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We understand your itching desire of the exam. Do not be bemused about the exam. We will satisfy your aspiring goals. Our MB-500 real questions are high efficient which can help you pass the exam during a week. We just contain all-important points of knowledge into our MB-500 latest material. And we keep ameliorate our MB-500 latest material according to requirements of MB-500 exam. Besides, we arranged our MB-500 Exam Prep with clear parts of knowledge. You may wonder whether our MB-500 real questions are suitable for your current level of knowledge about computer, as a matter of fact, our MB-500 exam prep applies to exam candidates of different degree. By practicing and remember the points in them, your review preparation will be highly effective and successful.

Topics of MB-500: Microsoft Dynamics 365: Finance and Operations Apps Developer Exam

Candidates should apprehend the examination topics before they begin of preparation.because it'll extremely facilitate them in touch the core. Our **MB-500 exam dumps** will include the following topics:

1. Plan Architecture and Solution Design (10-15%)

Identify the major components of Dynamics 365 Finance and Operation

- Prepare and deploy the deployment package
- Differentiate the purpose and interrelationships between packages, projects, models, and elements
- Identify components of the application stack and map them to the standard models
- Identify architectural differences between the cloud and on-premises versions of Dynamics FO
- Select application components and architecture based on business components

Design and implement a user interface

- Describe the Dynamics 365 FO user interface layout and components
- Select page options
- Identify filtering options
- Design the workspace and define navigation

Implement Application Lifecycle Management (ALM)

- Create overlayered and extension models
- Configure the DevOps source control process
- Select the purpose and appropriate uses of LCS tools and components

2. Apply Developer Tools (10-15%)

Customize Dynamics 365 FO by using Visual Studio

- Design and build projects
- Synchronize data dictionary changes with the application database
- Create elements by using the Element Designer
- Manage metadata using Application Explorer

Manage source code and artifacts by using version control

- Compare code and resolve version conflicts
- Create, check out, and check in code and artifacts

Implement D365 FO framework functionality

- Implement the SysOperation framework
- Implement asynchronous framework
- Identify the need for and implement the Sandbox framework
- Implement workflow framework
- Implement the unit test framework

3. Design and Develop AOT Elements (20-25%)

Create forms

- Configure a data source for the form
- Add a form extension to a project for selected standard forms
- Create and populate menu items

Create and extend tables

- Add tables and table fields to a project
- Add fields, field groups, relations, and indices
- Add a table extension to a project for a table
- Populate table and field properties

Create Extended Data Types (EDT) and enumerations

- Add or update enumeration elements
- Add an enumeration to a project
- Add an EDT to a project and populate EDT properties
- Add an extension of EDT and enumerations
- Add or update enumeration element properties

Create classes and extend AOT elements

- Create a new class extension and add new methods
- Add a new class to a project
- Add event handler methods to a class

4.Develop and Test Code (10-15%)

Develop X++ code

- Identify and implement global functions in X++
- Identify and implement base types and operators
- Implement table and form methods
- ensure correct usage of Display Fields
- Create, read, update, and delete (CRUD) data using embedded SQL code

Develop object-oriented code

- Implement query objects and QueryBuilder
- Implement X++ variable scoping
- Implement attribute classes
- Implement chain of command

- Implement inheritance and abstraction concept

5. Implement Reporting (10-15%)

Describe the capabilities and limitations of reporting tools in Dynamics 365 FO

- Create and modify report data sources and supporting classes
- Implement reporting security requirements
- Describe the report publishing process

Design, create, and revise Dynamics Reports

- Create and modify reports in Dynamics 365 FO that use SQL Server Reporting Services (SSRS)
- Create and modify reports in Dynamics 365 FO by using Microsoft Excel
- Create and modify reports in Dynamics 365 FO by using Power BI

Design, create, and revise Dynamics workspace

- Implement built-in charts, KPIs, aggregate measurement, aggregate dimension, and other reporting components
- Design KPIs
- Create drill-through workspace elements

6.Integrate and Manage Data Solutions (10-15%)

Identify data integration scenarios

- Select appropriate data integration capabilities
- Identify differences between synchronous vs. asynchronous scenarios

Implement data integration concepts and solutions

- Develop, import, and export composite data entities
- Develop a data entity in Visual Studio
- Identify and manage unmapped fields in data entities
- Integrate Dynamics 365 FO with Excel using OData
- Develop and integrate Microsoft Flow and Power Apps

Implement data management

- generate field mapping between source and target data structures
- Monitor the status and availability of entities
- Develop data transformations
- enable Entity Change Tracking

7. Implement Security and Optimize Performance (10-15%)

Implement role-based security policies and requirements

- Enforce permissions policy
- Create or modify duties, privileges, and permissions
- Implement record-level security by using Extensible Data Security (XDS)

Apply fundamental performance optimization techniques

- Create or modify temp tables for optimization
- Modify queries for optimization
- Analyze and optimize concurrency

Optimize user interface performance

- Diagnose and optimize client performance by using Performance Timer
- Diagnose and optimize client performance by using browser-based tools

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The Itcerttest is committed to ace the MB-500 exam preparation and success journey successfully in a short time period. To achieve this objective the Itcerttest is offering Microsoft Dynamics 365: Finance and Operations Apps Developer (MB-500) practice test questions with high-in-demand features. The main objective of Itcerttest Microsoft MB-500 Practice Test questions features to assist the MB-500 exam candidates with quick and complete Microsoft MB-500 exam preparation.

Microsoft MB-500 Exam is designed for individuals who have experience in developing applications for Microsoft Dynamics 365: Finance and Operations. MB-500 exam tests the skills and knowledge of the candidates in designing, developing, testing, and deploying solutions using Microsoft Dynamics 365 Finance and Operations. MB-500 exam is part of the certification path for the role of Microsoft Dynamics 365: Finance and Operations Apps Developer.

Skills measured

- Design and develop AOT elements (20-25%)
- Implement security and optimize performance (10-15%)
- Develop and test code (10-15%)
- Apply developer tools (10-15%)
- Implement reporting (10-15%)
- Plan architecture and solution design (10-15%)

Microsoft Dynamics 365: Finance and Operations Apps Developer Sample Questions (Q68-Q73):

NEW QUESTION # 68
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. Advanced Filter
- B. Grid Column Filtering
- C. QuickFilter
- D. Filter pane

Answer: B,C

Explanation:
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

NEW QUESTION # 69
You are a Dynamics 365 Finance developer. You create a form.
You must ensure that only sales managers can view the form.
You need to set up security for the form.
What should you do? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Step	Action
1	▼
	Add the menu item for the form to the entry point node of a new privilege.
	Add the form object to the entry point node of a new privilege.
	Add the form object to the directaccesspermissions node of a new privilege.
2	▼
	Add the privilege to a new duty.
	Add the menu item for the form to the directaccesspermissions node of a new privilege.
	Add the privilege to a new security policy.
3	▼
	Add the duty to the security role for sales managers.
	Add the security policy to the security role for sales managers.

Answer:

Explanation:

Step	Action
1	▼
	Add the menu item for the form to the entry point node of a new privilege.
	Add the form object to the entry point node of a new privilege.
	Add the form object to the directaccesspermissions node of a new privilege.
2	▼
	Add the privilege to a new duty.
	Add the menu item for the form to the directaccesspermissions node of a new privilege.
	Add the privilege to a new security policy.
3	▼
	Add the duty to the security role for sales managers.
	Add the security policy to the security role for sales managers.

Reference:

https://www.cloudfronts.com/set-form-control-access-via-security-role-in-d365-finance/

NEW QUESTION # 70
You have a Dynamics 365 Finance and Operations environment.
You have the following code: (Line numbers are included for reference only.)

```
01  class SalesPriceDiscount
02  {
03     ...
04     public void calculatePrice
05     {
06        ...
07     }
08     public static AmountCur getDiscount(Percent markup)
09     {
10        ...
11     }
12  }
13  [ExtensionOf(classStr(SalesPriceDiscount))]
14  final class SalesPriceDiscountMy_Extension
15  {
16     public void calculatePrice()
17     {
18     ...
19       next calculatePrice()
20       ...
21     }
22  }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statement	Yes	No
The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.	O	O
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	O	O
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	O	O
The extension class can be instantiated by running the following code: `SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();`	O	O

Answer:

Explanation:

Statement	Yes	No
The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.	⊙	○
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	⊙	○
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	⊙	○
The extension class can be instantiated by running the following code: `SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();`	○	⊙

Explanation:

Box 1: Yes

Class extension - Method wrapping and Chain of Command.

The functionality for class extension, or class augmentation, has been improved. You can now wrap logic around methods that are defined in the base class that you're augmenting. You can extend the logic of public and protected methods without having to use event handlers. When you wrap a method, you can also access public and protected methods, and variables of the base class. In this way, you can start transactions and easily manage state variables that are associated with your class.

Box 2: Yes

In the following example, the wrapper around doSomething and the required use of the next keyword create a Chain of Command (CoC) for the method. CoC is a design pattern where a request is handled by a series of receivers. The pattern supports loose coupling of the sender and the receivers

[ExtensionOf(classStr(BusinessLogic1))]

final class BusinessLogic1_Extension

{

str doSomething(int arg)

{

// Part 1

```
var s = next doSomething(arg + 4);
// Part 2
return s;
}
}
```
Box 3: Yes

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

Box 4: No

Wrapper methods must always call next.

Note: Wrapper methods in an extension class must always call next, so that the next method in the chain and, finally, the original implementation are always called. This restriction helps guarantee that every method in the chain contributes to the result.

In the current implementation of this restriction, the call to next must be in the first-level statements in the method body.

Here are some important rules:

* Calls to next can't be done conditionally inside an if statement.
* Calls to next can't be done in while, do-while, or for loop statements.
* A next statement can't be preceded by a return statement.
* Because logical expressions are optimized, calls to next can't occur in logical expressions. At runtime, the execution of the complete expression isn't guaranteed.

Reference:

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

NEW QUESTION # 71

A company uses Dynamics 365 finance and operations apps.

The company must implement efficient business events to allow an external system to subscribe to events coming from Dynamics 365 finance and operations apps.

You need to ensure the business events are efficient.

Which two methods should you use for the configuration? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point

- A. Endpoints allowed per event
- B. HTTP time-out
- C. Retry count
- D. Bundle size

Answer: C,D

NEW QUESTION # 72

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 must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error. You have the following class: the numbers are included for reference only.)

```
01
02 public class Vehicle
03 {
04
05    public int bike()
06    {
05    }
07    public int automobile()
08    {
09    }
10    public int bicycle()
11    {
12    }
13 }
```

You need 10 ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

Insert the following code at line 04:

```
[SysObsoleteAttribute("Deprecated. Please use the Bicycle class instead.", false)]
```

Does The solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION # 73

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