MB-400 Q&As

Microsoft Power Apps + Dynamics 365 Developer

QUESTION 1

DRAG DROP

A developer must register a step using the Plug-in registration tool.

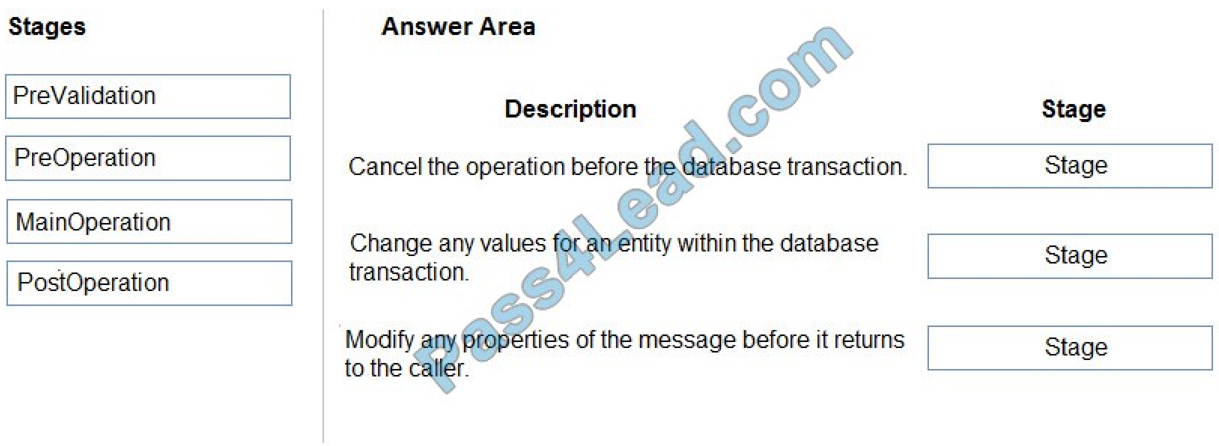
You need to associate the correct Event Pipeline Stage of Execution with its purpose.

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

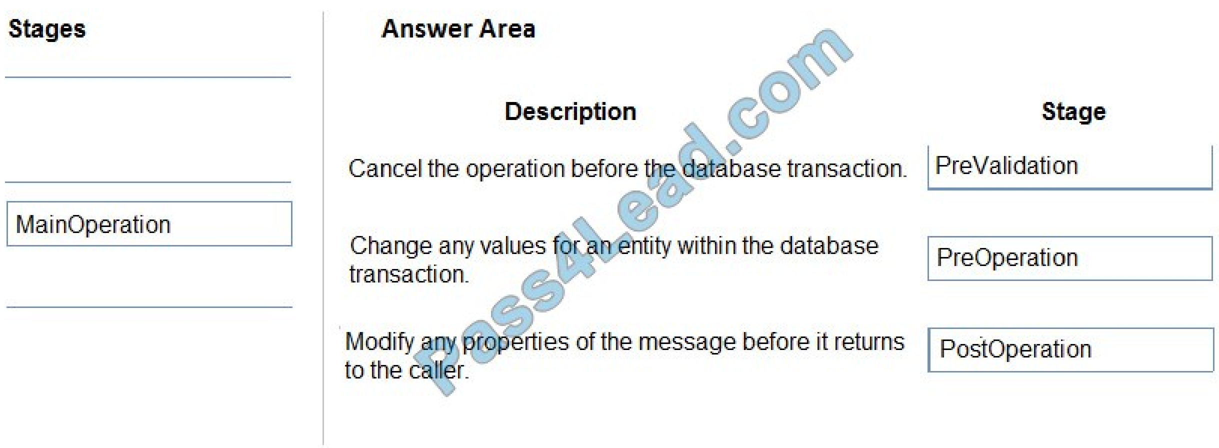
scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



The event pipeline allows you to configure when in the event the plug-in code will execute. The event pipeline is divided into the following events and stages:

Box 1: PreValidation

Pre-event/Pre-Validation

This stage executes before anything else, even before basic validation if the triggering action is even allowed based on security. Therefore, it would be possible to trigger the plug-in code even without actually having permission to do so and

great consideration must be used when writing a pre-validation plug-in. Also, execution in this stage might not be part of the database transaction.

Examples:- security checks being performed to verify the calling or logged on user has the correct permissions to perform the intended operation.

Box 2: PreOperation

Pre-event/Pre-Operation

This stage executes after validation, but before the changes has been committed to database. This is one of the most commonly used stages.

Example uses:

If and “update” plug-in should update the same record, it is best practice to use the pre-operation stage and modify the properties. That way the plug-in update is done within same DB transaction without needing additional web service update

call.

Box 3: PostOperation

Plug-ins which are to execute after the main operation. Plug-ins registered in this stage are executed within the database transaction.

This stage executed after changes have been committed to database. This is one of the most used stages.

Example uses:

Most of the “Create” plugins are post-event. This allows access to the created GUID and creation of relationships to newly created record.

Incorrect Answers:

MainOperation:- main operation of the system, such as create, update, delete, and so on. No custom plug-ins can be registered in this stage.

Reference:

https://community.dynamics.com/crm/f/microsoft-dynamics-crm-forum/216569/ms-crm-plugin-execution-pipeline

QUESTION 2

An organization uses Dynamics 365 Customer Engagement. The organization has accounting and customer service departments.

You must restrict users in customer service from being able to change the value of the balance field on the Contact records. The accounting team must be the only team able to edit this field.

You need to create the appropriate solution without any customizations.

What should you do?

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

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

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

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

Correct Answer: D

Field-level security is available for the default fields on most out-of-box entities, custom fields, and custom fields on custom entities. Field-level security is managed by the security profiles. To implement field-level security, a system administrator performs the following tasks.

1.

Enable field security on one or more fields for a given entity.

2.

Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.

Note: Record-level permissions are granted at the entity level, but you may have certain fields associated with an entity that contain data that is more sensitive than the other fields. For these situations, you use field-level security to control access to specific fields.

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

QUESTION 3

HOTSPOT

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.

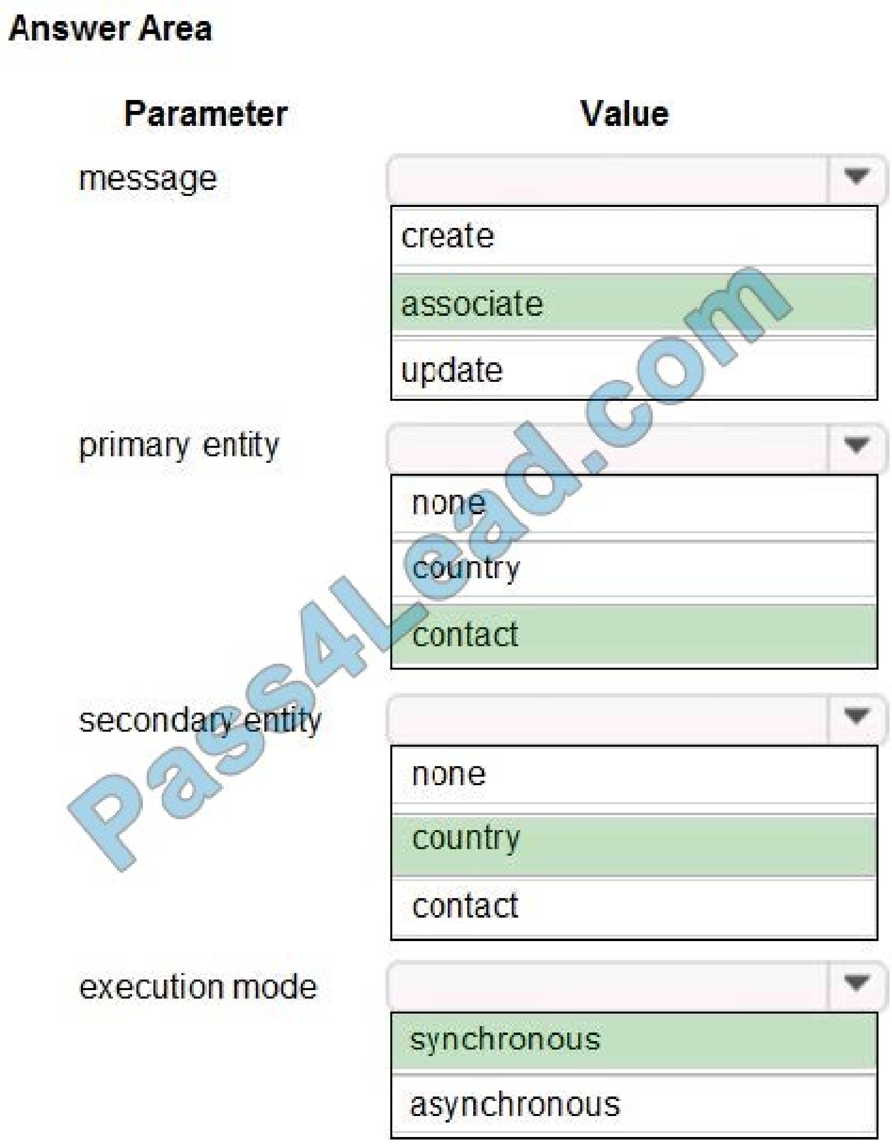
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Parameter	Value
message	create associate update
primary entity	none country contact
secondary entity	none country contact
execution mode	synchronous asynchronous

Correct Answer:



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

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QUESTION 4

DRAG DROP

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

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

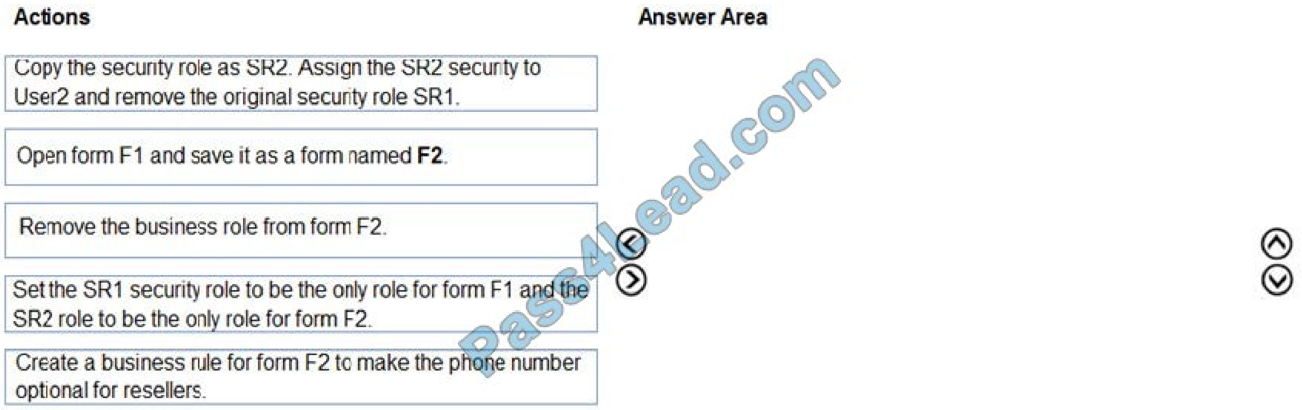
rule.

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

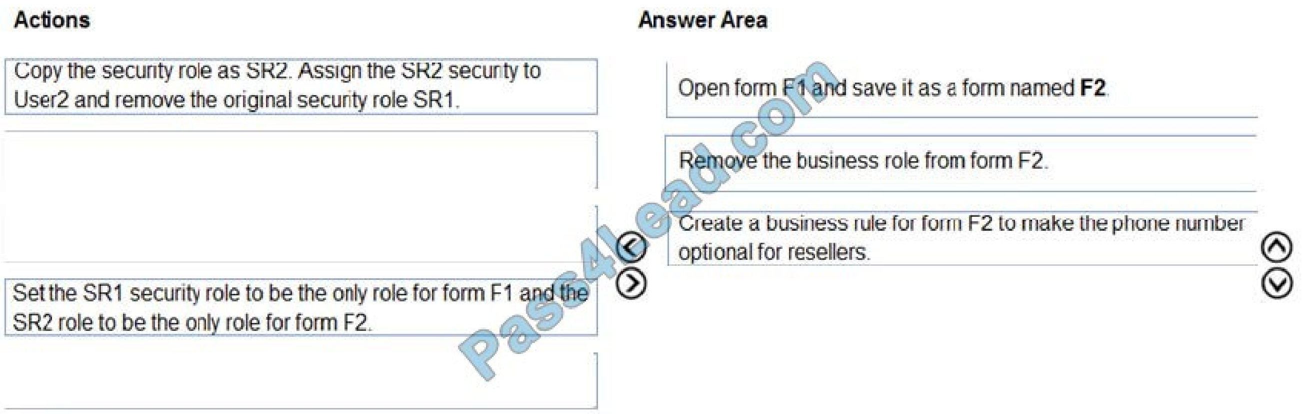
Which three actions should perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

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

Select and Place:



Correct Answer:



QUESTION 5

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.

Correct Answer: ADE

To implement field-level security, a system administrator performs the following tasks.

1.

Enable field security on one or more fields for a given entity.

2.

Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.

A security profile determines the following:

1.

Permissions to the secure fields

2.

Users and Teams

A security profile can be configured to grant user or team members the following permissions at the field level:

1.

Read. Read-only access to the field\\'s data.

2.

Create. Users or teams in this profile can add data to this field when creating a record.

3.

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

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