

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 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 3

- (Exam Topic 3)

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

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

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.

Objects to create	Action	Object to create
existing model	Create a new deployable unit.	
new model	Object to add.	
deployable package	Create, manage, and group elements.	
package	Distribute the solution to customers.	
model file		
project		

- 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 4

- (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 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

Table extension

Data Entity

View

Query

Key type to create

Unique key

Foreign key

Action to perform

Build the project.

Build and synchronize the database.

Build the solution.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Element	Option
Element to add to project	<div><div></div><div>Table extension</div><div>Data Entity</div><div>View</div><div>Query</div></div>
Key type to create	<div><div></div><div>Unique key</div><div>Foreign key</div></div>
Action to perform	<div><div></div><div>Build the project.</div><div>Build and synchronize the database.</div><div>Build the solution.</div></div>

NEW QUESTION 6

- (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	Answer area
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.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer area
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.	

NEW QUESTION 7

- (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.

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;

}

}

- A. Mastered
- B. Not Mastered

Answer: A

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 8

- (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 9

- (Exam Topic 3)

You are Dynamics 36S 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 10

- (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 10

- (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 11

- (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	Tools
Production systems	<ul style="list-style-type: none">Activity monitoringEnvironment monitoringSQL insightsSystem diagnostics
User acceptance testing (UAT)/sandbox	<ul style="list-style-type: none">Activity monitoringSQL insightsSystem diagnostics
Demo/build	<ul style="list-style-type: none">Activity monitoringSystem diagnostics

NEW QUESTION 16

- (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 19

- (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>asynchronous</div>	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.	

- 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 23

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

Answer: B

NEW QUESTION 27

- (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 32

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

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

```
1 public int calc(int _value)
2 {
3     if (_value > 10)
4     {
5         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.

```
1 public int calc(int _value)
2 {
3     if (_value > 10)
4     {
5         throw error('The value cannot be greater than 10.');
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
1 public int calc(int _value)
2 {
3     int ret = next calc(_value);
4     if (_value > 10)
5     {
6         throw error('The value cannot be greater than 10.');
```

NEW QUESTION 35

- (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 40

- (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.

```
1 public int calc(int _value)
2 {
3     int ret;
4     if (_value <= 10)
5     {
6         ret = next calc(_value);
7     }
8     return ret;
9 }
```

- 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.	
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.	
custom service		
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.	

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
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.	custom service
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.	batch data API
custom service		
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.	OData endpoint

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 48

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