



Microsoft

Exam Questions MB6-894

Development, Extensions and Deployment for Microsoft Dynamics 365 for Finance and Operations

NEW QUESTION 1

You are working for a client in a new Microsoft Dynamics 365 for Finance and Operations developer virtual machine (VM). The client has existing models and solutions checked into version control with Visual Studio

Team Services.

You connect to the Visual Studio Team Services site and want to access the client's existing models to view X++ source code in the Application Object Tree (AOT).

To achieve this goal, which two directories do you need to map to your local VM? Each correct answer presents part of the solution.

- A. Metadata
- B. BuildProcessTemplates
- C. Main
- D. Projects

Answer: AD

Explanation: Section: Understand the architecture and development environment (20- 25%)

NEW QUESTION 2

You are developing a Cloud point-of-sale (POS) solution for Microsoft Dynamics 365 for Retail that validates a member's loyalty points.

You add a method to the RetailTransactionServiceEx class to validate the loyalty points. Which service did you extend when you added this method?

- A. Sync Service
- B. Commerce Runtime (CRT) Services
- C. Real-time Service
- D. Internet Information Services

Answer: C

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/retail/dev-itpro/extend-commerce-data-exchange>

NEW QUESTION 3

You create a new retail server API for a Cloud point-of-sale (POS) solution in Microsoft Dynamics 365 for Retail.

You need to register your new retail server extension. Which file should you update?

- A. Retail Store Front web.config
- B. Retail Server web.config
- C. Retail Cloud POS web.config
- D. AOS Service web.config

Answer: B

Explanation: Section: Understand the architecture and development environment (20-25%) Explanation

Explanation/Reference:

Before calling the new retail server API please make sure you have performed the below steps:

1. Register your new retail server extension in Retail server web.config file: `<add source="assembly" value="Your assembly name" />`
2. Add the new retail server extension in the Customization.settings file. You can find this file in `RetailSdk\BuildTools<RetailServerLibraryPathForProxyGeneration Condition="$(RetailServerLibraryPathForProxyGeneration)' == ''>$(SdkReferencesPath)\Your assembly name.dll</ RetailServerLibraryPathForProxyGeneration> </PropertyGroup>`
3. Drop both the CRT and Retail server extension dlls into the retail server bin folder. If you have any CRT extension that is related to the new retail server api then update that information in commerceRuntime configuration file under retail server bin folder.
4. `<add source="assembly" value="Your assembly name" />`
5. Use inetmgr to browse to the retail server metadata and verify whether your entity is exposed in the xml.

NEW QUESTION 4

Compile and build the mpos/Cloud POS to regenerate the proxy.

6. Developers on your team need to use IntelliSense during the coding process by supplying a list of potential elements from the Application Object Tree (AOT). Because you are converting from an earlier version of the MorphX environment that did not have IntelliSense, you need to explain advantages of IntelliSense to the development team.

Which two descriptions should you provide to your team? Each correct answer presents a complete solution.

- A. It helps maintain consistent spelling of elements.
- B. It prompts the user for known methods and possible choices.
- C. It consumes assemblies directly within the application.
- D. It can efficiently reference classes that are available in other .NET assembly DLL files.

Answer: BD

NEW QUESTION 5

You are working for a client who has a cloud-hosted production system on Microsoft Dynamics 365 for Finance and Operations.

The client requests for you to apply to a package to the Production environment. What should you do?

- A. Log onto each Production AOS cloud-hosted server, and use ModelUtil.exe to import the package into the Production model store.
- B. Generate a runbook for the package by using AXUpdateInstaller.exe, and execute the runbook on each Production AOS cloud-hosted server.
- C. Log into Lifecycle Services (LCS) for the client's project, view the details for the Production environment, click on Maintain, and then Apply updates.
- D. Log into Lifecycle Services (LCS) for the client's project, click on Service requests, and, then create a service request to apply the package.

Answer: C

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/deployment/apply-deployablepackage-system>

NEW QUESTION 6

You are in a product meeting with a new client.

The client asks about the key components for the commerce data exchange for retail development.

Which two features should you describe to the client? Each correct answer presents part of the solution.

- A. Data Access
- B. API
- C. Retail Schedule
- D. Master Data

Answer: CD

NEW QUESTION 7

You have built a package to deploy retail modifications into a source environment for multiple models.

What is a result of building this package?

- A. Build artifacts are removed from the previous build.
- B. The .NET module that contains the element is incorporated.
- C. Only recently changed objects are rebuilt.
- D. Only the elements for the current project are built.

Answer: B

Explanation: <https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/dev-tools/build-operations>

NEW QUESTION 8

Your coding team is moving from the Peri programming language to X++ code, and you need to explain the key operations of the X++ language to junior programmers.

Which operator decrements the current value of the variable on the left by the expression on the right?

- A. -=
- B. =
- C. -
- D. - -

Answer: A

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/dev-ref/xpp-operators>

NEW QUESTION 9

Which of the Microsoft Dynamics 365 for Finance and Operations application stack provides financial and human resources management functionality?

- A. Application Suite
- B. Application Object
- C. Application Foundation
- D. Application Platform

Answer: A

Explanation: Section: Understand the architecture and development environment (20- 25%)

Explanation/Reference:

Most of the functionality we associate with Dynamics 365 for Finance and Operations is added in the Application Suite. Specific examples include the financial management, inventory or warehouse management, human resources management or the fleet management scenario.

NEW QUESTION 10

You are developing a solution to insert and update records in a table named Table1, and you need to ensure that you handle the possible exceptions. Table1 does not have any unique indexes that include the ID or the Description fields.

The table has the following structure:

```
# ID (Int) Description (String 60)
01 1 Record 1
02 2 Record 2
03 3 Record 3
04 4 Record 4
```

Additionally, you have the following X++ code:

```
Int counter = 3, maxValue = 4;
Table1 table1;
try
{
    for(counter = 3; counter<6; counter++)
    {
        table1.clear();
        table1.ID = counter;
        table1.Description = strfmt("Record %1", counter);
        table1.insert();
        If(counter == maxValue)
        {
            Info("Max value");
            throw error ("DDError");
            break;
        }
    }
}
catch(Exception::Error)
{
    Info("Error has occurred");
}
catch(Exception::DDError)
{
    Info("Data error");
}
catch(Exception::Break)
{
    Info("Break");
}
```

What is the output of the X++ code?

- A. Max value DDError Data error
- B. Break
- C. Data error_RC
- D. Max value DDErrorError has occurred

Answer: D

Explanation: Section: Read and Write Basic X++ (20-25%)



NEW QUESTION 10

You want to create a new security policy named VendGroupSecPolicy that causes users who are assigned a specific role to view the vendors in vendor group 100 only.

You have created a policy query named VendGroup100Policy and designed it so that the VendTable is the primary table. The users that will be affected by VendGroupSecPolicy must be categorized into an existing security role named VendGroup100XDSRole.

You set the Query property on VendGroupSecPolicy to VendGroup100Policy and the Primary Table property to VendTable.

Which values should you set on the properties on VendGroupSecPolicy?

- A. Set the Context String property to VendGroup100XDSRole and the Context Type property to ContextString.
- B. Set the Context String property to VendGroup100XDSRole and the Context Type property to RoleName.
- C. Set the Role Name property to VendGroup100XDSRole and the Context Type property to RoleName.

D. Set the Role Name property to VendGroup100XDSRole and the Context Type property to ContextString.

Answer: C

Explanation: References:

<https://msdn.microsoft.com/en-us/library/hh300643.aspx>

NEW QUESTION 14

You work in a Microsoft Dynamics 365 for Finance and Operations development environment.

You need to debug X++ source code in Microsoft Visual Studio.

To achieve this goal, which process should be attached to the Visual Studio Remote Debugger?

- A. w3wp.exe
- B. Ax32Serv.exe
- C. iexplorer.exe
- D. msvsmon.exe

Answer: B

Explanation: References:

<https://msdn.microsoft.com/en-us/library/gg860898.aspx>

NEW QUESTION 19

You are an Independent Software Vendor (ISV) developer who is responsible for maintaining code for a solution. During code review, the reviewer identifies the following block of code:

```
private void processLineFromFile (str _lineFromFile)
{
    str lineType = this.lineTypeFromLine(_lineFromFile);

    switch (lineType)
    {
        case 'I':
            this.processItemLineFromFile(_lineFromFile);
            break;
        case 'S':
            this.processServiceLineFromFile(_lineFromFile);
            break;
        case 'R':
            this.processReturnLineFromFile(_lineFromFile);
            break;
        default:
            throw error("@XYZ:InvalidLineErrorMsg");
    }
}
```

The reviewer requests that you improve readability by removing hard coded values in the code.

Which two steps should you take to fulfill the request? Each correct answer presents part of the solution.

A. Add the following lines to the beginning of the class

```
#define.ItemLine( ' I ' )
#define.ServiceLine( ' S ' )
#define.ReturnLine( ' R ' )
```

B. Make the following changes to the case statement lines:

```
"case 'I' : " to "case Macro: :ItemLine:"
"case 'S' : " to "case Macro: :ServiceLine:"
"case 'R' : " to "case Macro: :ReturtnLine:"
```

C. Make the following changes to the case statement lines:

```
"case 'I' : " to "case ItemLine:"
"case 'S' : " to "case ServiceLine:"
"case 'R' : " to "case ReturnLine:"
```

D. Add the following lines to the beginning of the class:

```
const str Itemline = 'I' ;
const str ServiceLine = 'S' ;
const str ReturnLine = 'R' ;
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: CD

NEW QUESTION 20

You finish developing a model named CompletedModel1 that contains objects. Which three items from the model must be included to build the CompletedModel1 model during the package build on the build server? Each correct answer presents part of the solution.

- A. CompletedModel1 build result file
- B. Metadata of objects in CompletedModel1
- C. Source code of objects in CompletedModel1
- D. Visual Studio solution file
- E. CompletedModel1 descriptor file

Answer: BCE

Explanation: Section: Understand the architecture and development environment (20- 25%)

Explanation/Reference:

A Dynamics AX package is a deployment and compilation unit of one or more models. It includes model metadata, binaries, cubes and other associated resources. One or more AX packages can be packaged into a deployment package, which is the vehicle used for deployment on UAT and production environments. Packages are packaged into a deployable package file for deployment to Sandbox or production environments.

NEW QUESTION 24

You are working for a client in an existing Microsoft Dynamics 365 for Finance and Operations environment. The client requests a security change on a form named Form1 that already exists in the environment. Form1 contains a single data source and a grid object. The grid object queries on the data source.

Form1 also has the following buttons located in the Action pane:

- ? one with the Name property set to CreateRecord, which creates new records in the data source,
- ? one with the Name property set to DeleteRecord, which deletes records in the data source, and
- ? one with the Name property set to RunMethod

There is a Display Menu Item with the Name property set to OpenForm1, the ObjectType property set to Form, and the Object property set to Form1.

You need to create a privilege that allows roles containing the privilege to delete records on the form, but denies access to the RunMethod button.

You create a new privilege named NewPrivelege1, and you add OpenForm1 as an entry point to NewPrivelege1. You set the AccessLevel to Delete on the OpenForm1 entry point.

Which value should you set on the NeededPermission property on the RunMethod button?

- A. Create
- B. Manual
- C. Correct
- D. Delete

Answer: B

NEW QUESTION 28

You are installing Microsoft Dynamics 365 for Retail in a store location that has limited Internet connectivity. You need to implement a solution that supports multiple point-of-sale (POS) devices that have shared shifts. Which component should you install to achieve this goal?

- A. Retail Headquarters
- B. Retail Store Scale Unit
- C. Commerce Runtime (CRT)
- D. Retail Software Development Kit (SDK)

Answer: B

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/retail/retail-components>

NEW QUESTION 31

You manage package deployments for a Microsoft Dynamics 365 Retail environment, and you need to determine if a package rebuild is necessary. Which scenario requires a package rebuild?

- A. You want to re-run a build due to warnings that appear in the Error List pane concerning best practices.
- B. You want to force a build of all objects, regardless of whether they have changed.
- C. You want to build dependent and reference models at the same time.
- D. You cannot set the Synchronize database on the Build Property to True.

Answer: B

Explanation: Section: Develop and extend retail components (15-20%) Explanation

Explanation/Reference:

The rebuild will perform a full compile, which will take a bit longer. The rebuild option combines the clean and build steps so we don't have to separately run clean and build.

NEW QUESTION 36

You are the programmer on a project and are asked to develop an item that is flexible, allows the user to modify ranges, changes parameter criteria at run time, and allows for sorting.

Which key object meets these requirements?

- A. View
- B. Query
- C. Table
- D. Map

Answer: B

NEW QUESTION 39

You are an Independent Software Vendor (ISV) developer and are working on extending a solution.

You complete a report and need to invoke it.

What are two possible ways to invoke the report? Each correct answer presents a complete solution.

- A. from a Menu Reference located on a Menu artifact
- B. from a Menu Item Button located on a Form artifact
- C. from a Menu Item Reference located on a Menu artifact
- D. from a Menu Button located on a Form artifact

Answer: AC

Explanation: <https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/analytics/extend-report-menu-items>

NEW QUESTION 44

What are the three types of menu items used in Microsoft Dynamics 365 for Finance and Operations?

Each correct answer presents part of the solution.

- A. Form
- B. Output
- C. Action
- D. Display
- E. Report

Answer: BCD

Explanation: Section: Manage the User Interface and Security for Developers (20-25%)

Explanation

Display Menu item: This folder is used to contain menu items that reference runnable objects which are primarily for presenting data to the user such as forms and dialog's.

Output Menu item: An output menu item should have the soul purpose to print a result, mostly used for referencing classes.

Action Menu item: As the name says it, you should create a menu item under this folder if your runnable object has an action to perform, for example creating or updating data.

NEW QUESTION 47

You are working in a model that extends the Application Suite model, and you want to modify the insert method on the SalesLine table using X++ logic. The code looks like the following:

```
... salesLineType.inserted();
```

```
...
```

The salesLineType.inserted() method appears as follows: public void inserted()

```
{
}
```

You need to create a class to run code prior to running the salesLineType.inserted() method in the SalesLineType.insert() method.

What should you do?

- A. Create a new class and extend the onlineserted event.
- B. Create a new class that extends the SalesLineType clas
- C. Overwrite the inserted method on your new class.
- D. Customize the SalesLine tabl
- E. Overwrite the insert() method and add your code immediately before the salesLineType.inserted() method.
- F. Create a new class, and add a method that is a pre-event handler for the salesLineType.inserted() method.

Answer: D

NEW QUESTION 48

You are an Independent Software Vendor (ISV) developer, and you are reviewing the code in a solution.

During the code review, you see the following:

```
using (var sr = new System.IO.StreamReader(_inputFilename))
```

```
{
```

```
var textFromFile = sr.ReadToEnd();
```

```
this.processFileDate(textFromFile);
```

```
}
```

Which two statements about the sr and textFromFile variables are true? Each correct answer presents a complete solution.

- A. The variables storing .Net Framework objects have to be declared using the var keyword.
- B. The var keyword indicates the variables can store values of any type.
- C. The variables are valid within the block of code in which they were declared.
- D. The var keyword infers the type of the variables from their initialization expression.

Answer: CD

Explanation: Section: Read and Write Basic X++ (20-25%)

NEW QUESTION 50

You are a developer for an Independent Software Vendor (ISV).

You need to create new extended data types in Microsoft Dynamics 365 for Finance and Operations.

What are two best practices for extending a series of data types? Each correct answer presents a complete solution.

- A. An EDT should be created for each atomic entity being utilized.
- B. Subtypes are not required for EDTs that do not contain any property changes.
- C. You cannot extend the recID or tableID system data types.
- D. You cannot use EDTs if one of them is a member of the parent extended data.

Answer: AB

Explanation: Section: Develop new elements by using Application Explorer (20-25%)

Explanation/Reference:

Whenever possible, you will want to use EDTs and EDTs should be created for each atomic entity in the situation that your application is modeling. You should only create subtypes when they are needed. In other words, when you are creating an EDT that extends another EDT, but you aren't changing any of its properties, you probably do not need to create a new subtype.

NEW QUESTION 54

You are an Independent Software Vendor (ISV) developer who is working with an existing solution.

The business requirements state that there should be two views of detail data from a parent form.

The business logic of the child forms is similar, but they have slightly different logic for selecting detail data. You conclude that you can meet the requirements by using a single child form.

What should do on the child form to ensure the business requirements are fulfilled?

- A. Create two display menu items, each with a different value in the Enum Parameter property.
- B. Create a single output menu item, and change the Copy Caller Query property to Yes.
- C. Create two display menu items, each with a different value in the Enum Type Parameter property.
- D. Create two output menu items, each with a different query in the Query property.

Answer: D

NEW QUESTION 58

Which area of Microsoft Dynamics 365 for Finance and Operations provides environment monitoring and service level agreement (SLA) monitoring capabilities?

- A. Fleet Management
- B. Shared Services
- C. Application Platform
- D. Lifecycle Services (LCS)

Answer: D

Explanation: Section: Understand the architecture and development environment (20-25%) Explanation

Explanation/Reference:

Lifecycle Services: This is a multi-tenant shared service that enables a wide variety of lifecycle-related capabilities for Dynamics 365 for Finance and Operations. These capabilities include project tracking, issue submission and tracking, environment monitoring, Service Level Agreement monitoring, data management, as well as software deployment.

NEW QUESTION 62

Which two processes are implemented within the Application Platform model of the Microsoft Dynamics 365 for Finance and Operations application stack? Each correct answer presents a complete solution.

- A. Create an address book for each company business unit.
- B. Integrate workflow processes with external applications.
- C. Create SSRS-based business documents.
- D. Define the legal entity of your organization.

Answer: BC

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/dev-tools/application-stack-serverarchitecture>

NEW QUESTION 63

You are working in a model that extends the Application Suite model. You create an Action menu item named ActivateOrder, and you extend the SalesTable form by adding the ActivateOrder menu item to the ActionPane.

You also have a TradeSalesClerk role that contains the SalesOrderMaintain duty. This duty contains the SalesTableDetailsMaintain privilege, and this privilege contains an entry point to the SalesTable form.

You need to grant the TradeSalesClerk role access to the ActivateOrder menu. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Extend the SalesTableDetailsMaintain privilege, and add the ActivateOrder menu item as an entry point to the SalesTableDetailsMaintain privilege.
- B. Create a new duty, and create a new privilege
- C. Add the ActivateOrder menu item as an entry point to the new privilege, and add the new privilege to the new duty
- D. Extend the TradeSalesClerk role, and add the new duty.
- E. Create a new privilege, and add the ActivateOrder menu item as an entry point
- F. Extend theSalesOrderMaintain duty, and add the new privilege.
- G. Customize the SalesTableDetailsMaintain privilege, and add the ActivateOrder menu item as an entry point to the SalesTableDetailsMaintain privilege.

Answer: BC

Explanation: Section: Manage the User Interface and Security for Developers (20-25%) Explanation

Explanation/Reference:

As of the current release for Dynamics 365 for Finance and Operations, you cannot extend a privilege.

NEW QUESTION 64

You are an Independent Software Vendor (ISV) developer adding functionality to an existing solution. The solution's model has a label file of XYZen-US.label.txt. You finish creating a job and an action menu item to launch the job. You need to create a new label in the label file for the menu item.

Which two steps are recommended when creating the label? Each correct answer presents part of the solution.

- A. Search for the text of the new label to ensure there are no duplicates.
- B. Give the new label a meaningful Label ID after clicking the New button.
- C. Use all capital letters and numbers for the Label ID of the new label.
- D. Use the Label ID generated by the editor after clicking the New button.

Answer: AD

Explanation: References:

<https://msdn.microsoft.com/en-us/library/aa620083.aspx>

NEW QUESTION 68

You are a developer for an Independent Software Vendor (ISV).

You need to create and modify enumerations within Microsoft Dynamics 365 for Finance and Operations.

Which two statements are true about using extensible enumerations? Each correct answer presents a complete solution.

- A. Integer values that belong to the baseline enum are deterministic.
- B. The default base enum value can be changed.
- C. The Label property on the extended base enum can be modified.
- D. The Label property on any base enum value can be modified.

Answer: AC

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/extensibility/add-enum-value>

NEW QUESTION 73

You are writing an X++ method to delete a SalesLine record.

You need to ensure that the call to the delete() method succeeds.

Which two criteria must be met to accomplish this goal? Each correct answer presents part of the solution.

- A. The record to delete must have been read from the database using the forupdate keyword in a select statement.
- B. The dispose() method must be called after the delete() method is called.
- C. The delete() method must be called inside a transaction by using the ttsbegin and ttscommit statements.
- D. The record to delete must be locked first by calling the selectLocked() method.

Answer: CD

NEW QUESTION 75

According to best practices for Microsoft Dynamics 365 for Finance and Operations, in which two situations should you use labels? Each correct answer presents a complete solution.

- A. when accessing external resources such as web servers
- B. when specifying user interface text for menu items, forms and reports
- C. when programming for all external strings
- D. when specifying the resource for a form image control

Answer: BC

Explanation: References:

<https://msdn.microsoft.com/en-us/library/aa620083.aspx>

NEW QUESTION 77

You are an Independent Software Vendor (ISV) developer and are creating a new form for an existing solution.

Business requirements state that the form must always open in a grid view. What should you modify to fulfill this requirement?

- A. the Open Mode property on the form's menu item
- B. the Window Type property on the form's design
- C. the Form View Option property on the form's menu item
- D. the View Edit Mode property on the form's design

Answer: C

NEW QUESTION 81

You are installing Microsoft Dynamics 365 for Retail at a store location. You want to share a drawer between point-of-sale (POS) clients.

To achieve this goal, which component should you install on the computer connected to the cash drawer?

- A. Hardware Station
- B. Cloud POS
- C. Commerce Runtime (CRT)
- D. Retail Server

Answer: A

Explanation: Section: Understand the architecture and development environment (20- 25%)

Explanation/Reference:

Retail hardware station provides services that enable retail POS clients and peripherals such as printers, cash drawers, and payment devices to communicate with retail server.

NEW QUESTION 83

You are extending primitive data types to make your code more readable, and you need to assign

Extended Data Types (EDT) properties. Which best practice should you follow?

- A. Do not leave the display length and style an Auto.
- B. Ensure that the HelpText property is the same as the label.
- C. Do not use labels for user interface text.
- D. Ensure that you reference an EDT when creating table fields.

Answer:

D

Explanation: Section: Develop new elements by using Application Explorer (20-25%) Explanation

Explanation/Reference:

Wherever possible, you should avoid the creation of table fields which don't reference an EDT, as this makes potential future changes more difficult to implement.

NEW QUESTION 88

You are an Independent Software Vendor (ISV) developer.

You are working on a new solution that will support multiple languages and regions, and you need to use labels.

Which two best practices should you follow when using the labels? Each correct answer presents a complete solution.

- A. Use descriptive text for the label file ID.
- B. Use labels for elements and artifacts.
- C. Use the name of the model for of the label file name.
- D. Use a new label ID for every element or artifact.

Answer: BC

Explanation: Section: Develop new elements by using Application Explorer (20-25%)

Explanation/Reference:

You should use labels for every user-facing element or artifact in Dynamics 365 for Finance and Operations.

For multi-language label files, you should ensure that labels contain appropriate translations of the activity or item that they describe.

You should also use labels when programming for all external strings.

You should create a label file with the same name as the associated model.

NEW QUESTION 90

You are evaluating the following code:

```

01 Int variableA, variable;
02
03 Try
04 {
05     variableA = 5;
06     variableB = 20;
07     variableB -= variableA;
08     if (variableB > variableA)
09     {
10         throw error ("An error has occurred.");
11         error ("Variable cannot be less than variableA");
12     }
13 }
14 Catch (Exception: : Error)
15 {
16     error("Process was aborted");
17 }

```

What is the output of this statement?

A

VariableB cannot be less than variableA
 Process was aborted

B

An error has occurred.
 VariableB cannot be less than variableA
 Process was aborted

C

An error has occurred.
 Process was aborted

D

An error has occurred.
 VariableB cannot be less than variableA

- A. Option A
- B. Option B

- C. Option C
- D. Option D

Answer: C

Explanation: References:

<https://msdn.microsoft.com/en-us/library/aa893385.aspx>

NEW QUESTION 93

What is an example of a best practice for creating base enumerations?

- A. Use base enumerations when there is a variable number of user-defined outcomes.
- B. Value of zero should be used as the default value for base enumerations.
- C. Avoid accessing a constant by using an enumerator.
- D. Avoid assigning labels to enumerations that have a default value.

Answer: B

NEW QUESTION 98

You are planning to use X++ to develop a solution that will update multiple records.

You need to ensure that if the solution attempts to modify records that are currently being edited by a user, the operation will be retried.

Which type of exception should you handle?

- A. UpdateConflict
- B. CodeAccessSecurity
- C. UpdateConflictNotRecovered
- D. Deadlock

Answer: A

Explanation: Section: Read and Write Basic X++ (20-25%)

Explanation/Reference:

UpdateConflict: Indicates that an error has occurred in a transaction that is using Optimistic Concurrency Control. The transaction can be retried (use a retry statement in the catch block).

NEW QUESTION 101

You are an Independent Software Vendor (ISV) developer working on a solution that extends the Commerce Runtime (CRT) to handle new requests for an app deployed to tablets and cell phones.

You are in the developer topology and need to troubleshoot an error and check for events. Under which event log in Event Viewer should you look to see the events?

- A. Commerce-RetailServer
- B. Commerce-OnlineStore
- C. Commerce-LoggingProvider
- D. Commerce-ModernPos

Answer: D

Explanation: Section: Develop and extend retail components (15-20%) Explanation

Explanation/Reference:

Commerce-RetailServer – This log contains events that are logged by the Retail Server components.

Commerce-ModernPos – This log contains events that are logged by Retail Modern POS. These events include events from the TypeScript and C# (CRT) layer.

Commerce-LoggingProvider – This log contains events that are logged by all other Retail components that aren't included in the list earlier in this article.

NEW QUESTION 103

You are debugging in X++ and review the following method:

```
public boolean bestPracticeCheck(Integr _param)
{
    Integr var1, var2;

    var1 = 10;
    _param += var1;

    if (_param > 0)
    {
        return true;
    }
    else
    {
        return false;
    }
}
```

Which three best practices does this method violate? Each correct answer presents part of the solution.

- A. The method does not assign a value to the variable var2.
- B. The If and Else statements should not use braces because each statement is only one line.
- C. The parameter _param should be assigned using the format _param = _param + var1.
- D. The method manipulated the parameter _param.
- E. The return keyword is used in both the If and the Else statements.

Answer: ADE

NEW QUESTION 104

You are an Independent Software Vendor (ISV) developer working in the "ABCModule" module in an existing solution. You create a new label in the XYZ-en-US.label.txt file with a Label ID of "LabelText", a Label of "Text for the Label", and a Description of "ABC". How should you reference this new label in the Label property of an artifact?

- A. @ABCModule.XYZ.LabelText
- B. @XYZ:LabelText
- C. @ABCModule.XYZ[LabelText]
- D. @XYZ[LabelText]

Answer: B

Explanation: Section: Develop new elements by using Application Explorer (20-25%)

NEW QUESTION 109

You are working in a Microsoft Dynamics 365 for Finance and Operations environment that has an existing form named ModifyData and a display menu item named ModifyData1, which opens ModifyData. You create a second menu item named ModifyData2 that also opens ModifyData. A privilege named ModifyData1View has the ModifyData1 menu item as an entry point with Read access. There is also a privilege named ModifyData1Maintain that has the ModifyData1 menu item as an entry point, with the Access Level property set to Delete. You create a new privilege named ModifyData2View and add the ModifyData2 menu item as an entry point. You set the Access Level property to Read on the ModifyData2 entry point. You need to create a new duty named DataManager so that a role with this duty can delete data from ModifyData when accessed through ModifyData1 and read data on the ModifyData form when accessed through ModifyData2. What should you do to achieve this goal?

- A. Grant the ModifyData1Maintain privilege and the ModifyData2View privilege to the DataManager duty.
- B. Grant the ModifyData2View privilege to the DataManager duty.
- C. Grant the ModifyData1Maintain privilege to the DataManager duty.
- D. Grant the ModifyData1View privilege and the ModifyData2View privilege to the DataManager duty.

Answer: A

Explanation: Section: Manage the User Interface and Security for Developers (20-25%)

NEW QUESTION 114

You create a new table with the Valid Time State Field Type property set to Date. You add the table as a singular data source to a form, and create a display menu item that opens the form. You add the menu item as an entry point to a new privilege and want to ensure that a role with the privilege can edit records without creating new records.

To achieve this goal, what is the minimum access level you should grant to the entry point?

- A. Create
- B. Delete
- C. Correct
- D. Update

Answer: D

NEW QUESTION 119

You are an administrator of a Microsoft Dynamics 365 for Finance and Operations - Retail live environment.

You receive a report that the corporate Retail server is unresponsive.

Where should you look first to troubleshoot the issue in the most efficient manner possible?

- A. Environment Monitoring in Lifecycle Services (LCS)
- B. Event Viewer of the Retail Server
- C. Activity Log in Azure Portal
- D. Event Viewer of the Application Object Server (AOS)

Answer: B

Explanation: Section: Develop and extend retail components (15-20%) Explanation

Explanation/Reference:

Retail Server, Modern POS, and hardware station are logged in the Event viewer on the local machine.

NEW QUESTION 121

You are working for a client in Microsoft Dynamics 365 for Finance and Operations. You design and build a custom package, and upload it to the Asset library in Lifecycle Services (LCS).

You need to apply the custom package to the client's Tier 2 environment for testing by generating a runbook.

Which two files are required to generate the runbook? Each correct answer presents part of the solution.

- A. the topology data file
- B. the development installation service model data file
- C. the hotfix installation information file
- D. the service model file

Answer: AD

Explanation: Section: Understand the architecture and development environment (20-25%) Explanation

Explanation/Reference:

Runbook – The deployment runbook is a series of steps that is generated and used to apply the deployable package to the target environment. Some of the steps are automated, and some are manual.

AXUpdateInstaller enables these steps to be run one at a time and in the correct order. AXUpdateInstaller.exe generate -runbookid=[runbookID] -topologyfile=[topologyFile] -servicemodelfile=[serviceModelFile] -runbook

Here is an explanation of the parameters that are used in this command:

[runbookID] – A parameter that is specified by the developer who applies the deployable package.

[topologyFile] – The path of the DefaultTopologyData.xml file. [serviceModelFile] – The path of the DefaultServiceModelData.xml file.

[runbookFile] – The name of the runbook file to generate (for example, AOSRunbook.xml).

NEW QUESTION 123

You are working in a Microsoft Dynamics 365 for Finance and Operations environment that has a Dock site and a Plant site. The Dock site contains one warehouse, and the Plant site contains three warehouses.

You want to create a new security role. When users assigned to this security role view the InventLocation form, they should only be able to view the warehouse that is in the Dock site.

Which security framework should you use to accomplish this goal?

- A. OAuth 2.0 Authorization
- B. Table Permissions Framework
- C. Record-Level Security Framework
- D. Extensible Data Security Framework

Answer: D

Explanation: Section: Manage the User Interface and Security for Developers (20-25%)

Explanation/Reference: Data security

Authorization is used to grant access to elements of the program. By contrast, data security is used to deny access to tables, fields, and rows in the database.

Use the extensible data security framework to control access to transactional data by assigning data security policies to security roles. Data security policies can restrict access to data, based on either the effective date or user data, such as the sales territory or organization.

Record-level security, which was a mechanism for securing data in Dynamics AX 2012 and earlier versions, is obsolete. Extensible data security is the recommended mechanism for securing or filtering data in the program.

Additionally, the Table Permissions Framework helps protect some data. Data security for specific tables is enforced by Application Object Server (AOS).

NEW QUESTION 127

You are developing a Fleet management module for Microsoft Dynamics 365 Finance and Operations.

You create an FMVehicle table to store information that is specific to each vehicle in your fleet.

Now, you need to create a form that allows users to view and edit all of the information related to a vehicle. Which form pattern should you use to accomplish this goal?

- A. Workspace Operational
- B. List Page
- C. Dialog - Basic
- D. Details Master

Answer: D

Explanation: Section: Manage the User Interface and Security for Developers (20-25%) Explanation

Explanation/Reference:

Operational workspace: This is the standard pattern currently used for workspace

development. Because of the set of components that are permitted in it, this pattern has superior performance over the deprecated "workspace" pattern. For this reason and to ensure visual and behavioral consistency with the other workspaces in the system, we recommend that you use this pattern.

List Page: 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. The use of this pattern is now discouraged when there is a 1:1 correspondence between the List Page and Details page.

Current guidance is to use this pattern only in other situations, such as when list pages have no backing details pages or have multiple backing details page (for example, when project quotations and sales quotations are shown together in the same List Page). Detail Master: A details form is the primary method for entering data. These forms let the user view, edit, and act upon data. All content on these form types is structured into FastTabs that can be expanded and collapsed, so that multiple FastTabs can be open at the same time. The FastTabs can contain fields or a grid, and each FastTab can have a local toolbar. This is the basic Detail Master pattern. This is the pattern that you should use by default.

NEW QUESTION 131

You are working in a Microsoft Dynamics 365 for Retail environment and need to develop an app that can be installed on a tablet to calculate the sales total with tax for a given list of items.

The app must work if the tablet loses wireless connectivity. Which type of interface should you use to develop the app?

- A. Cloud POS
- B. User Interface
- C. eCommerce
- D. Modern POS

Answer: D

Explanation: Section: Understand the architecture and development environment (20- 25%)

Explanation/Reference:

Users of Retail Modern Point of Sale (POS) can perform various retail tasks on supported laptops, tablets, and phones. These tasks include processing sales transactions, viewing customer orders, managing daily operations and inventory, and viewing role-based reports.

NEW QUESTION 132

You are writing an X++ method.

You need to perform the same logic for multiple records in the database. How should you iterate over multiple records in X++?

- A. Declare a table buffer variable, and then write a "while select" statement to iterate through each record.
- B. Declare a shared variable for the table, and use the next() method to read each record.
- C. Declare a RecordSortedList variable for the table, and use the next() method to read each record.
- D. Declare an enumerator for the table, and call the moveNext() method to read each record.

Answer: A

Explanation: Section: Read and Write Basic X++ (20-25%) Explanation

Explanation/Reference:

NEW QUESTION 134

You are an Independent Software Vendor (ISV) developer working on a new solution, and you need to use a custom icon. What should you create to add this icon to the solution?

- A. a reference to the icon in the project
- B. an Image folder, and then add the icon
- C. a tile item in the model
- D. a resource item in the model

Answer: D

Explanation: Section: Develop new elements by using Application Explorer (20-25%)

Resources enable management of the pictures, icons, and other visual representations for elements that are used within the user interface.

NEW QUESTION 138

You are creating a FactBox form.

You need to determine whether you should use the Form Part Factbox Grid form pattern or the Form Part Factbox Card form pattern.

In which situation should you opt to use the Form Part Factbox Grid?

- A. when the form that the part is on contains a grid
- B. if the FactBox resides on a form that has more than one datasource
- C. when you want to display multiple rows of related information
- D. if the FactBox resides on more than one part of the form

Answer: C

Explanation: References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/user-interface/factbox-form-patterns>

NEW QUESTION 141

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