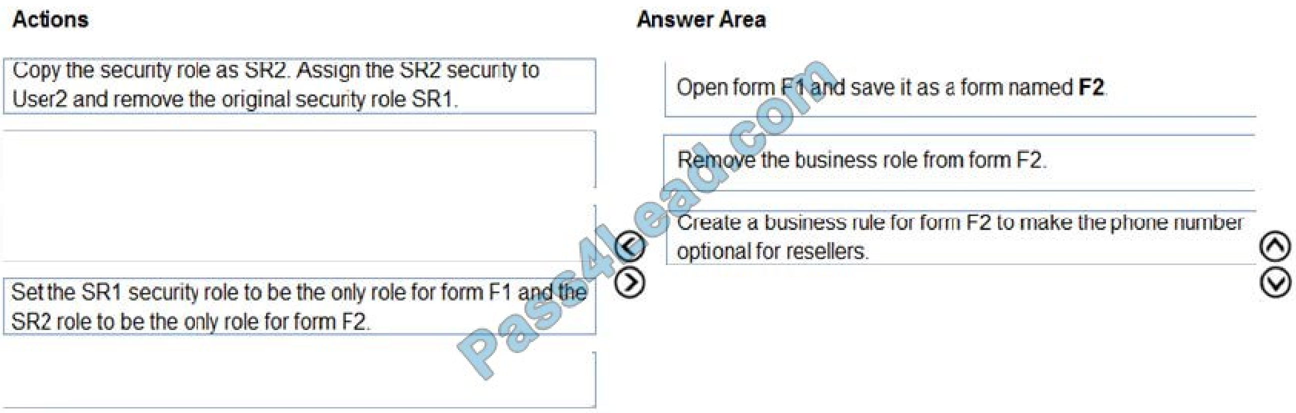
You need to ensure that User2 can enter reseller data into the system.

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

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

Select and Place:

Correct Answer:



QUESTION 9

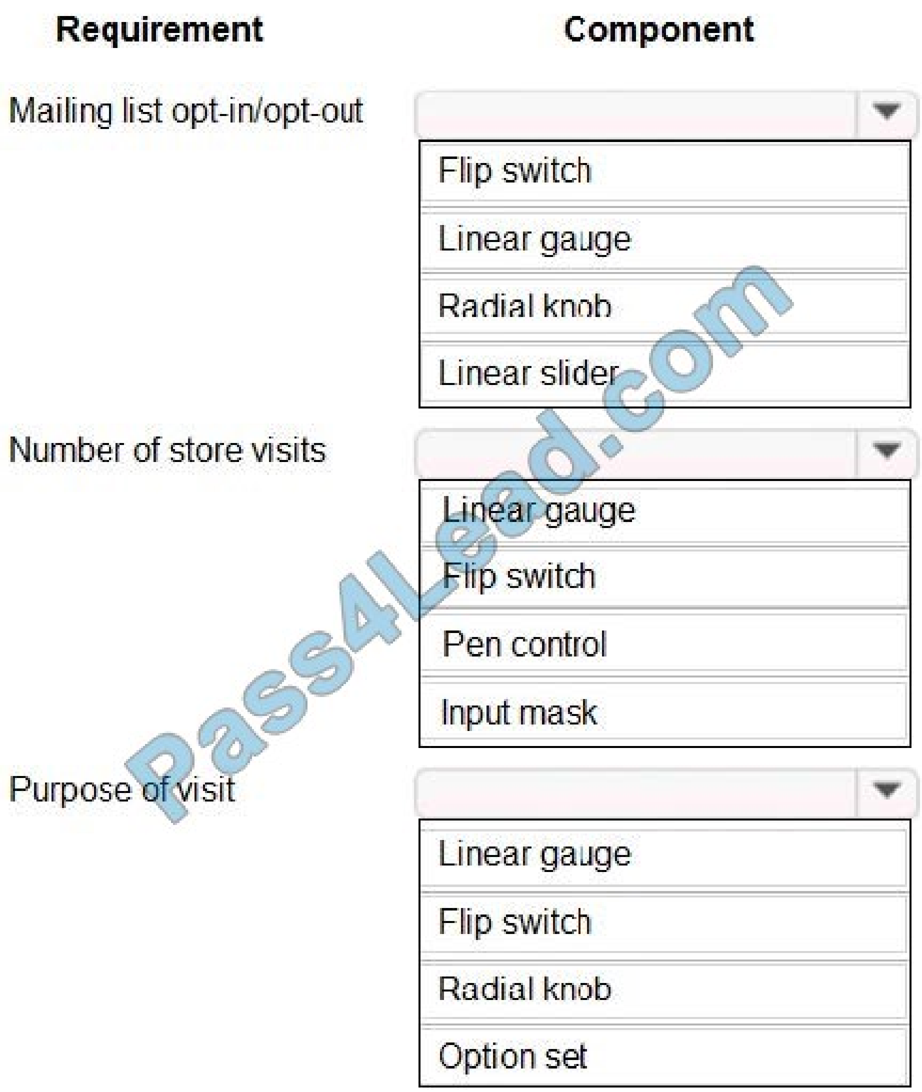
HOTSPOT

You need to select the visualization component.

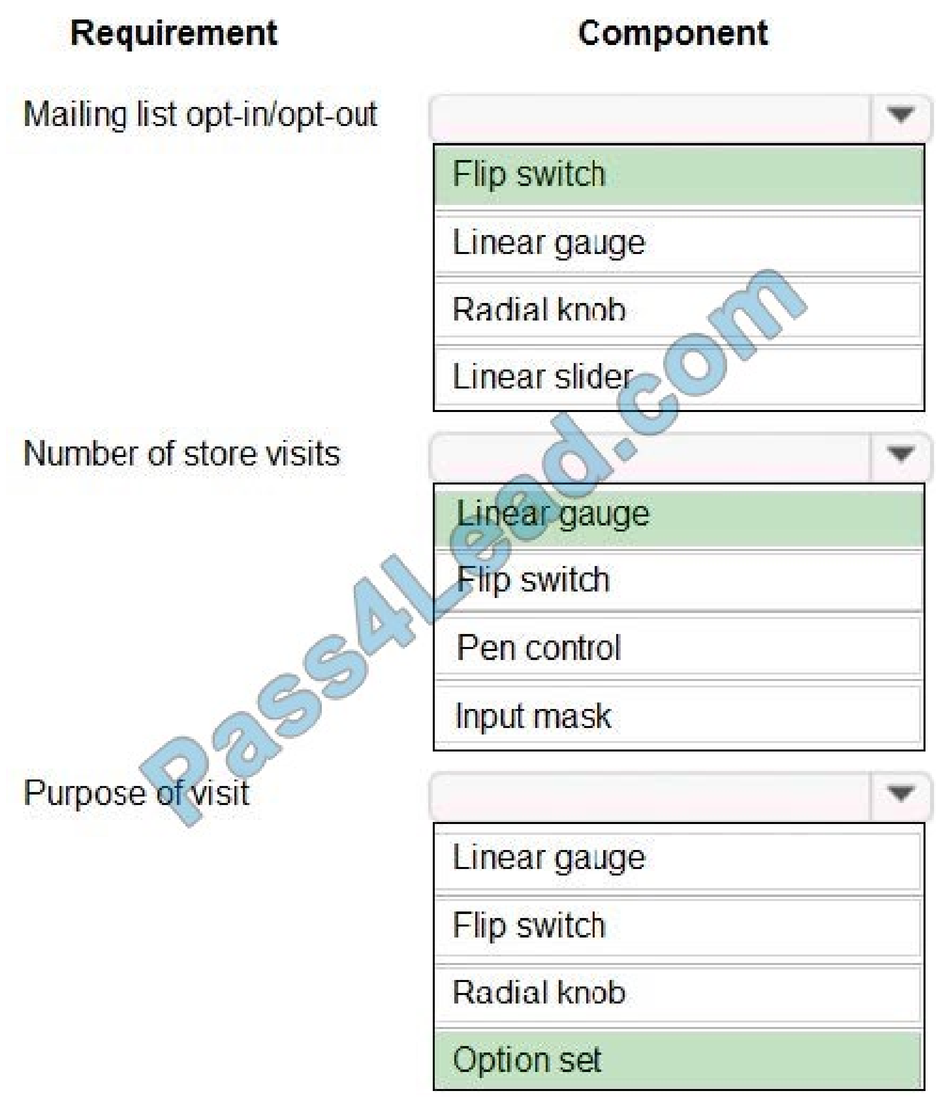
What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



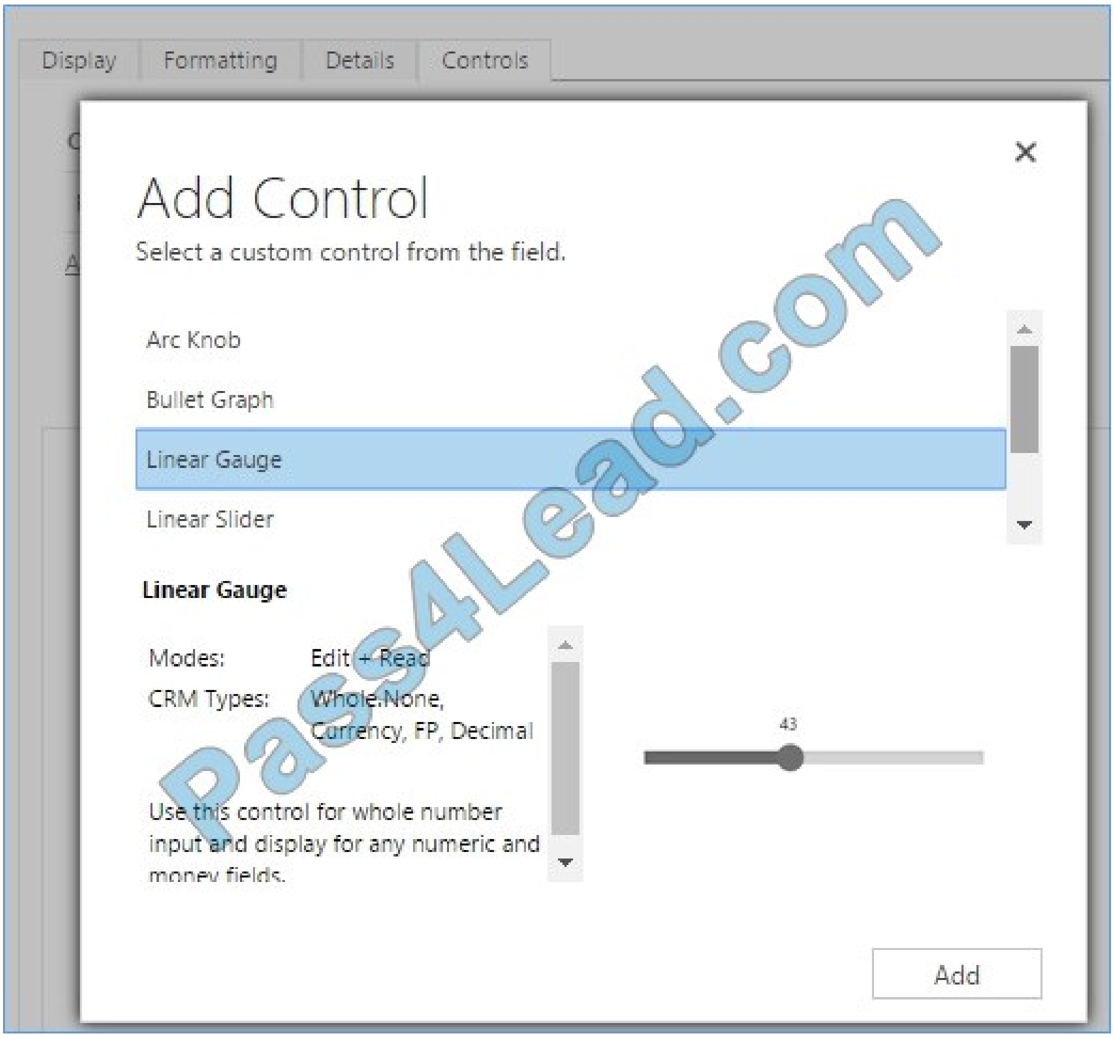
Box 1: Flip switch

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

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

way.

Box 2: Linear gauge



Box 3: Option Set

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

Reference:

https://www.inogic.com/blog/2018/04/controls-in-dynamics-365-for-mobile-app-flip-switch/

https://community.dynamics.com/365/sales/b/crminogic/posts/new-controls-for-phones-and-tablets-in-dynamics-crm-2016-update-1

QUESTION 10

You need to replace the bicycle inspection forms.

Which two solutions should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a canvas app that guides the technician through the inspection

B. a logic app that guides the technician through the inspection

C. a flow that maps inspection data to Dynamics 365 for Field Service

D. a model-driven app based on customer service entities

Correct Answer: CD

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.

C: 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: Model-driven apps are good for creating end-to-end solutions. For example, after a customer service support ticket has been created, it must be routed, addressed, updated, marked as complete, and so on. There will likely be quite a few teams, roles, and processes involved in this complete cycle of case resolution, which would require a model-driven app.

Reference: https://docs.microsoft.com/en-us/dynamics365/field-service/overview

https://us.hitachi-solutions.com/blog/canvas-vs-model-driven-apps/

QUESTION 11

HOTSPOT

A company is preparing to go live with their Dynamics 365 Customer Engagement solution, but first they need to migrate data from a legacy system. The company is migrating accounts in batches of 1,000.

When the data is saved to Dynamics 365 Customer Engagement, the IDs for the new accounts must be output to a log file.

You have the following code:

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

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

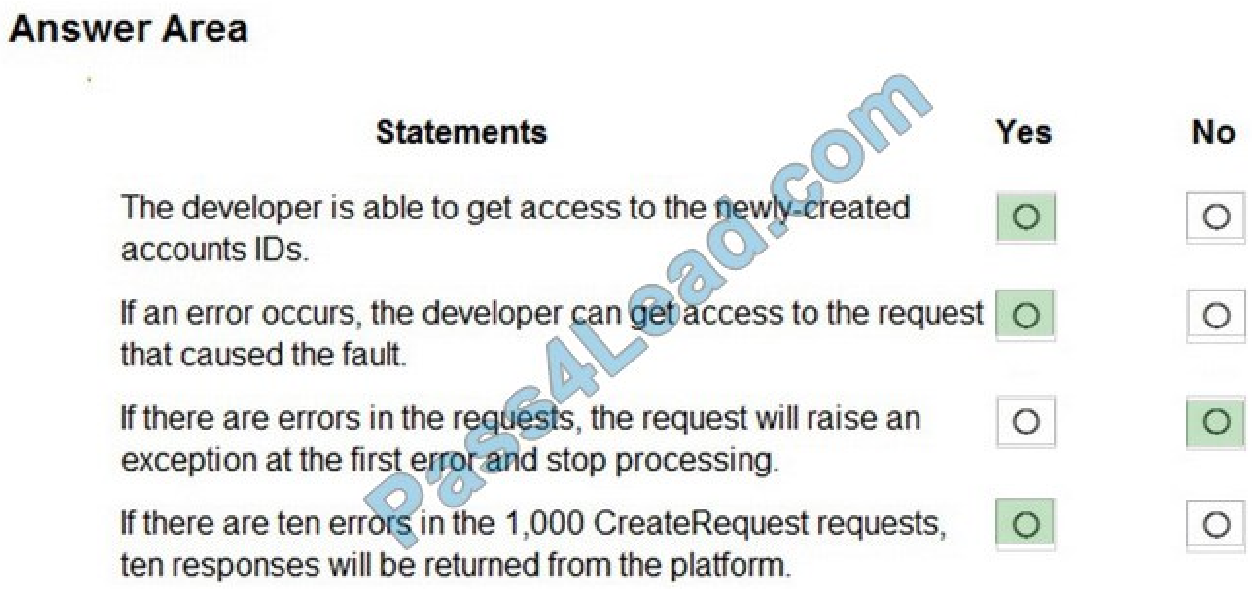
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:



Answer Area

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

Box 1: Yes

Box 2: Yes Even when ReturnResponses is false, the Responses collection will not be empty if errors are returned. If errors are returned, there will be one response item in the collection for each processed request that returned a fault and Fault will be set to the actual fault that occurred.

Box 3: No ContinueOnError, here set to true: when true, continue processing the next request in the collection even if a fault has been returned from processing the current request in the collection. When false, do not continue processing the next request.

Box 4: Yes Even when ReturnResponses is false, the Responses collection will not be empty if errors are returned. If errors are returned, there will be one response item in the collection for each processed request that returned a fault and Fault will be set to the actual fault that occurred.

Reference: https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/execute-multiple-requests

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QUESTION 12

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

A. Recreate customizations in a new environment.

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

C. Clone the solution

D. Create packages for Package Deployer.

Correct Answer: D

Scenario: The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.

Microsoft Dynamics CRM Package Deployer enables administrators to deploy packages on Customer Engagement (on-premises) or Common Data Service environment.

Incorrect Answers:

B: You can only export an unmanaged solution.

Reference: https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/export-solution