

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 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 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 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 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 6

- (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 7

- (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 8

- (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 9

- (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 10

- (Exam Topic 3)

You are developing a customization for Dynamics 365 Finance.

The customization must extend objects from the Application Foundation package. You need to create and configure a new model for the customization.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a new model that builds into its own separate assembly.
- B. Reference the Application Foundation package when creating the extension model.
- C. Create a new model that is part of an existing package.
- D. Assign the model to the USR layer.
- E. Create an extension class that references the Application Foundation.

Answer: CD

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	Answer area
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.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer area
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.	

NEW QUESTION 11

- (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 13

- (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.

Answer Area

Environment types

- User Acceptance Testing (UAT) only
- Build only
- User Acceptance Testing (UAT) and Build

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

NEW QUESTION 17

- (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 19

- (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 Details Master pattern. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 20

- (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 25

- (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 27

- (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 Dynamics 365 Finance developer.

You need to use the Extensible Data Security (XDS) framework to restrict access to the data in the Sales table from based on the customer group and the role of the user.

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

Application	Scenario	Real-time data required
Dynamics 365 Customer Service app	Sales representatives must be able to change the credit limit for customers by using the app.	Yes
e-commerce website	Customers use the website to request information about product availability.	Yes
on-premises mainframe system	The system generates sales orders. The sales orders must be imported daily into Dynamics 365 Finance.	No

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Patterns		Answer Area	Application	Pattern
dual-write	custom service		Dynamics 365 Customer Service app	
batch data integration			e-commerce website	
			on-premises mainframe system	

NEW QUESTION 32

- (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
dual-write	custom service		Dynamics 365 Customer Service app	dual-write
batch data integration			e-commerce website	custom service
			on-premises mainframe system	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)

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 Operational Workspaces pattern. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 34

- (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 38

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