

# Microsoft

## Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer



**NEW QUESTION 1**

- (Exam Topic 1)

You need to update the CashDic report to meet the requirements. What should you do?

- A. Customize the existing CashDisc report in the overlaying model and add the new field to the design.
- B. Extend the existing CashDisc report in the extension model and add the new field to the design.
- C. Duplicate the existing CashDisc report in the extension model and add the new field to the design.
- D. Delete the existing CashDisc report in the extension model and create a new report.

**Answer:** A

**NEW QUESTION 2**

- (Exam Topic 3)

You have the following code:

Statement	Yes	No
Add the firstly 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 Reclid 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 style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">▼</div> <div style="padding: 2px;">Power Platform</div> <div style="padding: 2px;">SQL Server Reporting Services</div> <div style="padding: 2px;">Financial Reporting</div> </div>
Automatically set the query range based on session context.	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">▼</div> <div style="padding: 2px;">Controller class</div> <div style="padding: 2px;">ReportDataProvider class</div> <div style="padding: 2px;">UIBuilder class</div> </div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Requirement	Option
Implement reporting.	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">▼</div> <div style="padding: 2px;">Power Platform</div> <div style="border: 2px solid red; padding: 2px;">SQL Server Reporting Services</div> <div style="padding: 2px;">Financial Reporting</div> </div>
Automatically set the query range based on session context.	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 2px;">▼</div> <div style="border: 2px solid red; padding: 2px;">Controller class</div> <div style="padding: 2px;">ReportDataProvider class</div> <div style="padding: 2px;">UIBuilder class</div> </div>

**NEW QUESTION 3**

- (Exam Topic 3)

A company uses Dynamics 365 Supply Chain Management. You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy 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.

**Strategies**

OData endpoint

batch data API

custom service

Excel integration

**Answer Area**

**Scenario**

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

**Strategy**

Strategy

Strategy

Strategy

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Actions**

Add the package to source control and check in changes.

Build and create a deployment package.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Import the model into the Build environment.

Import the model into a QA environment.

Import the deployment package in another development environment.

**Answer Area**

**NEW QUESTION 4**

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You have the following code: (Line numbers are created for reference only.)

**Actions**

- Add the package to source control and check in changes.
- Build and create a deployment package.
- Import the model into a Development environment.
- Synchronize the models in the Developer environment by using **Get latest** feature.
- Import the model into the Build environment.
- Import the model into a QA environment.
- Import the deployment package in another development environment.

**Answer Area**

- Add the package to source control and check in changes.
- Import the model into a Development environment.
- Synchronize the models in the Developer environment by using **Get latest** feature.
- Build and create a deployment package.

Which values does the info() method return? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

**Objects to create**

- existing model
- new model
- deployable package
- package
- model file
- project

**Action**

- Create a new deployable unit.
- Object to add.
- Create, manage, and group elements.
- Distribute the solution to customers.

**Object to create**

- 
- 
- 
- 

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

**Objects to create**

- existing model
- new model
- deployable package
- package
- model file
- project

**Action**

- Create a new deployable unit.
- Object to add.
- Create, manage, and group elements.
- Distribute the solution to customers.

**Object to create**

- package
- new model
- project
- deployable package

**NEW QUESTION 5**

- (Exam Topic 3)

You have a Dynamics 365 Finance development environment.

You must add default filters to the fleet management form. You must view only sales that occur in the current sales period and where the Customer name field contains the text Wholesales

You need to configure filtering.

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

Element	Option
Element to add to project	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">Table extension</div> <div style="border-bottom: 1px solid black; padding: 2px;">Data Entity</div> <div style="border-bottom: 1px solid black; padding: 2px;">View</div> <div style="padding: 2px;">Query</div> </div>
Key type to create	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">Unique key</div> <div style="padding: 2px;">Foreign key</div> </div>
Action to perform	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">Build the project.</div> <div style="border-bottom: 1px solid black; padding: 2px;">Build and synchronize the database.</div> <div style="padding: 2px;">Build the solution.</div> </div>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Element	Option
Element to add to project	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">Table extension</div> <div style="border-bottom: 1px solid black; padding: 2px;">Data Entity</div> <div style="border-bottom: 1px solid black; padding: 2px;">View</div> <div style="padding: 2px;">Query</div> </div>
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Action to perform	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; height: 20px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; padding: 2px;">Build the project.</div> <div style="border-bottom: 1px solid black; padding: 2px;">Build and synchronize the database.</div> <div style="padding: 2px;">Build the solution.</div> </div>

**NEW QUESTION 6**

- (Exam Topic 3)

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.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Simple List pattern. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 7**

- (Exam Topic 3)

A company plans to deploy Dynamics 365 Finance.

You need to recommend deployment options for the company.

What should you recommend? To answer, drag the appropriate deployment options of the correct application requirement. Each deployment option 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.

How should you prepare the package?

- Export the Visual Studio project as an .axpp file.
- Build the code in a DevOps pipeline.
- Export the Visual Studio solution as a file.

In which section of the Lifecycle Services (LCS) should you store the package?

- Work items
- Solution management
- Asset library

How should you install the customization?

- Select Maintain and then Apply updates.
- Select Maintain and then Upgrade.
- Select LCS project and then Business process modeler.
- Select LCS project and then Code upgrade.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**Deployment types**

- cloud only
- on-premises only
- cloud or on-premises

**Answer Area**

**Requirement**

- Export data to your own data warehouse.
- Configure SharePoint integration.
- Implement Lifecycle services.
- Implement Task Recorder.

**Deployment type**

- cloud or on-premises
- cloud or on-premises
- on-premises only
- cloud only

**NEW QUESTION 8**

- (Exam Topic 3)

You are creating entities that will have unmapped fields. You need determine which type of unmapped field to use.

Which field types should you use? To answer, drag the appropriate field types to the correct requirements. Each field type 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.

**Answer Area**

**Integration types**

- synchronous
- asynchronous

**Requirement**

- Request information about product availability from a web page to calculate the extended price.
- Periodically update a reporting database.
- Edit data in Microsoft Excel by using the Excel Data Connector add-in.
- Import a credit card data file once each day.

**Integration type**

- 
- 
- 
- 

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Integration types

- synchronous
- asynchronous

Requirement

- Request information about product availability from a web page to calculate the extended price.
- Periodically update a reporting database.
- Edit data in Microsoft Excel by using the Excel Data Connector add-in.
- Import a credit card data file once each day.

Integration type

- synchronous
- asynchronous
- synchronous
- asynchronous

NEW QUESTION 9

- (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 10**

- (Exam Topic 3)

You have a Dynamic 365 Finance environment.

You have the following code: (Line number are included for reference only.)

Patterns	Answer Area	Application	Pattern
<div style="border: 1px dashed green; padding: 2px; display: inline-block;">dual-write</div> <div style="border: 1px dashed green; padding: 2px; display: inline-block; margin-left: 10px;">custom service</div>		Dynamics 365 Customer Service app	<div style="border: 1px dashed red; padding: 2px; display: inline-block;">dual-write</div>
<div style="border: 1px dashed green; padding: 2px; display: inline-block;">batch data integration</div>		e-commerce website	<div style="border: 1px dashed red; padding: 2px; display: inline-block;">custom service</div>
		on-premises mainframe system	<div style="border: 1px dashed red; padding: 2px; display: inline-block;">batch data integration</div>

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 10**

- (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 14**

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have the following code: (Line numbers are included for reference only.)

```
public int calc(int _value)
{
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
```

You need to evaluate the code.

What is the correct output for the method? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

```
public int calc(int _value)
{
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
```

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

```
public int calc(int _value)
{
    int ret = next calc(_value);
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
```

**NEW QUESTION 19**

- (Exam Topic 3)

A company uses Dynamics 365 Finance.

Client companies require weekly updates for service performed. You create custom data entity by using the Data Entity wizard.

You need to expose a list of service to external business companies.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of the action to the answer area and arrange them in the correct order.

```
public int calc(int _value)
{
    int ret;
    if (_value <= 10)
    {
        ret = next calc(_value);
    }
    return ret;
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Strategies	Scenario	Strategy
<input type="checkbox"/> OData endpoint	Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.	<input type="text"/>
<input type="checkbox"/> batch data API	Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.	<input type="text"/>
<input type="checkbox"/> custom service		
<input type="checkbox"/> Excel integration	Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	<input type="text"/>

NEW QUESTION 22

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