MB-820$^{Q\&As}$

Microsoft Dynamics 365 Business Central Developer

Pass Microsoft MB-820 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/mb-820.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft Official Exam Center

QUESTION 1

A company has a task that is performed infrequently. Users often need to look up the procedure to complete the task.

The company requires a wizard that leads users through a sequence of steps to complete the task.

You need to create the page to enable the wizard creation.

Which page type should you use?

A. NavigatePage

B. Card

C. RoleCenter

D. List

Correct Answer: A

For a task that is performed infrequently and requires users to follow a sequence of steps, a wizard-like interface is ideal. In Microsoft Dynamics 365 Business Central, the NavigatePage page type (A) is best suited for this purpose. NavigatePage is designed to guide users through a series of steps or pages, allowing them to complete a task by making choices or entering data in a structured manner. This page type is often used for setup wizards, data migration tasks, or any other process that benefits from a step-by-step approach. Unlike the other page types like Card (B), RoleCenter (C), or List (D), NavigatePage specifically supports the navigation and decision-making flow required for wizard creation, making it the optimal choice for this requirement.

QUESTION 2

DRAG DROP

You are developing an XMLport to export data from the parent Item table and a related child "Item Unit of Measure\\' table. The XMLport configuration must provide the following:

1.

Link the child table to its parent.

2.

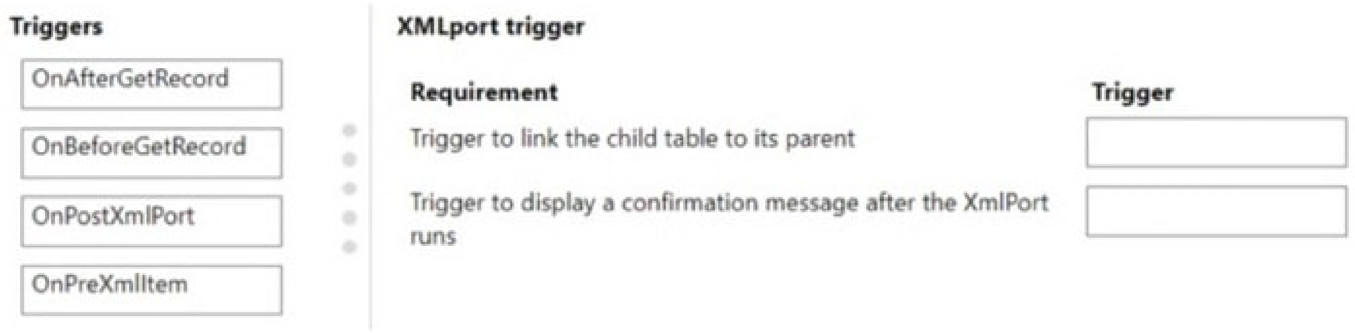
Display a confirmation message after the XMLport runs.

You need to generate the XMLport.

What should you do? To answer, move the appropriate triggers to the correct requirements. You may use each trigger 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.

Select and Place:



Triggers

OnAfterGetRecord

OnBeforeGetRecord

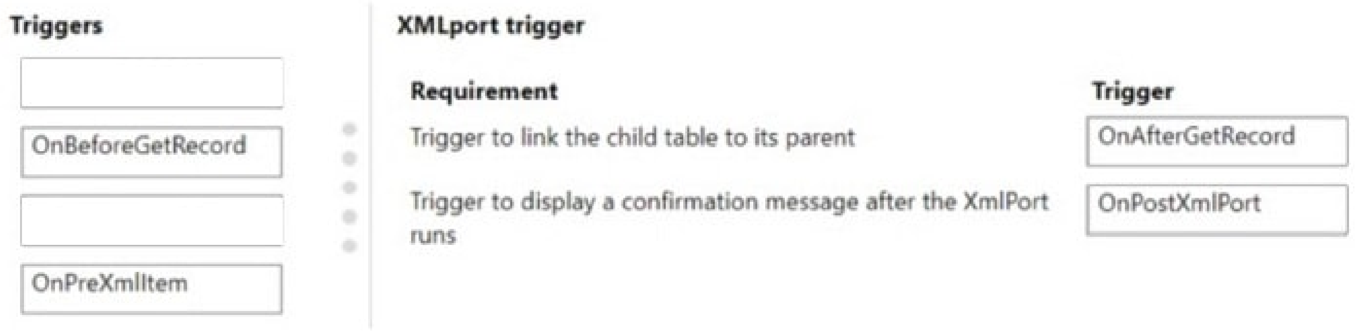
OnPostXmlPort

OnPreXmlItem

XMLport trigger

Requirement	Trigger
Trigger to link the child table to its parent	
Trigger to display a confirmation message after the XmlPort runs	

Correct Answer:



Triggers

OnBeforeGetRecord

OnPreXmlItem

XMLport trigger

Requirement	Trigger
Trigger to link the child table to its parent	OnAfterGetRecord
Trigger to display a confirmation message after the XmlPort runs	OnPostXmlPort

To meet the XMLport configuration requirements:

Link the child table to its parent: Use the OnAfterGetRecord trigger. Display a confirmation message after the XMLport runs: Use the OnPostXMLPort trigger.

In Business Central, when you are developing an XMLport for data export, triggers are used to perform actions at different stages of the XMLport\\'s operation:

OnAfterGetRecord Trigger:This trigger fires after a record is retrieved from the database but before it is processed for output in the XMLport. It is the ideal place to link child table records to their parent because you have access to the current

record that can be used to set filters or modify data in the child table before it is written to the XML file.

OnPostXMLPort Trigger:This trigger fires after the XMLport has finished processing all records. It is the correct place to display a confirmation message because it ensures that the message will appear after the entire XMLport operation is

complete. Here, you can use application-specific functions to show the message, such as MESSAGE function in AL code.

By placing the appropriate triggers in these positions, you can ensure that the XMLport will link the child records to their parent records during the data export process and will notify the user with a confirmation message once the operation is

successfully completed.

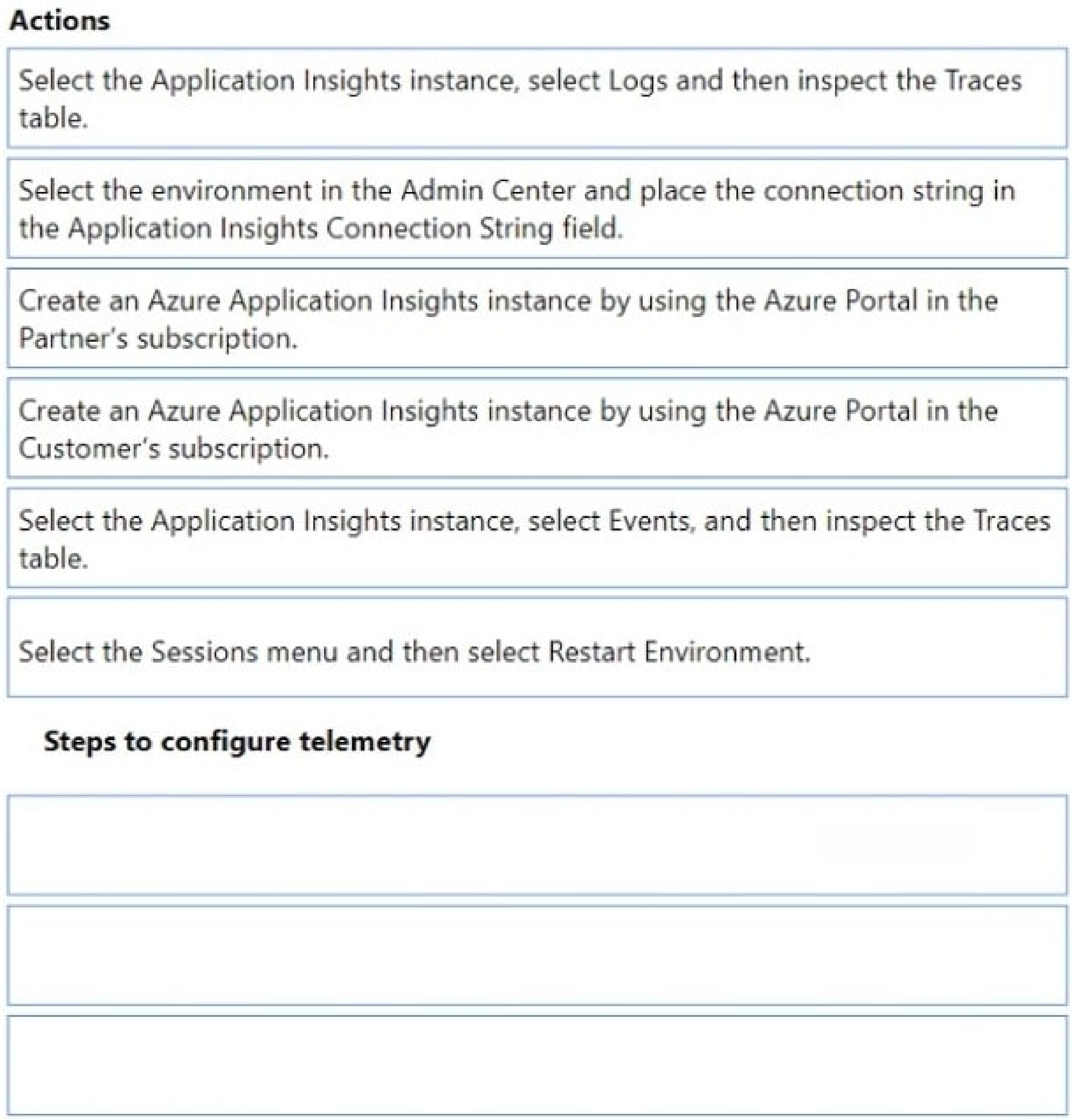
QUESTION 3

DRAG DROP

You need to configure telemetry for the SaaS tenant and test whether the ingested signals are displayed.

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:

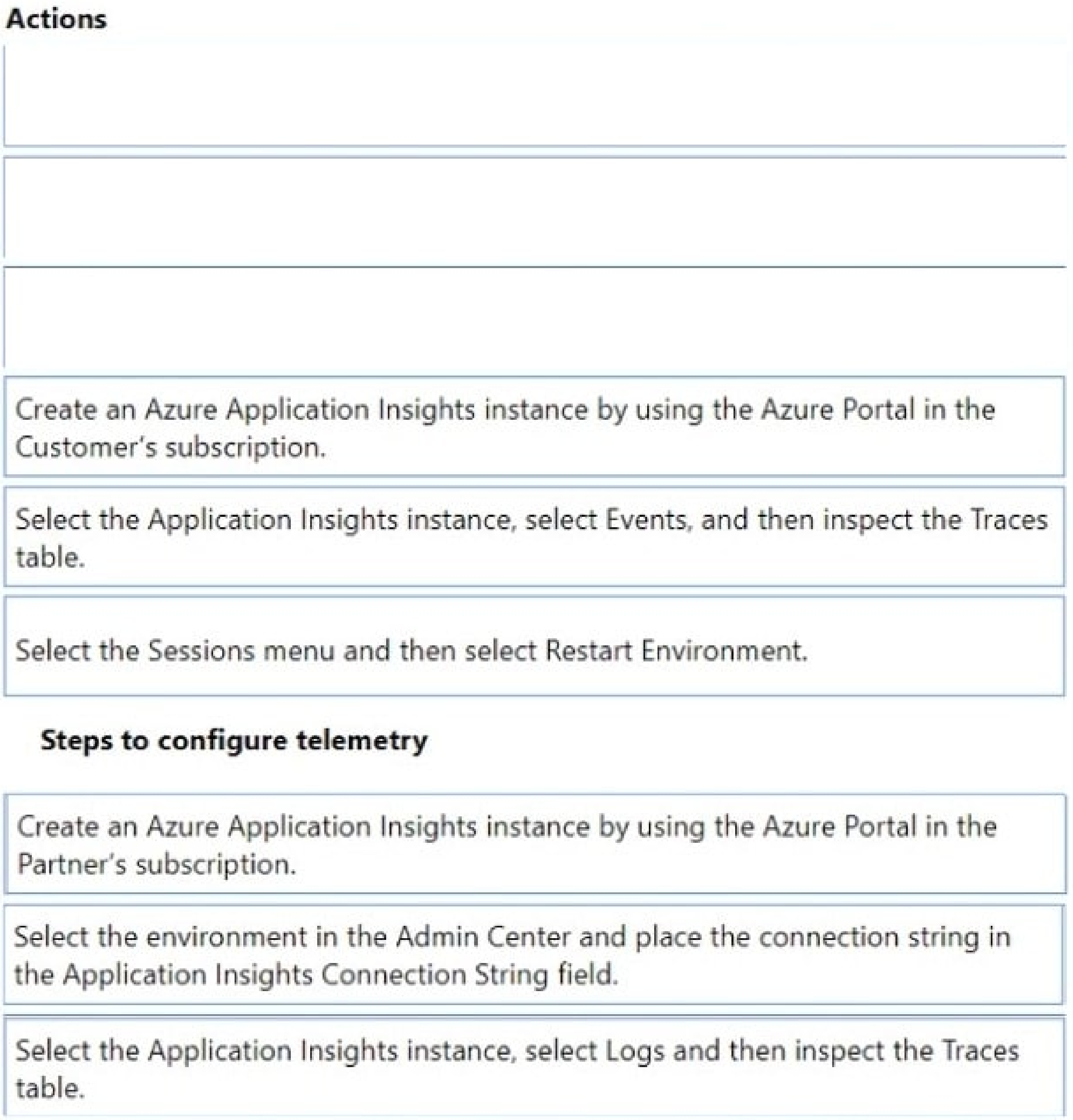


Actions

- Select the Application Insights instance, select Logs and then inspect the Traces table.
- Select the environment in the Admin Center and place the connection string in the Application Insights Connection String field.
- Create an Azure Application Insights instance by using the Azure Portal in the Partner's subscription.
- Create an Azure Application Insights instance by using the Azure Portal in the Customer's subscription.
- Select the Application Insights instance, select Events, and then inspect the Traces table.
- Select the Sessions menu and then select Restart Environment.

Steps to configure telemetry

Correct Answer:



Actions

Create an Azure Application Insights instance by using the Azure Portal in the Customer's subscription.

Select the Application Insights instance, select Events, and then inspect the Traces table.

Select the Sessions menu and then select Restart Environment.

Steps to configure telemetry

Create an Azure Application Insights instance by using the Azure Portal in the Partner's subscription.

Select the environment in the Admin Center and place the connection string in the Application Insights Connection String field.

Select the Application Insights instance, select Logs and then inspect the Traces table.

Step 1: Create an Azure Application Insights instance by using the Azure Portal in the Partner\\'s subscription.

Scenario: External business partner

The external business partner must add custom telemetry to an application created for Contoso, Ltd. to monitor a business process.

Custom telemetry signals for the application must be visible only on the partner\\'s telemetry.

Step 2: Select the environment in the Admin Center and place the connection string in the Application Insights Connection String field.

Connection strings

Connection strings define where to send telemetry data.

Find your connection string

Your connection string appears in the Overview section of your Application Insights resource.

Note: When you create a custom telemetry trace signal, you can specify the scope of the event. The telemetry scope determines if the event is only sent to the Azure Application Insights resource specified in the extension\\'s app.json or if the

event is also sent to the Azure Application Insights resource of the environment where the extension is installed.

Step 3: Select the Application Insights instance, select Logs and then inspect the Traces table.

Custom events in Log Analytics

The telemetry is available in the customEvents table on the Application Insights Logs tab or usage experience.

Create a custom telemetry event

To create a custom telemetry event, use the LogMessage method in AL code where you want to trigger the signal. The LogMessage method defines the information that is sent to Azure Application Insights for a specific operation or activity.

There are two variations of the LogMessage method. The difference is that one method uses a dictionary object to define custom dimensions for the trace signal. The other method includes two overloads so you don\\'t have to construct a

dictionary. You can use these methods in any object, trigger, or method.

Incorrect:

* Select the Sessions menu and then select Restart Environment.

Reference: https://learn.microsoft.com/en-us/azure/azure-monitor/app/api-custom-events-metrics
https://learn.microsoft.com/en-us/azure/azure-monitor/app/sdk-connection-string

QUESTION 4

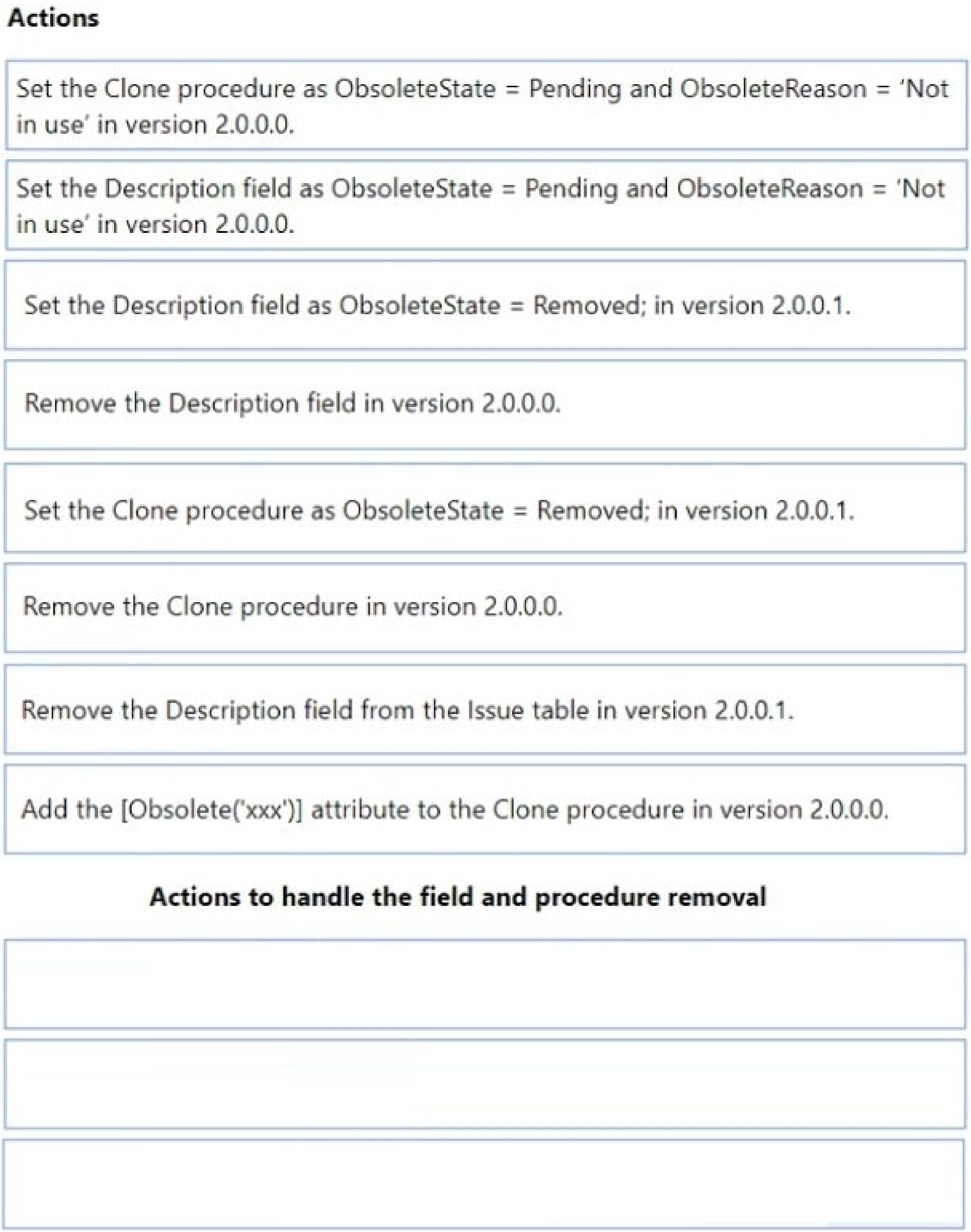
DRAG DROP

You need to handle the removal of the Description field and the Clone procedure without breaking other extensions.

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.

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

Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.

Set the Description field as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.

Set the Description field as ObsoleteState = Removed; in version 2.0.0.1.

Remove the Description field in version 2.0.0.0.

Set the Clone procedure as ObsoleteState = Removed; in version 2.0.0.1.

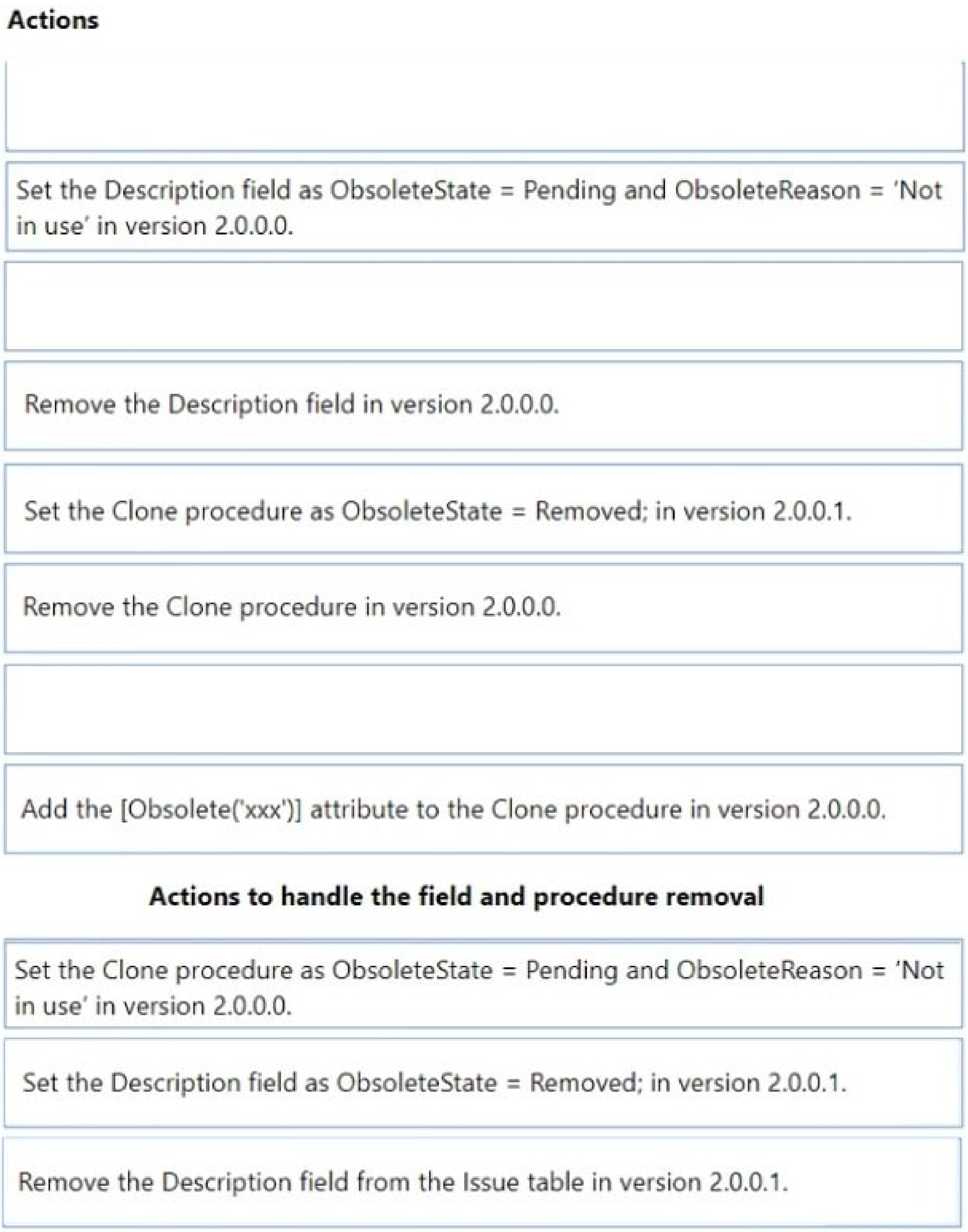
Remove the Clone procedure in version 2.0.0.0.

Remove the Description field from the Issue table in version 2.0.0.1.

Add the [Obsolete('xxx')] attribute to the Clone procedure in version 2.0.0.0.

Actions to handle the field and procedure removal

Correct Answer:



Actions

Set the Description field as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.

Remove the Description field in version 2.0.0.0.

Set the Clone procedure as ObsoleteState = Removed; in version 2.0.0.1.

Remove the Clone procedure in version 2.0.0.0.

Add the [Obsolete('xxx')] attribute to the Clone procedure in version 2.0.0.0.

Actions to handle the field and procedure removal

Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.

Set the Description field as ObsoleteState = Removed; in version 2.0.0.1.

Remove the Description field from the Issue table in version 2.0.0.1.

Step 1: Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = \\'Not in use\\' in version 2.0.0.0
ObsoleteState Property Marks whether the object will be deprecated.

Property Value

*

No

Not obsolete. This is the normal/default setting.

*

Pending

Will become obsolete in a future version.

Syntax

ObsoleteState = Pending;

Remarks

By coding against this property, you can use this property as a way to communicate through code to other developers which objects and elements will become obsolete over time and those which are already obsolete, enabling them to adjust

their application code accordingly.

Note

For all elements, except for Tables and Table fields, setting ObsoleteState = Removed will throw Compiler Error AL0169 because after an appropriate warning state of Pending, these elements can be deleted.

Note

When developing using Dynamics NAV Development Environment (C/SIDE), you do not get warnings or errors when you compile objects that reference table objects, fields, or keys that are marked as Pending or Removed. ObsoleteState

property is only detected by the AL compiler, which will return warnings for references to elements marked as Pending and errors for references to elements marked as Removed.

Step 2: Set the Description field as ObsoleteState = Removed in version 2.0.01

Step 3: Remove the Description field from the issue table in version 2.0.0.1

Note: ObsoleteReason Property

Specifies why the object has been marked as Pending in the ObsoleteState property.

Syntax

ObsoleteReason = \\'Not Needed\\';

Remarks

Use this property to inform developers about an object or element that will become obsolete in time or is already obsolete. Use the ObsoleteTag Property to specify additional information which can be valuable to other developers.

Scenario:

The Issue Management process must be split into two extensions:

-

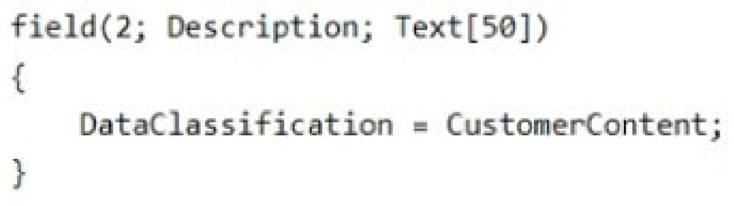
ISSUE BASE: main extension

-

ISSUE EXT: second extension with dependency from ISSUE BASE

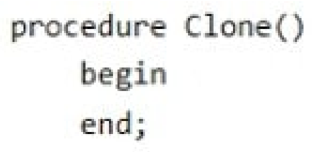
In the version 1.0.0.0 of the ISSUE BASE extension, you plan to create an Issue table that contains a global Decimal variable named IssueTotal.

In the version 1.0.0.0 of the ISSUE BASE extension, you plan to define a table named Issue Category with a Description field defined as follows:



```
field(2; Description; Text[50])
{
    DataClassification = CustomerContent;
}
```

The Issue table defined in ISSUE BASE extension contains a Clone procedure defined as follows:



```
procedure Clone()
    begin
    end;
```

In the ISSUE EXT extension, you create a tableextension object of the Issue table.

The tableextension object of the Issue table must access the IssueTotal: Decimal variable.

After weeks of usage, you discover that you must remove the Description field and the Clone procedure because they are no longer required.

Reference:

https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/properties/devenv-obsoletestate-property

https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/properties/devenv-obsoletereason-property

QUESTION 5

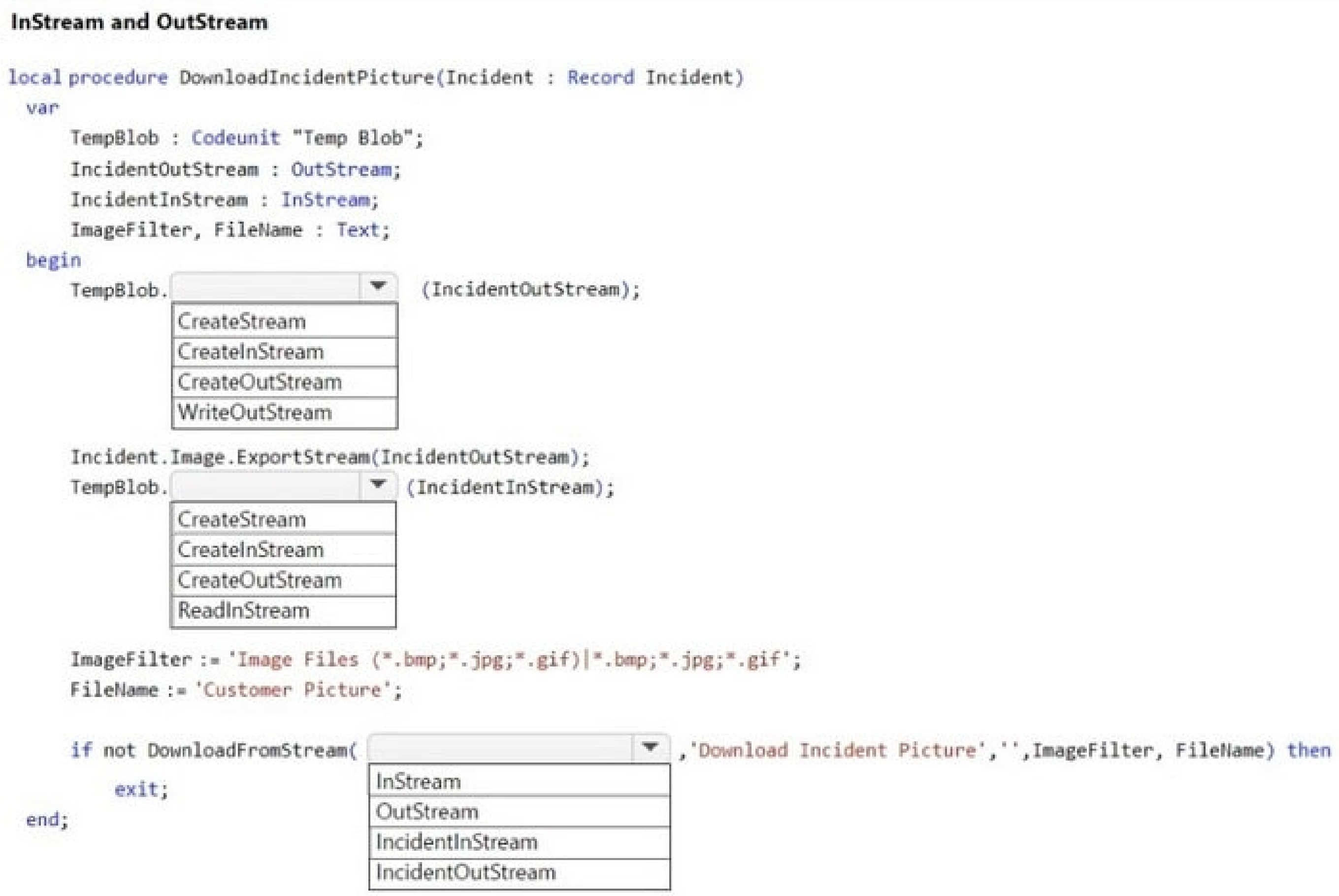
HOTSPOT

You need to download a stored picture from the Room Incident page.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



InStream and OutStream

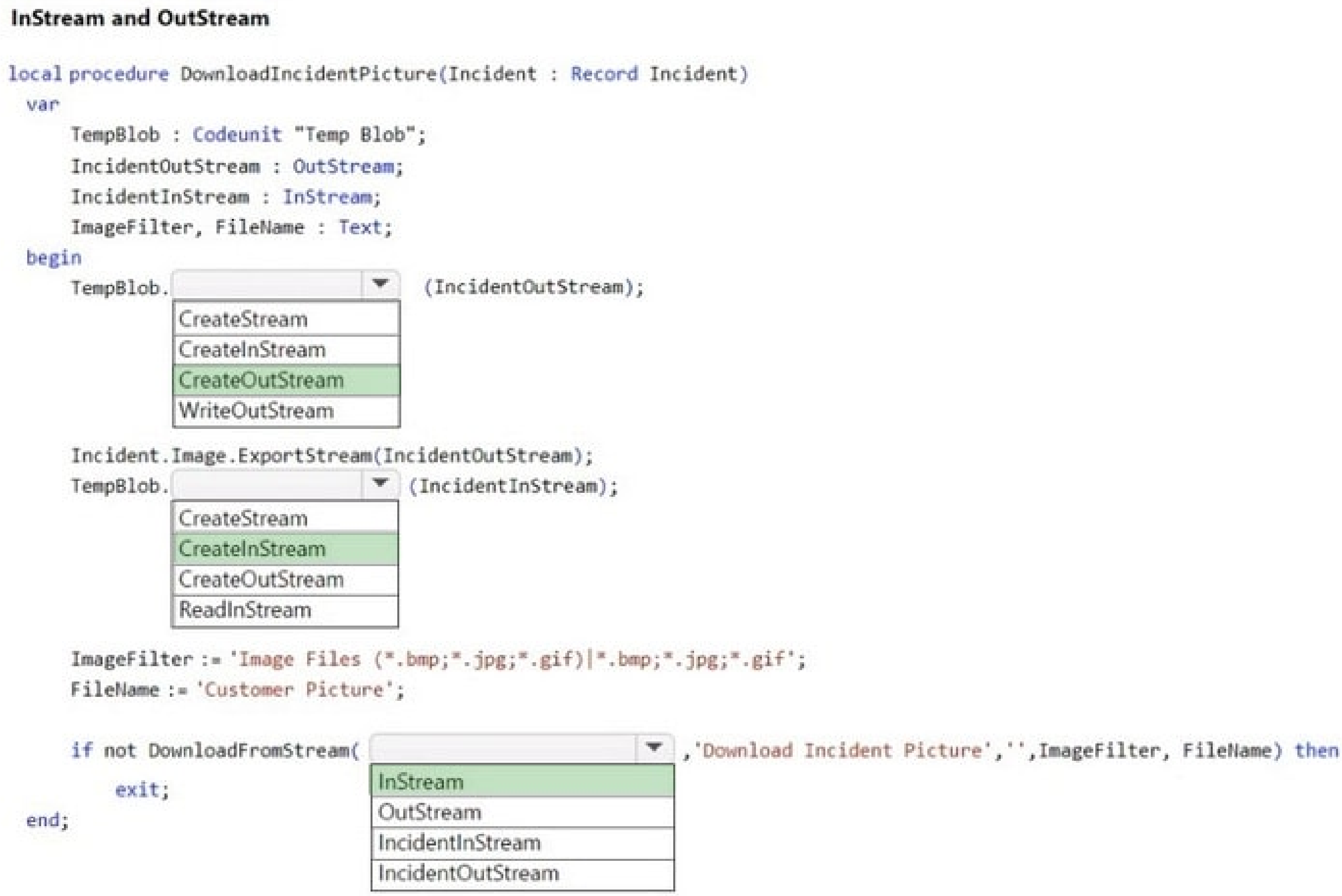
```
local procedure DownloadIncidentPicture(Incident : Record Incident)
  var
      TempBlob : Codeunit "Temp Blob";
      IncidentOutStream : OutStream;
      IncidentInStream : InStream;
      ImageFilter, FileName : Text;
  begin
      TempBlob.[          ▼]  (IncidentOutStream);

      Incident.Image.ExportStream(IncidentOutStream);
      TempBlob.[          ▼] (IncidentInStream);

      ImageFilter := 'Image Files (*.bmp;*.jpg;*.gif)|*.bmp;*.jpg;*.gif';
      FileName := 'Customer Picture';

      if not DownloadFromStream([          ▼],'Download Incident Picture','',ImageFilter, FileName) then
          exit;
  end;
```

Correct Answer:



InStream and OutStream

```
local procedure DownloadIncidentPicture(Incident : Record Incident)
  var
      TempBlob : Codeunit "Temp Blob";
      IncidentOutStream : OutStream;
      IncidentInStream : InStream;
      ImageFilter, FileName : Text;
  begin
      TempBlob.                (IncidentOutStream);

      Incident.Image.ExportStream(IncidentOutStream);
      TempBlob.                (IncidentInStream);

      ImageFilter := 'Image Files (*.bmp;*.jpg;*.gif)|*.bmp;*.jpg;*.gif';
      FileName := 'Customer Picture';

      if not DownloadFromStream(                ,'Download Incident Picture','',ImageFilter, FileName) then
          exit;
  end;
```

Box 1: CreateOutStream Box 2: CreateInStream Box 3: Instream Reference:

https://community.dynamics.com/blogs/post/?postid=19ce850a-6ff7-4b99-8b3c-65aa6411771b

Latest MB-820 Dumps MB-820 VCE Dumps MB-820 Exam Questions