Microsoft

Exam Questions MB6-894
Development, Extensions and Deployment for Microsoft Dynamics 365 for Finance and Operations
NEW QUESTION 1
You create a new class named NewClass1 in a model. NewClass1 manipulates the CustTable table in the protected method modifyCustTable. NewClass1 has the following code:

```csharp
class NewClass1
{
    public static MainClass1 construct()
    {
        return new MainClass1();
    }
    protected void modifyCustTable()
    {
        ...
    }
}
```

In the same model as NewClass1, you create a new class named NewClass2. You want to run the code in
the modifyCustTable method from the callModifyCustTable method in NewClass2. What is a correct example of calling the modifyCustTable method from NewClass2?

A. `{public static NewClass2 construct(){return new NewClass2();}public void callModifyCustTable(){NewClass1 newClass1 = NewClass1::construct();
newClass1.modifyCustTable();}}`  
B. `class NewClass2{public static NewClass2 construct(){return new NewClass2();}public void callModifyCustTable(){newClass1.modifyCustTable();}}`  
C. `class NewClass2 extends NewClass1{public static NewClass2 construct(){return new NewClass2();}public void callModifyCustTable(){this
construct().modifyCustTable();}}`  
D. `class NewClass2 extends NewClass1{public static NewClass2 construct(){return new NewClass2();}public void callModifyCustTable(){this.modifyCustTable();}}`

Answer: D

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

NEW QUESTION 2
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 `<RetailsdkBuildTools\RetailServerLibraryPathForProxyGeneration Condition="$(RetailServerLibraryPathForProxyGeneration) == """>$(SdkReferencesPath)\Your assembly name.dll</RetailServerLibraryPathForProxyGeneration>`  
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 3
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 Intelisense, you need to explain advantages of Intelisense 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 4
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:

NEW QUESTION 5
You are an Independent Software Vendor (ISV) developer, and you are writing a custom job by using the SysOperation framework. The job needs to report informational messages.
Which block of code will report an informational message without a request for user intervention?

A. void reportInformationalMessage(str _message)
   {
      Box::info(_message);
   }

B. void reportInformationalMessage(str _message)
   {
      info(_message);
   }

C. void reportInformationalMessage(str _message)
   {
      print _message;
   }

D. void reportInformationalMessage(str _message)
   {
      setPrefix(_message);
   }

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

Answer: B

NEW QUESTION 6
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 NewPrivilege1, and you add OpenForm1 as an entry point to NewPrivilege1. 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 7
You are a system administrator for a company’s Microsoft Dynamics 365 for Finance and Operations – Retail live environment. You are responsible for ensuring the environment runs smoothly.
In which scenario would you need to monitor diagnostic data in the hot path?

A. One of the servers in the environment crashed, and you need to troubleshoot the cause of the crash.
B. Telemetry data from other components in your hybrid cloud are not being replicated or backed up.
C. The environment is experiencing performance issues, and you suspect that it is due to hardware issues.
D. Errors exist in one of the Retail Server components, and you need to troubleshoot the root cause of the issues.
NEW QUESTION 8
You are reviewing the basic set of primitive data types in Microsoft Dynamics 365 for Finance and Operations with a client. The client wants to know the best data type to use for a set of literals, such as states of nature or key reporting structures. Which type should you tell the client?

A. Strings
B. Anytype
C. Containers
D. Enumerations

Answer: D

Explanation:
Section: Develop new elements by using Application Explorer (20-25%) Explanation
Explanation/Reference:
Enums: An abbreviation for enumerated text - a set of literals.

NEW QUESTION 9
You are working for a client in a new Microsoft Dynamics 365 for Finance and Operations environment. The client requests that custom fields be added to the SalesTable table. You need to add them in a way to minimize the cost of maintenance and upgrading. What should you do to add the custom fields?

A. Create a new package in the ApplicationSuite model.
B. Create a new model that overlayers the ApplicationSuite model.
C. Create a new extension model that references the ApplicationSuite model.
D. Create a new project in the ApplicationSuite model.

Answer: C

Explanation:
Section: Understand the architecture and development environment (20-25%) Explanation
Explanation/Reference:
Microsoft's best practice recommendation is to use extension objects and models wherever we can.

NEW QUESTION 10
Which two components of the server architecture of Microsoft Dynamics 365 for Finance and Operations work in conjunction with one another to present web page accessibility through a supported web browser? Each correct answer presents part of the solution.

A. Forms Engine
B. Cache
C. Data Access Layer
D. Interaction Layer

Answer: AD

Explanation:
Section: Understand the architecture and development environment (20-25%) Explanation
Explanation/Reference:
We can also connect through the user interface interaction layer, and we also have the forms engine. It's important to note that there's no longer a hard client involved in the server architecture as the form engines and interaction layer are designed to generate Web pages accessible on any Internet browser.

NEW QUESTION 11
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
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 12
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.

Answer: A
NEW QUESTION 13
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 14
You are writing a method to create a new Customer group. You begin by writing the following code:

```x++
Public static void createCustGroup (CustGroupId _custGroup, Description _name)
{
    CustGroup custGroup;

    ttsbegin;
    custGroup.CustGroupId = _custGroup;
    custGroup.Name = _name;

    //TODO: save custgroup record to database
    ttscommit ;
}
```

You need to complete the method. With which statement should you replace the TODO comment line to accomplish this goal?

A. custGroup.insert();
B. RecordInsertList.add(custGroup);
C. insert_recordset custGroup (CustGroup,Name);
D. custGroup.merge();

Answer: A

NEW QUESTION 15
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 16
You are debugging in X++ and review the following method:

```csharp
public boolean bestPracticeCheck(Integ _param)
{
    Integ 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 17
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.
[runbookFile] – The name of the runbook file to generate (for example, AOSRunbook.xml).
NEW QUESTION 18
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/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 19
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