

MB6-894 Dumps

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

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NEW QUESTION 1

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 2

You need to explain to a team member the difference between TempDB and InMemory table types.

In which three ways do TempDB table types differ from InMemory table types for reporting? Each correct answer presents part of the solution.

- A. TempDB tables have a persistent database schema, and the data is deleted when the table goes out of scope.
- B. TempDB tables are created and destroyed upon use, which not take any database schema space.
- C. TempDB tables are for the storage of large data sets and do not allow exchanging between RAM and disk space.
- D. TempDB tables are used for small data sets that are under 128 KB in size.
- E. TempDB tables are used when you are unsure of the size of the data set returned.

Answer: ACE

Explanation:

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

Explanation/Reference:

Temp DB tables have a persistent schema in the database, but they are configured to delete table data when references to the table go out of scope.

An important thing to remember about in-memory tables is that once the table size exceeds 128 kilobytes, the system begins to allocate additional space between the RAM and disk space, which can cause performance to suffer. Because of this, it is recommended to use temp DB tables to handle larger temporary datasets.

Temp DB tables are often used to store data from reports, as report data is usually temporary and that it is not needed after the report is closed.

NEW QUESTION 3

You manage a Microsoft Dynamics 365 for Retail environment. You are preparing to deploy packages.

Which two types of items can you deploy as a package? Each correct answer presents a complete solution.

- A. a binary hotfix to the Application Object Server (AOS) runtime components
- B. an updated Dynamics 365 for Retail customization package
- C. a Microsoft Dynamics 365 Language Pack
- D. a Retail Software Development Kit (SDK)

Answer: AB

Explanation:

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

Explanation/Reference:

A deployable package is a unit of deployment that can be applied in any Microsoft Dynamics 365 for Retail environment. A deployable package can be a binary hotfix to the Application Object Server (AOS) runtime components, an updated Dynamics 365 for Retail customization package, or a new Microsoft Dynamics 365 for Retail customization/application module package.

NEW QUESTION 4

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");
}
```

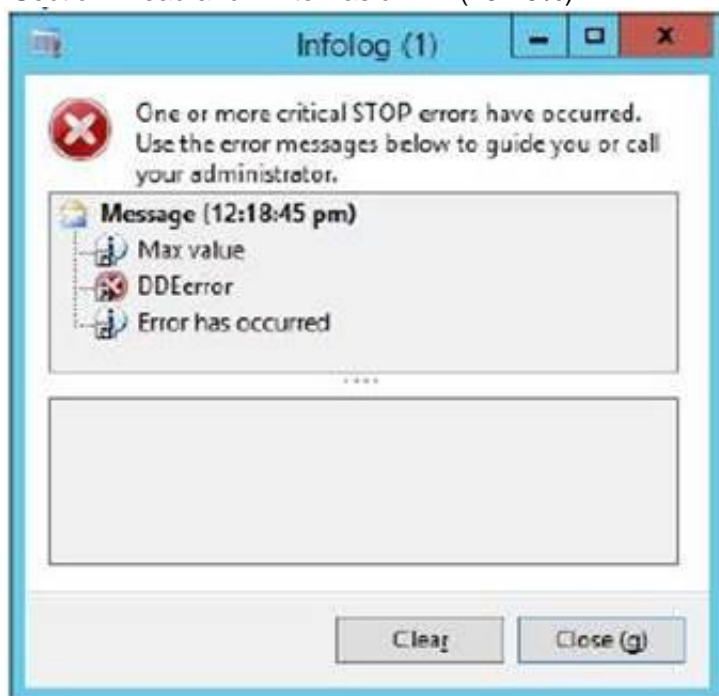
What is the output of the X++ code?

- 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 5

You are an Independent Software Vendor (ISV) developer who is creating a new module in a solution. As part of the solution, you create a new menu. You need the menu to appear in the list of modules available on the navigation pane. What should you do to achieve this goal?

- A. Create an extension of the MainMenu menu, and add a menu reference to the new menu.
- B. Create an extension of the NavPaneMenu menu, and add a menu reference to the new menu.
- C. Create an extension of the CommonMenu menu, and add a menu reference to the new menu.
- D. Create an extension of the StartPageMenu menu, and add a menu reference to the new menu.

Answer: A

Explanation:

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

NEW QUESTION 6

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 7

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 8

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 9

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 10

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 10

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 13

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 privileg
- C. Add the ActivateOrder menu item as an entry point to the new privilege, and add the new privilege to the new dut
- D. Extend the TradeSalesClerk role, and add the new duty.
- E. Create a new privilege, and add the ActivateOrder menu item as an entry poin
- 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 14

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 17

You are working in a Microsoft Dynamics 365 for Retail environment and are troubleshooting a scanner that is not able to scan a bar code on an item.

You review the event logs on the Retail Server and find several recent events in which the AppSessionId is a non-empty GUID and the UserSessionId contains an empty GUID.

What is the main cause of the events in the event log?

- A. The scanner does not have power.
- B. The scanner is in offline mode.
- C. The scanner has not been signed into by a user.
- D. The scanner cannot make a call to the retail server.

Answer: C

Explanation:

References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/retail/dev-itpro/retail-component-eventsdiagnostics-troubleshooting>

NEW QUESTION 18

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 21

Your development team plans to use the new API exposed in Commerce Runtime (CRT) to set/get or validate values based on enum type. Which two benefits will your team gain from using the new API in this manner? Each correct answer presets a complete solution.

- A. They can directly map between Finance and Operations enums and CRT enums without manually creating the enums in CRT.
- B. They can easily override or add triggers at specific extension points instead of owning the entire service or operation.
- C. They can help skip certain checks used to override the entire calculate service by adding pre/post triggers for the validation check.
- D. They can have multiple partners and ISVs create extensible enums and use them independently without any code merge.

Answer: AD

Explanation:

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

Explanation/Reference:

With the new extensible enum exposed in CRT, you can directly map between Finance and Operations

enums and CRT enums without manually creating the enums in CRT. Multiple partners and ISVs can create extensible enums and use them in their code independently without any code merge.

NEW QUESTION 26

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 30

You want to create an extension package that references the Application Foundation package.

Which two models are included within the Application Foundation package? Each correct answer presents part of the solution.

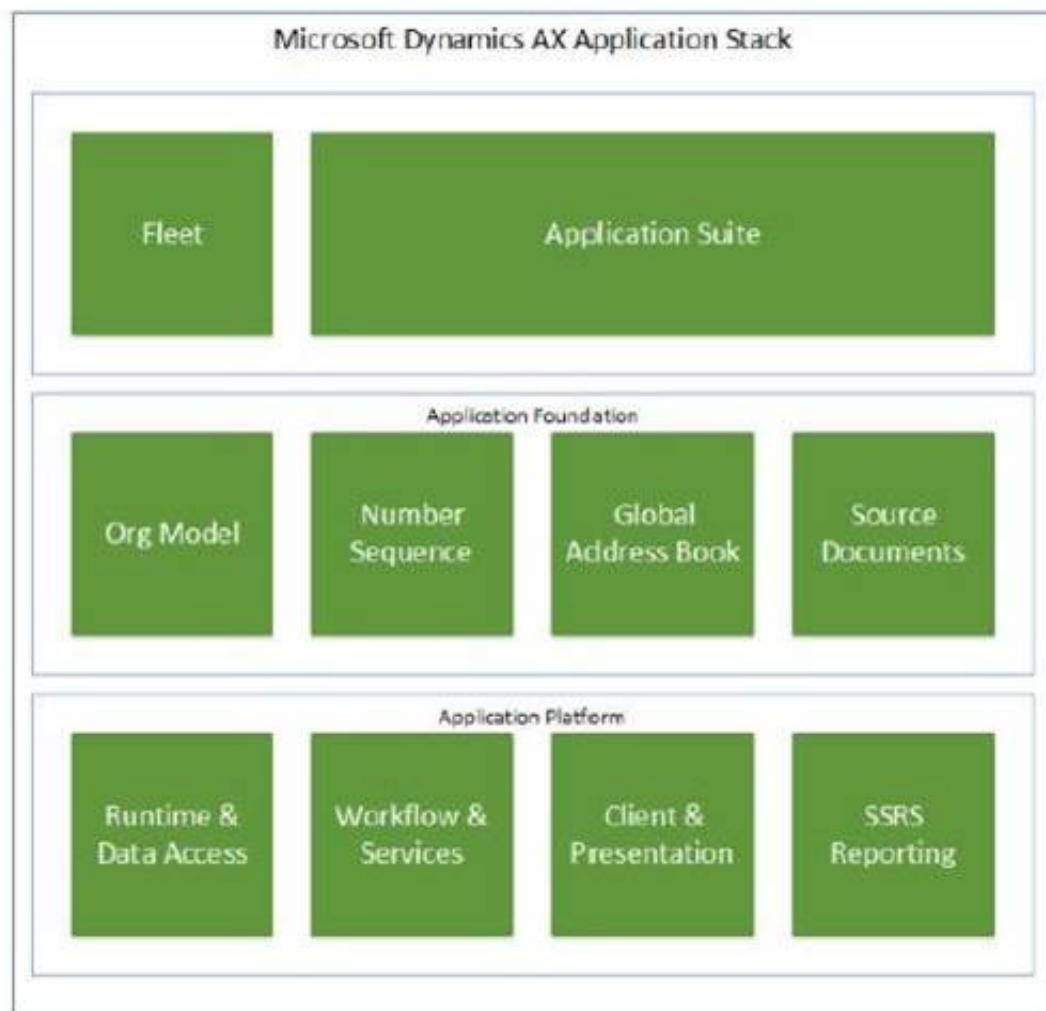
- A. Workflow Framework
- B. Organization Model
- C. Fleet Management
- D. Number Sequences

Answer: BD

Explanation:

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

Explanation/Reference:



NEW QUESTION 32

You are using the Retail Software Development Kit (SDK) to deploy packages. Which best practice should you follow?

- A. Host the SDK in Lifecycle Services (LCS).
- B. Use hooks rather than override handlers.
- C. Directly extend any projects involving Microsoft hotfixes or updates.
- D. Use triggers to call to new logic within a project.

Answer: D

NEW QUESTION 37

You are a developer and want to create an extension of an existing Extended Data Type (EDT) that is a string primitive data type. Which two EDT properties are extendable? Each correct answer presents a complete solution.

- A. String Size
- B. Presence Method
- C. Display Length
- D. Form Help

Answer: AD

Explanation:

References:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/extensibility/modify-edt>

NEW QUESTION 40

You are writing a JSON-based custom service to consume a new data entity. You need to expose the data entity to the OData service. What should you do on the data entity to achieve this goal?

- A. Set the PrimaryKey to EntityKey.
- B. Set the Visible property to Yes.
- C. Set the IsPublic property to Yes.
- D. Set the DataManagementEnabled to Yes.

Answer: C

Explanation:

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

Explanation/Reference:

OData entities in Dynamics 365 for Finance and Operations are based on the concept of an updatable view. When the public property for an updatable view is set to true, this view is exposed as a top level OData entity.

NEW QUESTION 42

You have previously written a PurchOrderActivation class with the following logic: class PurchOrderActivation

```
{
private static PurchOrderActivation construct()
```

```
{  
return new PurchOrderActivation();  
}  
...  
}
```

You need to instantiate PurchOrderActivation from a new class named PurchOrderActivationExtended, which extends PurchOrderActivation. What are two possible ways to instantiate the PurchOrderActivation class in the initialize method of the PurchOrderActivationExtended class? Each correct answer presents a complete solution.

- A. class PurchOrderActivationExtended extends PurchOrderActivation{public void initialize(){PurchOrderActivation purchOrderActivation = PurchOrderActivation::construct();}}
- B. class PurchOrderActivationExtended extends PurchOrderActivation{public void initialize(){var purchOrderActivation = new PurchOrderActivation();}}
- C. class PurchOrderActivationExtended extends PurchOrderActivation{public void initialize(){var purchOrderActivation = PurchOrderActivation::construct();}}
- D. class PurchOrderActivationExtended extends PurchOrderActivation{public void initialize(){PurchOrderActivation purchOrderActivation = new PurchOrderActivation ();}}

Answer: BD

Explanation:

Section: Read and Write Basic X++ (20-25%)
The construct method is private, so you can not call it from another class.

NEW QUESTION 47

You are creating a table and need to use relationships. What are three examples of relationship types you can use? Each correct answer presents a complete solution.

- A. related field fixed relation
- B. restricted relation
- C. field fixed relation
- D. foreign key relation
- E. referential relation

Answer: ACD

Explanation:

References:
<https://msdn.microsoft.com/en-us/library/aa556809.aspx>

NEW QUESTION 48

You are an Independent Software Vendor (ISV) developer who is part of a team that is developing a new Microsoft Dynamics 365 for Finance and Operations solution for a client. Another developer adds a resource item to the model. In which two ways can you use this resource? Each correct answer presents a complete solution.

- A. as a visual element of an Image control
- B. as the banner of the application dashboard
- C. as an icon on a Tile item
- D. as an Assembly in the model

Answer: BC

NEW QUESTION 53

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