



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 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 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 style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 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: 2px;"> <div style="border-bottom: 1px solid black; padding: 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: 2px;"> <div style="border-bottom: 1px solid black; padding: 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: 2px;"> <div style="border-bottom: 1px solid black; padding: 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 4

- (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 5

- (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 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 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>
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>
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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

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.

- 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 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

- 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.

In the Data entities list, select Modify target mapping 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.	In the Data entities list, select Target fields for the custom data entity.
Validate data management from the Data management workspace.	
Publish the entity.	Publish the entity.
Generate the correct target field mapping.	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 12

- (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 15

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

These are the selections for the job type.

NEW QUESTION 18

- (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)

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Created by
- B. Table group
- C. Configuration key

D. Clustered index

Answer: C

NEW QUESTION 27

- (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	Tool	Environment type
User Acceptance Testing (UAT) only	Activity Monitoring	User Acceptance Testing (UAT) and Build
Build only	SQL Insights	User Acceptance Testing (UAT) only
User Acceptance Testing (UAT) and Build	System Diagnostics	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 29

- (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 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 35

- (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 37

- (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 vehicle
- C. index VehicleId;
- D. select vehicle order by VehicleId;
- E. select vehicle order VehicleId desc;

Answer: B

NEW QUESTION 42

- (Exam Topic 3)

You have a Dynamics 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 47

- (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 48

- (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 51

- (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
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"/>
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"/>
custom service	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"/>
Excel integration		

NEW QUESTION 52

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