

Exam Questions MB-820

Microsoft Dynamics 365 Business Central Developer

<https://www.2passeasy.com/dumps/MB-820/>



NEW QUESTION 1

HOTSPOT - (Topic 1)

You need to create the codeunit to read the POS terminal APIs.

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.

Create and access codeunits

```
codeunit 52102 "POS API Management"
{
    // Access = Internal
    // Access = Public
    // Permissions = TableData "POS Information" = rdx
    // Permissions = TableData "POS Information" = RMDX

    trigger OnRun()
    begin
        readAPI();
    end;

    procedure readAPI()
    procedure readAPI(PosNo: Integer)
    var procedure readAPI()

    begin
        // your code here
    end;
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
codeunit 52102 "POS API Management"
{
    Access = Public;
    Permissions = TableData "POS Information" = rwdx;
    trigger OnRun() begin readAPI();
    end;
    procedure readAPI() begin
    // Your code here to read from the POS API end;
    }
}
```

NEW QUESTION 2

- (Topic 1)

You need to define the tables used for the non-conformity entity. What should you use?

- A. document history table to introduce the non-conformity entities
- B. document table to introduce the non-conformity entities
- C. supplemental table to introduce the non-conformity lines

Answer: B

Explanation:

? Table Structure in Business Central: When creating entities such as "non- conformity" entities in Business Central, you use document tables to represent entities that have a header and line structure. In this case, the non-conformity entity has:

- ? Document Table Usage:
- ? Supplemental Table (Option C):
- ? Document History Table (Option A):
- Reference Documentation:
- ? Introduction to Business Central Tables

? Document Tables in Business Central

NEW QUESTION 3

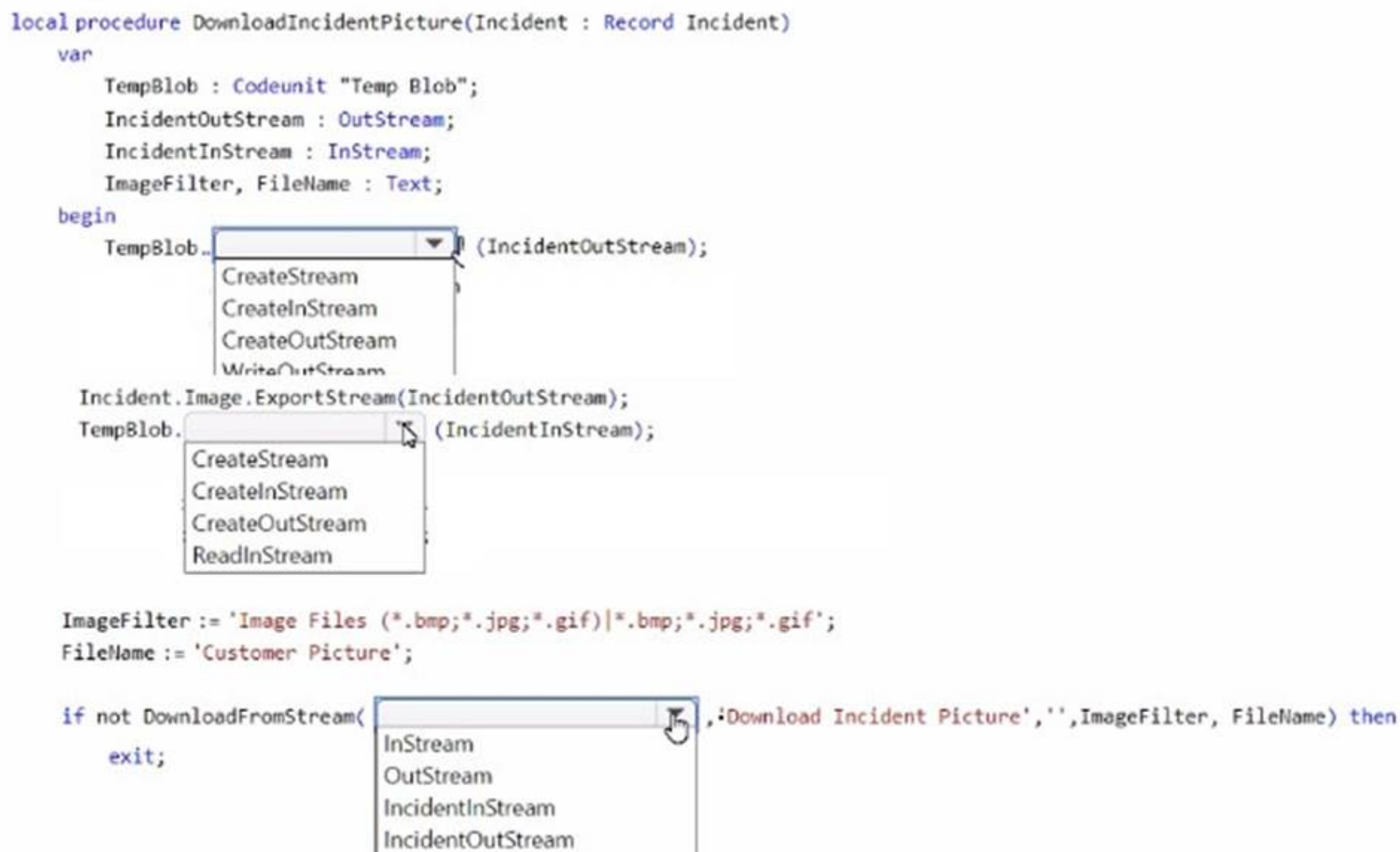
HOTSPOT - (Topic 1)

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.

InStream and OutStream



F

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

TempBlob: Codeunit "Temp Blob"; IncidentOutStream: OutStream; IncidentInStream: InStream; ImageFilter, FileName: Text; begin
 // Initialize the TempBlob and streams TempBlob.CreateOutStream(IncidentOutStream);
 Rec.Image.ExportStream(IncidentOutStream); // 'Rec' refers to the current Room Incident record
 TempBlob.CreateInStream(IncidentInStream);
 // Set the filters and filename for the image
 ImageFilter := 'Image Files (*.bmp,*.jpg,*.jpeg,*.gif)|*.bmp;*.jpg;*.jpeg;*.gif'; FileName := 'Customer Picture';
 // Prompt the user to download the image
 if not DownloadFromStream(IncidentInStream, ", 'Download Incident Picture', ", ImageFilter, FileName) then
 Error('Unable to download the image.');

NEW QUESTION 4

- (Topic 1)

You need to access the RoomsAPI API from the canvas app. What should you do?

- A. Use the default API configuration in Business Central
- B. Enable the APIs for the Business Central online environment.
- C. Open the Web Services page and publish the RoomsAPI page as a web service.
- D. Include in the extension a codeunit of type Install that publishes RoomsAPI.

Answer: C

Explanation:

? API Publishing for Extensions:
 ? Codeunit Type:
 ? Why Not Other Options?
 Reference Documentation:
 ? Publishing APIs in Extensions
 ? Codeunit Types in Business Central

NEW QUESTION 5

DRAG DROP - (Topic 2)

You need to implement the Issue Management module and expose the PostIssue method.

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

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

Actions

Steps to implement the Issue Management module

Create a local procedure named *PostIssueImpl* in the "Issue Management" codeunit.

Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssue method defined in the "Issue Management Impl." codeunit.

Create a codeunit named "Issue Management Impl." and set the value of Access property to Public.

Create a codeunit named "Issue Management" and set the value of Access property to Public.

Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssueImpl method.

Create a codeunit named "Issue Management Impl." and set the value of Access property to Internal.

Create a PostIssue procedure in the "Issue Management Impl." codeunit and add the needed code to the procedure.

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Here is the most logical sequence of actions for implementing the Issue Management module in Business Central and exposing the PostIssue method: Correct Order:

- ? Create a codeunit named "Issue Management Impl." and set the value of Access property to Internal.
 ? Create a local procedure named PostIssueImpl in the "Issue Management Impl." codeunit.
 ? Create a codeunit named "Issue Management" and set the value of Access property to Public.
 ? Create a PostIssue procedure in the "Issue Management" codeunit, and in it call the PostIssueImpl method.

NEW QUESTION 6

- (Topic 2)

You need to determine why the debugger does not start correctly. What is the cause of the problem?

- A. The "userId" parameter must have the GUID of the user specified, not the username.
 B. The "breakOnNext" parameter is not set to -WebServiceClient".
 C. The "userId" parameter is specified, and the next user session that is specified in the "breakOnNext" parameter is snapshot debugged.
 D. The "executionContext" parameter is not set to "Debug".

Answer: A

Explanation:

In Microsoft Dynamics 365 Business Central, when configuring snapshot debugging, it is crucial that the parameters in the configuration file are correctly set. From the options provided, the issue with the debugger not starting correctly is most likely due to an incorrect "userId" parameter.

? Option A is the cause of the problem. The "userId" parameter must be the GUID of the user, not the username. The snapshot debugger needs the exact GUID to attach to the right session for debugging.

? Option B is incorrect because "breakOnNext" set to "WebClient" is a valid setting.

This tells the debugger to break on the next client action in the web client, which is a typical scenario.

? Option C is not the cause of the problem. The "userId" parameter is meant to specify which user session to debug, and this works in conjunction with the "breakOnNext" parameter.

? Option D is incorrect as the "executionContext" parameter does not need to be set to "Debug" for snapshot debugging to work. "DebugAndProfile" is a valid value for the "executionContext" parameter, as it allows for debugging and collecting performance information.

Therefore, the reason why the debugger does not start correctly is due to Option A: The "userId" parameter must have the GUID of the user specified, not the username.

NEW QUESTION 7

HOTSPOT - (Topic 3)

You need to assist the development department with setting up Visual Studio Code to design the purchase department extension, meeting the quality department requirements.
How should you complete the app.json file? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Development environment configuration

applicationInsightsConnectionString

applicationInsightsConnectionString

applicationInsightsKey

target: Cloud

runtime: Cloud

Extension

OnPrem

": "InstrumentationKey=243d2dc8-60e2....",

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Development environment configuration

applicationInsightsConnectionString

applicationInsightsConnectionString

applicationInsightsKey

target: Cloud

runtime: Cloud

Extension

OnPrem

": "InstrumentationKey=243d2dc8-60e2....",

NEW QUESTION 8

HOTSPOT - (Topic 3)

You need to create the Fabrikam Vendor API for the accounting department.
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.

Using API pages

page 50101 "Fabrikam Vendor API"
page 50101 "Fabrikam Vendor API"
query 50101 "Fabrikam Vendor API"
pageextension 50101 "Fabrikam Vendor API"

{

PageType = API;
PageType = API;
QueryType = API;
PageType = List;

API';

```

Caption = 'Fabrikam Vendor API';
APIPublisher = 'fabrikam';
APIGroup = 'control';
APIVersion = 'v2.0';
EntityName = 'vendor';
EntitySetName = 'vendors';
SourceTable = Vendor;
Editable = false;

```

DataAccessIntent = ReadOnly;
DataAccessIntent = ReadWrite;
DataAccessIntent = ReadOnly;
InsertAllowed = false;
ModifyAllowed = false;

```

layout
{
    area(Content)
    {
        repeater(GroupName)
        {
            field(vendorNo; rec."No.")
            {
                Caption = 'vendorNo';
            }
            field(vendorName; rec.Name)
            {
                Caption = 'Name';
            }
        }
    }
}

```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Using API pages

page 50101 "Fabrikam Vendor API"

page 50101 "Fabrikam Vendor API"

query 50101 "Fabrikam Vendor API"

pageextension 50101 "Fabrikam Vendor API"

{

PageType = API;

PageType = API;

QueryType = API;

PageType = List;

API';

Caption = 'Fabrikam Vendor API';

APIPublisher = 'fabrikam';

APIGroup = 'control';

APIVersion = 'v2.0';

EntityName = 'vendor';

EntitySetName = 'vendors';

SourceTable = Vendor;

Editable = false;

DataAccessIntent = ReadOnly;

DataAccessIntent = ReadWrite;

DataAccessIntent = ReadOnly;

InsertAllowed = false;

ModifyAllowed = false;

layout

```
{
  area(Content)
  {
    repeater(GroupName)
    {
      field(vendorNo; rec."No.")
      {
        Caption = 'vendorNo';
      }
      field(vendorName; rec.Name)
      {
        Caption = 'Name';
      }
    }
  }
}
```


NEW QUESTION 9

HOTSPOT - (Topic 3)

You need to modify the API Customer list code to obtain the required result.

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

NOTE: Each correct selection is worth one point.

Code to create API Customer Lines		
Statements	Yes	No
Add two lines, one between lines 8 and 9 with orderBy = descending("Outstanding Quantity"); and another between lines 24 and 25 with Method = Sum;.	<input type="radio"/>	<input type="radio"/>
Add three lines: one between line 8 and 9 with orderBy = descending(qty);, another between line 22 and 23 with DataItemTableFilter = "Document Type" = filter('order');, and another between lines 24 and 25 with Method = Sum;.	<input type="radio"/>	<input type="radio"/>
Add three lines: one between lines 8 and 9 with orderBy = descending(qty);, another between lines 22 and 23 with DataItemTableFilter = "Document Type" = const('Order');, and another between lines 24 and 25 with Method = Sum;.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Code to create API Customer Lines		
Statements	Yes	No
Add two lines, one between lines 8 and 9 with orderBy = descending("Outstanding Quantity"); and another between lines 24 and 25 with Method = Sum;.	<input checked="" type="radio"/>	<input type="radio"/>
Add three lines: one between line 8 and 9 with orderBy = descending(qty);, another between line 22 and 23 with DataItemTableFilter = "Document Type" = filter('order');, and another between lines 24 and 25 with Method = Sum;.	<input type="radio"/>	<input type="radio"/>
Add three lines: one between lines 8 and 9 with orderBy = descending(qty);, another between lines 22 and 23 with DataItemTableFilter = "Document Type" = const('Order');, and another between lines 24 and 25 with Method = Sum;.	<input type="radio"/>	<input type="radio"/>

NEW QUESTION 10

- (Topic 3)

You need to edit the code to meet the formatting requirements on the Subcontract Document List for the control department.

Which formatting should you use?

- A.

```
field(Amount; Rec.Amount)
{
    Style = Strong;
    StyleExpr = Rec.Posted = true;
}
```
- B.

```
field(Posted;Rec.Posted)
{
    Style = None;
    StyleExpr = Rec.Amount > 0;
}
```

- C.
- ```
field(Amount; Rec.Amount)
{
 Style = None;
 StyleExpr = Rec.Posted = true;
}
```
- D.
- ```
field(Posted;Rec.Posted)
{
    Style = Strong;
    StyleExpr = Rec.Posted = true;
}
```
- E.
- ```
field(Amount; Rec.Amount)
{
 Style = Strong;
 StyleExpr = true;
}
```

Answer: C

#### NEW QUESTION 10

- (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 company plans to optimize its permission sets. The company has the following permission sets:

| Permission Set A                       | Permission Set B                      |
|----------------------------------------|---------------------------------------|
| Permissions =<br>tabledata Job = RIMD; | Permissions =<br>tabledata Job = IMD; |

You need to provide the following implementation for a third permission set:

- Create a new Permission Set C that is a composite of Permission Set A and Permission Set B.
- Assign Permission Set C to a user.

You need to ensure that the user has only read access to the Job table.

Solution: Set the Included Permission Sets property to Permission Set B and the Excluded PermissionSets property to Permission Set A.

Does the solution meet the goal?

- A. Yes  
 B. No

Answer: B

#### NEW QUESTION 13

DRAG DROP - (Topic 4)

You develop a table named Contoso Setup and a page.  
You plan to use No. Series to automatically assign a unique number to data entries. You set up No. Series on the Vendor Nos. field of the Contoso Setup table.  
You need to apply the No. Series Design Pattern to the trigger OnInsert().  
Which four code segments should you use to develop the solution? To answer, move the appropriate code segments from the list of code segments to the answer area and arrange them in the correct order.

Code Blocks

if "No." <> '' then begin

NoSeriesManagement.InitSeries(ContosoSetup."No. Series",  
xRec."Vendor Nos.", 0D, "No.", "No. Series");  
end;

ContosoSetup.SetRange(ContosoSetup."Vendor Nos.", xRec."No. Series");

if "No." = '' then begin

ContosoSetup.TestField("Vendor Nos.");

NoSeriesManagement.InitSeries(ContosoSetup."Vendor Nos.",  
xRec."No. Series", 0D, "No.", "No. Series");  
end;

ContosoSetup.Get();

Trigger design pattern

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
To properly apply the No. Series Design Pattern in the OnInsert() trigger, the correct sequence of actions should be as follows:  
? ContosoSetup.Get();  
? if "No." = '' then begin  
? NoSeriesManagement.InitSeries(ContosoSetup."Vendor Nos.", "No. Series", 0D, "No.", "No. Series");  
? ContosoSetup.TestField("Vendor Nos.");  
Correct Order for Code Segments:  
? ContosoSetup.Get();  
? if "No." = '' then begin  
? NoSeriesManagement.InitSeries(ContosoSetup."Vendor Nos.", "No. Series", 0D, "No.", "No. Series");  
? ContosoSetup.TestField("Vendor Nos.");

**NEW QUESTION 16**  
DRAG DROP - (Topic 4)  
You create the following Vendor table and Item table in Business Central.

Vendor:

| Vendor No. | Vendor Name |
|------------|-------------|
| V0001      | Contoso     |
| V0002      | Fabrikam    |
| V0003      | Relecloud   |

You require the following data set to assign vendors to items.

Item:

| Item No. | Item Description | Vendor No. |
|----------|------------------|------------|
| 1000     | Table            | V0001      |
| 1001     | Chair            | V0002      |
| 1002     | Shelf            | V0001      |
| 1003     | Sofa             | V0002      |
| 1004     | Bed              | V0004      |

You need to create a query to assign the vendors.

| Vendor No. | Vendor Name | Item No. | Item Description |
|------------|-------------|----------|------------------|
| V0001      | Contoso     | 1000     | Table            |
| V0001      | Contoso     | 1002     | Shelf            |
| V0002      | Fabrikam    | 1001     | Chair            |
| V0002      | Fabrikam    | 1003     | Sofa             |

Which three code blocks should you use to develop the solution? To answer, move the appropriate code blocks from the list of code blocks 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.

Code Blocks

Creating a query

SqlJoinType = LeftOuterJoin;

DataItemLink = "Vendor No." = Vendor.Vendor\_No;

dataitem(Item; Item)

SqlJoinType = RightOuterJoin;

DataItemLink = "Vendor No." = Item.Vendor\_No;

SqlJoinType = InnerJoin;

SqlJoinType = CrossJoin;

dataitem(Vendor; Vendor)



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To create a query that assigns vendors to items in Business Central, use the following code blocks in sequence:

? dataitem(Vendor; Vendor)

? dataitem(Item; Item)

? DataItemLink = "Vendor No." = Item.Vendor\_No;

Creating a query: In Business Central, a query object is used to combine data from multiple tables. You start by specifying each table as a data item. In this case, you would start with the Vendor table and then the Item table. After specifying the data items, you need to link them together. The DataItemLink property is used to establish a relationship between two data items based on a common field. Here, you are linking the Vendor and Item tables on the "Vendor No." field, which is present in both tables. This link ensures that the query will return a dataset that includes related records from both tables based on the vendor number. The order of the code blocks ensures the logical flow and relationships between tables as required for the query.

## NEW QUESTION 17

- (Topic 4)

You plan to call a web service by using the data type HttpClient from a Business Central AL extension

You must provide the following implementation for the web service call:

- The web service must authenticate the client with a certificate.
- The certificate must include a password.
- The password must be hidden when you debug the code

You need to include the certificate in the web service call. Which instruction should you use?



- A. HttpClient.AddCertificate(certifcate: Text, Password: Text);
- B. HttpClient.AddCertificate(Certifkate: SecretText, Password: SecretText);
- C. HttpClient.Addeertificate(Certifcate: Blob, Password: secretText);
- D. HttpClient.AddCertificate(Password: SecreTiext);

**Answer: B**

**Explanation:**

ou plan to call a web service using HttpClient from a Business Central AL extension. The web service must authenticate using a certificate that includes a password, and the password must be hidden during debugging.

Options Explanation:

? The question asks for the correct implementation where the certificate and password are provided and where the password is hidden when debugging.

? SecretText is a special data type in Business Central that hides sensitive data (like passwords) during debugging.

**NEW QUESTION 22**

- (Topic 4)

You have an XMLport that exports items from a database to an XML file. You need to change the export format from XML to CSV.

What should you do?

- A. Change the Direction property to Both
- B. Change the FormatEvaluate property to Legacy.
- C. Change the XmlVeisionNo property to 1.1.
- D. Fill the FileName property with the Items.csv value.
- E. Change the Format property to VariableText.

**Answer: E**

**Explanation:**

XMLport OverviewIn Microsoft Dynamics 365 Business Central, XMLports are used for importing and exporting data in XML, CSV, or other text formats. By default, XMLports are designed to work with XML data, but they can also handle delimited text formats like CSV (Comma-Separated Values).

Requirement ClarificationThe requirement is to change the export format from XML to CSV. CSV is a text-based format, not an XML format. To accommodate this, you need to change how the XMLport handles data during export.

Properties of XMLport

? The Format property in XMLports controls whether the output format is XML or a text-based format such as CSV.

? The VariableText option of the Format property specifies that the data should be exported in a variable text format, like CSV.

? The XMLports default to an XML format, but by setting the Format property to VariableText, you can change the export to CSV format or another text-delimited format.

Explanation of Correct Answer (E)To switch from XML to CSV export:

? You need to change the Format property of the XMLport to VariableText.

? The VariableText option allows for the export of data in a non-XML format, which is precisely what CSV represents (a comma-delimited text file).

Why Other Options Are Incorrect

? Option A (Change the Direction property to Both):The Direction property controls whether the XMLport is used for Import, Export, or Both (import and export), but it does not affect the file format (XML vs. CSV). Hence, this is irrelevant to the file format change.

? Option B (Change the FormatEvaluate property to Legacy):The FormatEvaluate property is not related to changing the export format. It deals with the evaluation of the data format during the processing but doesn't change the format type (XML or CSV).

? Option C (Change the XmlVeisionNo property to 1.1):The XmlVersionNo property defines the XML version used for the export (such as 1.0 or 1.1). This only applies to XML exports and does not change the format to CSV.

? Option D (Fill the FileName property with Items.csv):While this option would specify the name of the file being exported (i.e., "Items.csv"), it doesn't control the format of the export itself. The actual format change is controlled by the Format property.

Developer Reference from Microsoft DocumentationAccording to the official Microsoft documentation for XMLports in Business Central, the Format property is critical for determining how data is structured for export. To change the file format from XML to CSV, developers need to set the Format property to VariableText.

This allows for export in a text-delimited format, which is ideal for CSV.

? XMLport Properties - Format Property

? How to: Export Data in Text Format Using XMLports

**NEW QUESTION 24**

- (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.

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You need to provide the following implementation for a third permission set:

| Permission Set A                       | Permission Set B                      |
|----------------------------------------|---------------------------------------|
| Permissions =<br>tabledata Job = RIMD; | Permissions =<br>tabledata Job = IMD; |

- Create a new Permission Set C that is a composite of Permission Set A and Permission Set B.
- Assign Permission Set C to a user.

You need to ensure that the user has only read access to the Job table.

Solution: Set the IncludedPermissionSets property to Permission Set A and the Excluded PermissionSets property to Permission SetB.

Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 27**

DRAG DROP - (Topic 4)

You create a codeunit that works with a table named Boxes. You plan to filter the records and then modify them. You get an error that you do not have permission to work with the Boxes table. You need to assign the Indirect permissions for the Boxes table to the codeunit. Which four code blocks should you use in sequence to assign the correct permission? To answer, move the appropriate code blocks from the list of code blocks to the answer area and arrange them in the correct order.

Code blocks

RIM

"Boxes" =

Table

Permissions =

"Boxes"

RIM

rm

TableData

Assigning permissions

>

<

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To assign the indirect permissions for the Boxes table to the codeunit, use the following code blocks in sequence:

- ? TableData
- ? "Boxes" =
- ? Permissions
- ? RIM

Assigning permissions:In Business Central, to assign permissions within a codeunit, you need to specify the table that the permissions apply to, followed by the type of permission. The sequence starts by indicating that we are defining table data permissions (TableData). Then, we specify the table in question ("Boxes" =). After that, we state that we are setting permissions (Permissions). Finally, we assign the RIM permissions, which stands for Read, Insert, and Modify permissions. The Indirect permission allows the codeunit to read, insert, and modify records in the Boxes table indirectly, meaning these operations can be performed by the codeunit when it is called by a user who has direct permissions for these operations.

NEW QUESTION 32

- (Topic 4)

You create a page with the PageType property set to RoleCenter. You navigate through the different sections of the page. You need to add functionalities to the page. What should you do?

- A. Define actions in the area (reporting) before actions in the area (creation).
- B. Define the navigation menu in the area(processing).
- C. Define the navigation bar in the area (embedding).
- D. Add a source table on the Role Center page.

Answer: C

Explanation:

When creating a page with the PageType property set to RoleCenter in Microsoft Dynamics 365 Business Central, it's essential to organize the functionalities and actions in a manner that enhances user experience and efficiency. The best practice is to define actions in the area (reporting) before actions in the area (creation) (A). This organization allows users to access reporting and analytical features quickly, which are commonly used in Role Centers for overview and insight purposes, before moving on to creation or transactional tasks. This logical flow aligns with typical user workflows, where analysis and review precede the creation of new records or transactions. The other options, such as defining the navigation menu in the area(processing) (B), defining the navigation bar in the area (embedding) (C), or adding a source table on the Role Center page (D), do not directly address the need to add functionalities to the Role Center page in a user-friendly manner.

NEW QUESTION 33

HOTSPOT - (Topic 4)

You are creating a new Business Central report. You plan to use triggers and functions to dynamically create a dataset and control the report behavior. You must provide the following implementation.

- Run when the report is loaded.
- Run when the data item is iterated for the last time.
- Skip the rest of the report.

You need to select the triggers and functions for the report. Which triggers and functions should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Report trigger and function

| Requirement                                                                                                       | Trigger/function                                             |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Runs when the report is loaded.                                                                                   | OnPreReport<br>OnInitReport<br>OnPostReport                  |
| Runs when the data item has been iterated for the last time.<br>Use this function to skip the rest of the report. | OnPostDataItem<br>OnPreDataItem<br>OnAfterGetRecord          |
| Use this function to skip the rest of the report.                                                                 | CurrReport.Quit()<br>CurrReport.Break()<br>CurrReport.Skip() |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? Run when the report is loaded: OnInitReport  
? Run when the data item is iterated for the last time: OnPostDataItem  
? Skip the rest of the report: CurrReport.Skip()  
Triggers and Functions:  
? Run when the report is loaded.The correct trigger for running a function when the report is loaded is OnInitReport.  
? Run when the data item is iterated for the last time.The correct trigger here is OnPostDataItem.  
? Skip the rest of the report.The correct function here is CurrReport.Skip().

NEW QUESTION 37

HOTSPOT - (Topic 4)  
You are developing a codeunit for a company that uses Business Central. The code unit must be run only during installation of an extension package. You need to create the codeunit.  
How should you complete the code' To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Codeunit trigger

codeunit 50000 Test

{

Subtype=

trigger

begin

end;

}

Install

Normal

Test

Upgrade

OnBeforeTestRun

OnInstallAppPerCompany

OnCheckPreconditionsPerCompany

OnCheckPreconditionsPerDatabase

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Subtype: Install  
Trigger: OnInstallAppPerCompany  
You are developing a codeunit that should only run during the installation of an extension package.  
Options:

? Subtype: The correct subtype is Install, as it indicates that the codeunit runs only when the extension is being installed.  
 ? Trigger: The correct trigger for running during installation is OnInstallAppPerCompany, which handles code execution when the app is installed for a specific company.

#### NEW QUESTION 41

HOTSPOT - (Topic 4)

You are writing a procedure to block all inventory items with numbers that do not start with the letter S.

You need to complete the procedure.

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

NOTE: Each correct selection is worth one point.

#### Procedure

Item.  ;

Item.  (Type, Item.Type::Inventory);

Item.  ("No.", '<>%1', 'S\*');

if not Item.  then

Item.  (Blocked, true);

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

```
procedure BlockNonSItems() var
Item: Record Item; begin
// Reset the Item record to clear any previous filters. Item.Reset();
// Set the filter to exclude items that start with 'S'. Item.SetFilter("No.", '<>%1*', 'S');
// Find each item that matches the filter. if Item.FindSet() then
repeat
// Set the Blocked field to true to block the item. Item.Blocked := true;
// Save the changes to the Item record. Item.Modify();
until Item.Next() = 0; // Continue until no more items are found.
end;
```

#### NEW QUESTION 45

- (Topic 4)

A company has a test application.

A user observes the following error messages when running the test:

- "Unhandled UI: Message"
- "Unhandled UI: Confirm"

You need to resolve the errors. Which action should you take?

- A. Create a separate test runner codeunit that has Message Handler and Confirm Handler methods.
- B. Create the Message Handler and Confirm Handler methods in the test runner codeunit.
- C. Create a separate test codeunit that has Message Handler and Confirm Handler methods.
- D. Create the Message Handler and Confirm Handler methods in the test codeunit.



**Answer:** B

**Explanation:**

? Message Handler and Confirm Handler methods are used to intercept and handle these UI prompts during automated testing.

? These methods should be added to the test runner codeunit, which is responsible for running the tests and handling these system-level interactions.

**NEW QUESTION 48**

- (Topic 4)

A company plans to change a field on the Resource Card page in a Base Application. You need to hide the field "Unit Price" from the Resource Card page. Which code snippet should you use?

A.

```
addlast ("Unit Price")
{
 visible = false;
}
```

B.

```
modify("Unit Price")
{
 Enabled = false;
}
```

C.

```
addlast ("Unit Price")
{
 Enabled = false;
}
```

D.

```
modify("Unit Price")
{
 visible = false;
}
```

**Answer:** D

**Explanation:**

To hide the field "Unit Price" from the Resource Card page in Microsoft Dynamics 365 Business Central, you need to modify the visibility property of the field using the modify keyword, which allows you to change the properties of an existing field on a page.

? modify("Unit Price") is the correct way to target an existing field on a page (like the Resource Card page).

? The line Visible = false; makes the field invisible on the page.

Here's a breakdown of why each option is right or wrong:

? Option A:

? Option B:

? Option C:

? Option D:

Correct Code Snippet:

```
modify("Unit Price")
{
 Visible = false;
}
```

This hides the "Unit Price" field from the Resource Card page.

**NEW QUESTION 52**



HOTSPOT - (Topic 4)

You need to use a query data type to retrieve required data.

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

NOTE: Each correct selection is worth one point.

```

if QueryA.  () then begin
 TopNumberOfRows
 Open
 Read
 Close
while QueryA.  () do begin
 TopNumberOfRows
 Open
 Read
 Close
end;
end;

```

- ? While QueryA...: Read

```
01 procedure RunTopCustomerOverview()
02 var
03 TopCustomerOverview: Query "Top Customer Overview";
04 Text000Msg: Label 'Customer name = %1, Sales = %2', Comment = '%1 specifies customer name, %2 specifies customer sales';
05 begin
06 TopCustomerOverview.SetFilter(Sales_LCY, '>10000');
07 while TopCustomerOverview.Read() do
08 Message(Text000Msg, TopCustomerOverview.Name, TopCustomerOverview.Sales_LCY);
09 TopCustomerOverview.Close();
10 end;
```

| Statement                                                                                                 | Yes                   | No                    |
|-----------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Enclose line 08 into BEGIN..END                                                                           | <input type="radio"/> | <input type="radio"/> |
| Add TopCustomerOverview.Open(); before<br>TopCustomerOverview.SetFilter(Sales_LCY, '>10000'); in line 06. | <input type="radio"/> | <input type="radio"/> |
| Add TopCustomerOverview.Open(); after<br>TopCustomerOverview.SetFilter(Sales_LCY, '>10000'); in line 06.  | <input type="radio"/> | <input type="radio"/> |
| Replace SetFilter in line 06 with SetRange.                                                               | <input type="radio"/> | <input type="radio"/> |

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#### NEW QUESTION 58

- (Topic 4)

You need to allow debugging in an extension to view the source code. In which file should you specify the value of the allowDebugging property?

- A. settings.json
- B. rad.json
- C. app.json
- D. launchjson

**Answer:** C

#### Explanation:

To enable debugging in an extension and allow the source code to be viewed, the allowDebugging property should be specified in the app.json file (C). The app.json file serves as the manifest for an AL project in Microsoft Dynamics 365 Business Central, defining the project's properties, dependencies, and features. By setting the allowDebugging property to true in this file, developers enable the debugging of the extension's source code, facilitating troubleshooting and development. This is essential for analyzing the behavior of the extension and identifying issues during the development process.

#### NEW QUESTION 63

HOTSPOT - (Topic 4)

A company uses Azure Application Insights for Business Central online in its production environment.

A user observes that some job queues go into the failed state and require manual intervention.

You need to analyze job queue lifecycle telemetry.

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.

#### Kusto Query Language (KQL) job queue analysis code segment



```
traces
| take 100
| where customDimensions.eventId == 'YOUREVENTID'
| project timestamp
, jobQueueObjectId = customDimensions.alJobQueueObjectId
, jobQueueObjectType = customDimensions.alJobQueueObjectType
, jobQueueExecutionNumberOfAttemptsToRun
customDimensions.alJobQueueNumberOfAttemptsToRun
```

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

KQL Code Segment:

? First command (traces):

? Command for selecting fields:

#### NEW QUESTION 67

HOTSPOT - (Topic 4)

A company uses a Vendor-List report from the Base Application.

The company has new requirements that cannot be met by extending the Vendor - List report.

You create a new report named My Customized Vendor - List.

You need to replace the Vendor - List report with My Customized Vendor - List.

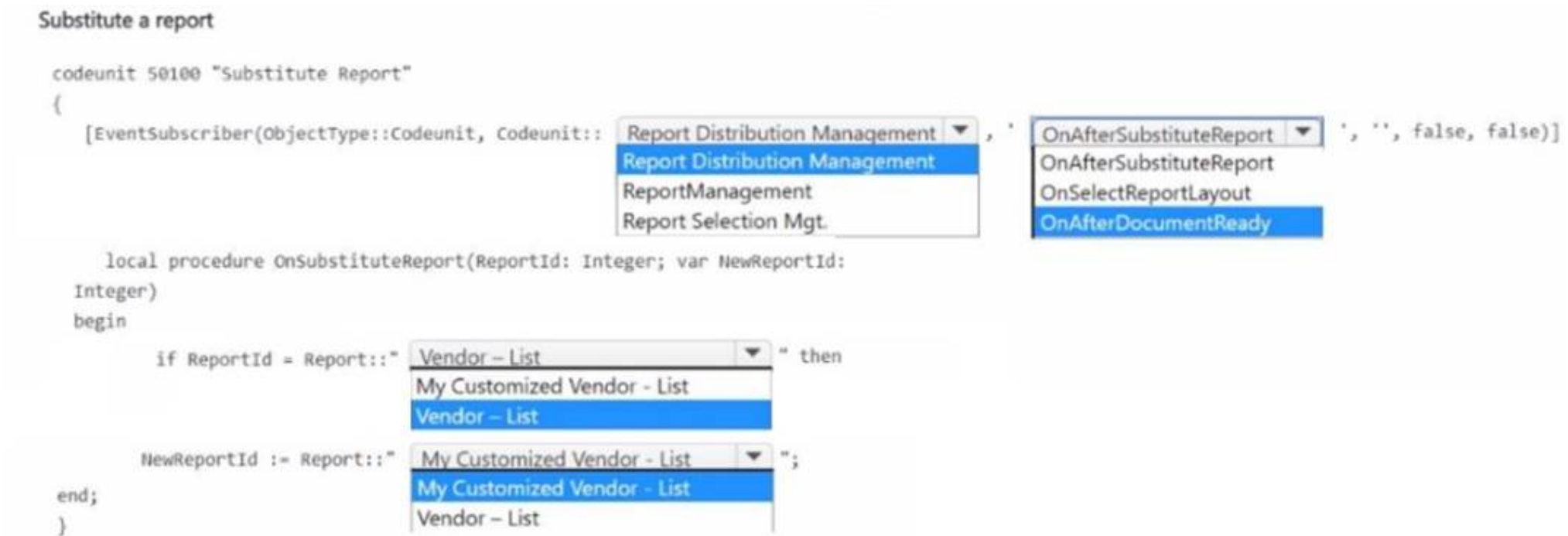
How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE Each correct selection is worth one point.

Substitute a report

```
codeunit 50100 "Substitute Report"
{
 [EventSubscriber(ObjectType::Codeunit, Codeunit::
 Report Distribution Management , '
 OnAfterSubstituteReport ' , '', false, false)]

 local procedure OnSubstituteReport(ReportId: Integer; var NewReportId:
 Integer)
 begin
 if ReportId = Report::"Vendor - List" then
 NewReportId := Report::"My Customized Vendor - List";
 end;
}
```



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

he code in the image shows an event subscription to substitute reports in Business Central.

Code Explanation:

? EventSubscriber subscribes to an event in Business Central that allows you to replace or substitute the report at runtime.

? The event here is associated with Report Distribution Management.

? The local procedure OnSubstituteReport checks if the report being requested is Vendor - List. If it is, it replaces it with My Customized Vendor - List.

Completion:

? EventSubscriber ObjectType: The correct object type in this case is Report Distribution Management.

? Event Name: The appropriate event to substitute a report is OnAfterSubstituteReport.

NEW QUESTION 68

DRAG DROP - (Topic 4)

You are developing a test application to test the posting process of a sales order. You must provide the following implementation:

- Specify the value of post options (dialog: Ship, Invoice, Ship & Invoice) as Invoice.
- Perform calculations and values checking.

You need to complete the development of the test codeunit.

Which methods should you use? To answer, move the appropriate methods to the correct implementation. You may use each method 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.

| Methods | Test codeunit implementations | Implementation                                    | Method |
|---------|-------------------------------|---------------------------------------------------|--------|
| Handler |                               | Specify the value of the post options as Invoice. |        |
| Normal  |                               | Perform calculations and values checking.         |        |
| Test    |                               |                                                   |        |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Specify the value of the post options as Invoice:

? Test

Perform calculations and values checking:

? Handler

In the context of Microsoft Dynamics 365 Business Central testing, the 'Test' attribute is used to mark a method as a test method. This is where you would specify the action or the behavior you're testing – in this case, setting the post options as Invoice. It's within these test methods that you would simulate setting the posting option to "Invoice" programmatically.

For performing calculations and checking values, you would use 'Handler' methods to handle specific business events or conditions that occur within the system, such as before or after posting a document. These handlers can ensure that calculations are done correctly and that all validation checks pass before the document is posted.

The 'Normal' method would be a standard method that could be involved in the posting process, ensuring that all business logic is correctly applied and that the calculations and value checks are as expected.

In a test codeunit, you would typically have test methods that call these handler and normal methods to verify the business logic in various scenarios, such as posting with different options or checking the results of calculations under different conditions.

NEW QUESTION 70

HOTSPOT - (Topic 4)

You have a per tenant extension that contains the following code.



```
10 interface "IDiscount Calculation"
11 {
12 procedure GetLine(var Line: Variant)
13 procedure GetDiscount() : Decimal
14 }
15 codeunit 50100 "Discount Mgmt." implements "IDiscount Calculation"
16 {
17 procedure GetLine(var VariantLine: Variant)
18 begin
19 end;
20 procedure GetDiscount() DiscountAmount : Decimal
21 begin
22 end;
23 procedure DiscountIsValid(DocumentDate: Date): Boolean
24 begin
25 end;
26 }
```

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

NOTE: Each correct selection is worth one point.

#### Interface implementation

| Statement                                                                                                  | Yes                   | No                    |
|------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Codeunit "Discount Mgmt." compiles successfully.                                                           | <input type="radio"/> | <input type="radio"/> |
| VariantLine in line 17 must be changed to Line and the DiscountAmount removed for the codeunit to compile. | <input type="radio"/> | <input type="radio"/> |
| The DiscountIsValid method must be defined in the interface for the code to compile.                       | <input type="radio"/> | <input type="radio"/> |

- A. Mastered  
B. Not Mastered

Answer: A

#### Explanation:

? Codeunit "Discount Mgmt." compiles successfully. = NO

? VariantLine in line 17 must be changed to Line and the DiscountAmount removed for the codeunit to compile. = NO

? The DiscountIsValid method must be defined in the interface for the code to compile. = YES

The codeunit "Discount Mgmt." will not compile successfully as is because the DiscountIsValid method is not defined in the "IDiscount Calculation" interface, yet it is being declared in the codeunit which implements this interface. AL requires that all procedures in the codeunit that implements an interface must be defined in the interface itself.

The VariantLine in line 17 does not need to be changed to Line, nor does the DiscountAmount need to be removed for the codeunit to compile. These are valid declarations in AL and they are correctly implemented in the codeunit. The Variant data type in AL is used to handle various data types and DiscountAmount is a valid return type for a procedure.

For the code to compile successfully, the DiscountIsValid method must be included in the interface because AL enforces that any codeunit implementing an interface must implement all the methods defined in that interface.

#### NEW QUESTION 72

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