

MB-820 Dumps

Microsoft Dynamics 365 Business Central Developer

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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

HOTSPOT - (Topic 1)

You need to create the configuration table and page for the non-conformity functionality.

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

NOTE: Each correct selection is worth one point

Table design configuration

Requirement

Design pattern for the setup table

Data type of the primary key field

Property required to prevent users from adding records

Table configuration

Adapter	▼
No. Series	
Adapter	
Singleton	

Code	▼
BigInteger	
Code	
Integer	

InsertAllowed	▼
InitValue	
InsertAllowed	
UnBound	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Design pattern for the setup table:

? The correct selection here is Adapter. The Adapter design pattern is commonly used when you need to handle integration points or create a setup table that acts as an intermediary for data manipulation, which fits the requirement for the configuration of the non-conformity functionality.

Data type of the primary key field:

? The correct data type is Code. In Business Central, when creating a table with a primary key field, the Code data type is typically used for fields such as document numbers, codes, and identifiers. For a setup table, a Code field is appropriate for keys like "No." series or setup identifiers.

Property required to prevent users from adding records:

? The correct property is InitValue. This property is used to set initial values for fields and can be configured in such a way that users are prevented from adding records directly, typically enforcing control over record creation and editing in configuration scenarios.

NEW QUESTION 3

- (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 4

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	Page types
	Display relevant insights in the Housekeeping Role Center.	<div>▼</div> <div>CardPart</div> <div>HeadLinePart</div> <div>Worksheet</div>
	Display the additional information for the Room table.	<div>▼</div> <div>CardPart</div> <div>FactBox</div> <div>HeadLinePart</div>
	Configure the first installation.	<div>▼</div> <div>HeadLinePart</div> <div>NavigatePage</div> <div>StandardDialog</div>

- 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 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

alpine

integration

rooms

v2.0

 /companies(<companyId>)/

▼

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>

API JSON response

```

procedure ReadJsonData(Data: text)
var
    JToken: JToken;
    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 JToken, 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 JToken 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 9

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 10

- (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	Solution
Upgrade codeunit trigger	<div>OnValidateUpgradePerDatabase</div> <div>OnValidateUpgradePerCompany</div> <div>OnUpgradePerDatabase</div> <div>OnUpgradePerCompany</div> <div>OnValidateUpgradePerDatabase</div>

| DataTransfer method to use | 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.
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NEW QUESTION 15

- (Topic 2)
You need to determine why the extension does not appear in the tenant.
What are two possible reasons for the disappearance? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. The extension was published as a DEV extension.
- B. The extension was not compatible with the new version within 60 days of the first notification.
- C. The extension was published as PT
- D. and the Platform parameter was not updated in the application file.
- E. The extension was published as PT
- F. and the Platform and Runtime parameters were not updated in the application file.
- G. The extension was not compatible with the new version within 90 days of the first notification.

Answer: BD

Explanation:

In the context of Microsoft Dynamics 365 Business Central, an extension may not appear in the tenant for several reasons, particularly after an upgrade to a new major version.
? Option A suggests that the extension was published as a DEV extension, which typically would not cause it to disappear after an upgrade because DEV

extensions are intended for development and testing within sandbox environments.

? Option B indicates that the extension was not compatible with the new version within 60 days of the first notification. This is a likely reason because Microsoft enforces compatibility rules, and extensions that are not made compatible within the specified timeframe might be removed or disabled.

? Option C refers to the extension being published as a PTE (Per-Tenant Extension) and mentions the Platform parameter not being updated. This could cause issues, but not specifically the disappearance of the extension after an upgrade.

? Option D expands on Option C by adding that both the Platform and Runtime parameters were not updated in the application file. This is a critical aspect because if these parameters are not correctly set to indicate compatibility with the new version of Business Central, the extension could be disabled or removed.

? Option E is similar to Option B but mentions a 90-day period. This option does not align with standard Business Central practices for version compatibility requirements.

Therefore, the two possible reasons for the disappearance of the extension in the tenant after an upgrade are that the extension was not compatible with the new version within the required timeframe (Option B) and that the extension was published as a PTE without the Platform and Runtime parameters being updated (Option D).

NEW QUESTION 16

- (Topic 2)
You need to call the Issue API action from the mobile application. Which action should you use?

- A. POST/issues (88122e0e-5796-ec11-bb87-000d3a392eb5)Microsoit.NAV.copy
- B. PATCH /issues {88122 eOe-5796-ed 1 -bb87-000d3a392eb5)/Mkrosotl.NAV.Copy
- C. POST /issues (88122e0e-5796-ec11 -bb87-000d3a392eb5)/Copy
- D. POST /issues (88122e0e-5796-ec11 -bb87-000d3a392eb5)/copy
- E. POST/issues(88122e0e-5796-ec11-bb87-000d3a392eb5)/MicrosoftNAV.Copy

Answer: C

Explanation:

In the context provided by the case study, when calling an API action from a mobile application, the correct format for a POST request to an action in Business Central typically involves specifying the entity (/issues), the ID of the entity (88122e0e-5796-ec11- bb87-000d3a392eb5), and the action to be called (/Copy). The action name should match the exact name as defined in the AL code, which is case-sensitive.

? Option A is incorrect because it uses a non-standard format for the action call.

? Option B uses the PATCH method, which is generally used for update operations, not for calling actions.

? Option C is correct as it uses the POST method, which is appropriate for calling actions, and correctly specifies the entity, ID, and action name.

? Option D is incorrect because the action name /copy is in lowercase, while AL is case-sensitive, and it should match the case exactly as defined in the code.

? Option E incorrectly adds 'MicrosoftNAV' before the action name, which is not standard for calling actions in Business Central APIs.

Hence, the correct action to use when calling the Issue API action from the mobile application is given in Option C.

NEW QUESTION 20

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Development environment configuration



NEW QUESTION 21

DRAG DROP - (Topic 3)

You need to configure the Subcontract Docs extension to translate the fields.

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.

Manage multilanguage development

Answer Area

- ⋮ Open the table Subcontract Documents.
- ⋮ Add the CaptionML property for each field.
- ⋮ Complete the value for CaptionML for each field with the format <ENU>='<field caption translated into English>', <ESP>='<field caption translated into Spanish>';.
- ⋮ Open the Subcontract Document List page.
- ⋮ Add the setting "features": ["TranslationFile"] in the app.json file.
- ⋮ Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.
- ⋮ Translate the generated .xlf file.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Manage multilanguage development

Open the table Subcontract Documents.

Add the CaptionML property for each field.

Complete the value for CaptionML for each field with the format `<ENU>='<field caption translated into English>','<ESP>='<field caption translated into Spanish>';`.

Open the Subcontract Document List page.

Add the setting "features": ["TranslationFile"] in the app.json file.

Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.

Translate the generated .xlf file.

Answer Area

Add the setting "features": ["TranslationFile"] in the app.json file.

Use the build command AL: Package in Visual Studio Code to generate the \Translations folder.

Translate the generated .xlf file.

NEW QUESTION 25

HOTSPOT - (Topic 3)

You need to create the code related to the Subcontract Documents table to meet the requirement for the quality 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.

Standard triggers in code

```
codeunit 50100 Vendor
codeunit 50100 Vendor
table 50100 "Vendor Control"
tableextension 50100 "Vendor Control" extends Vendor
tableextension 50100 "Vendor Control" extends "Subcontract Documents"
{
    trigger OnDelete()
    trigger OnDelete()
    trigger OnModify()
    procedure OnDeleteSubcontractDocument()

var
    SubcontractDocument: Record "Subcontract Documents";
    errLbl: Label 'You cannot remove a vendor that has subcontract documents.';
begin
    SubcontractDocument.SetRange("Subcontract No.", rec."No.");
    SubcontractDocument.SetRange("Posted", false);
    if not SubcontractDocument.IsEmpty then
        error(errLbl)
        confirm(errLbl)
        error(errLbl)
        message(errLbl)
    else begin
        SubcontractDocument.SetRange(Posted);
        if SubcontractDocument.FindSet() then
            SubcontractDocument.DeleteAll();
    end;
end;
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Standard triggers in code

```
codeunit 50100 Vendor
codeunit 50100 Vendor
table 50100 "Vendor Control"
tableextension 50100 "Vendor Control" extends Vendor
tableextension 50100 "Vendor Control" extends "Subcontract Documents"
```

```
{
trigger OnDelete()
trigger OnDelete()
trigger OnModify()
procedure OnDeleteSubcontractDocument()
```

```
var
    SubcontractDocument: Record "Subcontract Documents";
    errLbl: Label 'You cannot remove a vendor that has subcontract documents.';
begin
    SubcontractDocument.SetRange("Subcontract No.", rec."No.");
    SubcontractDocument.SetRange("Posted", false);
    if not SubcontractDocument.IsEmpty then
        error(errLbl)
        confirm(errLbl)
        error(errLbl)
        message(errLbl)
    else begin
        SubcontractDocument.SetRange(Posted);
        if SubcontractDocument.FindSet() then
            SubcontractDocument.DeleteAll();
    end;
end;
```

NEW QUESTION 28

- (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 32

HOTSPOT - (Topic 4)

You create a table with fields. You observe errors in the code You need to resolve the errors.

```
01 field(1; "Job No."; Code[20])
02 {
03     Caption = 'Job No.';
04 }
05 field(2; Description; text[150])
06 {
07     Caption = 'Description';
08 }
09 field(3; "Sales Amount"; Decimal)
10 {
11     AutoFormatType = 1;
12     CalcFormula = sum("Job Task"."Recognized Sales Amount" where("Job No." = field("No.")));
13     Caption = 'Calc. Recog. Sales Amount';
14     Editable = false;
15 }
16 field(5; "Over Budget"; Boolean)
17 {
18     Caption = 'Over Budget';
19 }

20 field(6; "Project Manager"; Code[50])
21 {
22     Caption = 'Project Manager';
23     TableRelation = "User Setup";
24 }
```

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

NOTE: Each correct selection is worth one point.

Error resolution

Statement	Yes	No
In line 12, declare "Job Task" as a variable.	<input type="radio"/>	<input type="radio"/>
Add the property FieldClass = FlowField; for field 3.	<input type="radio"/>	<input type="radio"/>
Add the property FieldClass = FlowFilter; for field 3.	<input type="radio"/>	<input type="radio"/>
In line 23, assign the "User Setup" table to a field.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

? In line 12, declare "Job Task" as a variable. = NO

? Add the property FieldClass = FlowField; for field 3. = YES

? Add the property FieldClass = FlowFilter; for field 3. = NO

? In line 23, assign the "User Setup" table to a field. = YES

For "In line 12, declare 'Job Task' as a variable": In the AL code provided, the "Job Task" appears to be part of a CalcFormula of a FlowField, which means it references a table and not a variable. The "Job Task" does not need to be declared as a variable because it is used to reference a table in a CalcFormula expression.

For "Add the property FieldClass = FlowField; for field 3": The line of code CalcFormula = sum("Job Task"."Recognized Sales Amount" where("Job No." = field("No."))); indicates that this field is calculated from other table data, which is the definition of a FlowField. Therefore, adding the property FieldClass = FlowField; is necessary for the field to function correctly.

For "Add the property FieldClass = FlowFilter; for field 3": FlowFilters are used to filter data based on the value in a flow field. Since field 3 is using a CalcFormula to sum values, it is a FlowField and not a FlowFilter. Therefore, this statement is not correct.

For "In line 23, assign the 'User Setup' table to a field": The line TableRelation = "User Setup"; suggests that the "Project Manager" field has a relation to the "User Setup" table, which is a method of assigning a table to a field to ensure that the values in "Project Manager" correspond to values in the "User Setup" table. Hence, this statement is true.

NEW QUESTION 35

- (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 set 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: Decorate the event subscriber used for inserting data in MyTable by entering (InherentPermissions(PermissionObjectType:TableData.

Database:MyTable. 'R')]

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Using InherentPermissions in an event subscriber with the specified syntax could potentially resolve the permission issues related to MyTable, provided that the permissions specified (in this case, 'R' for Read) align with the minimum necessary for the users to perform their tasks. This approach allows the app to grant permissions dynamically based on the context of the event subscriber, which in this case is involved with inserting data into MyTable. By granting Read permission at the event level, it ensures that users have the necessary permissions to interact with MyTable in the context of the operations facilitated by the event subscriber, without needing to alter existing permission sets or grant broader permissions than necessary. This solution adheres to the principle of least privilege by ensuring that permissions are granted only within the narrow scope needed for specific operations, thereby potentially resolving the reported user issues in a secure and controlled manner.

NEW QUESTION 38

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>Add-on app</div> <div>Connect app</div>	<table><thead><tr><th>Description</th><th>App type</th></tr></thead><tbody><tr><td>Developed by using any coding language</td><td><div></div></td></tr><tr><td>Developed by using AL language in Visual Studio Code</td><td><div></div></td></tr></tbody></table>	Description	App type	Developed by using any coding language	<div></div>	Developed by using AL language in Visual Studio Code	<div></div>
Description	App type						
Developed by using any coding language	<div></div>						
Developed by using AL language in Visual Studio Code	<div></div>						

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 43

- (Topic 4)

You are cleaning up sandbox environments for a company.

The company requires data to be cleared from the environments each time an extension is published.

You need to configure the launch.json file.

Which schemaUpdateMode property should you set?

A. ForceUpgrade

B. ForceSync

C. Synchronize

D. Recreate

Answer: D

Explanation:

In the context of cleaning up sandbox environments for a company where data needs to be cleared each time an extension is published, the schemaUpdateMode property in the launch.json file should be set to Recreate (D). Setting this property to Recreate ensures that every time the extension is published, the existing tables and data are dropped, and then the tables are recreated based on the current extension's schema. This mode is particularly useful in development and testing environments where you need a clean slate for testing each version of the extension without the remnants of previous data affecting the outcomes. It's important to use this setting cautiously, as it results in the loss of all existing data in the tables defined by the extension, which is suitable for a sandbox environment but not for production environments.

NEW QUESTION 46

DRAG DROP - (Topic 4)

You are treating an app for Business Central.

You plan to specify the following parameters and properties of the server and app.

- Startup object type and object ID

- Runtime
- Dependencies

You need to configure the JSON file for the specified parameters and properties

Which JSON files should you configure? To answer, move the appropriate files to the correct object purposes You may use each file 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.

Files

app.json

launch.json

rad.json

JSON files

Object purpose

Startup object type and object ID

Runtime

Dependencies

File

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Each JSON file has its own purpose in Business Central extensions:

? app.json

? launch.json

Final Answer (Drag and Drop):

? Startup object type and object ID app.json

? Runtime launch.json

? Dependencies app.json

NEW QUESTION 47

- (Topic 4)

You plan to write unit test functions to test newly developed functionality in an app. You must create a test codeunit to write the functions.

You need to select the property to use for the test codeunit.

Which property should you use to ensure that the requirements are fulfilled?

- A. SubType
B. Access
C. Description

Answer: A

Explanation:

When creating a test codeunit in Microsoft Dynamics 365 Business Central to write unit test functions, the SubType property (A) of the codeunit should be set to Test. This property is crucial for defining the codeunit's purpose and behavior within the application. By setting the SubType property to Test, you are indicating that the codeunit contains test functions intended to validate the functionality of other parts of the application, such as customizations or new developments. This distinction ensures that the testing framework within Business Central recognizes the codeunit as a container for test functions, allowing it to execute these functions in a testing context, which can include setting up test data, running the tests, and cleaning up after the tests have completed.

NEW QUESTION 51

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 54

- (Topic 4)

You are creating a test codeunit for a company that uses Business Central. The company requires the following list of choices while posting a sales order:

- Ship
- Invoice
- Ship & Invoice

You must create a test codeunit that automatically selects one of these options. You need to create the test codeunit. Which handler should you use?

- A. SessionSettingsHandler
B. SendNotificationHandler
C. RecallNotificationHandler
D. StrMenuHandler

Answer: D

Explanation:

? StrMenuHandler is used to simulate the selection of an option from a string-based menu, such as the "Ship," "Invoice," or "Ship & Invoice" options when posting a sales order. This handler allows you to programmatically select an option during automated testing.

? Other handlers, such as SessionSettingsHandler or SendNotificationHandler, do not simulate the selection of menu choices, which is specifically required in this scenario.

For more details on StrMenuHandler and how it simulates user interaction with menu choices, refer to the Test Handlers in Business Central.

NEW QUESTION 56

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 61

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 62

- (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. shareLayout = false; Filters = where (Balance = filter (> 500), ??Currency Code" = filter ("ICY*));
- B. SharedLayout - true; Filters - where (Balance filter (> 506), ??Currency Code" - filter ('LCY')>;
- C. SharedLayout - false; Filters - where ("Balance (ICY)" - filter (> 500));
- D. SharedLayout = true; Filters - where ("Balance (ICY)" - 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 shareLayout = 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 64

HOTSPOT - (Topic 4)

A company is setting up a sandbox environment.
You observe the following issues in Visual Studio Code:

- When you open the User Settings window, no AL command is available
- In the Problems tab. the error 'The target page Customer List for the extension object is not found' is displayed.

You need to identify a solution for each issue.
Which solutions should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Configure the development environment.

Issue	Solution
No AL command in User Settings	<div>Sign up for Business Central sandbox. Set the Type property to al in launch.json. Install the AL Language extension.</div>
Error in the Problems tab	<div>In the resource exposure policy, set allowDebugging to true. Download Symbols. Configure the dependencies property in app.json.</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

No AL command in User Settings:The correct solution is to Install the AL Language extension.

? This issue arises when the AL Language extension is not installed in Visual Studio Code, which is required to work with AL projects in Business Central.

Error in the Problems tab:The correct solution is to Download Symbols.

? This error typically occurs when the symbols (metadata for pages, tables, etc.) are not downloaded, and Visual Studio Code cannot resolve the reference to the Customer List page. Downloading symbols should fix the problem.

NEW QUESTION 66

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

- 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 70

- (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 75

HOTSPOT - (Topic 4)

A company has a page named New Job Status connected to a source table named Job. The page has an action named Item Ledger Entries. The company requires the following changes to the page:

- Filter the page to display only jobs with open or quote status.
- Add the following comment for internal use: This page does not include completed jobs.
- Item Ledger Entries action must open the selected job on the page and display it in the UI for users to modify.

You need to select the property selections to use for each requirement.

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

NOTE: Each correct selection is worth one point.

Page modifications

Requirement

Display status of open or quote.

Add a comment for internal use.

Action must open selected job on the page.

Property selection

SourceTableView = sorting(Status) order(ascending)
SourceTableView = where(Status = filter(Open | Quote | Planning));
SourceTableView = where(Status = filter(Open | Quote));

Description = 'This page does not include completed jobs';
ToolTip = 'This page does not include completed jobs';

RunPageLink = "Job No." = FIELD("No.");
RunPageView = "Job No." = FIELD("No.");

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Page modifications

Requirement

Display status of open or quote.

Add a comment for internal use.

Action must open selected job on the page.

Property selection

SourceTableView = sorting(Status) order(ascending)
SourceTableView = where(Status = filter(Open | Quote | Planning));
SourceTableView = where(Status = filter(Open | Quote));

Description = 'This page does not include completed jobs';
ToolTip = 'This page does not include completed jobs';

RunPageLink = "Job No." = FIELD("No.");
RunPageView = "Job No." = FIELD("No.");

NEW QUESTION 79

HOTSPOT - (Topic 4)

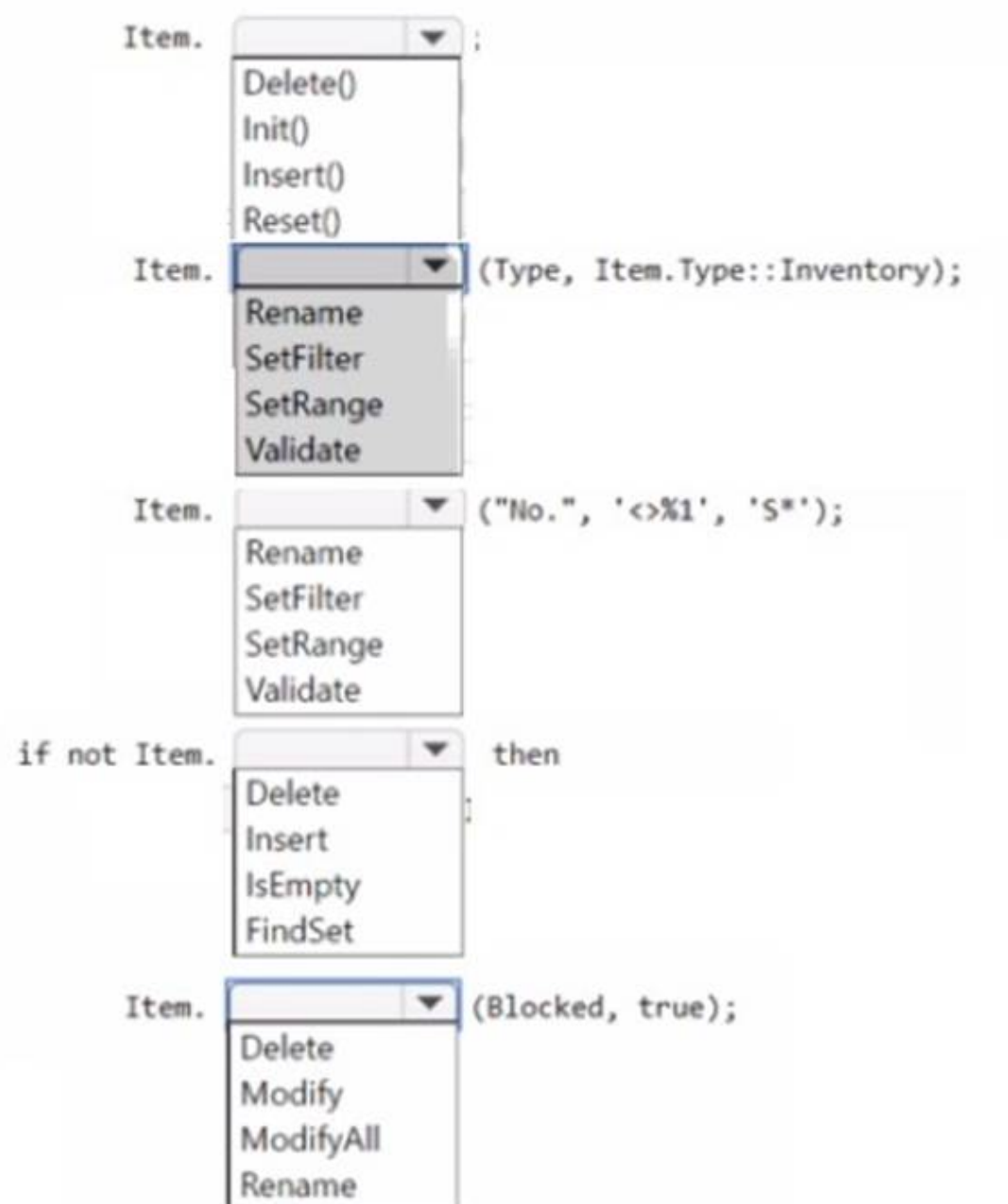
You are writing a procedure to block all inventory items with numbers that do not start with the letter S.

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



- 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 84

- (Topic 4)

A company plans to set up a local Business Central Development Docker container. The environment will be used for testing new project ideas. You need to ensure that the most recent Business Central artifact URL has been selected. Which command should you use?

- A. Get-BcArtifactUrl -type sandbox -select Current
- B. Get-BcArtifactUrl -type sandbox -select Closest
- C. Get-BcArtifactUrl -type sandbox -select NextMinor
- D. Get-BcArtifactUrl -type sandbox -select NextMajor

Answer: A

Explanation:

To ensure the most recent Business Central artifact URL is selected for setting up a local Business Central Development Docker container, the command to use is `Get-BcArtifactUrl -type sandbox -select Current` (A). This PowerShell command retrieves the URL for the latest available Business Central artifact for a sandbox environment, ensuring that the Docker container is set up with the most up-to-date version for testing new project ideas. The `-select Current` parameter is crucial as it specifies that the current, or latest, version of the artifact is to be retrieved, as opposed to selecting a version based on other criteria such as `Closest`, `NextMinor`, or `NextMajor`.

NEW QUESTION 88

- (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 91

- (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 96

- (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": "AA0XYZ",  
"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 97

- (Topic 4)

A company has an on-premises Business Central instance named TEST The instance uses Windows authorization and a developer services port of 7149 Visual Studio Code is installed on the same server.

You create a new AL project but cannot download the symbols. The launch json file contains the following code:

```
{  
  "name": "Your local server",  
  "request": "launch",  
  "type": "al",  
  "environmentType": "OnPrem",  
  "server": "http://localhost",  
  "serverInstance": "DEV",  
  "authentication": "Windows",  
  "breakOnError": "All",  
  "launchBrowser": true,  
  "enableLongRunningSqlStatements": true,  
  "enableSqlInformationDebugger": true,  
  "tenant": "default",  
  "usePublicURLFromServer": true  
}
```

You need to download the symbols.

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

A. Change the server Instance parameter to TEST

- B. Add the port: 7149 parameter.
C. Change the name parameter to TEST.
D. Change the authentication parameter to UserPassword.
E. Check which server the instance is installed on and replace http//localhost with the correct IP address.

Answer: AB

Explanation:

You are working on an on-premises Business Central instance and unable to download symbols for a new AL project. The current configuration in launch.json does not allow you to download symbols, and you need to make corrections.
Key Points in the Scenario:
? Instance name is TEST.
? Developer services port is 7149.
? Windows authentication is being used.
Correct Answers:
? A. Change the server Instance parameter to TEST.
? B. Add the port: 7149 parameter.
Incorrect Options:
? C. Change the name parameter to TEST: The name parameter is just a label and does not affect downloading symbols, so changing this won't help.
? D. Change the authentication parameter to UserPassword: The authentication method is already set to Windows, which is valid for this scenario. Changing it to UserPassword is unnecessary unless specified by the system.
? E. Check which server the instance is installed on and replace http://localhost with the correct IP address: Since the server is on the same machine as Visual Studio Code (as specified), localhost is correct.

NEW QUESTION 102

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 104

HOTSPOT - (Topic 4)

You create a procedure to check if a purchase order has lines.

The procedure returns false for purchase order PO-00001 even though it has purchase lines.

```
01 procedure CheckPurchaseLines(PurchaseHeader: Record "Purchase Header"): Boolean
02 var
03     PurchaseLine: Record "Purchase Line";
04 begin
05     PurchaseLine.SetRange("Document Type", PurchaseHeader."Document Type");
06     PurchaseLine.SetRange("No.", PurchaseHeader."No.");
07     exit(not PurchaseLine.IsEmpty());
08 end;
```

You need to fix the code to get the correct 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.

Debug AL code

Statement	Yes	No
Add Clear(PurchaseLine); as a line before line 01 of the code.	<input type="radio"/>	<input type="radio"/>
Add PurchaseLine.SetFilter("Line No.", '>0') as a line after line 06.	<input type="radio"/>	<input type="radio"/>
Change the filter on line 06 from a "No." field to a "Document No." field.	<input type="radio"/>	<input type="radio"/>
Remove "not" in line 07.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Add Clear(PurchaseLine); as a line before line 01 of the code: No
Add PurchaseLine.SetFilter("Line No."; '>0') as a line after line 06: Yes
Change the filter on line 06 from a "No." field to a "Document No." field: No
Remove "not" in line 07: No
Add Clear(PurchaseLine); as a line before line 01 of the code.
? No
? You do not need to clear the PurchaseLine record before running the query, because the SetRange filters will take care of setting the correct context.
Add PurchaseLine.SetFilter("Line No."; '>0') as a line after line 06.
? Yes
? Adding a SetFilter on the "Line No." field ensures that you're checking for actual purchase lines greater than 0, which are valid lines. This would fix the issue where the check might return false even when lines exist.
Change the filter on line 06 from a "No." field to a "Document No." field.
? No
? The filter on the No. field is correct, as it's filtering based on the purchase order number. Changing this to Document No. is unnecessary.
Remove "not" in line 07.
? No
? The not in line 07 is necessary because IsEmpty() returns true when no lines are found. To correctly return a boolean indicating whether the purchase order has lines, you need to negate the result of IsEmpty().

NEW QUESTION 107

- (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 110

HOTSPOT - (Topic 4)

A company uses Business Central. The company has branches in different cities.
A worker reports that each time they generate a daily summary report they get an error message that they do not have permissions.

```
15 local procedure GetLogisticsCharge() LogisticsCharge: Decimal;
16     var
17         LogisticsSetup: Record "Logistics Setup";
18     begin
19         LogisticsSetup.Get();
20         LogisticsCharge := LogisticsSetup."Logistics Charge";
21     end;
```

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

Method attributes

Statement	Yes	No
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'x', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'R', InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'r', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup". 'X'. InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Method attributes

Statement	Yes	No
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup", 'x', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'R', InherentPermissionsScope::Permissions)] above line 15.	<input checked="" type="radio"/>	<input type="radio"/>
Configure [InherentPermissions(PermissionObjectType::TableData, Database::"Logistics Setup", 'r', InherentPermissionsScope::Both)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>
Configure [InherentPermissions(PermissionObjectType::Table, Database::"Logistics Setup". 'X'. InherentPermissionsScope::Permissions)] above line 15.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 111

- (Topic 4)
You are developing an app.
You plan to publish the app to Microsoft AppSource. You need to assign an object range for the app. Which object range should you use?

- A. custom object within the range 50000 to 59999
- B. custom object within the range 50000 to 99999
- C. divided by countries and use specific a country within the range 100000 to 999999
- D. an object range within the range of 7000000 to 74999999 that is requested from Microsoft
- E. free object within the standard range 1 to 49999

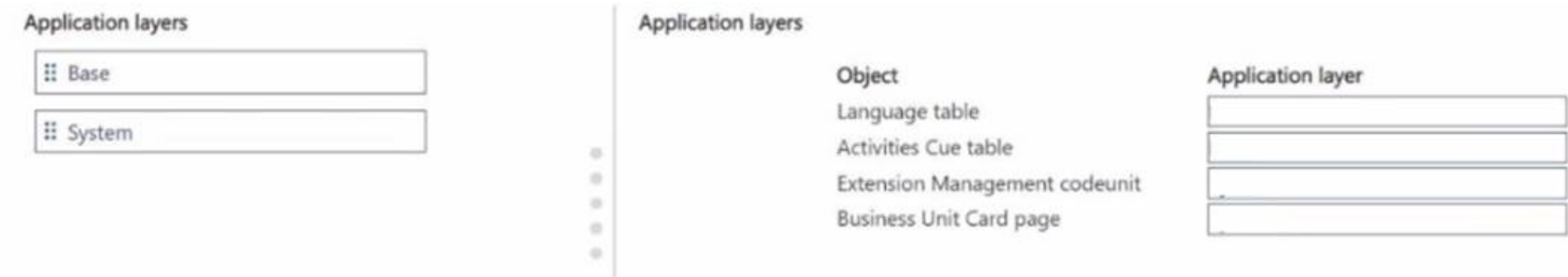
Answer: D

Explanation:

When developing an app for Microsoft AppSource, it is essential to use an object range that is specifically designated by Microsoft to avoid conflicts with other apps and the base application. The correct object range to use is:
? An object range within the range of 70000000 to 74999999 that is requested from Microsoft (D): This range is reserved for AppSource apps. Developers need to request this range from Microsoft to ensure that the objects used in their extension do not conflict with those used by other extensions or by the base application. Using this reserved range helps maintain the integrity and compatibility of extensions published on AppSource.
It's important to note that the other ranges mentioned (A, B, C, and E) are not suitable for apps intended for AppSource. Ranges 50000 to 59999 and 50000 to 99999 are typically reserved for per-tenant customizations or partner solutions, not for distribution on AppSource. The standard range 1 to 49999 is reserved for the base application objects, and using an object range divided by countries (C) is not a standard practice for AppSource apps.

NEW QUESTION 114

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.



- 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 115

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 120

- (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 123

- (Topic 4)

A company plans to meet new regulatory requirements. The regulator has issued new tax tiers.

You need to update the base application table by using a table extension. Which table field property can you change?

- A. CalcFormula
- B. DecimalPlaces
- C. BlankZero
- D. AutoFormatType

Answer: C

Explanation:

When updating the base application table using a table extension in Microsoft Dynamics 365 Business Central, certain properties of table fields can be modified to meet new requirements, such as regulatory changes. The DecimalPlaces property (B) is one such property that can be adjusted in a table extension. This property determines the number of decimal places that are displayed and stored for decimal fields in the table. Adjusting the DecimalPlaces property can be particularly useful when dealing with financial data and tax calculations that require precision to meet new tax tiers set by a regulator. It's important to note that not all properties can be modified in a table extension; for example, the CalcFormula property (A) cannot be changed as it affects how the field's value is calculated, which could have significant implications on the base application's logic.

NEW QUESTION 125

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