Microsoft

Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

NEW QUESTION 1
- (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 2
- (Exam Topic 1)
You have the following code:

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.

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit What should you do?

A. Add a new case statement in the model of the existing code,
B. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
C. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.
D. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

Answer: B

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 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 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	Object to create
Create a new deployable unit.	
Object to add.	
Create, manage, and group elements.	
Distribute the solution to customers.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Objects to create

| existing model |
| new model |
| deployable package |
| package |
| model file |
| project |

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

NEW QUESTION 6
- (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 7
- (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

| synchronous |
| asynchronous |

Requirement	Integration strategy
Export the vendor list for Power BI reporting.	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 8
- (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 9
- (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 WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.
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 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.	Right-click the project and build the project.

NEW QUESTION 10
- (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 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.

In the Data entities list, select Target fields for the custom data entity.
Publish the entity.
Generate the correct target field mapping.

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:

NEW QUESTION 19
- (Exam Topic 3)
You have an enumeration named truckStatus that has the following statuses:
• Empty
• Loaded
• Completed
You have the following code:

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.

Does the solution meet the goal? Does the solution meet the goal?

A. Yes.
B. No

Answer: A

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	Activity monitoring
	Environment monitoring
	SQL insights
	System diagnostics
User acceptance testing (UAT)/sandbox	Activity monitoring
	SQL insights
	System diagnostics
Demo/build	Activity monitoring
	System diagnostics

NEW QUESTION 32
- (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 35
- (Exam Topic 3)
Note: This question is part of a scries 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 40
- (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 42
- (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 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 46
- (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 49
- (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.

Answer Area

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	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
Excel integration		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 52
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