

Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

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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 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 4

- (Exam Topic 2)

You need to implement the migration requirements.

Which two options can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a data entity and a Data management import job
- B. a data entity and Entity store
- C. a data entity and bring your own database (BYOD)
- D. a public data entity and the Excel add-in

Answer: BC

NEW QUESTION 5

- (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 6

- (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	Strategy
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.	Strategy
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.	Strategy
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

- 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 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 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
synchronous		Export the vendor list for Power BI reporting.	asynchronous
asynchronous		Implement web portal products integration.	synchronous
		Update worker compensation details.	synchronous
		Import payroll journals.	asynchronous

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 9

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) in a development environment. You need to display the KPI. What should you do?

- A. Add the KPI to an existing form.
- B. Create a tile and add the KPI to the tile.
- C. Create a new workspace and add the KPI to the workspace.

Answer: C

NEW QUESTION 10

- (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 10

- (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 15

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have a report in an existing model that connects with the following objects: In-memory table

Data provider class Controller class Contract class

The report is locked for modifications.

You need to create an extension of the in-memory table in a model and you add the new field to the extension. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

```
[ExtensionOf(TableStr(WHSTmpStatusChange))]
[ExtensionOf(ClassStr(WHSTmpStatusChange))]

class newWHSTmpStatusChange_Table_Extension

final
public

{
    public void insert()
    {
        EcoResProduct ecoResProduct;
        EcoResProductTranslation ecoResProductT;
        InventSum inventSum;
        select firstly InventBatchId from inventSum
        where inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId
        && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;

        select firstly Name from ecoResProductT
        where EcoResProductT.LanguageId == CompanyInfo::languageId()
        join EcoResProduct
        where EcoResProduct.RecId == EcoResProductT.Product
        && EcoResProduct.displayproductnumber == this.ItemId;

        this.newEcoResProductName = ecoResProductT.Name;

        next insert();
        next public void insert()
        Insert();

        this.newInventBatchId = InventSum.InventBatchId;
        this.newInventBatchId = InventSum.InventSiteId;
        InventSum.InventBatchId = this.newInventBatchId;
    }
}
```

- Explanation:**

Answer Area

[ExtensionOf(TableStr(WHSTmpStatusChange))]

[ExtensionOf(ClassStr(WHSTmpStatusChange))]

class newWHSTmpStatusChange_Table_Extension

final

public

{
 public void insert()
 {
 EcoResProduct ecoResProduct;
 EcoResProductTranslation ecoResProductT;
 InventSum inventSum;
 select firstonly InventBatchId from inventSum
 where inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId
 && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;

 select firstonly Name from ecoResProductT
 where EcoResProductT.LanguageId == CompanyInfo::languageId()
 join EcoResProduct
 where EcoResProduct.RecId == EcoResProductT.Product
 && EcoResProduct.displayproductnumber == this.ItemId;

 this.newEcoResProductName = ecoResProductT.Name;

 next insert();
 next public void insert()
 Insert();

 this.newInventBatchId = InventSum.InventBatchId;
 this.newInventBatchId = InventSum.InventSiteId;
 InventSum.InventBatchId = this.newInventBatchId;

 }
}

NEW QUESTION 19

- (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

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

Publish the entity.

Generate the correct target field mapping.

- 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 20

- (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 25

- (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

Activity Monitoring

SQL Insights

System Diagnostics

Environment type

User Acceptance Testing (UAT) and Build

User Acceptance Testing (UAT) only

Build only

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Environment type

Production systems

User acceptance testing (UAT)/sandbox

Demo/build

Tools

Activity monitoring

Environment monitoring

SQL insights

System diagnostics

Activity monitoring

SQL insights

System diagnostics

Activity monitoring

System diagnostics

NEW QUESTION 27

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You have a virtual machine that includes Visual Studio. You need to display the elements by model. What should you do?

- A. Select Metadata Search from the Dynamics 365 menu.
- B. Select Model Management from the menu and then select View all package dependencies
- C. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- D. Select Model Management from the menu and then select Refresh Models.

Answer: A

NEW QUESTION 30

- (Exam Topic 3)

You are working with extended data types in Visual Studio.

You need to create an extension of an Extended Data Types (EDT) that is derived from base data types. Which three properties can be modified? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Label
- B. String size
- C. Alignment
- D. IsExtensible
- E. Form help

Answer: BCE

NEW QUESTION 35

- (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	Requirement	Integration type
<div>synchronous</div>	Request information about product availability from a web page to calculate the extended price.	<div></div>
<div>asynchronous</div>	Periodically update a reporting database.	<div></div>
	Edit data in Microsoft Excel by using the Excel Data Connector add-in.	<div></div>
	Import a credit card data file once each day.	<div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Integration types	Requirement	Integration type
<div>synchronous</div>	Request information about product availability from a web page to calculate the extended price.	<div>synchronous</div>
<div>asynchronous</div>	Periodically update a reporting database.	<div>asynchronous</div>
	Edit data in Microsoft Excel by using the Excel Data Connector add-in.	<div>synchronous</div>
	Import a credit card data file once each day.	<div>asynchronous</div>

NEW QUESTION 37

- (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 38

- (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 40

- (Exam Topic 3)
A company has an extension that makes changes to a base form. You need to identify all extension changes made to the base form. 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. Right-click the base form and select view references
- B. In search bar on the form extension element, enter the text e:
- C. In the search bar on the base form, enter the text e:.
- D. In the search bar on the form extension element, enter the text c:
- E. In the search bar on the base form, enter the text c:.

Answer: DE

NEW QUESTION 45

- (Exam Topic 3)
You are a Dynamics 365 Finance developer. Users are experiencing slower load times for the All Customers form. You need to update caching for CustTable to improve data retrieval times. How should you configure CacheLookup properties? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Strategies	Scenario	Strategy
<div>OData endpoint</div>	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.	<div>custom service</div>
<div>batch data API</div>	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.	<div>batch data API</div>
<div>custom service</div>		
<div>Excel integration</div>	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.	<div>OData endpoint</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
[ExtensionOf(classStr(SalesLineType))]  
final class mySalesLineType_myExtension  
{  
    public int extensionMethodDayOfWeek()  
    {  
        return dayofwk(systemDateGet());  
    }  
}
```

NEW QUESTION 46

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