

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 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

	▼
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.	

Accounts Payable Clerk

	▼
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.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Account

Action

Accounts Payable Manager

	▼
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.	

Accounts Payable Clerk

	▼
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.	

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 have an enumeration named truckStatus that has the following statuses:

- Empty
- Loaded
- Completed

You have the following code:

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

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 new case statement in the model of the existing code.

Answer Area

Integration strategies	Requirement	Integration strategy
<div>synchronous</div>	Export the vendor list for Power BI reporting.	<div>asynchronous</div>
<div>asynchronous</div>	Implement web portal products integration.	<div>synchronous</div>
	Update worker compensation details.	<div>synchronous</div>
	Import payroll journals.	<div>asynchronous</div>

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 5

- (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 6

- (Exam Topic 3)
You are Dynamics 365 Finance developer.
You need to initialize an embedded Microsoft Power BI report.
Which code segment should you add to the form initialization method?

- A. addReportControl(formGroupControl)
- B. initializeReportControlInternal(powerBIConfiguration, reportparameters, reportControl, showError)
- C. InitializeReportControl(workspaceName, Formgroup)
- D. deployorUpdateReport(powerBIConfiguration, reportName, resourceName)

Answer: A

NEW QUESTION 7

- (Exam Topic 3)
You are using the SysTest framework to test code in Visual Studio. You need to create a unit test class.
Which three attributes can you use to create the class? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Test Property
- B. EntryPoint

- C. Owner
- D. Priority
- E. TestFilter

Answer: ACE

NEW QUESTION 8

- (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 9

- (Exam Topic 3)

You are creating a new form in Visual Studio.

You need to apply the Simple List pattern and apply the pattern to a form.

What are the two possible ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Use the Application Object Tree (AOT).
- B. Use the designer.
- C. Use form statistics.
- D. Use metadata properties.

Answer: AB

NEW QUESTION 10

- (Exam Topic 3)

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

- A. Add the class buffer as the first parameter.
- B. Mark the class as final.
- C. Mark the class as public.
- D. Mark the class as protected.

Answer: A

NEW QUESTION 10

- (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	Value
Integration type	Asynchronous Synchronous
Job type	One time job Recurring job
Process type	Real time Non-real time

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 14

- (Exam Topic 3)

You are Dynamics 365 Finance developer.

You need to explain the performance advantages of the different concurrency models.

What are three performance advantages of optimistic concurrency control over pessimistic concurrency control? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. One record cannot be selected for update by two different processes at the same time.
- B. Records are locked as soon as they are retrieved from the database.
- C. Records are locked for a shorter length of time.
- D. Fewer resources are used to lock records during updates.
- E. Records remain available for other processes while they are selected from the database.

Answer: BCD

NEW QUESTION 19

- (Exam Topic 3)

You need to prepare to deploy a software deployable package to a test environment. 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. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the as
- B. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.
- C. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- D. In Visual Studio, export the project and upload the project to the asset library.

Answer: BD

NEW QUESTION 23

- (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 28

- (Exam Topic 3)

You are a Dynamics 365 finance developer. You need to monitor system performance.

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

Name	Comments
Development	Visual Studio workspace is configured and connected to an Azure DevOps branch.
Build	A Build pipeline is configured.
Standard Acceptance Test	This is a sandbox environment for testing customizations.

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

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.

NEW QUESTION 31

- (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

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 34

- (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.

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:

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 36

- (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 40

- (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

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 42

- (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 43

- (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 44

- (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 47

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