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QUESTION 1

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:

1.

 The users receive permission errors related to MyTable.

2.

 Users are no longer able to post sales orders since installing the new app.

3.

 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: Assign a SUPER permission set.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

Assigning a SUPER permission set to all users would indeed resolve the permission errors and access issues reported by the users, as it grants full permissions across all objects and data in Business Central. However, this approach contradicts the principle of least privilege, which advocates for providing only the minimum levels of access necessary for users to perform their jobs. The SUPER permission set would excessively elevate user privileges, potentially leading to security risks and unintended modifications to critical data. Therefore, while assigning the SUPER permission set might technically resolve the immediate issues, it does not meet the goal of adhering to the principle of least privilege and is not a recommended solution.

QUESTION 2

DRAG DROP

You create a codeunit that works with a table named Boxes. You plan to filter the records and then modify them.

You get an error that you do not have permission to work with the Boxes table.
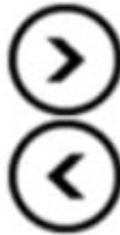
You need to assign the Indirect permissions for the Boxes table to the codeunit.

Which four code blocks should you use in sequence to assign the correct permission? To answer, move the appropriate code blocks from the list of code blocks to the answer area and arrange them in the correct order.
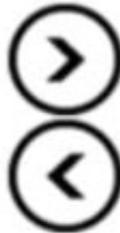
Select and Place:

Code blocks

RMX
"Boxes" =
Table
Permissions =
"Boxes"
RM
rm
TableData

Assigning permissions

Correct Answer:

Code blocks

RMX

"Boxes" =

Table

rm

Assigning permissions

TableData

"Boxes"

Permissions =

RM

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

QUESTION 3

HOTSPOT

You plan to create a table to hold client data.

You have the following data integrity requirements:

1.

Lookups into other records must be established.

2.

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.

Hot Area:

Build tables

Requirement	Table field property
Establish lookups into other records.	▼
	DataClassification
	ExternalAccess
	TableRelation
	ValidateTableRelation
Validate if a record exists.	▼
	CalcFormula
	Access
	AccessByPermission
	ValidateTableRelation

Correct Answer:

Build tables

Requirement	Table field property
Establish lookups into other records.	▼
	DataClassification
	ExternalAccess
	TableRelation
	ValidateTableRelation
Validate if a record exists.	▼
	CalcFormula
	Access
	AccessByPermission
	ValidateTableRelation

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.

QUESTION 4

DRAG DROP

A company is implementing Business Central.

In the per-tenant extension, TableA Header and TableA Line are document tables, and TableB Header and TableB Line are document history tables.

The company requires that the resulting dataset of query objects contain the following records:

1.

All records from TableA Header even if no matching record value exists in the linked TableA Line

2.

Records from TableB Header where a match is found in the linked TableB Line field You need to configure the linked data item to generate the required dataset. Which SqlJoinType should you use? To answer, move the appropriate SqUoinTypes to the correct dataset requirements. You may use each SqlJoinType once, more than once, or not at all. You may need to move the split bar between panes

or scroll to view content.

Select and Place:

SqlJoinTypes

| CrossJoin |
| InnerJoin |
| LeftOuterJoin |
| RightOuterJoin |

Link data items

Dataset requirement	SqlJoinType
Include all records from TableA Header.	
Include only matched records from TableB Header.	

Correct Answer:

SqlJoinTypes

| CrossJoin |
| |
| |
| RightOuterJoin |

Link data items

Dataset requirement	SqlJoinType
Include all records from TableA Header.	LeftOuterJoin
Include only matched records from TableB Header.	InnerJoin

Include all records from TableA Header even if no matching record value exists in the linked TableA Line: LeftOuterJoin

Include only matched records from TableB Header: InnerJoin

In SQL and similarly in Business Central when defining table relationships in query objects, the type of join determines how records from one table are combined with records from another table. Here\'s what each join type means in the

context

of the company\\'s requirements:

LeftOuterJoin:

InnerJoin:

By using these join types, the company can ensure that their dataset includes the appropriate records from the document tables and document history tables according to their specified requirements.

QUESTION 5

HOTSPOT

You need to create the Install codeunit that is required in the extension used for installing or updating the Housekeeping app.

Which data type or declaration should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Data types or declarations for an Install codeunit

Requirement	Data type or declaration
Data type for information	▼
	ModuleDependencyInfo
	ModuleInfo
	SessionInformation
Start of the declaration of the method or procedure to perform the tasks	▼
	global procedure
	local procedure
	procedure

Correct Answer:

Data types or declarations for an Install codeunit

Requirement	Data type or declaration
Data type for information	▼
	ModuleDependencyInfo
	ModuleInfo
	SessionInformation
Start of the declaration of the method or procedure to perform the tasks	▼
	global procedure
	local procedure
	procedure

Box 1: ModuleInfo

Data type for information

ModuleInfo

Represents information about an application consumable from AL.

Scenario: Department-specific requirements. Housekeeping department

The department requires the development of an extension with a new API page named RoomsAPI.

*

The housekeeping team will use RoomsAPI to publish room details, update when work is complete, or provide repair notifications from the canvas app.

*-> This custom API page must expose a custom table named Rooms and have an ID 50000. The table must be able to update from the PMS. The PMS team must know the *endpoint to connect to the custom API*.

Note: Data Types and Methods in AL

The following data types are available as part of the AL Language. Each data type has various methods that support it.

*

ModuleInfo

Represents information about an application consumable from AL.

Incorrect:

*

ModuleDependencyInfo

Provides information about a dependent module.

*

SessionInformation

Is a complex data type for exposing Session information into AL.

Box 2: local procedure Procedure scope To declare a local method, start the declaration with local:

local procedure Mymethod(); To declare a global method, omit local: procedure Mymethod();

Scenario: The code required to perform tasks cannot be accessible from other parts of the application. Reference: https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/methods-auto/library https://learn.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-al-methods

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