



**Microsoft**

## **Exam Questions MB-820**

Microsoft Dynamics 365 Business Central Developer

NEW QUESTION 1

- (Topic 1)

You need to define the data types for the fields of the N on-conformity table.

Which two data types should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Integer for the N on-conformity Number field
- B. Date Time for the Non-Conformity Date field
- C. Char for the Non-Conformity Number field
- D. Date for the Non-Conformity Date field
- E. Code for the Non-Conformity Number field

Answer: CE

Explanation:

In Business Central, fields in tables are assigned specific data types that determine the kind of data they can store. For the Non-conformity table mentioned in the case study, the following data types should be used:

? Date for the Non-Conformity Date field: This is because the Non-conformity Date field is required to store only the date when the non-conformity was recorded. The Date data type is appropriate for storing dates without times.

? Code for the Non-Conformity Number field: The Non-conformity Number field is described to use alphanumeric values with a format that includes "NC" and the year, like "NC24-001". In Business Central, the Code data type is used for fields that store alphanumeric keys. It is a text field with a limited length, which makes it suitable for number series that contain letters and numbers.

Other options are not suitable:

? A. Integer for the Non-conformity Number field: This would not be appropriate because the Non-conformity Number includes alphanumeric characters and not just integers.

? B. DateTime for the Non-Conformity Date field: This is not correct because there is no requirement to store the time alongside the date.

? C. Char for the Non-Conformity Number field: Char data type is not typically used in Business Central for number series or identifiers. The Code data type is preferred for this purpose.

NEW QUESTION 2

HOTSPOT - (Topic 1)

You need to define the properties of the comments field of the Non-conformity 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.

ExtendedDataType property

```
group(commentsGroup)
{
    field("comments"; NonConformityComments)
    {
        ApplicationArea = All;
        MultiLine = True;
        MultiLine = False;
        NotBlank= True;
        NotBlank= False;
        DataType
        ExtendDataType
        ExtendedDatatype
        RichDataType
    }
}

var
    NonConformityComments: Text;
```

MultiLine = True;  
MultiLine = False;  
NotBlank= True;  
NotBlank= False;

DataType  
ExtendDataType  
ExtendedDatatype  
RichDataType

LongContent  
None  
RichContent  
TextRichContent

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

## ExtendedDataType property

```
group(commentsGroup)
{
    field("comments"; NonConformityComments)
    {
        ApplicationArea = All;

        MultiLine = True;
        MultiLine = False;
        NotBlank = True;
        NotBlank = False;

        DataType
        ExtendDataType
        ExtendedDatatype
        RichDataType

        LongContent
        None
        RichContent
        TextRichContent
    }
}

var
    NonConformityComments: Text;
```

### NEW QUESTION 3

HOTSPOT - (Topic 1)

You need to select the appropriate page types to solve the reporting requirements.

Which page types should you use? To answer, select the appropriate options in the answer area.

NOTE; Each correct selection is worth one point.

#### Page type requirements

##### Requirement

Display relevant insights in the Housekeeping Role Center.

Display the additional information for the Room table.

Configure the first installation.

##### Page types

CardPart
HeadLinePart
Worksheet
CardPart
FactBox
HeadLinePart
HeadLinePart
NavigatePage
StandardDialog

- A. Mastered  
 B. Not Mastered

**Answer:** A

#### Explanation:

For the requirements provided, the appropriate page types should be selected as follows:

? Display relevant insights in the Housekeeping Role Center: HeadlinePart

? Display the additional information for the Room table: FactBox

? Configure the first installation: StandardDialog

Comprehensive Detailed ExplanationIn the context of Microsoft Dynamics 365 Business Central, page types are crucial for determining how information is presented to the user.

? HeadlinePart: This page type is designed to display key data and insights in a concise and visually appealing manner, often used in Role Centers to highlight important information. It is suitable for the Housekeeping Role Center to display relevant insights.

? FactBox: This page type is used to display supplementary information related to a selected record in the main part of the page. It's often used to show additional details about a record in a list, card, or document page. In this scenario, it is suitable for showing additional information about a specific Room when viewing the Room table.

? StandardDialog: This is a page type that provides a modal dialog for user interaction, commonly used for setup wizards, confirmations, and input forms that require user action before proceeding. This is appropriate for configuring the first installation, where a step-by-step guided interaction is necessary.

NEW QUESTION 4

HOTSPOT - (Topic 1)

You need to define the properties for the Receipt No. field in the Non-conformity table when storing the information to the purchasing 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.

TableRelation property

```
field(3;"Receipt No."; Code[20])
{
    DataClassification = CustomerContent;
    TableRelation = "Purch. Rcpt. Header"."No." where (
    = field("Vendor No.");
    = const
    = filter
    = field
    = lookup
    "Buy-from Vendor No."
    "Buy-from Vendor Name"
    "Buy-from Vendor No."
    "Sell-from Vendor No."
    "Vendor No."
    =
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
field(3; "Receipt No."; Code[20])
{
    DataClassification = CustomerContent;
    TableRelation = "Purch. Rcpt. Header"."No." where ("Buy-from Vendor No." = field("Vendor No."));
}
```

? Field Declaration:  
? DataClassification:  
? TableRelation Property:  
? Relation Filter:  
? References to AL Language:  
Reference Documentation:  
? AL TableRelation Property  
? AL Field Syntax

NEW QUESTION 5

HOTSPOT - (Topic 1)

You need to provide the endpoint to the PMS provider for the RoomsAPI page.  
How should you complete the API page endpoint? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

API page endpoint

```
https://api.businesscentral.dynamics.com/v2.0/myTenant/myEnvironment/api/
```

rooms  
alpine  
integration  
rooms  
v2.0

v2.0 /  
alpine  
integration  
rooms  
v2.0

alpine /companies(<companyid>)/  
alpine  
integration  
rooms  
v2.0

getrooms  
alpine  
getrooms  
room  
rooms

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

<https://api.businesscentral.dynamics.com/v2.6/myTenant/myEnvironment/api/alpine/integration/rooms>

**NEW QUESTION 6**

HOTSPOT - (Topic 2)

You need to parse the API JSON response and retrieve each order no. in the response body.

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.

**API JSON response**

```
procedure ReadJsonData(Data: text)
var
    JToken: JsonToken;
    JObject: JsonObject;
    JArray: JsonArray;

    SubcontractingOrderNo: Code[20];
begin
    if Data = '' then
        exit;
    [ JToken.ReadFrom(Data) ];
    [ JObject.ReadFrom(Data) ];
    [ JObject.Get(Data) ];
    [ JToken.Read(Data) ];
    [ JToken.SelectToken('results'); ];
    [ JObject.SelectToken('results', JToken); ];
    [ JToken.SelectToken('results'); ];
    [ JToken := JObject.SelectToken('results'); ];
    JArray := JToken.AsArray();
    foreach JToken in JArray do begin
        SubcontractingOrderNo := GetValueAsText(JToken,
            'order_no');
    end;
end;
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Code Segment Analysis:

? The AL code is trying to read JSON data from a response and process it to extract subcontracting order numbers. It uses JsonToken, JsonObject, and JsonArray to work with the JSON data.

? JToken.ReadFrom(Data): This line reads the incoming JSON data and converts it into a token. It processes the full JSON body so you can start working with it.

? JToken.SelectToken("results"): This line selects the part of the JSON containing the results array. The key "results" is where the JSON response data is expected to be found.

? JsonArray: Once the results are extracted, they are stored as an array, and each element in the array (which is expected to contain subcontracting order numbers) is processed.

? SubcontractingOrderNo: The extracted order\_no from the JSON is stored in this variable.

Breakdown of Steps:

- ? JToken.ReadFrom(Data): This step reads the entire JSON response.
- ? JToken.SelectToken("results"): This step selects the results array from the JSON response.
- ? JArray.AsArray(): This step converts the selected results token into a JSON array that can be iterated over.
- ? GetValueAsText(JToken, 'order\_no'): This step retrieves the order\_no from each element in the array.

Correct Code Completion:

- ? JToken.ReadFrom(Data): This is the correct method to read the incoming JSON response, as it will convert the string into a JsonToken that can be further processed.
- ? JToken.SelectToken("results"): This is the correct method to extract the results array from the token. This method looks for the key "results" in the JSON and retrieves the relevant array.

Final Code Segment:

```
al
Copy code
procedure ReadJsonData(Data: text) var
JToken: JsonToken; JObject: JsonObject; JArray: JsonArray;
SubcontractingOrderNo: Code[20]; begin
if Data = '' then exit;
JToken := JToken.ReadFrom(Data); // Step 1: Read the JSON response data. JToken := JToken.SelectToken('results'); // Step 2: Select the "results" array.
JArray := JToken.AsArray(); // Convert the token into a JSON array. foreach JToken in JArray do begin
SubcontractingOrderNo := GetValueAsText(JToken, 'order_no'); // Retrieve the order
number. end; end;
? JToken.ReadFrom(Data): This reads the raw JSON data string and converts it into a JSON token that can be processed.
? JToken.SelectToken("results"): This extracts the results array from the JSON data.
? JArray.AsArray(): Converts the token into an array so we can iterate over it.
? GetValueAsText(JToken, 'order_no'): Extracts the order_no value from each item in the array.
```

NEW QUESTION 7

DRAG DROP - (Topic 2)

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.

Actions

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.

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In Business Central, when you need to handle the removal of fields and procedures to ensure that other extensions are not affected by these changes, you typically follow a two-step deprecation process. This allows other developers and users to adapt to the changes before they are fully enforced. Here are the steps to handle the removal:

- ? Mark as Obsolete: In the first version where the decision to remove the field or procedure is made, you set the ObsoleteState to Pending and provide an ObsoleteReason. This doesn't remove the feature but indicates to users and developers that it will be removed in the future. This step is crucial for backward compatibility.
- ? Removal: In a subsequent version, after users have had time to adapt to the deprecation warning, you can then remove the field or procedure or set the ObsoleteState to Removed.

Based on these guidelines, here are the three actions you should perform in sequence:

- ? Set the Description field as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- ? Set the Clone procedure as ObsoleteState = Pending and ObsoleteReason = 'Not in use' in version 2.0.0.0.
- ? Remove the Description field from the Issue table in version 2.0.0.1.

These steps will ensure that anyone using the Description field or Clone procedure will receive a warning about the pending deprecation before it is actually removed, thereby minimizing the impact on other extensions and providing a clear path for migration.

When handling the removal of fields and procedures in Microsoft Dynamics 365 Business Central, the process should be carried out in a way that allows other extensions or dependent features to adapt to the changes without causing immediate failures.

- ? Set Obsolete State and Reason for Description Field (Version 2.0.0.0): The first step involves marking the Description field as obsolete by setting the ObsoleteState to 'Pending'. This is a non-breaking change, signaling to other developers and users that the field is planned for removal in a future version. An ObsoleteReason should also be provided to explain why the field is being deprecated.
- ? Set Obsolete State and Reason for Clone Procedure (Version 2.0.0.0): Similarly, the Clone procedure should be marked as obsolete with the ObsoleteState set to 'Pending'. This indicates that the procedure is no longer in use and will be removed in the future. Providing an ObsoleteReason is best practice as it explains the rationale behind the decision.
- ? Remove the Description Field (Version 2.0.0.1): In the subsequent version, after the developers and users have been given time to adapt to the deprecation notice, the Description field can be safely removed from the Issue table. This is considered a breaking change, hence it is done after the field has been marked as obsolete in a previous version.

The reason for not removing the Description field and Clone procedure immediately in version 2.0.0.0 is to avoid causing runtime errors for any extensions or integrations that may depend on these components. By following this sequence, you provide a clear deprecation path that helps maintain the stability of the overall system while evolving the schema.

### NEW QUESTION 8

HOTSPOT - (Topic 2)

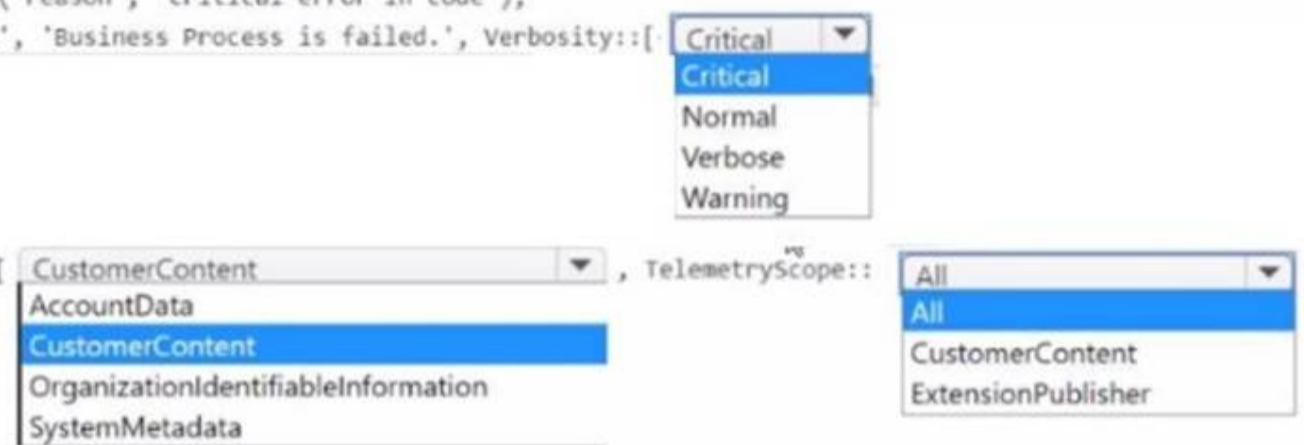
You need to log an error in telemetry when the business process defined in the custom application developed for Contoso, Ltd fails.

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.

Code to send a telemetry signal from extensions

```
procedure SendTelemetrySignal()
var
    CustDimension: Dictionary of [Text, Text];
begin
    CustDimension.Add('result', 'Process failed');
    CustDimension.Add('reason', 'critical error in code');
    LogMessage('PT001', 'Business Process is failed.', Verbosity::[Critical],
DataClassification::[CustomerContent], TelemetryScope::[All], CustDimension);
end;
```



- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Verbosity::Critical: This ensures that the telemetry logs the failure as a critical event. DataClassification::CustomerContent: This helps classify the error as related to customer data.

TelemetryScope::All: This ensures that the error is visible across all relevant telemetry scopes, making it easier to monitor the issue in real-time.

### NEW QUESTION 9

- (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 10

HOTSPOT - (Topic 2)

You need to write an Upgrade codeunit and use the DataTransfer object to handle the data upgrade.

Which solution should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Actions to set up the data upgrade topic

Requirement

Upgrade codeunit trigger

Solution

OnValidateUpgradePerDatabase

OnValidateUpgradePerCompany

OnUpgradePerDatabase

OnUpgradePerCompany

OnValidateUpgradePerDatabase

CopyRows

CopyFields

CopyRows

SetTables

TransferFields

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Upgrade codeunit trigger: OnValidateUpgradePerDatabase  
? Since the question specifies that you are handling data upgrades, and you need to use validation before upgrading at the database level, the correct choice is OnValidateUpgradePerDatabase. This method ensures that the upgrade process is validated before applying to the entire database, making it more efficient when data affects multiple companies or structures.  
DataTransfer method to use: CopyRows  
? CopyRows is the appropriate method when you are handling large data transfers between tables, especially in an upgrade scenario where you are migrating or transferring data from one table to another. It copies entire rows of data and is optimal for bulk data operations during upgrades.  
? uk.co.certification.simulator.questionpool.PList@6961c306

NEW QUESTION 10

- (Topic 2)  
You need to determine If you have unwanted incoming web service calls in your tenant during the last seven days.  
Which two KQL queries should you use? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. `traces | where timestamp > ago(7d) | where customDimensions has 'RT0008' | where customDimensions.category !in ('ODataV4', 'ODataV3', 'Api')`
- B. `traces | where timestamp > ago(7d) | where customDimensions has 'RT0008' | where customDimensions.category == 'SOAP'`
- C. `traces | where timestamp > ago(7d) | where customDimensions == 'RT0008' | where customDimensions.category == 'SOAP'`
- D. `traces | where timestamp > ago(7d) | where customDimensions has 'RT0008' | where customDimensions.category != 'ODataV4'`
- E. `traces | where timestamp > ago(7d) | where customDimensions has 'RT0008' | where customDimensions.category !in ('ODataV4', 'Api')`

Answer: AC

Explanation:

The task is to identify unwanted incoming web service calls during the last seven days. To do this, we need to look at KQL (Kusto Query Language) queries that would filter out web service calls based on the timestamp (to ensure the calls are within the last seven days) and by certain characteristics that would indicate they are unwanted, such as the wrong type of protocol (SOAP in this case, as Contoso Ltd. plans to dismiss using it).  
Looking at the options:  
? Option A: This query selects all traces where the timestamp is within the last 7 days and where the custom dimension has a value of 'RT0008', and where the category is either 'ODataV4', 'ODataV3', or 'Api'. This query would show all API calls except SOAP, so it does not directly answer the question about unwanted calls.  
? Option B: This query filters for traces with a timestamp within the last 7 days, where 'RT0008' is present, and specifically looks for the category 'SOAP'. This query is correct because it directly targets SOAP calls, which are the unwanted calls according to Contoso Ltd.'s plans.  
? Option C: Similar to option B, this query filters for traces within the last 7 days and looks for 'RT0008' but uses the equality operator for the category 'SOAP'. This would also correctly return the unwanted SOAP calls.  
? Option D: This query also filters for traces within the last 7 days, but it excludes the 'ODataV4' category, which doesn't necessarily target the unwanted SOAP calls.  
? Option E: This query selects traces where the timestamp is within the last 7 days and the custom dimension has 'RT0008'. However, it filters out categories 'ODataV4' and 'Api', which does not directly help in identifying the unwanted SOAP calls.  
Therefore, the queries that should be used to determine if there are unwanted incoming web service calls (SOAP calls) in the tenant during the last seven days are Options B and C. These queries are specific to identifying SOAP protocol usage, which is what Contoso Ltd. considers unwanted.

NEW QUESTION 12

- (Topic 3)  
You need to evaluate the version values of the Quality Control extension to decide how the quality department must update it.  
Which two values can you obtain in the evaluation? Each correct answer presents part of the solution. Choose two.  
NOTE: Each correct selection is worth one point.

- A. AppVersion - 1.0.0.1
- B. AppVersion = 1.0.0.2
- C. DataVersion = 0.0.0.0
- D. DataVersion = 1.0.0.1
- E. DataVersion = 1.0.0.2

Answer: AC

Explanation:  
? uk.co.certification.simulator.questionpool.PList@3815ad1f

NEW QUESTION 13

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 checked="" 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 checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 16

- (Topic 3)  
You need to add a property to the Description and Comments fields with corresponding values for the control department manager.  
Which property should you add?

- A. Description
- B. Caption
- C. ToolTip
- D. InstructionalText

**Answer: C**

#### NEW QUESTION 18

DRAG DROP - (Topic 4)

A company is examining Connect apps and Add-on apps for use with Business Central.

You need to describe the development language requirements for Connect apps and Add-on apps.

How should you describe the app language requirements? To answer, move the appropriate app types to the correct descriptions. You may use each app type 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.

App types	Connect app and Add-on app descriptions						
<div> <div>Add-on app</div> <div>Connect app</div> </div>	<table border="1"> <thead> <tr> <th>Description</th> <th>App type</th> </tr> </thead> <tbody> <tr> <td>Developed by using any coding language</td> <td><input type="text"/></td> </tr> <tr> <td>Developed by using AL language in Visual Studio Code</td> <td><input type="text"/></td> </tr> </tbody> </table>	Description	App type	Developed by using any coding language	<input type="text"/>	Developed by using AL language in Visual Studio Code	<input type="text"/>
Description	App type						
Developed by using any coding language	<input type="text"/>						
Developed by using AL language in Visual Studio Code	<input type="text"/>						

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

? Developed by using any coding language: Connect app

? Developed by using AL language in Visual Studio Code: Add-on app

In Microsoft Dynamics 365 Business Central, there are distinct types of applications that can be developed: Connect apps and Add-on apps. Each has its own development language requirements:

? Connect apps:

? Add-on apps:

The language and environment used for developing these apps are key differentiators between Connect apps and Add-on apps.

#### NEW QUESTION 21

- (Topic 4)

A company is deploying Business Central on-premises.

The company plans to use a single-tenant deployment architecture.

You need to describe how the data is stored and how the Business Central Server is configured.

In which two ways should you describe the single-tenant architecture? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Each customer has their own Business Central Server.
- B. The application and the business data are stored in the same database.
- C. Multiple customers share a single Business Central Server.
- D. The application and business data are stored in separate databases.
- E. Multiple customers share multiple Business Central Server instances.

**Answer: AB**

#### Explanation:

In a single-tenant deployment architecture of Business Central on-premises, the following characteristics describe how the data is stored and how the Business Central Server is configured:

? The application and the business data are stored in the same database (B): In a

single-tenant architecture, each tenant (which typically corresponds to a single customer) has its own dedicated database. This database contains both the application objects (such as pages, reports, codeunits, etc.) and the business data (such as customer, vendor, and transaction records). This setup ensures that each tenant's data is isolated and can be managed independently.

? The application and business data are stored in separate databases (D): While (B)

is a characteristic of a single-tenant deployment, it's important to clarify that in some configurations, the application objects can be stored in a separate database from the business data. This approach can be used for easier maintenance and upgrades of the application code without affecting the business data. However, each tenant still has its own set of databases, maintaining the single-tenancy model.

The other options provided do not accurately describe a single-tenant architecture:

? Each customer has their own Business Central Server (A): This statement might be misleading. In a single-tenant deployment, while each customer has their own database, they do not necessarily have their own Business Central Server instance. Multiple databases (tenants) can be hosted on a single server instance, although they are not shared across customers.

? Multiple customers share a single Business Central Server (C) and Multiple customers share multiple Business Central Server instances (E): These options describe a multi-tenant architecture rather than a single-tenant one. In a multi-tenant setup, multiple customers (tenants) can share the same server instance and even the same application database, with data isolation ensured at the application level.

#### NEW QUESTION 24

- (Topic 4)

A company uses Business Central Users in DepartmentA are assigned a base application permission set.

The company observes that Departments can display a critical page that should be unavailable to the department.

You need to resolve the system control issue. What should you do?

- A. Create a different role center page that excludes the critical page and assigns it to the users.
- B. Extend the base application permission set and configure the Included PermissionSets property.
- C. Extend the base application permission set and configure the ExcludedPermissionSets property

- D. Create an entitlement object that excludes the base application permission set.
- E. Create a permission set object that excludes the critical table and assigns it to the users.

Answer: E

Explanation:

? Permission sets control access to objects (such as pages, tables, reports) in Business Central. By creating a new permission set that specifically excludes the critical table (or page) and assigning this permission set to the users in Department A, you can prevent them from accessing the page.

? Option A (creating a different role center page) is incorrect because role centers control the user interface, but do not directly restrict access to specific pages or tables.

? Option B and Option C (extending the base application permission set) are not the best options because extending permission sets typically involves adding permissions, not removing access. The question requires restricting access to a critical page, so simply including or excluding permission sets won't solve the issue at the table or page level.

? Option D (creating an entitlement object) is not relevant here, as entitlements are used in more complex licensing scenarios or environments.

Summary:  
Creating a permission set object that specifically excludes access to the critical table or page and assigning it to the users will solve the problem effectively.

NEW QUESTION 28

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 29

HOTSPOT - (Topic 4)

You plan to create a table to hold client data.

You have the following data integrity requirements:

- Lookups into other records must be established.
- Validate if a record exists in a destination record.

You need to select the table field property to use for each requirement.

Which table field property should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Build tables

### Requirement

Establish lookups into other records.

Validate if a record exists.

### Table field property

▼
DataClassification
ExternalAccess
TableRelation
ValidateTableRelation
▼
CalcFormula
Access
AccessByPermission
ValidateTableRelation

- A. Mastered
- B. Not Mastered

**Answer:** A

### Explanation:

For the data integrity requirements, the table field properties to use are:

? To establish lookups into other records, use the TableRelation property.

? To validate if a record exists in a destination record, use the ValidateTableRelation property.

In Business Central, when creating tables to hold data, maintaining data integrity is crucial:

? TableRelation Property: This property is used to create a relationship between the field in one table and a field in another table, which is typically used for lookups. When you set the TableRelation property on a field, it allows users to select from a list of values that exist in the related table.

? ValidateTableRelation Property: This property is used to ensure that the value entered in a field matches one of the values in a related table. If a user tries to enter a value that doesn't exist in the related table, an error will occur.

## NEW QUESTION 31

- (Topic 4)

You are creating a view for a Business Central app.

The view requires a custom layout that displays only customer records with a balance greater than 500 in local currency.

You need to configure the view to specify that it has a custom layout. Which property combination should you use?

- A. SharedLayout = false; Filters = where (Balance = filter (> 500), ??Currency Code" = filter ("LCY\*));
- B. SharedLayout = true; Filters = where (Balance filter (> 500), ??Currency Code" - filter ("LCY")>;
- C. SharedLayout = false; Filters = where ("Balance (LCY)" - filter (> 500));
- D. SharedLayout = true; Filters = where ("Balance (LCY)" - filter (> 500));

**Answer:** B

### Explanation:

? SharedLayout = true allows for the layout to be shared across views, and it is often used when defining a custom layout that should follow specific filtering conditions.

? The Filters property specifies the exact filter criteria for the view, in this case, filtering on Balance > 500 and the Currency Code = LCY (local currency).

? A uses incorrect filter syntax and SharedLayout = false, which doesn't allow the layout to be shared, so it's not ideal for this use case.

? C and D both have issues with the filter syntax and do not use proper Currency Code filtering or share layout settings.

For more details, check Creating Views in Business Central.

## NEW QUESTION 34

- (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 XmlVersion 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 39

- (Topic 4)

You are exporting data from Business Central.

You must export the data in a non-fixed length and width in CSV format. You need to generate an XMLport to export the data in the required format Which Format property value should you use?

- A. XML
- B. VariableText
- C. FixedText

Answer: B

Explanation:

When exporting data from Business Central and the requirement is for the data to be in a non-fixed length and width CSV format, the Format property of the XMLport should be set to VariableText (B). The VariableText format is designed for handling data exports where the fields are separated by a delimiter, such as a comma or tab, which is typical of CSV (Comma-Separated Values) files. This format allows for the flexibility needed when dealing with varying field lengths, as it does not enforce a fixed width for each field, making it ideal for CSV data exports. Setting the Format property to FixedText (C) would enforce a fixed width for each field, which is not suitable for CSV files, while the XML format (A) is used for exporting data in an XML structure, which is different from the CSV format requirements.

NEW QUESTION 43

DRAG DROP - (Topic 4)

A company owns and operates hotels, restaurants, and stores.

When the staff orders materials from the purchasing department, the requests are not directed to the correct approvers.

The staff requires a new field named Approver from which they can select the appropriate approver. The field must include the following options:

- Hotel manager
- Restaurant manager
- Store manager
- Purchasing manager

You need to create the Approver field in the Item table by using an AL extension.

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.

Actions

Create an enum object named Approver and include all options.

Create a table extension object for an Item table with an Approver field of enum type named Approver in the layout section.

Create a page extension object that extends the Item Card object. Add the field to the layout section.

Create a table extension object for an Item table with an Approver field of enum type named Approver in the field section.

Create a page extension object that extends the Item Card object. Add the field to the fields section.

Add the options to the existing Base Application Approver table.

Build and extend tables

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To create the Approver field in the Item table using an AL extension, perform the following actions in sequence:

? Create an enum object named Approver and include all options.

? Create a table extension object for an Item table with an Approver field of enum type named Approver in the fields section.

? Create a page extension object that extends the Item Card object. Add the field to the fields section.

Build and extend tables:To add a new field to an existing table in Business Central using AL extension, you need to define an enumeration (enum) with the possible values for the new field. Then, you create a table extension object where you add the new field and specify its type as the enum you created. This adds the field to the Item table. Finally, you modify the user interface to display the new field by creating a page extension for the Item Card page and adding the new field to it.

NEW QUESTION 47

HOTSPOT - (Topic 4)

A company uses Business Central. The company is generating a detailed custom report.  
A user observes that the generated report dataset contains more Delivery Line records than expected for one specific Delivery Header.  
You need to generate a report that contains the accurate number of records.

```
01 dataitem("Delivery Header"; "Delivery Header")
02     {
03         column(No_; "No.") { }
04         column(Customer_Name; "Customer Name") { }
05         dataitem("Delivery Line"; "Delivery Line")
06         {
07             column(Document_No_; "Document No.") { }
08             column(Delivery_Address; "Delivery Address") { }
09         }
10     }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Property configuration statements			
Statement		Yes	No
Configure the DataItemTableView property of the Delivery Header data item.		<input type="radio"/>	<input type="radio"/>
Configure the RequestFilterFields property of both data items.		<input type="radio"/>	<input type="radio"/>
Configure the DataItemLink property of the Delivery Line table.		<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The report generated by the company contains more Delivery Line records than expected for one specific Delivery Header. To address this, certain properties within the report's data items need to be configured correctly.  
Property Configuration Statements:  
? Configure the DataItemTableView property of the Delivery Header data itemThis property defines the view (filtering and sorting) for a data item in a report. If the DataItemTableView is not configured properly, it might pull in more records than expected.Answer: Yes. By configuring this property, you can control which Delivery Header records are retrieved, preventing excess records.  
? Configure the RequestFilterFields property of both data itemsThis property allows the user to set fields to filter on the request page of the report. Configuring the filter fields can help users refine the records being retrieved for both Delivery Header and Delivery Line.Answer: Yes. By setting appropriate filters on both data items, users can control which records to include, which is critical in narrowing down the correct data.  
? Configure the DataItemLink property of the Delivery Line tableThis property links two data items based on common fields. If not configured properly, more Delivery Line records than expected might be retrieved because the link between Delivery Header and Delivery Line might not be accurate.Answer: Yes. Configuring the DataItemLink ensures that only the Delivery Line records associated with the specific Delivery Header are retrieved, avoiding an excess of records.  
Conclusion:  
? DataItemTableView property of Delivery Header data item Yes  
? RequestFilterFields property of both data items Yes  
? DataItemLink property of Delivery Line table Yes  
Each configuration is necessary for generating the correct number of records in the report dataset.

NEW QUESTION 52

- (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 57

- (Topic 4)  
A company has a Business Central online environment.

You are exporting a file from a client by using the DownloadFromStream method. You need to create an InStream data type to send the data. Which solution should you use?

- A. Use OeatelnStream method from codeunit "Temp Blob".
- B. Use OeatelnStream method for BLOB field of "TempBlob" table.
- C. Use CreateInStream method for File type variable.

**Answer:** A

**Explanation:**

When exporting a file from a client using the DownloadFromStream method in a Business Central online environment, you need to create an InStream data type to send the data. The solution is to use the CreateInStream method from codeunit "Temp Blob" (A). The Temp Blob codeunit provides temporary storage of BLOBs (Binary Large Objects) and is commonly used for handling files and streams in Business Central. By using the CreateInStream method on a Temp Blob, you create an InStream that can then be used with the DownloadFromStream method to send the file data to the client. This approach is efficient for file handling and transfer in Business Central, especially in scenarios involving data export or file manipulation.

**NEW QUESTION 60**

- (Topic 4)

A company has a Business Central online environment.

You need to create an HTTP GET request that connects to an external REST service. Which solution should you use?

- A. HttpContent data type variable
- B. Codeunit 1299 "Web Request Helper"
- C. Codeunit S459 "JSON Management"
- D. Codeunit 1297 "Http Web Request Mgt??
- E. HttpClient data type variable

**Answer:** E

**Explanation:**

To create an HTTP GET request that connects to an external REST service in a Business Central online environment, the solution to use is the HttpClient data type variable (E). The HttpClient data type in AL language is designed for sending HTTP requests and receiving HTTP responses from a resource identified by a URI. This makes it the ideal choice for interfacing with external REST services, as it provides the necessary methods and properties to configure and execute HTTP GET requests, handle the responses, and process the data returned by the REST service. This approach is more direct and flexible compared to using specific codeunits like "Web Request Helper" (B) or "Http Web Request Mgt" (D), which might not provide the same level of control or specificity needed for RESTful interactions.

**NEW QUESTION 62**

- (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 = tabledata Job = RIMD;	Permissions = 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 Excluded Permission Sets property to Permission Set B. Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 67**

- (Topic 4)

You have a custom app.

A warning for the rule code named AAOXYZ appears in multiple app objects.

You need to change the severity of the rule from Warning to Info for only the current app. Which three actions should you perform? Each correct answer presents part of the solution. Choose three.

NOTE: Each correct selection is worth one point.

- A. Add the following ruleset object to the ruleset.json file:
 

```
{
  "id": "AAOXYZ",
  "action": " Info" }
To the "rules" array.
```

- B. Open the Visual Studio Code user settings.json file.
- C. Open the Visual Studio Code project settings.json file.
- D. Add the following ruleset object to the ruleset.json file:

```
{
    "id": "AA0XYZ",
    "action": "Hidden" }
To the "rules" array.
```

- E. Change the "al.enableCodeAnalysis" property value to "false".
- F. Add the "al.ruleSetPath" property with a path to the ruleset.json file.

Answer: BF

NEW QUESTION 70

HOTSPOT - (Topic 4)

You create a query that contains a procedure to display the top customers. The procedure breaks at runtime.

```
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;
```

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

Creating a query	Statement	Yes	No
	Enclose line 08 into BEGIN..END	<input type="radio"/>	<input type="radio"/>
	Add TopCustomerOverview.Open(); before TopCustomerOverview.SetFilter(Sales_LCY, '>10000'); in line 06.	<input type="radio"/>	<input type="radio"/>
	Add TopCustomerOverview.Open(); after 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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? Enclose line 08 into BEGIN .. END = NO  
? Add TopCustomerOverview.Open(); before = YES  
? TopCustomerOverview.SetFilter(Sales\_LCY, '>10000'); in line 06.  
? Add TopCustomerOverview.Open(); after TopCustomerOverview.SetFilter(Sales\_LCY, '>10000'); in line 06. = YES  
? Replace SetFilter in line 06 with SetRange. = NO  
The code provided has a runtime error because the query TopCustomerOverview must be opened before it can be read from. Therefore, TopCustomerOverview.Open(); should be added before trying to read from the query, which is not present in the code.  
Enclosing line 08 into a BEGIN .. END block is unnecessary because it is a single statement, and AL does not require a BEGIN .. END block for single statements within trigger or procedure bodies.  
TopCustomerOverview.SetFilter(Sales\_LCY, '>10000'); is a correct method to set a filter for the query, and using SetRange instead is not necessary unless the requirement is specifically to set a range of values, which is not indicated in the procedure's description.  
In summary, for the procedure to run correctly, the query must be opened after setting the filter and before attempting to read from it. The SetFilter method is correct for the intended operation, and there's no requirement to use SetRange or to enclose the Message call in a BEGIN .. END block.

NEW QUESTION 75

HOTSPOT - (Topic 4)

A developer creates a profile for part-time shop supervisors and adds customizations. You plan to add new requirements to the profile. You need to analyze the code to understand the profile and make sure there are no errors.

```

01 profile "Part Time Shop Supervisor"
02 {
03     Description = 'This profile is for Part time Shop Supervisors';
04     Caption = 'Part Time Shop Supervisor';
05     RoleCenter = "Shop Supervisor Role Center";
06     Enabled = true;
07     Promoted = true;
08     Customizations = Customization1;
09 }
10 pagecustomization Customization1 customizes "Item List"
11 {
12     layout
13     {
14         modify("Profit %")
15         {
16             Visible = false;
17         }
18         moveafter("Unit Cost"; "Costing Method")
19     }
20 }

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Profile and customization

Statement	Yes	No
The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup.	<input type="radio"/>	<input type="radio"/>
Variables, procedures, and triggers cannot be added on page customization objects.	<input type="radio"/>	<input type="radio"/>
Line 10 should use <b>extends</b> instead of <b>customizes</b> .	<input type="radio"/>	<input type="radio"/>
In line 18, "Unit Cost" will be moved after "Costing Method".	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup: No

Variables, procedures, and triggers cannot be added on page customization objects: Yes

Line 10 should use extends instead of customizes: No

In line 18, "Unit Cost" will be moved after "Costing Method": Yes

The Part Time Shop Supervisor profile will be applied only to users with "Register Time" = true on User Setup.

? No

? The code doesn't contain any reference to the User Setup table or the Register Time field, so this is not correct. Profiles are not applied conditionally based on fields like this.

Variables, procedures, and triggers cannot be added on page customization objects.

? Yes

? Page customization objects are meant for UI modifications, such as moving or hiding fields. You cannot add variables, procedures, or triggers in a page customization object.

Line 10 should use extends instead of customizes.

? No

? In AL, when customizing a page within a profile, you use customizes rather than extends. Extends is used when modifying base application objects, but customizes is used to customize pages within a profile.

In line 18, "Unit Cost" will be moved after "Costing Method".

? Yes

? The code in line 18 is correct. The moveafter directive will move the "Unit Cost" field after the "Costing Method" field on the page layout.

NEW QUESTION 79

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 84

- (Topic 4)

You are developing an app that will be published to Microsoft AppSource.  
The app requires code analyzers to enforce some rules. You plan to add the analyzers to the settings.json file.  
You need to activate the analyzers for the project.  
Which three code analyzers should you activate to develop the app for AppSource? Each correct answer presents part of the solution  
NOTE: Each correct selection is worth one point.

- A. CodeCop
- B. UICop
- C. a custom rule set
- D. PerTenantExtensionCop

E. AppSourceCop

Answer: BDE

Explanation:

When developing an app for Microsoft AppSource, it is crucial to adhere to specific guidelines and standards to ensure compatibility and compliance. The three code analyzers you should activate are:

? CodeCop (A): This is the default analyzer for AL language extensions. It enforces the AL Coding Guidelines, ensuring that the code follows best practices for readability, maintainability, and performance. It checks for a wide range of issues, from syntax errors to best practice violations, making it essential for any AL development.

? PerTenantExtensionCop (D): This analyzer is specifically designed for extensions that are intended to be installed for individual tenants. It includes rules that ensure the extension does not interfere with the per-tenant customizations and adheres to the guidelines for extensions that can be safely installed and uninstalled without affecting the underlying application.

? AppSourceCop (E): This analyzer is tailored for extensions that are intended for publication on Microsoft AppSource. It enforces additional rules that are specific to AppSource submissions, such as checking for the use of reserved object ranges and ensuring that all prerequisite dependencies are correctly declared. This is crucial for ensuring that your app meets all the requirements for listing on AppSource.

By activating these three analyzers, developers can ensure their app adheres to the standards required for AppSource, as well as maintain high code quality and compatibility with Business Central.

NEW QUESTION 89

DRAG DROP - (Topic 4)

A company uses four objects in development in Business Central. The company plans to make changes to the objects.

You need to identify the application layer for each object in Visual Studio Code.

Which objects ate available in each application layer? To answer, move the appropriate application layer to the correct objects You may use each application layer 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.

Application layers

Base

System

Application layers

Object

Language table

Activities Cue table

Extension Management codeunit

Business Unit Card page

Application layer

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Language table System layer Activities Cue table Base layer

Extension Management codeunit System layer Business Unit Card page Base layer Application Layers in Business Central:

In Business Central, there are different layers such as Base and System, which represent different levels of the application architecture. Here's a breakdown of where each object is likely to belong based on typical Business Central architecture:

? Language Table:This table typically belongs to the System layer, as language and localization features are often part of the foundational aspects of the system.

? Activities Cue Table:This would likely be found in the Base layer because it involves business logic that supports user interface elements (like activity cues) specific to the Business Central application.

? Extension Management Codeunit:The Extension Management Codeunit likely belongs to the System layer, as it deals with handling extensions, which is closely related to the core system functionality for managing and deploying changes.

? Business Unit Card Page:This object would typically be part of the Base layer, as it is a business-specific object that handles the user interface for business unit data, part of the core Business Central application.

NEW QUESTION 92

- (Topic 4)

You create a Business Central report.

You need to insert values on the Request page to be saved for the next time the report is run.

What should you do?

- A. Set the Transact! on Type property to Update.
- B. Declare a Savevalues' variable and assign it to true on the OnOpenPage () trigger.
- C. Set the Use Request Page property to true.
- D. Set the SaveValues property to true.

Answer: B

Explanation:

To ensure that the values inserted on the Request page of a Business Central report are saved for the next time the report is run, the SaveValues property (D) should be set to true. This property is available on the Request page of the report and, when set to true, allows the system to remember the values entered by the user, so they do not have to re-enter them each time they run the report. This feature enhances user experience by reducing repetitive data entry and ensuring consistency in report parameters across multiple executions. The other options mentioned, such as setting the Transaction Type property to Update (A) or declaring a Savevalues variable in the OnOpenPage trigger (B), are not directly related to saving user input on a report's Request page.

NEW QUESTION 96

DRAG DROP - (Topic 4)  
You plan to run a debug for a client.  
You extend the Standard Sales - Invoice report to add a new requirement.  
You create a Report Extension 'Ext Standard Sales - Invoice' with ID = 50100 and add the following lines of code. (Line numbers are included for reference only.)

```
01 modify(VATAmountLine)
02 {
03     trigger OnAfterAfterGetRecord()
04     begin

05         NewTotalVATBaseLCY += GetBaseLCY(Header."Posting Date", Header."Currency Code", Header."Currency Factor");
06         NewTotalVATAmountLCY += GetAmountLCY(Header."Posting Date", Header."Currency Code", Header."Currency Factor");
07     end;
08 }
```

The client informs you that the value of the New Total VATBaseLCY column is incorrect. You need to run a debug to identify the cause.  
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.

Actions

In Visual Studio Code, locate the Ext Standard Sales - Invoice report extension from your application.

Comment line 05.

On the Ext Standard Sales - Invoice report extension, search where the NewTotalVATBaseLCY variable is being calculated and set a breakpoint on the line.

In Visual Studio Code, navigate through the Base Application to locate the Standard Sales - Invoice report.

Use the step-over functionality.

Start debugging.

Use the step-into functionality.

Extension debugging process

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Here??s the process to follow in the correct sequence:  
? In Visual Studio Code, locate the Ext Standard Sales - Invoice report extension from your application.  
? Search where the NewTotalVATBaseLCY variable is being calculated and set a breakpoint on the line.  
? Start debugging.  
? Use the step-over functionality.

NEW QUESTION 97

- (Topic 4)  
A company uses Business Central.  
The company has sales orders that have a different location in the header than in the customer's card. You plan to add a check on sales order posting.  
The check must meet the following requirements.

- Sales Order must have the same Location Code as the Location Code set up on the customer's card.
- Must not be run in preview mode.
- Must be run even if the user is only shipping items and not invoicing.

You create an event subscription for codeunit 80 "Sales-Post" You need to identify which event to subscribe to Which event should you identify?

- A. OnBeforePostSalesDoc(SalesHeader2, SuppressCommit, PreviewMode, HideProgressWindow, IsHandled);
- B. OnAfterPostSalesDoc(SalesHeader2, GenJnlPostLine, SalesShptHeader."No.", ReturnRcptHeader."No.", SalesInvHeader."No.", SalesCrMemoHeader."No.", SuppressCommit, InvtPickPutaway, CustLedgEntry, WhseShip, WhseReceive, PreviewMode);
- C. OnBeforePostSalesLines(SalesHeader, TempSalesLineGlobal, TempVATAmountLine, EverythingInvoiced);
- D. OnBeforePostInvoice(SalesHeader, CustLedgEntry, SuppressCommit, PreviewMode, GenJnlPostLine, IsHandled, GenJnlLineDocNo, GenJnlLineExtDocNo, GenJnlLineDocType, SrcCode);

Answer: A

Explanation:

- ? This event occurs before posting a sales document.
  - ? PreviewMode is available in the parameters, which allows checking whether the process is being run in preview mode.
  - ? This event is typically used for sales order posting and can be used for both shipping and invoicing.
- This event matches the requirements because:
- ? You can check if PreviewMode is false.
  - ? It can run for both shipping and invoicing.

#### NEW QUESTION 100

- (Topic 4)

A company uses Business Central.

The company plans to use a translation file in an extension. The extension has a caption that should not be translated.

You need to prevent the caption from being translated. What should you do?

- A. Use the CaptionML property and copy the same caption for each language used.
- B. Set the GenerateLockedTranslations feature in the appjson file.
- C. Add the Locked = true parameter to the Caption.
- D. Delete the Caption property.
- E. Copy the same caption for each language in the translation file.

**Answer: C**

#### Explanation:

To prevent a caption from being translated in an extension for Microsoft Dynamics 365 Business Central, you should add the Locked = true parameter to the Caption (C). This parameter explicitly marks the caption as locked for translation, ensuring that it remains unchanged across different language versions of the extension. This approach is useful for specific terms, brand names, or other elements within the application that should remain consistent regardless of the user's language settings. Unlike the other options, which involve manual manipulation of the translation file or properties, setting Locked = true directly in the AL code provides a clear, maintainable, and error-proof method to exclude specific captions from the translation process.

#### NEW QUESTION 105

- (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 on the review screen.

A company creates a Business Central app and a table named MyTable to store records when sales orders are posted.

Users report the following issues:

- The users receive permission errors related to MyTable.
- Users are no longer able to post sales orders since installing the new app.
- The users cannot access the list page created in MyTable.

You need to resolve the user issues without creating new permission sets. You must use the principle of least privilege.

Solution: In the MyTable object add the property InherentPermissions = RI. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

The property InherentPermissions is used to automatically grant permissions to the table object it is applied to, but setting it to RI (which seems to be a typo and should likely be 'RL' for Read and Insert permissions) is not sufficient in this scenario. The issues reported by the users suggest that they need more than just read and insert permissions on MyTable. Since users are unable to post sales orders, they likely need Modify, Delete, or Execute permissions on certain tables or objects related to the sales order process. Additionally, the inability to access the list page created in MyTable could be due to lacking Read permissions on other related objects or pages. Therefore, merely setting InherentPermissions = RL on MyTable does not comprehensively address the users' permission issues, especially when considering the principle of least privilege. A more tailored approach to permissions, potentially involving adjustments to the app's code or configuration to ensure proper permissions are applied where necessary, would be needed.

#### NEW QUESTION 107

- (Topic 4)

You have a query object named Items Query. You write code using an Items Query query variable. You need to export the Items Query query data to a file. Which SaveAs function should you use?

- A. SaveAsExcel
- B. SaveAsWord
- C. SaveAsHtml
- D. SaveAsCsv

**Answer: D**

#### Explanation:

? SaveAsCsv is the correct function to export the query data to a CSV (Comma- Separated Values) file, which is a commonly used text format for data exports. ? SaveAsExcel would export to an Excel file, SaveAsWord to a Word document, and SaveAsHtml to an HTML file, but since the requirement is to export to a file and the question doesn't specify any particular file format other than what fits standard data exports, CSV is the most fitting and efficient format for this scenario. For more information, see the Query Object Functions in Business Central.

#### NEW QUESTION 108

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