



Microsoft

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 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 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 | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <p>Duplicate the role and modify the existing privilege entry point access.</p> <p>Create a new duty and privilege and add both to the role.</p> <p>Run the security tool and validate access for the role.</p> </div> |
| Accounts Payable Clerk | <div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <p>Create a new role for the AP clerk and restrict delete access for the CashDisc form.</p> <p>Create a new duty and add the existing privilege and add duty to the role.</p> </div> |

- 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 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.

| | |
|-------------------------------|---|
| | ▼ |
| Power Platform | |
| SQL Server Reporting Services | |
| Financial Reporting | |

Automatically set the query range based on session context.

| | |
|--------------------------|---|
| | ▼ |
| Controller class | |
| ReportDataProvider class | |
| UIBuilder class | |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Requirement

Option

Implement reporting.

| | |
|-------------------------------|---|
| | ▼ |
| Power Platform | |
| SQL Server Reporting Services | |
| Financial Reporting | |

Automatically set the query range based on session context.

| | |
|--------------------------|---|
| | ▼ |
| Controller class | |
| ReportDataProvider class | |
| UIBuilder class | |

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

- 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 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

Export the vendor list for Power BI reporting.

Implement web portal products integration.

Update worker compensation details.

Import payroll journals.

Integration strategy

asynchronous

synchronous

synchronous

asynchronous

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 8

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You need to deploy a new report in a developer environment.

From which two locations can you deploy the report? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Application Explorer
- B. Package deployment
- C. Solution Explorer
- D. Build Model option
- E. Build project

Answer: BC

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 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 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 13

- (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 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 17

- (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 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;
```

```
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

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

class new WHSTmpStatusChange_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 20

- (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 21

- (Exam Topic 3)

You have an enumeration named truckStatus that has the following statuses:

- Empty
- Loaded
- Completed

You have the following code:

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.

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.

Actions

- Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).
- Right-click the form in the Application Object Tree (AOT).
- Create an extension of the form in the project.
- Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

Answer area

- 1
- 2
- 3
- 4



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

- A. Yes.
- B. No

Answer: A

NEW QUESTION 26

- (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 28

- (Exam Topic 3)

You are configuring your developer environment by using Team Explorer. There are several developers working on a customization.

You need to ensure that all code is checked in and then merged to the appropriate branches.

In which order should you perform the actions? To answer, move all actions from the list of action to the answer area and arrange them in the correct order.

NOTE: More than one order of answer is correct. You will receive credit for any of the correct orders you select.

Actions

- Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).
- Right-click the form in the Application Object Tree (AOT).
- Create an extension of the form in the project.
- Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

Answer area

- 1 Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).
- 2 Right-click the form in the Application Object Tree (AOT).
- 3 Create an extension of the form in the project.
- 4 Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

| Environment types | | Answer Area | |
|---|--|---------------------|------------------|
| | | Tool | Environment type |
| User Acceptance Testing (UAT) only | | Activity Monitoring | |
| Build only | | SQL Insights | |
| User Acceptance Testing (UAT) and Build | | System Diagnostics | |

NEW QUESTION 31

- (Exam Topic 3)

You are a Dynamics 365 finance developer. You need to monitor system performance.

Which tools should you use? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

| Name | Comments |
|--------------------------|--|
| Development | Visual Studio workspace is configured and connected to an Azure DevOps branch. |
| Build | A Build pipeline is configured. |
| Standard Acceptance Test | This is a sandbox environment for testing customizations. |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

How should you prepare the package?

- Export the Visual Studio project as an .axpp file.
- Build the code in a DevOps pipeline.
- Export the Visual Studio solution as a file.

In which section of the Lifecycle Services (LCS) should you store the package?

- Work items
- Solution management
- Asset library

How should you install the customization?

- Select Maintain and then Apply updates.
- Select Maintain and then Upgrade.
- Select LCS project and then Business process modeler.
- Select LCS project and then Code upgrade.

NEW QUESTION 33

- (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 37

- (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 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 45

- (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 |
|--|-------------|---|--|
| <div style="border: 1px dashed green; padding: 2px; display: inline-block; margin-right: 10px;">dual-write</div> <div style="border: 1px dashed green; padding: 2px; display: inline-block; margin-right: 10px;">custom service</div> <div style="border: 1px dashed green; padding: 2px; display: inline-block; margin-right: 10px;">batch data integration</div> | | Dynamics 365 Customer Service app e-commerce website on-premises mainframe system | <div style="border: 1px dashed red; padding: 2px; display: inline-block; margin-right: 10px;">dual-write</div> <div style="border: 1px dashed red; padding: 2px; display: inline-block; margin-right: 10px;">custom service</div> <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 49

- (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 51

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