

# Microsoft

## Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer



**NEW QUESTION 1**

- (Exam Topic 1)  
You need to configure models for the project.  
What are two possible ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Overlay the existing FinanceExt model and populate the solution definition.
- B. Modify the DefaultModelForNewProject setting in the DefaultConfig.xml file and name the model FinanceExt.
- C. Create a new model that extends the existing FinanceExt model.
- D. Extend the existing FinanceExt model and populate the project model definition.

**Answer:** AD

**NEW QUESTION 2**

- (Exam Topic 1)  
You need to configure security for the CashDisc form.  
What changes should you make? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Attributes	Requirement	Attribute
SRSReportParameterAttribute	Identify the class that provides parameters for the report.	
SysOperationDisplayOrderAttribute	Enable contract parameters in the report dialog.	
DataMemberAttribute	Indicate the contract name in the data provider class.	
DataContractAttribute		

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Attributes	Requirement	Attribute
SRSReportParameterAttribute	Identify the class that provides parameters for the report.	DataContractAttribute
SysOperationDisplayOrderAttribute	Enable contract parameters in the report dialog.	DataMemberAttribute
DataMemberAttribute	Indicate the contract name in the data provider class.	SRSReportParameterAttribute
DataContractAttribute		

**NEW QUESTION 3**

- (Exam Topic 1)  
You need to modify the CashDisc form to meet the requirements.  
Which objects should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Account	Action
Accounts Payable Manager	<div><div></div><div>Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.</div></div>
Accounts Payable Clerk	<div><div></div><div>Create a new role for the AP clerk and restrict delete access for the CashDisc form. Create a new duty and add the existing privilege and add duty to the role.</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Account	Action
Accounts Payable Manager	<div><div></div><div>Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.</div></div>
Accounts Payable Clerk	<div><div></div><div>Create a new role for the AP clerk and restrict delete access for the CashDisc form. Create a new duty and add the existing privilege and add duty to the role.</div></div>

NEW QUESTION 4  
- (Exam Topic 1)  
You have the following code:

Account	Action
Accounts Payable Manager	<div><div></div><div>Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.</div></div>
Accounts Payable Clerk	<div><div></div><div>Create a new role for the AP clerk and restrict delete access for the CashDisc form. Create a new duty and add the existing privilege and add duty to the role.</div></div>

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit What should you do?

- A. Add a new case statement in the model of the existing code,
- B. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
- C. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.
- D. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

Answer: B

NEW QUESTION 5  
- (Exam Topic 3)



You have the following code:

Statement	Yes	No
Add the firstonly keyword to the query and choose a field list in the select statement.	<input checked="" type="radio"/>	<input type="radio"/>
Review and configure clustered index table properties.	<input type="radio"/>	<input checked="" type="radio"/>
Review and configure primary index table properties.	<input checked="" type="radio"/>	<input type="radio"/>
Add a column list that includes the RecId field to the query.	<input checked="" type="radio"/>	<input type="radio"/>

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

Requirement	Option
Implement reporting.	<div> <input type="text"/> ▼           <div>             Power Platform             SQL Server Reporting Services             Financial Reporting           </div> </div>
Automatically set the query range based on session context.	<div> <input type="text"/> ▼           <div>             Controller class             ReportDataProvider class             UIBuilder class           </div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Requirement	Option
Implement reporting.	<div> <input type="text"/> ▼           <div> <del>Power Platform</del> SQL Server Reporting Services             Financial Reporting           </div> </div>
Automatically set the query range based on session context.	<div> <input type="text"/> ▼           <div>             Controller class             ReportDataProvider class             UIBuilder class           </div> </div>

#### NEW QUESTION 6

- (Exam Topic 3)

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations. For which scenario should you recommend asynchronous integration?

- A. When products are updated in Finance and Operations, a third-party application that contains the same product information needs to also be updated in near real-time.
- B. A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.
- C. A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.
- D. A manufacturer wants to move production data from an on-premises deployment Dynamics 365 Finance in near real-time.

**Answer:** D

NEW QUESTION 7

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have a form that displays customer records by using a listpage control. You must add related sales total information for the selected customer to the form.

You need to display the required related sales total information. What should you add to the form?

- A. a quick filter
- B. a factbox
- C. an external feed
- D. a title
- E. a custom lookup

Answer: E

NEW QUESTION 8

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You need to deploy a new report in a developer environment.

From which two locations can you deploy the report? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Application Explorer
- B. Package deployment
- C. Solution Explorer
- D. Build Model option
- E. Build project

Answer: BC

NEW QUESTION 9

- (Exam Topic 3)

You are creating a Dynamics 365 Finance report. You cannot query the data for the report directly.

You must include parameters to specify data for the report. You need to create the report.

What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Actions

Open the WhsTmpStatusChange table from the application explorer.

Right-click the project and build the project.

Right-click the project, select Properties, set the Synchronize Database on Build property to **True**, and then select **OK**.

Right-click the WhsTmpStatusChange table in the solution explorer and create an extension.

Right-click WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Open the WhsTmpStatusChange table from the application explorer.

Right-click the project and build the project.

Right-click the project, select Properties, set the Synchronize Database on Build property to **True**, and then select **OK**.

Right-click the WhsTmpStatusChange table in the solution explorer and create an extension.

Right-click WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.

Answer area

Right-click WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.

Right-click the project, select Properties, set the Synchronize Database on Build property to **True**, and then select **OK**.

Right-click the project and build the project.

NEW QUESTION 10

- (Exam Topic 3)

A company has a Dynamics 365 Finance environment. You need to implement indices for new tables.

Which types of indexes should you use? To answer, drag the appropriate types of indexes to the correct requirements. Each type of index may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Actions

Refresh the entity list from the Data management workspace.

Validate data management from the Data management workspace.

Publish the entity.

Generate the correct target field mapping.

In the Data entities list, select Modify target mapping for the custom data entity.

In the Data entities list, select Target fields for the custom data entity.

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Refresh the entity list from the Data management workspace.

Validate data management from the Data management workspace.

Publish the entity.

Generate the correct target field mapping.

In the Data entities list, select Modify target mapping for the custom data entity.

In the Data entities list, select Target fields for the custom data entity.

Answer area

In the Data entities list, select Target fields for the custom data entity.

Publish the entity.

Generate the correct target field mapping.

NEW QUESTION 10

- (Exam Topic 3)

A company uses Dynamics 365 Finance.

You need to implement role-based security for a set of fields in a table.

How should you arrange the security elements? To answer, drag the appropriate security elements to the correct locations. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.  
NOTE: Each correct selection is worth one point.

Table name	Comments
EmplTable	This table stores employee information.
EmplBankAccount	This custom table is used to store bank account information for employees. EmplBankAccount has a foreign key relation to EmplTable.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Element

Integration type

Job type

Process type

Value

Asynchronous

Synchronous

One time job

Recurring job

Real time

Non-real time

these are the selections for the job types

NEW QUESTION 13

- (Exam Topic 3)

You have an enumeration named truckStatus that has the following statuses:

- Empty
- Loaded
- Completed

You have the following code:

Answer Area

Element

Integration type

Job type

Process type

Value

Asynchronous

Synchronous

One time job

Recurring job

Real time

Non-real time

these are the selections for the job types

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.



Actions

Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).

Right-click the form in the Application Object Tree (AOT).

Create an extension of the form in the project.

Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

Answer area

1

2

3

4

>

<

Does the solution meet the goal? Does the solution meet the goal?

- A. Yes.
- B. No

Answer: A

NEW QUESTION 18

- (Exam Topic 3)

You are configuring your developer environment by using Team Explorer. There are several developers working on a customization.

You need to ensure that all code is checked in and then merged to the appropriate branches.

In which order should you perform the actions? To answer, move all actions from the list of action to the answer area and arrange them in the correct order.

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

Actions

Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).

Right-click the form in the Application Object Tree (AOT).

Create an extension of the form in the project.

Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

Answer area

1 Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).

2 Right-click the form in the Application Object Tree (AOT).

3 Create an extension of the form in the project.

4 Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Environment types

User Acceptance Testing (UAT) only

Build only

User Acceptance Testing (UAT) and Build

Answer Area

Tool

Environment type

Activity Monitoring

SQL Insights

System Diagnostics

NEW QUESTION 21

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

The sales department manager must to be able to view total customers by region and total sales by regions. You need to build key performance indicators (KPIs) and display them on a tile in the application.

How should you model the KPI? To answer, drag the appropriate objects to the correct KPI components. Each object may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Environment types

User Acceptance Testing (UAT) only

Build only

User Acceptance Testing (UAT) and Build

Answer Area

Tool

Environment type

Activity Monitoring

SQL Insights

System Diagnostics

User Acceptance Testing (UAT) and Build

User Acceptance Testing (UAT) only

Build only

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Environment type	Tools
Production systems	<ul style="list-style-type: none"> <li>Activity monitoring</li> <li>Environment monitoring</li> <li>SQL insights</li> <li>System diagnostics</li> </ul>
User acceptance testing (UAT)/sandbox	<ul style="list-style-type: none"> <li>Activity monitoring</li> <li>SQL insights</li> <li>System diagnostics</li> </ul>
Demo/build	<ul style="list-style-type: none"> <li>Activity monitoring</li> <li>System diagnostics</li> </ul>

#### NEW QUESTION 26

- (Exam Topic 3)

You have the following class definition:

```
class WebShopOrderValidations
{
    public static void checkQtyValue(int Qty = 0)
    {
        ...
    }
}
```

You need to create an extension class and create a new static method in it that converts miles to kilometers and then call the method from another class.

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

NOTE: Each correct selection is worth one point.

[ExtensionOf(classStr(WebShopOrderValidations))]

final class WebShopOrdVal_Extension
final class WebShopOrderValidations_MyExtension
static class WebShopOrderValidationsMy_Extension
class WebShopOrderValidations_Extension

```
{
    public static void checkQtyValue(int Qty)
    public void checkQtyValue(int Qty)
    public static int checkQtyValue(int Qty)
    public static void checkQtyValue(int Qty = 0)
{
    next checkQtyValue(Qty);
    if (Qty < 5)
    {
        throw error("Quantity cannot be smaller than 5");
    }
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



```
[ExtensionOf(classStr(WebShopOrderValidations))]  
  
final class WebShopOrdVal_Extension  
final class WebShopOrderValidations_MyExtension  
static class WebShopOrderValidationsMy_Extension  
class WebShopOrderValidations_Extension  
  
{  
    public static void checkQtyValue(int Qty)  
    public void checkQtyValue(int Qty)  
    public static int checkQtyValue(int Qty)  
    public static void checkQtyValue(int Qty = 0)  
  
    {  
        next checkQtyValue(Qty);  
        if (Qty < 5)  
        {  
            throw error("Quantity cannot be smaller than 5");  
        }  
    }  
}
```

**NEW QUESTION 29**

- (Exam Topic 3)  
 You are a Dynamics 365 Finance developer.  
 You have a table named FMVehicle that contains a field named VehicleId. The table has a clustered index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.  
 You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.  
 Which embedded-SQL statement should you use?

- A. select vehicle order by VehicleIdIdx desc;
- B. select vehicl
- C. index VehicleId;
- D. select vehicle order by VehicleId;
- E. select vehicle order VehicleId desc;

Answer: B

**NEW QUESTION 30**

- (Exam Topic 3)  
 You have a Dynamic 365 Finance environment.  
 You have the following code: (Line number are included for reference only.)

Patterns

dual-write

batch data integration

custom service

Answer Area

Application

Dynamics 365 Customer Service app

e-commerce website

on-premises mainframe system

Pattern

dual-write

custom service

batch data integration

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

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
    case TruckStatus::Quarantine
    case TruckStatus::InTransit
        Info("Extended");
        break;
}
```

### NEW QUESTION 33

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You have a solution that records product weights. You must store up to four decimals of precision by using a standard Extended Data Type (EDT). You need to add the field in a new table. Which EDT should you extend?

- A. Weight
- B. MarkupValue
- C. WeightBase
- D. AmountMST

**Answer:** A

### NEW QUESTION 37

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You create a class.

You need to mark the class to ensure that when code is compiled, the process fails if a specific method is called in the source code.

Which attribute should you use?

- A. SysObsoleteAttribute
- B. getAttributes
- C. SysEntryPointAttribute
- D. SysAttribute

**Answer:** A

### NEW QUESTION 42

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