



# MB-500<sup>Q&As</sup>

Microsoft Dynamics 365 Finance and Operations Apps Developer

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### QUESTION 1

#### HOTSPOT

A company requires a change to one of the base Microsoft SQL Server Reporting Services (SSRS) reports. The report must include a new field that automatically filters the report based on the user who opens the report.

You need to add the new field as specified.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Requirement	Action
Add the new field to the report.	<input type="checkbox"/> Duplicate the existing report in an extension model. <input type="checkbox"/> Extend the existing report in an extension model. <input type="checkbox"/> Customize the existing report.
Automatically filter based on the user.	<input type="checkbox"/> Use the Controller class. <input type="checkbox"/> Use the ReportDataProvider class.

Correct Answer:

Requirement	Action
Add the new field to the report.	<input checked="" type="checkbox"/> Duplicate the existing report in an extension model. <input type="checkbox"/> Extend the existing report in an extension model. <input type="checkbox"/> Customize the existing report.
Automatically filter based on the user.	<input checked="" type="checkbox"/> Use the Controller class. <input type="checkbox"/> Use the ReportDataProvider class.

Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/customize-app-suite-reports-with-extensions>

<https://community.dynamics.com/ax/b/dynamics101trainingcenterax/posts/developing-a-ssrs-report-using-the-report-data-provider-in-microsoft-dynamics-ax-2012>

### QUESTION 2



## HOTSPOT

You have the following code:

```
[SysEntryPointAttributeRole]
class CashDiscountDP extends SRSReportDataProviderBase
{
    CashDiscountTmp cashDiscountTmp;
    [SRSReportDataSetAttribute(tableStr(CashDiscountTmp))]
    public CashDiscountTmp getCashDiscountTmp()
    {
        select cashDiscountTmp;
        return cashDiscountTmp;
    }
    public boolean processReport()
    {
        ...
    }
}
```

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

Hot Area:

Answer Area	Statement	Yes	No
	You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input type="radio"/>
	The class allows SQL Server Reporting Services to retrieve data for the report.	<input type="radio"/>	<input type="radio"/>
	processReport() has the correct method signature.	<input type="radio"/>	<input type="radio"/>

Correct Answer:



### Answer Area

Statement	Yes	No
You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input checked="" type="radio"/>
The class allows SQL Server Reporting Services to retrieve data for the report.	<input checked="" type="radio"/>	<input type="radio"/>
processReport() has the correct method signature.	<input type="radio"/>	<input checked="" type="radio"/>

Reference: <https://docs.microsoft.com/en-us/dynamicsax-2012/developer/security-privilege-properties>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

### QUESTION 3

You are a Dynamics 365 Finance developer.

You need to ensure that an integration is triggered when a specific process starts.

Which tool should you use to retrieve the status from the Production order?

- A. Batch job
- B. Periodic flow
- C. Business event
- D. Recurring Data Entity export

Correct Answer: C

Business events can be used as triggers from D365FO in Power Automate/MS Flow in an end to end way.

Reference: <https://community.dynamics.com/ax/b/happyd365fo/posts/triggers-using-business-event-in-power-automate-and-microsoft-dynamics-365-finance-and-operations>

### QUESTION 4

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 uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.



You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to true for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

To add new values to an enum, you should extend the enum. Any enum that is marked as Extensible (IsExtensible = true) can be extended.

Note:

There are two ways to extend an enum:

\*

Create a project that has a model reference where you want the new enum extension. Right-click the enum to extend, and then select Create extension.

\*

Right-click the enum to extend, and then select Create extension in new project. You'll be prompted to select the model that the extension enum should be created in.

The enum extension is created in the selected model. You can add new enum values to this extension. Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-enum-value>

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## QUESTION 5

You are a Dynamics 365 Finance developer. You need to create an extension class. Which action should you perform?

A. Mark the class as final.

B. Add the class buffer as the first parameter.

C. Add the suffix .extension to the file name.

D. Mark the class as public.

Correct Answer: A

You first create a new class in the extension model.

There are a few rules for augmentation classes:

They must be final (not public!).



They must be suffixed by \_Extension (not in the file name!)

They must be decorated with the [ExtensionOf()] attribute.

Reference:

<https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-method-table>

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