

## Microsoft.MB-500.v2022-11-11.q106

<b>Exam Code:</b>	MB-500
<b>Exam Name:</b>	Microsoft Dynamics 365: Finance and Operations Apps Developer
<b>Certification Provider:</b>	Microsoft
<b>Free Question Number:</b>	106
<b>Version:</b>	v2022-11-11
<b># of views:</b>	2250
<b># of Questions views:</b>	1060
<a href="https://www.exam-tests.com/MB-500-exam/Microsoft.MB-500.v2022-11-11.q106.html">https://www.exam-tests.com/MB-500-exam/Microsoft.MB-500.v2022-11-11.q106.html</a>	

### NEW QUESTION: 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:**

### NEW QUESTION: 2

You have the following code:

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: Yes

Add 1 to a date adds one day.

Box 2: No

You cannot do a real2int conversion on a Date.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/types-of-fields>

### NEW QUESTION: 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:**

**NEW QUESTION: 4**

You have the following code:

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/security-privilege-properties>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

**NEW QUESTION: 5**

You need to create the new table for the vendor exclusion list.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

**NEW QUESTION: 6**

A company uses Dynamics 365 Unified Operations.

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.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/role-based-security>

**NEW QUESTION: 7**

An organization has two million customers that are part of the International customer group.

Validation must occur when customer records are updated. For all customers where the value of the customer group field is international, you must the delivery mode to Air.

You need to update the customer records.

Which two segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

**A.** Option A

**B.** Option B

- C. Option C
- D. Option D
- E. Option E

**Answer: A,E (LEAVE A REPLY)**

Reference:

<https://community.dynamics.com/ax/b/technicaltutorialsformsdynamicsax2012/posts/update-and-update-recordset-code-sample-in-ax-2012>

### **NEW QUESTION: 8**

You need to implement the payroll application data process.

Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a data contract class that uses the DataContractAttribute attribute
- B. a service class that has a public method which accepts a single parameter for a contract
- C. a class that extends SysOperationServiceBase
- D. an UIBuilder class that extends SysOperationAutomaticUIBuilder

**Answer: A,C (LEAVE A REPLY)**

Scenario: You must develop a process to import payroll journals into the system.

A: Data Contract: Data contract class is the model class defining attributes needed for batch operations.

These attributes are provided by the user, in a dialog. DataContractAttribute attribute is needed for the class and the properties methods requires DataMemberAttribute attribute.

C: Service: Service class extends from the SysOperationServiceBase class and contains the business logic for the batch operation. Developers often tend to add the business logic in controller classes, which violates the Single responsibility principle.

Incorrect Answers:

D: UI Builder: UI Builder class extends from SysOperationAutomaticUIBuilder class and is used for adding custom behavior to dialog / dialog fields dynamically constructed by the SysOperation framework.

Reference:

<http://daxingwitheshant.blogspot.com/2018/06/sysoperation-framework.html>

### **NEW QUESTION: 9**

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: A,B,E (LEAVE A REPLY)**

## Explanation

String size can be defined only on root EDTs. The system will use the largest value that is defined across the EDT and its extensions.

Labels and Help text properties can be changed by an extension, but only one value can remain.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-edts>

## NEW QUESTION: 10

You are a Dynamics 365 Finance developer.

You must extend the validate method of the SalesLine table by using Chain of Command. The value of a variable named SalesPrice must be greater than or equal to zero when adding new lines.

You need to create an extension class.

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Option A

B. Option B

C. Option C

D. Option D

**Answer: A,D ([LEAVE A REPLY](#))**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/validations-defaults-unmapped-fields>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

## NEW QUESTION: 11

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. Primary index

B. Configuration key

C. Save data per company

D. Modified date time

**Answer: D ([LEAVE A REPLY](#))**

Explanation

You can now modify the following properties through the property sheet:

\* Modified Date Time

\* Created By

\* Created Date Time

\* Modified By

\* Country Region Codes

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-properties>

### **NEW QUESTION: 12**

You are a Dynamics 365 Finance and Operations developer.

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

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.

#### **Answer:**

Explanation:

Box 1: One, Two, Four, Fire

The statements in the finally clause are executed when control leaves the try block, either normally or through an exception.

Box 2: One, Three, Four, Five

Box 3: One, Three

Return ends the call.

Box 4: One, Three, One, Two, Four, Five

Retry restarts the try statement.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-exceptions>

### **NEW QUESTION: 13**

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.

#### **Answer:**

### **NEW QUESTION: 14**

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

Empty

Loaded

Completed

You have the following code:

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

**A.** 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.

**B.** Add a new case statement in the model of the existing code,

**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 the enumeration value.

**Answer: D** ([LEAVE A REPLY](#))

### **NEW QUESTION: 15**

An organization uses Visual Studio to develop customizations for Dynamics 365 Supply chain Management.

You need to create an extension for the CustTable form and add the extension to the Visual Studio project. 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:**

Explanation:

1. In AOT, right-click CustTable form
2. Select Create Extension
3. Rename the new CustTable extension

Reference:

<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-extension-example>

### **NEW QUESTION: 16**

You need to configure filtering for the Vendor Past Due Invoices form.

Which two filtering types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A.** QuickFilter
- B.** Advanced Filter
- C.** Grid Column Filtering
- D.** Filter pane

**Answer: A,C** ([LEAVE A REPLY](#))

Scenario: You must create a batch job that runs on the last day of each month to update the current unpaid invoices with changes in the minimum invoice amount. The job must meet the following requirements:

- \* Allow users to specify vendors to include in the job.
- \* Accept the following parameters: Vendor, DueDate.
- \* Be callable by an Action menu item.
- \* Use SysOperation Framework for all batch jobs.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/filtering>

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### NEW QUESTION: 17

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: A,B (LEAVE A REPLY)**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/class-extensions>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/model-split>

### NEW QUESTION: 18

You need to create the new table for the vendor exclusion list.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

Maintain referential integrity with other tables.

Box 1: a table extension for Vendors and relation for the Vendor exclusions Box 2: Relationship Type

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

### NEW QUESTION: 19

A company uses Dynamics 365 Finance.

A user is unable to access the new Customer Credit Limit report.

You need to configure security for the report.

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:**

1 - Create a new privilege and duty extension

2 - Add the new privilege to a duty extension and output the menu item to the privilege

3 - Add the duty extension to a role

### **NEW QUESTION: 20**

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 must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

Does the solution meet the goal?

**A.** Yes

**B.** No

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 21**

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.** A warehouse wants to track movement of all inventory from scanners to the system.

**B.** A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.

**C.** A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.

**D.** A service company needs workers to be able to access just-in-time inventory data from the field by using a third-party Software as a Service (SaaS) application to ensure they have parts to complete a service.

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

### NEW QUESTION: 22

You need to implement the company's integration requirements.

Which integration strategies should you use? To answer, drag the appropriate integration strategies to the correct requirements. Each integration strategy 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:

Explanation

Box 1: asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 2: Synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 3: Synchronous

Box 4: asynchronous

Batch data is asynchronous.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview#synchro>

### NEW QUESTION: 23

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: A,C (LEAVE A REPLY)**

Reference:

<https://marketplace.visualstudio.com/items?itemName=Dyn365FinOps.dynamics365-finops-tools>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/create-apply-deployable-packa>

### NEW QUESTION: 24

You need to configure security for the Vendor Exclusion List report.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A.** Create a new privilege, add a reference to an output menu item, and then add the new privilege to a role.
- B.** Create a new security policy and add an output menu item. Add the new security policy to duty extension and then to a role extension.
- C.** Create a new privilege extension and add an output menu item. Add the privilege to a duty extension and then to a role extension.
- D.** Create a new privilege and assign it to an output menu item. Add the new privilege to a duty extension and then add the duty extension to a role.

**Answer: A,D (LEAVE A REPLY)**

Scenario: Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.

The privileges are simply a way to grant permissions to an entry point, which can be services, to a duty, role, or even directly to a user. Typically, we only add entry points to a privilege, such as menu items.

D: You can extend a Security Role or a Security Duty to add new duties/privileges to these elements.

Reference:

<https://www.oreilly.com/library/view/extending-microsoft-dynamics/9781786467133/40a348f3-0f4c-4d47-a566-59f3a2e6afa0.xhtml>

### NEW QUESTION: 25

You are a Dynamics 365 Finance and Operations developer.

You need to deploy a new report in a development 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.** Package deployment
- B.** Build project
- C.** Application Explorer
- D.** Solution Explorer
- E.** Build Models options

**Answer: A,D (LEAVE A REPLY)**

A: An AOT package is a deployment and compilation unit of one or more models that can be applied to an environment. It includes model metadata, binaries, reports and other associated resources.

D:

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/create-apply-deployable-package>

### NEW QUESTION: 26

You add a field to the SalesTable entity by using an extension.

You need to ensure that the new field is available for use in forms, reports, and code.

What are three possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Right-click the table and select Synchronize.
- B. Navigate to the Dynamics 365 menu and select Synchronize database.
- C. Right-click the solution and select Synchronize with database.
- D. Set the project property for Synchronize database on build to true and build the solution.
- E. Right-click the project and select Synchronize with database.

**Answer: A,D,E (LEAVE A REPLY)**

Explanation/Reference:

Develop and Test Code

Question Set 1

### **NEW QUESTION: 27**

A company uses Dynamics 365 Unified Operations.

Client companies require weekly updates for services performed. You create data entity by using the Data Entity wizard.

You need to expose a list of services to external business companies.

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:**

Explanation:

Step 1: Synchronize the database

Entities are created as views in Microsoft SQL Server, and staging tables are also added. Therefore, you must sync a database when you build entities.

Step 2: Build the solution

Build your project

In Solution Explorer, right-click your project, and then click Properties.

Change the value of the Synchronize database on build property to True, and then click OK. This property must be set only one time per project.

On the Visual Studio toolbar, click Build > Build Solution to build the project.

Step 3: Configure properties for the data entity

After build visually validate and customize an entity

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/build-consuming-data-entities>

### **NEW QUESTION: 28**

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 (LEAVE A REPLY)**

Topic 2, Case Study

This is a case study Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

Wide World Importers sell office supplies, furniture, and fittings to their customers across the United States.

The company has the following locations:

- \* a retail store in Seattle
  - \* a warehouse in Seattle
  - \* a customer support and call center in Atlanta
  - \* a team of field workers that provide furniture installation services at customer sites
- Wide World Importers plans to implement Dynamics 365 Finance and Microsoft Azure cloud platform features.

Current environment

Requirements

Customers may place orders by email, phone, or by using the company's website. The company authorizes and processes credit card transactions by using a web-based application. Customer, inventory, supplier, and other master and transactional data is stored in a legacy database.

The company collects feedback from customers by phone or a form on the company's website and maintains the data in a Microsoft Excel workbook.

Wide World Importers runs on-premises applications to manage payroll and workers compensation. The company has a set of Microsoft Power BI dashboards that present data from a reporting database.

The company creates a Lifecycle Services (LCS) implementation project and completes Dynamics 365 Finance onboarding.

The company maintains production, quality assurance (QA). development, user acceptance testing (UAT), and build environments.

## General

- \* You must configure a cloud-based Dynamics 365 Finance development environment and enable code extensions that support updates.
- \* You must configure version control and a Build environment.
- \* You must migrate all legacy data to the new system.
- \* You must implement best practices for X++ coding, the data model, caching, and security.
- \* All new code must be unit tested in a development environment and then validated by the QA team before code is added to source control.

## Business processes

- \* You must configure vendor trade agreements.
- \* Products must be shipped directly from suppliers to customers depending on customer location to save indirect costs.
- \* You must collect customer feedback on products shipped directly from vendors.
- \* You must deploy code to a UAT environment for testing before deploying code to production.
- \* You must validate all entries for the purchase order creation form.
- \* You must develop a web portal that allows customers to browse products, place orders, and check order status. Product data for the web portal must be integrated as periodic batches.

## Business systems

- \* You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.
- \* The workers compensation application must be able to call an API to update worker compensation details in Dynamics 365 Finance.
- \* You must develop a process to import payroll journals into the system.
- \* You must configure the warehouse mobile device portal for warehouse operations.
- \* You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

- \* Isolate all new vendor exclusion codes as a new assembly by creating a table named Vend Exclusions.
  - \* Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.
  - \* Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account Item ID, and Vendor account fields.
  - \* Implement the Excel integration for the Vendor Exclusion List form.
  - \* Provide functionality to periodically export the Vendor exclusion list to prepare reports by using standard reporting capabilities of Dynamics 365 Unified Operations.
  - \* Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.
- Permissions must be assigned to security roles to match company security model.
- \* Maintain referential integrity with other tables.

\* Users must be presented with a warning message before a direct delivery purchase order is created for a vendor in exclusion list.

\* Sales managers must be alerted when a new exclusion record is added to the system.

#### Security

\* You must implement the record level audit feature to identify the users who created the record.

\* Grant specific users rights to maintain the vendor exclusion list by using Excel.

\* You must implement validation to check whether a proposed direct delivery purchase order vendor is on the exclusion list for the customer and product combination.

#### Issues

User1 is not able to access many features in the system. You must provide User1 administrator rights.

A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

Developed joins the company and does not have access to a development environment or source control.

User2 reports performance issues when they generate direct delivery purchase orders after current updates are applied.

User2 reports that they cannot access new functionality and reports.

### **NEW QUESTION: 29**

You need to create the new table for the vendor exclusion list.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

#### **Answer:**

Explanation:

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

\* Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

\* Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

\* Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

\* Maintain referential integrity with other tables.

Box 1: a table extension for Vendors and relation for the Vendor exclusions Box 2: Relationship Type

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

### **NEW QUESTION: 30**

A company has a cloud-based Dynamics 365 Finance environment and uses an e-commerce website for retail operations. The website has business to business (B2B) capabilities. The company uses a middleware integration tool to process data.

You must create a batch job to automate some operations. The batch job must be able to process several thousand transactions in each run.

You need to configure the environment.

Which tools should you use? To answer, drag the appropriate tools to the correct requirements. Each tool 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:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-management-api>

### NEW QUESTION: 31

Contoso. Ltd. uses Dynamics 365 Finance. You receive reports of performance issues with the app. You need to use Performance Timer to investigate the issues. Which URL should you use?

- A. <https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=perftimer>
- B. <https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=develop&mi=VendTableListPage>
- C. <https://contoso.cloudax.dynamics.com/?cmp=USMF&mi=performancetimer>
- D. <https://contoso.cloudax.dynamics.com/?cmp=USMF=debug=developer>

**Answer: B (LEAVE A REPLY)**

Explanation

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer>

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### NEW QUESTION: 32

You are a Dynamics 365 Finance and Operations 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:**

Explanation:

Box 1: Aggregate measurements

Measures are aggregate numbers, such as Total Sales or Number of Orders.

Box 2: Aggregate dimension

Dimensions are slicers, such as Product, Vendor, or Customer, that help you analyze the measure.

Box 3: Aggregate date entity

By using the model-driven approach, you can create data entities by directly referencing aggregate measurements and aggregate dimensions. These are known as aggregate data entities. Aggregate data entities are read-only data entities that are used for reporting purposes. To consume aggregate data when you build charts and other client controls, add the aggregate data to a form as a data source.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/analytics>

**NEW QUESTION: 33**

You need to implement the reporting requirements for the Vendor exclusion list.

Which options you should use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:****NEW QUESTION: 34**

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: A,C (LEAVE A REPLY)**

Reference:

<https://marketplace.visualstudio.com/items?itemName=Dyn365FinOps.dynamics365-finops-tools>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/deployment/create-apply-deployable-package>

**NEW QUESTION: 35**

You need to create the outstanding invoice report for the CFO.

Which attributes should you use? To answer, drag the appropriate attributes to the requirements. Each attribute answer may be used once, more than once, or not at all. You may need to drag the split between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Scenario: The Chief Financial Officer (CFO) requires the following reports:

A report that shows all outstanding invoices, their cash discount types including the new minimum threshold applicable, and the amount of the discount. The report must only be accessed by users who are members of the Accounts Payable Manager role.

Box 1:DataContractAttribute

DataContractAttribute - This attribute is applied to an X++ class and specifies that the class can be used as a data contract (that it should be serialized).

Box 2:DataMemberAttribute

DataMemberAttribute - This attribute is applied to a parm (parameter) method on an X++ data contract class and specifies that the data member should be serialized.

Box 3: SRSReportParameterAttribute

You set the SRSReportParameterAttribute attribute to the data contract you created for the RDP class.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

**NEW QUESTION: 36**

You need to map the Dynamics 365 Finance components into the standard models.

Which component belongs to which model? To answer, drag the appropriate models to the correct components. Each model 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:**

Explanation

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/application-stack-server-architec>

**NEW QUESTION: 37**

HOTSPOT

You have the following code:

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer:**

Explanation:

Box 1: Yes

Here CashDiscountDP is the name of the secure server method that is tagged with the SysEntryPointAttribute attribute.

Box 2: Yes

To define a report data provider class

An RDP class extends the SRSReportDataProviderBase class. You set the SRSReportParameterAttribute attribute to the data contract you created for the RDP class.

Box 3: No

Instead:

```
public void processReport()
```

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/security-privilege-properties>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

**NEW QUESTION: 38**

You need to apply a form pattern to the Vendor exclusion list. Which pattern should you use?

- A. List Page
- B. Simple List
- C. List View
- D. Workspace

**Answer: A (LEAVE A REPLY)**

Explanation

A list page presents a set of data on a user interface that is optimized so that you can browse records, find the right record, and then take an action upon that record. The list page lets the user search, filter, and sort the data. FactBoxes on the right side of the grid show related data for the active record. Actions that are relevant to the record are located on the ActionPane at the top of the page.

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

- \* Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.
- \* Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.
- \* Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/list-page-form-pattern>

**NEW QUESTION: 39**

You are a Dynamics 365 Finance developer.

You need to create a security rule that meets the following requirements:

Provide the same permissions as HcmWorkerActionHireRead

Assign the Update level access and the HcmHumanResourceMamager Role

Which settings should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

#### **NEW QUESTION: 40**

You are a Dynamics 365 Finance and Operations developer.

You need to use the Extensible Data Security (SDS) framework to restrict to the data in the Sales table form 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 actions to the answer area and arrange them in the correct order.

**Answer:**

Explanation:

Step 1: Create a new user role and add required privileges.

Individual security permissions are combined into privileges, and privileges are combined into duties. The administrator grants security roles access to the program by assigning duties and privileges to those roles.

Step 2: Assign the newly created role to the user.

Step 3: Define the list of constrained tables.

Add the constrained tables and views.

Step 4: Define the context of the rule.

Set the context.

Set the ContextType property to one of the following:

ContextString - Set the property to this value if a global context is to be used to determine whether the policy should be applied. When required, this context string needs to be set by the application using the XDS::SetContext API.

RoleName - Set the property to this value if the policy should be applied only if a user in a specific role accesses the constrained tables.

RoleProperty - Set the property to this value if the policy is to be applied only if the user is a member of any one of a set of roles that have the ContextString property set to the same value.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/security-architecture>

<https://community.dynamics.com/365/b/exploringdynamics365/posts/extensible-data-security-in-d365>

#### **NEW QUESTION: 41**

You are training a new Dynamics 365 Finance and Operations developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

- A.** A retailer requires all new customer data captured at point of sale (POS) terminals through the day sent back to the system.
- B.** A service company needs workers to be able to access just-in-time inventory data from the field by using a third-party Software as a Service (SaaS) application to ensure they have parts to complete a service.
- C.** A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.
- D.** A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.

**Answer:** ([SHOW ANSWER](#))

Classic data integration: Asynchronous,

Classic data integration provides asynchronous and uni-directional data synchronization experience between model-driven applications in Dynamics 365 and Dynamics 365 Finance and Operations applications. It's an IT-administrator led experience and you must schedule the data sync jobs to run on a specific cadence. Classic data integration is suitable for business scenarios that involves bulk ingress/egress of data across Dynamics 365 applications.

Note: Dual-write: Synchronous, Bi-directional.

Dual-write provides synchronous, bi-directional, near-real time experience between model-driven applications in Dynamics 365 and Finance and Operations applications. Data synchronization happens with little or no intervention and is triggered by create, update and delete actions on an entity. Dual-write is suitable for interactive business scenarios that span across Dynamics 365 applications.

#### **NEW QUESTION: 42**

A company implements Dynamics 365 finance and operations apps.

You are developing code to consume OData service endpoints. You complete the application registration process and gather the details required to create a C# console application.

You need to ensure that the console application interacts with Dynamics 365 Finance OData services.

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:**

1 - Add the OData v4 client code generator

2 - Add the custom OData service endpoints to the ODataClient list

3 - Generate proxy classes

4 - Point the MetadataDocumentURI variable top the Dynamics 365 Finance instance Reference:

<https://devblogs.microsoft.com/odata/tutorial-sample-how-to-use-odata-client-code-generator-to-generate-client-side-proxy-class/>

<https://www.netwoven.com/2018/05/29/how-to-create-client-side-odata-proxy-dll-for-microsoft-dynamics-365-for-finance-and-operations-ax/>

#### **NEW QUESTION: 43**

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets 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 are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create a command button and link the button to the report by using the button's object property.

Does the solution meet the goal?

**A.** Yes

**B.** No

**Answer:** ([SHOW ANSWER](#))

You would need to use the on-click property of the command button.

Reference:

<https://support.microsoft.com/en-gb/office/use-a-command-button-to-start-an-action-or-a-series-of-actions-c7bf2827-2f3e-42b8-83d6-6c4f0de78990>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/action-controls>

#### **NEW QUESTION: 44**

You create a new class.

Class compilation must fail if a specific method in the source code is called.

You need to mark the class with the appropriate attribute.

Which attribute should you use?

**A.** SysAppSecurityAttribute

**B.** SysTestCategory

**C.** SysObsoleteAttribute

**D.** SysAttribute

**Answer:** **C** ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/overview-of-attribute-classes>

#### **NEW QUESTION: 45**

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.

**Answer:**

Explanation:

Scenario: CashDisc form

You must extend the CashDisc form to add a new field named MinimumInvoiceAmount to the form. You must add a new Extended Data Type to the extension model for the new field. The new field must be added above the discount method field. The field must display 10 characters.

Box 1: extension

To add a new field to an existing table, you must first create a table extension.

Box 2: field

Box 3: field group

Box 4: data source

Often, the information that is stored in existing tables doesn't satisfy customer requirements. Therefore, additional tables must be created, and data from those tables must be shown on pages.

You can add new data sources to existing forms through extension. Follow these steps.

\* In the extension model, create a form extension for the selected form.

\* Right-click the form extension, and then select New Data Source.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-datasource>

### **NEW QUESTION: 46**

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 actions to the answer area and arrange them in the correct order.

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

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/branching-strategies-with-tfvc?view=azure-devops>

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### **NEW QUESTION: 47**

You need to set up a recurring integration to enable file exchanges between Dynamics 365 Finance and a third-party system.

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

**Answer:**

Explanation:

Step 1: Set up a data project

Step 2: Create a recurring data job

\* Create a recurring data job

\* On the Data project page, select Create recurring data job (Step 2)

\* Enter a valid name and a description for the recurring data job.

\* On the Set up authorization policy tab, enter the application ID that was generated for your application, and mark it as enabled.

\* Expand Advanced options tab, and specify either File or Data package (Step 3)

\* Select Set processing recurrence, and then, in the Define recurrence dialog box, set up a valid recurrence for your data job (Step 4) Step 3: Specify whether you are using a file or data package.

Step 4: Set up the processing recurrence

Step 5: Link a new application ID to the data recurring data job

You can use integration REST endpoints to integrate with the client, submit documents (import), or poll available documents for download (export). These endpoints support OAuth.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/recurring-integrations>

#### **NEW QUESTION: 48**

You are a Dynamics 365 Supply Chain Management developer.

You are working on a project by using Visual Studio.

Several users check out a custom form version control and modify the form.

You need to find the user that has added a specific line of code to the form.

What should you do?

**A.** Open the object in Object Designer, select the title of the object, and then right-click View History.

**B.** In Solution Explorer, navigate to the object and right-click View History.

**C.** Using Visual Studio, navigate to the object. Add the object to a new solution, and then right-click View History.

**D.** Using Visual Studio, navigate to the object in Application Explorer and right-click View History.

**Answer: D (LEAVE A REPLY)**

Explanation

Explanation:

In Visual Studio, Go to source control explorer > Select the object > right click > View history Reference:

<https://dynamicsuser.net/ax/f/developers/93354/how-to-rollback-a-change-set-completely-automatically-in-tfs>

#### **NEW QUESTION: 49**

You have the following code:

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: Yes

Add 1 to a date adds one day.

Box 2: No

You cannot do a real2int conversion on a Date.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/customize/types-of-fields>

### **NEW QUESTION: 50**

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) that will enable users to be able to see the total sales per region. You create a tile named SalesRegion and link the KPI to the tile.

You need to ensure that users can view this tile on a form in the user interface.

What should you do?

- A. Open the form that will contain the new tile. Add the tile to the form.
- B. Create a new workspace. Add the KPI to the workspace from the user interface.
- C. Create an extension of the form that will contain the new tile and KPI. Add the tile to the extended form.

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 51**

You create the following cloud-based Dynamics 365 Finance environments:

A developer creates code extensions in the Development environment. The developer checks the code changes into an Azure DevOps branch.

You need to deploy the code changes to the Standard Acceptance Test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/database/dbmovement-scenario-exportuat#back-up-to-the-asset-library>

### **NEW QUESTION: 52**

You are a Dynamics 365 Supply Chain Management developer.

You are working on a project by using Visual Studio.

Several users check out a custom form version control and modify the form.

You need to find the user that has added a specific line of code to the form.

What should you do?

- A. Open the object in Object Designer, select the title of the object, and then right-click View History.
- B. In Solution Explorer, navigate to the object and right-click View History.
- C. Using Visual Studio, navigate to the object. Add the object to a new solution, and then right-click View History.

D. Using Visual Studio, navigate to the object in Application Explorer and right-click View History.

**Answer: D (LEAVE A REPLY)**

In Visual Studio, Go to source control explorer > Select the object > right click > View history Reference:  
<https://dynamicsuser.net/ax/f/developers/93354/how-to-rollback-a-change-set-completely-automatically-in-tfs>

### NEW QUESTION: 53

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 Model management from the menu and then select View all package dependences.
- B. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- C. Select Metadata Search from the Dynamics 365 menu.
- D. Select Model Management from the menu and then select Refresh Models.

**Answer: (SHOW ANSWER)**

1. In Microsoft Visual Studio, on the Dynamics 365 menu, click Model Management > Refresh Models.
2. Open Application Explorer by clicking View > Application Explorer.
3. Right-click the AOT root node, and then click Model view.

A list of installed models is displayed.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages>

### NEW QUESTION: 54

You are a Dynamics 365 Finance developer.

You need to create an extension class.

Which action should you perform?

- A. Mark the class as final.
- B. Add the suffix .extension to the file name.
- C. Mark the class as protected.
- D. Mark the class as private.

**Answer: (SHOW ANSWER)**

Explanation/Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

### NEW QUESTION: 55

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. TestFilter
- B. Priority

- C. Owner
- D. EntryPoint
- E. Test Property

**Answer: B,C,E (LEAVE A REPLY)**

The SysTest framework now supports the major test attributes in the adaptor to be on par with the MSTest framework adaptor. This includes attributes like Category, Owner, Priority, and Test Property.

Note:

The Priority attribute SysTestPriority, which requires an integer value, is now available. A priority can only be specified once, but is supported on both the class and method level, with method level taking precedence over class level.

The Owner attribute, SysTestOwner, has also been added. This attribute was technically already supported for filtering in the Test Toolbox window, but the attribute itself was missing in X++. Similar to Priority, an owner can only be specified once and is supported on both the class and method level, with the method level taking precedence.

SysTestProperty specifies a property and a value (two strings), and can now be used in the Test Toolbox window in Visual Studio. Test Property can be specified multiple times, and can exist on both the class and method level.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/systest-filtering>

### **NEW QUESTION: 56**

You need to implement the integration for the Vendor Exclusion List form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: Table extension

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Implement the Excel integration for the Vendor Exclusion List form.

The table extension object allows you to add additional fields or to change some properties on a table provided by the Dynamics 365 Business Central service. In this way, you can add data to the same table and treat it as a single table.

Box 2: Unique key

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Box 3: Build and synchronize the database.

A project property lets you specify that the synchronize operation for the database should be performed every time that you build the project. This can be useful when you're making changes to the table structure for an application. Each time that you build, you will know that the database is synchronized with the tables as they are defined in the project.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-table-ext-object>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/build-operations#synchronizing-the-database-at-each-build>

**NEW QUESTION: 57**

A company uses Dynamics 365 Finance.

You need to migrate all custom report artifacts from a development environment to a cloud-hosted Tier-1 test environment that has Visual Studio installed.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Apply a deployment package
- B. Export the project as an axppfile
- C. Create a deployment package
- D. Import the project into a cloud-hosted environment from an axpp file and ensure that the Overwrite Elements option is selected

**Answer: B,D (LEAVE A REPLY)**

Reference:

<https://community.dynamics.com/365/financeandoperations/b/howtodynamics365/posts/how-to-import-and-export-project-in-dynamics-365>

**NEW QUESTION: 58**

Contoso. Ltd. uses Dynamics 365 Finance. You receive reports of performance issues with the app. You need to use Performance Timer to investigate the issues. Which URL should you use?

- A. <https://contoso.cloudax.dynamics.com/7cmp = USMF = debug = developer>
- B. <https://contoso.cloudax.dynamics.com/7cmp = USMF&mi = performacetime>
- C. <https://contoso.cloudax.dynamics.com/?cmp=USMF&i=perftimer>
- D. <https://contoso.cloudax.dynamics.com/?cmp = USMFaddebug = develop>

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 59**

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 Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.
- B. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the as
- C. In Visual Studio, export the project and upload the project to the asset library.
- D. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.

**Answer: A,C (LEAVE A REPLY)**

**NEW QUESTION: 60**

You are creating entities that will have unmapped fields.

You need determine which types of unmapped fields 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:**

Explanation:

Box 1: Computed

Computed field: Value is generated by an SQL view computed column.

During read, data is computed by SQL and is fetched directly from the view.

Box 2: Computed

Box 3: Virtual

Virtual field:

Is a non-persisted field.

Is controlled by custom X++ code.

Read and write happens through custom X++ code.

Virtual fields are typically used for intake values that are calculated by using X++ code and can't be replaced by computed columns.

Box 4: Virtual

Virtual field is a non-persisted field.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-entity-computed-columns-virtual-fields>

**NEW QUESTION: 61**

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.

**Answer:**

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<https://www.braindumps.com/Microsoft/MB-500-practice-exam-dumps.html> (307 Q&As Dumps,  
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#### **NEW QUESTION: 62**

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: C (LEAVE A REPLY)**

Weight data can be maintained with a maximum of two decimals by default. If you require the ability to enter, maintain, and view weight data with a maximum precision of six decimals, you must extend the decimal point precision for the WeightBase extended data type.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/decimal-point-precision>

#### **NEW QUESTION: 63**

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 (LEAVE A REPLY)**

Explanation

One use of the SysObsoleteAttribute class is to notify the compiler that the compile should fail if a particular method is called in the source code. The compiler rejects the compile, and displays the specific message that is stored in this use of the attribute.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-attribute-classes>

#### **NEW QUESTION: 64**

You need to deploy the web portal integration solution.

Which four 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:**

Explanation

Scenario: You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.

You must develop a web portal that allows customers to browse products, place orders, and check order status.

Product data for the web portal must be integrated as periodic batches.

You must configure the warehouse mobile device portal for warehouse operations.

You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

Step 1: Add the package to source control and check in the changes.

Deployable packages from third parties can be manually installed on a development VM, and the installed artifacts can then be added to source control.

Step 2: Import the model into a Development environment.

Install a model in a development environment

Step 3: Synchronize the models in the Developer environment by using Get latest feature Because the models and runtime packages are in source control, other developers who use other development environments can just synchronize the models and packages to their workspace by using the Get latest feature of source control.

Step 4: Build and create a deployment package

The build process will include this runtime package in the final deployable package. This allows customers to take the deployable package from the build and have one package to deploy to their environments. The one package includes both custom solutions and all the third party solutions.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages#deplo>

**NEW QUESTION: 65**

You need to update the CashDisc report to meet the requirements.

What should you do?

- A. Delete the existing CashDisc report in the extension model and create a new report.
- B. Duplicate the existing CashDisc report in the extension model and add the new field to the design.
- C. Extend the existing CashDisc report in the extension model and add the new field to the design.
- D. Customize the existing CashDisc report in the overlaying model and add the new field to the design.

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 66**

You need to modify the environment to meet User1's requirements.

What should you do?

- A. Create an extension of CashDisc in a new project and add the field to the extended table,
- B. Create a new table named CashDiscExtension in the project.
- C. Use Open Designer to add the field to the table.
- D. Create an overlay of CashDisc in a new project and add the field.

**Answer: A (LEAVE A REPLY)**

Explanation

Scenario: A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

Topic 1, First Up Consultants

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

First Up Consultants provides Commercial Cleaning services to its clients. The company purchases all its cleaning supplies from Best For You Organics Company.

First Up Consultants is using a cloud-based Dynamics 365 Finance instance. The system has a foundation table named CashDisc that contains one cash discount record for each cash discount type.

Best For You Organics Company invoices First Up Consultants and allows cash discounts based on how fast an invoice is paid. First Up Consultants is entitled to a two percent discount from Best for You Organics for any invoice that is paid within 10 days and has a minimum invoice amount of \$2,500.

Business requirements

All new and extended objects must be located in an existing model named FinanceExt. The creation of new models is not permitted.

Best For You Organics Company requires that First Up Consultants apply specific minimum invoice amounts to each cash discount record. A cash discount may only be applied when the minimum invoice amount requirement has been met. The new field must be added to the CashDisc form grid with the allowable visible number of characters set to 10.

First Up Consultants must retrieve the required Cash Discount methods and corresponding minimum invoice amounts directly from Best For You Organics Company's enterprise resource planning (ERP) system.

The Chief Financial Officer (CFO) requires the following reports:

A report that shows all outstanding invoices, their cash discount types including the new minimum threshold applicable, and the amount of the discount. The report must only be accessed by users who are members of the Accounts Payable Manager role.

You must create a Microsoft Excel workbook that lists unpaid invoices to Best For You Organics Company that have a due date earlier than 5/1/2019 and an Invoice Amount between \$20,000 and \$100,000.

Cash discounts for unpaid invoices must be updated with the new minimum invoice amounts.

Technical requirements

Vendor Invoices Past Due form

You must be able to filter the grid on the Vendor Invoices Past Due form. By default, you must filter the form based on the Due Date, Invoice Amount, and Vendor columns. Users must be able to apply reusable user-specific filters to a page using multiple fields.

CashDisc form

You must extend the CashDisc form to add a new field named MinimumInvoiceAmount to the form. You must add a new Extended Data Type to the extension model for the new field. The new field must be added above the discount method field. The field must display 10 characters.

The accounts payable manager and the accounts payable clerk have Delete access to the form. You must alter permissions to limit accounts payable clerks to have only View access to the form.

Cash Discount Records report

You must create a report that shows a list of CashDisc records. You must include the MinimumInvoiceAmount field and filtered data by using the CashDisc.DiscMethod field. Applicable security objects must be created in the existing "FinanceExt" model and configured so the report is accessible by those users mapped to the accounts payable role.

Batch jobs

You must create a batch job that runs on the last day of each month to update the current unpaid invoices with changes in the minimum invoice amount. The job must meet the following requirements:

\* Accept the following parameters: Vendor, DueDate.

\* Be callable by an Action menu item.

\* Allow users to specify vendors to include in the job.

You must create a batch job to identify modified CashDisk MinimumInvoiceAmount values and apply these to open Purchase Lines.

### **NEW QUESTION: 67**

You need to implement the payroll application data process.

Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

**A.** a data contract class that uses the DataContractAttribute attribute

**B.** a service class that has a public method which accepts a single parameter for a contract

**C.** a class that extends SysOperationServiceBase

**D.** an UIBuilder class that extends SysOperationAutomaticUIBuilder

**Answer: A,C (LEAVE A REPLY)**

Scenario: You must develop a process to import payroll journals into the system.

A: Data Contract: Data contract class is the model class defining attributes needed for batch operations.

These attributes are provided by the user, in a dialog. DataContractAttribute attribute is needed for the class and the properties methods requires DataMemberAttribute attribute.

C: Service: Service class extends from the SysOperationServiceBase class and contains the business logic for the batch operation. Developers often tend to add the business logic in controller classes, which violates the Single responsibility principle.

Incorrect Answers:

D: UI Builder: UI Builder class extends from SysOperationAutomaticUIBuilder class and is used for adding custom behavior to dialog / dialog fields dynamically constructed by the SysOperation framework.

Reference:

<http://daxingwitheshant.blogspot.com/2018/06/sysoperation-framework.html> Integrate and Manage Data Solutions Question Set 2

## **NEW QUESTION: 68**

### **HOTSPOT**

You are a Dynamics 365 Finance developer.

A report uses a synchronous call based on a saleID value. There are long wait times for the report to complete printing. You must allow the user to continue to work while the report processes and inform the user immediately when the report completes printing.

You need to implement the correct method calls and behavior.

Which code segments should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer:**

Explanation:

Box 1: Global:runAsync

Use runAsync methods on the Global or FormRun classes.

Box 2: container

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/migration-upgrade/deprecated-apis>

## **NEW QUESTION: 69**

You need to configure security for the Vendor Exclusion List report.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

**A.** Create a new privilege, add a reference to an output menu item, and then add the new privilege to a role.

**B.** Create a new security policy and add an output menu item. Add the new security policy to duty extension and then to a role extension.

**C.** Create a new privilege extension and add an output menu item. Add the privilege to a duty extension and then to a role extension.

**D.** Create a new privilege and assign it to an output menu item. Add the new privilege to a duty extension and then add the duty extension to a role.

**Answer: A,D (LEAVE A REPLY)**

Scenario: Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able to create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.

The privileges are simply a way to grant permissions to an entry point, which can be services, to a duty, role, or even directly to a user. Typically, we only add entry points to a privilege, such as menu items.

D: You can extend a Security Role or a Security Duty to add new duties/privileges to these elements.

Incorrect Answers:

C: We can't extend security privileges, we would always create a new privilege.

Reference:

[https://www.oreilly.com/library/view/extending-microsoft-dynamics/9781786467133/40a348f3-0f4c-4d47-a566-](https://www.oreilly.com/library/view/extending-microsoft-dynamics/9781786467133/40a348f3-0f4c-4d47-a566-59f3a2e6afa0.xhtml)

[59f3a2e6afa0.xhtml](https://www.oreilly.com/library/view/extending-microsoft-dynamics/9781786467133/40a348f3-0f4c-4d47-a566-59f3a2e6afa0.xhtml)

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/customization-overlaying-extensions#security-role-and-duty-extensions> Implement Security and Optimize Performance Question Set 2

## **NEW QUESTION: 70**

You are a Dynamics 365 Finance and Operations developer.

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

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.

**Answer:**

Explanation:

Box 1: One, Two, Four, Five

The statements in the finally clause are executed when control leaves the try block, either normally or through an exception.

Box 2: One, Three, Four, Five

Box 3: One, Three

Return ends the call.

Box 4: One, Three, One, Two, Four, Five

Retry restarts the try statement.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-exceptions>

**NEW QUESTION: 71**

You have the following class definition:

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.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

**NEW QUESTION: 72**

The warehouse manager at Contoso, Ltd. wants to display a tile in the user interface that will show total RAFs per hour.

You need to create a key performance indicator (KPI) that meets these requirements.

What two components should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. aggregate dimensions
- B. data entity
- C. aggregate measurements
- D. TempDB table

**Answer: (SHOW ANSWER)**

Explanation

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/model-aggregate-data#model-a-k>

**NEW QUESTION: 73**

The system includes the following code: (Line numbers are included for reference only.)

You need to apply changes to address User2's issues.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Scenario: User2 reports performance issues when they generate direct delivery purchase orders after current updates are applied.

Also: You must implement validation to check whether a proposed direct delivery purchase order vendor is on the exclusion list for the customer and product combination.

Box 1: No

The firstOnly keyword helps speed up the fetch by returning only the first row.

Box 2: No

Box 3: Yes

Box 4: Yes

RecId stands for Record Identifier. It is often called RowId (row identifier). It is a unique and incremental value stored with each and every row of the table. In Microsoft Dynamics AX 2012 and Microsoft Dynamics 365 for Finance and Operations, RecId is used as unique identifiers and to create relations between tables. Another important point is the difference between RecId and Id. In simple words, RecId is generated by the kernel whereas the Id is generated by the application itself.

RecId is used to find out the unique row in the table.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-data-query>

<https://community.dynamics.com/ax/b/nevoitechax/posts/what-is-recid-in-microsoft-dynamics-ax-365fo>

### **NEW QUESTION: 74**

You are a Dynamics 365 Finance developer.

You need to configure integration between Dynamics 365 Finance and other tools.

Which integration types should you use? To answer, drag the appropriate integration types to the correct requirement. Each integration 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:**

Explanation:

Box 1: synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 2: Asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 3: synchronous

Box 4: Asynchronous

A typical Batch job.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

### **NEW QUESTION: 75**

A company uses Dynamics 365 Unified Operations.

You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy 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:**

Explanation:

Box 1: custom service

Custom service peak data volume is 1,000 records per hour.

Box 2: batch data API

This scenario is best implemented by using batch data APIs, which has a peak data volume of 300,000 records per hour.

Box 3: OData endpoint

Peak data volume for reading Odata status of orders is 5,000 records per hour.

This scenario is best implemented by using the OData service endpoints to read order status information.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview>

**NEW QUESTION: 76**

You create the following cloud-based Dynamics 365 Finance environments:

A developer creates code extensions in the Development environment. The developer checks the code changes into an Azure DevOps branch.

You need to deploy the code changes to the Standard Acceptance Test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: Build the code in the DevOps pipeline.

Box 2: Asset library

Run the export to the Asset library in Microsoft Dynamics Lifecycle Services (LCS).

Box 3: Select Maintain and Apply updates.

eprovision the target environment

If you copy a database between environments, the copied database won't be fully functional until you run the Environment reprovisioning tool to make sure that all Commerce components are up to date.

Follow these steps to run the Environment reprovisioning tool.

In your project's Asset Library, in the Software deployable packages section, click Import.

From the list of shared assets, select the Environment Reprovisioning Tool.

On the Environment details page for your target environment, select Maintain > Apply updates.

Select the Environment Reprovisioning tool that you uploaded earlier, and then select Apply to apply the package.

Monitor the progress of the package deployment.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/database/dbmovement-scenario-exportuat#back-up-to-the-asset-library>

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#### **NEW QUESTION: 77**

You are a Dynamics 365 Finance developer.

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

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.

**Answer:**

#### **NEW QUESTION: 78**

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.** Primary index
- B.** Created by
- C.** Configuration key
- D.** Table group

**Answer: B (LEAVE A REPLY)**

Explanation/Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-properties>

#### **NEW QUESTION: 79**

You are a Dynamics 365 Finance and Operations 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.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics>

#### **NEW QUESTION: 80**

You are a Dynamics 365 Finance and Operations 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:**

Explanation:

Box 1: Entire table

In Microsoft Dynamics AX, groups of records can be cached all at once with set-based caching. Set-based caching can be implemented in two ways:

At design time, by setting the table's CacheLookup property to EntireTable.

In code, by using the RecordViewCache class.

Box 2: Found

\* Record caching is enabled for a table when all the following statements are true:

\* The CacheLookup property on the table is enabled by setting it to one of the following values:

\* NotInTTS, Found, FoundAndEmpty.

\* The record buffer disableCache method has not been called with a parameter of true.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/set-based-caching>

<https://docs.microsoft.com/en-us/dynamicsax-2012/developer/single-record-caching>

**NEW QUESTION: 81**

You are a Dynamics 365 Finance developer.

Users must be able to view a filtered customer list from within a workspace.

You need to add the customer form to a workspace.

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

**Answer:**

Explanation:

Step 1: Open the customer form and apply filters to the grid.

To add a list to a workspace, first sort or filter the list on the page so that it shows the information as you want it to appear in the workspace.

Step 2: Select the General menu item then select Add to workspace

This workspace will be selected in step 3.

Step 3: Select the Options actions pane tab and then select Add to workspace.

For some pages that include lists, the Add to workspace personalization feature is available in the Personalize group on the Options tab of the Action Pane. This feature lets you push relevant information from the current list to a specific workspace.

Step 4: Select Configure

After you select Configure, a dialog box appears, where you can select the columns that should appear in the list in the workspace.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/get-started/personalize-user-experience>

### **NEW QUESTION: 82**

You have a cloud-based Dynamics 365 Finance production environment.

You need to access the data to create Microsoft Power BI reports for the business.

What should you use?

- A. data entities
- B. Power BI embedded
- C. aggregate dimensions
- D. views

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 83**

A company is implementing Dynamics 365 Finance. Vendors receive a risk rating that is determined by their on-time delivery performance as well as their credit rating.

You need to implement the following risk rating functionality:

The risk rating must accompany the credit rating when the credit rating is used.

The risk rating must be able to be used in other areas of the solution to determine processing outcomes.

The risk rating must consist of the following values:

- 1 = Good
- 2 = Medium
- 3 = Risky

The risk rating must be displayed in the Miscellaneous Details tab below the Credit Rating and Credit Limit fields in the Vendor form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/learn/modules/build-edt-enums-finance-operations/>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/fields-field-groups-subpattern>

### **NEW QUESTION: 84**

You are a Dynamics 365 Finance developer. You need to create an extension class. Which action should you perform?

- A. Mark the class as final.
- B. Mark the class as public.
- C. Add the class buffer as the first parameter.

D. Mark the class as protected.

**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 85

You are a Dynamics 365 Finance developer.

Several users check out a custom form version control and modify the form.

You need to find the user that has added a specific line of code to the form.

What should you do?

A. Open the object in Object Designer, select the title of the object, and then right-click View History.

B. In Solution Explorer, navigate to the object and right-click View History.

C. Using Visual Studio, navigate to the object. Add the object to a new solution, and then right-click View History.

D. Using Visual Studio, navigate to the object in Application Explorer and right-click View History.

**Answer: D (LEAVE A REPLY)**

In Visual Studio, Go to source control explorer > Select the object > right click > View history Reference:

<https://dynamicsuser.net/ax/f/developers/93354/how-to-rollback-a-change-set-completely-automatically-in-tfs>

### NEW QUESTION: 86

You need to implement the company's integration requirements.

Which integration strategies should you use? To answer, drag the appropriate integration strategies to the correct requirements. Each integration strategy 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:**

Explanation:

Box 1: asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 2: Synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 3: Synchronous

Box 4: asynchronous

Batch data is asynchronous.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview#synchronous-vs-asynchronous-integration-patterns>

### NEW QUESTION: 87

You are a Dynamics 365 Finance and Operations developer.

You need to use the Extensible Data Security (SDS) framework to restrict to the data in the Sales table form 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 actions to the answer area and arrange them in the correct order.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/sysadmin/security-architecture>

<https://community.dynamics.com/365/b/exploringdynamics365/posts/extensible-data-security-in-d365>

**NEW QUESTION: 88**

You are a Dynamics 365 Finance developer.

You need configure table caching.

Which CacheLookup properties should you use? To answer, drag the CacheLookup properties to the correct table. Each property 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:**

Explanation

Parameters: EntireTable

Transaction: NotInTTS

Master Data: Found

Region specific master data: FoundAndEmpty

<https://community.dynamics.com/365/financeandoperations/b/performanceandtricks/posts/dynamics-365-for->

**NEW QUESTION: 89**

A company uses Dynamics 365 Supply Chain Management.

You need to monitor system performance.

Which tool should you use? To answer, drag the appropriate tools to the correct requirements. Each tool 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:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/monitoring-diagnostics>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/lifecycle-services/performance-troubleshooting>

**NEW QUESTION: 90**

You need to implement the integration for the Vendor Exclusion List form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: Table extension

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

Implement the Excel integration for the Vendor Exclusion List form.

The table extension object allows you to add additional fields or to change some properties on a table provided by the Dynamics 365 Business Central service. In this way, you can add data to the same table and treat it as a single table.

Box 2: Unique key

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

Box 3: Build and synchronize the database.

A project property lets you specify that the synchronize operation for the database should be performed every time that you build the project. This can be useful when you're making changes to the table structure for an application. Each time that you build, you will know that the database is synchronized with the tables as they are defined in the project.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/business-central/dev-itpro/developer/devenv-table-ext-object>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/build-operations#synchronizing-the-database-at-each-build>

**NEW QUESTION: 91**

You need to implement the company's integration requirements.

Which integration strategies should you use? To answer, drag the appropriate integration strategies to the correct requirements. Each integration strategy 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:**

Explanation:

Box 1: asynchronous

An asynchronous pattern is a non-blocking pattern, where the caller submits the request and then continues without waiting for a response.

Box 2: Synchronous

A synchronous pattern is a blocking request and response pattern, where the caller is blocked until the callee has finished running and gives a response.

Box 3: Synchronous

Box 4: asynchronous

Batch data is asynchronous.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/integration-overview#synchronous-vs-asynchronous-integration-patterns>

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### NEW QUESTION: 92

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 bring your own database (BYOD)
- B. a public data entity and the Excel add-in
- C. a data entity and a Data management import job
- D. a data entity and Entity store

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 93

You are a Dynamics 365 Finance developer.

You need to troubleshoot performance issues for a client.

Which Lifecycle Services (LCS) tools should you use for each environment? To answer, drag the appropriate environment types to the correct tools. Each environment type may be used once, more than once, or not at all. You may need to drag the split bar between panes scroll to view content.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: User Acceptance Testing (UAT) and Build

Box 2: User Acceptance Testing (UAT) Only

Not all environments contain all the tools. The following table shows the tools that are available for each type of environment.

Box 3: Build only

Reference:

<http://axhelper.com/?p=16527>

## NEW QUESTION: 94

### HOTSPOT

You need to create the new table for the vendor exclusion list.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer:

Explanation:

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

- \* Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.
- \* Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.
- \* Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.
- \* Maintain referential integrity with other tables.

Box 1: a table extension for Vendors and relation for the Vendor exclusions Box 2: Relationship Type

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/develop-composite-data-entities>

## NEW QUESTION: 95

You are a Dynamics 365 Finance developer.

You need to add a new status named InTransit to the SalesTable.SalesStatus field and use the status in code.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

### Answer:

Explanation:

Box 1: Create an extension of SalesStatus

To modify properties on an existing field in a table, you must first create an extension for the table.

Box 2: SalesStatus::InTransit

Incorrect Answers:

Overlay: Overlaying code, the now-outdated way to implement customer-specific functionality under Dynamics AX, involved customizing programming within Microsoft's code and recompiling the application.

Reference:

<https://docs.microsoft.com/sv-se/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-existing-field>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-enums>

## NEW QUESTION: 96

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. Clustered index
- C. Configuration key
- D. Table group

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 97**

DRAG DROP

You create a Visual Studio project named ProductUpdates.

You must update data in a table named ProductTable. You must be able to run the code from Visual Studio.

You need to create an X++ class.

Which five 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.

Select and Place:

**Answer:**

Explanation:

Step 1: Create a runnable class and add it to the ProductUpdates project.

Step 2: Create a class extension of the ProductTable and add it to the ProductUpdates project.

Step 3: Write database manipulation code in the class

Step 4: Build and run the class.

Step 5: Set the class as the startup project.

Reference:

<https://community.dynamics.com/365/financeandoperations/b/daxology/posts/runnable-class> Implement Reporting Testlet 1 Case study This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

### Background

Wide World Importers sell office supplies, furniture, and fittings to their customers across the United States. The company has the following locations:

- \* a retail store in Seattle
- \* a warehouse in Seattle
- \* a customer support and call center in Atlanta
- \* a team of field workers that provide furniture installation services at customer sites.

Wide World Importers plans to implement Dynamics 365 Finance and Microsoft Azure cloud platform features.

### Current environment

Customers may place orders by email, phone, or by using the company's website. The company authorizes and processes credit card transactions by using a web-based application. Customer, inventory, supplier, and other master and transactional data is stored in a legacy database.

The company collects feedback from customers by phone or a form on the company's website and maintains the data in a Microsoft Excel workbook.

Wide World Importers runs on-premises applications to manage payroll and workers compensation. The company has a set of Microsoft Power BI dashboards that present data from a reporting database.

The company creates a Lifecycle Services (LCS) implementation project and completes Dynamics 365 Finance onboarding.

The company maintains production, quality assurance (QA), development, user acceptance testing (UAT), and build environments.

### Requirements

#### General

- \* You must configure a cloud-based Dynamics 365 Finance development environment and enable code extension that support updates.
- \* You must configure version control and a Build environment.
- \* You must migrate all legacy data to the new system.
- \* You must implement best practices for X++ coding, the data model, caching, and security.
- \* All new code must be unit tested in a development environment and then validated by the QA team before code is added to source control.

#### Business processes

- \* You must configure vendor trade agreements.
- \* Products must be shipped directly from suppliers to customers depending on customer location to save indirect costs.
- \* You must collect customer feedback on products shipped directly from vendors.

- \* You must deploy code to a UAT environment for testing before deploying code to production.
- \* You must validate all entries for the purchase order creation form.
- \* You must develop a web portal that allows customers to browse products, place orders, and check order status. Product data for the web portal must be integrated as periodic batches.

#### Business systems

- \* You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.
- \* The workers compensation application must be able to call an API to update worker compensation details in Dynamics 365 Finance.
- \* You must develop a process to import payroll journals into the system.
- \* You must configure the warehouse mobile device portal for warehouse operations.
- \* You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

#### Vendor exclusion list

You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination.

The solution must meet the following requirements:

- \* Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.
- \* Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.
- \* Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.
- \* Implement the Excel integration for the Vendor Exclusion List form.
- \* Provide functionality to periodically export the Vendor exclusion list to prepare reports by using standard reporting capabilities of Dynamics 365 Unified Operations.
- \* Develop necessary security permissions to view and maintain the new Vendor exclusion list functionality and reporting. Users with maintain rights will be able create, update, and delete the exclusion list. Permissions must be assigned to security roles to match company security model.
- \* Maintain referential integrity with other tables.
- \* Users must be presented with a warning message before a direct delivery purchase order is created for a vendor in exclusion list.
- \* Sales managers must be alerted when a new exclusion record is added to the system.

#### Security

- \* You must implement the record level audit feature to identify the users who created the record.
- \* Grant specific users rights to maintain the vendor exclusion list by using Excel.
- \* You must implement validation to check whether a proposed direct delivery purchase order vendor is on the exclusion list for the customer and product combination.

#### Issues

User1 is not able to access many features in the system. You must provide User1 administrator rights. A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

Developer2 joins the company and does not have access to a development environment or source control. User2 reports performance issues when they generate direct delivery purchase orders after current updates are applied.

User2 reports that they cannot access new functionality and reports.

### NEW QUESTION: 98

You are a Dynamics 365 Finance developer. You create an integer variable named totalSales.

You need to display the value from totalSales in an info statement.

Which three code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Option A

B. Option B

C. Option C

D. Option D

**Answer: A,C,D (LEAVE A REPLY)**

A: int2Str converts an integer to the equivalent string.

C: any2Str converts an anytype value to a str value. The anytype data type is a placeholder for any data type.

D: Example:

```
void MyMethod()
{
for (int i = 0; i < 10; i++)
{
info(strfmt("i is %1", i));
}
}
```

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-variables-data-types>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-data-primitive#anytype>

### NEW QUESTION: 99

You are creating entities that will have unmapped fields.

You need determine which types of unmapped fields 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:**

Explanation

Box 1: Computed

Computed field: Value is generated by an SQL view computed column.

During read, data is computed by SQL and is fetched directly from the view.

Box 2: Computed

Box 3: Virtual

Virtual field:

Is a non-persisted field.

Is controlled by custom X++ code.

Read and write happens through custom X++ code.

Virtual fields are typically used for intake values that are calculated by using X++ code and can't be replaced by computed columns.

Box 4: Virtual

Virtual field is a non-persisted field.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/data-entities/data-entity-computed-column>

### **NEW QUESTION: 100**

You have the following class definition:

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.

**Answer:**

### **NEW QUESTION: 101**

You are the Dynamics 365 Finance Developer.

You have the following class definition:

You need to create an extension class and wrap the method by using Chain of Command (CoC), if the value of the Qty variable is less than 5, the code must cause an exception.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Box 1: final class WebShopOrderVal\_Extension

Box 2: public static void checkQtyValue(int Qty)

Incorrect Answers:

Public void ...

If a static method is the target that will be wrapped, the method in the extension must be qualified by using the static keyword.

Int Qty=0

The method signature in the wrapper method must not include the default value of the parameter.

Public int

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

### **NEW QUESTION: 102**

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. SysEntryPointAttribute
- B. SysObsoleteAttribute
- C. SysAttribute
- D. getAttributes

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 103**

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:** ([SHOW ANSWER](#))

String size can be defined only on root EDTs. The system will use the largest value that is defined across the EDT and its extensions.

Labels and Help text properties can be changed by an extension, but only one value can remain.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-edts>

### **NEW QUESTION: 104**

You need to configure filtering for the Vendor Past Due Invoices form.

Which two filtering types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. QuickFilter
- B. Advanced Filter
- C. Filter pane

#### D. Grid Column Filtering

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 105

A company plans to deploy Dynamics 365 Unified Operations.

You need to recommend deployment options for the company.

What should you recommend? To answer, drag the appropriate deployment options to the correct application requirement. Each deployment option 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:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/get-started/cloud-prem-comparison>

#### NEW QUESTION: 106

You are a Dynamics 365 Finance and Operations developer.

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

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.

**Answer:**

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-exceptions>

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