70-551

UPGRADE:MCAD Skills to MCPD Dvlpr by Using the MS .NET Frmwk

Q&A

DEMO Version

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Technical and Support Team
Chinatag LLC.

Microsoft 70-551(VB)

Question: 1
You create an application for your business partners to submit purchase orders. The application deserializes XML documents sent by your partners into instances of an object named PurchaseOrder. You need to modify the application so that it collects details if the deserialization process encounters any XML content that fails to map to public members of the PurchaseOrder object. What should you do?

A. Define and implement an event handler for the XmlSerializer.UnknownNode event.
B. Define a class that inherits from XmlSerializer and overrides the XmlSerialize.FromMappings method.
C. Apply an XmlInclude attribute to the PurchaseOrder class definition.
D. Apply an XmlIgnore attribute to the PurchaseOrder class definition.

Answer: A

Question: 2
You are creating a class that performs complex financial calculations. The class contains a method named GetCurrentRate that retrieves the current interest rate and a variable named currRate that stores the current interest rate. You write serialized representations of the class. You need to write a code segment that updates the currRate variable with the current interest rate when an instance of the class is deserialized. Which code segment should you use?

A. <OnSerializing> _Friend Sub UpdateValue (ByVal context As StreamingContext) currRate = GetCurrentRate()End Sub
B. <OnSerializing> _ Friend Sub UpdateValue(ByVal info As SerializationInfo) info.AddValue("currentRate", GetCurrentRate())End Sub
C. <OnDeserializing> _ Friend Sub UpdateValue(ByVal info As SerializationInfo) info.AddValue("currentRate", GetCurrentRate())End Sub
D. <OnDeserialized> _Friend Sub UpdateValue (ByVal context As StreamingContext) currRate = GetCurrentRate()End Sub

Answer: D

Question: 3
You create a class library that contains the class hierarchy defined in the following code segment. (Line numbers are included for reference only.)

```
01 Public Class Group
02 Public Employees As Employee()
03 End Class
04
05 Public Class Employee
06 Public Name As String
07 End Class
08
09 Public Class Manager
10 Inherits Employee
11 Public Level As Integer
12 End Class
```

You create an instance of the Group class. You populate the fields of the instance. When you attempt to serialize the instance by using the Serialize method of the XmlSerializer class, you receive InvalidOperationException. You also receive the following error message: "There was an error generating the XML document." You need to modify the code segment so that you can successfully serialize instances of the Group class by using the XmlSerializer class. You also need to ensure that the XML output contains an element for all public fields in the class hierarchy. What should you do?

A. Insert the following code between lines 1 and 2 of the code segment:
<XmlArrayItem(Type:=GetType(Employee))> _ <XmlArrayItem(Type:=GetType(Manager))> _
B. Insert the following code between lines 1 and 2 of the code segment:
<XmlElement(Type:=GetType(Employee))> _
C. Insert the following code between lines 1 and 2 of the code segment:
<XmlArray(ElementName:="Employees")> _
D. Insert the following code between lines 5 and 6 of the code segment:
<XmlElement(Type:=GetType(Employee))> andInsert the following code between lines 10 and 11 of the code segment: <XmlElement(Type:=GetType(Manager))>

Answer: A

Question: 4
You are writing a method to compress an array of bytes. The bytes to be compressed are passed to the method in a parameter named document. You need to compress the contents of the incoming parameter. Which code segment should you use?

A. Dim inStream As New MemoryStream(document)Dim zipStream As New GZipStream(_inStream,
CompressionMode.Compress)Dim result(document.Length) As BytezipStream.Write(result, 0, result.Length)Return result
B. Dim objStream As New MemoryStream(document)Dim zipStream As New GZipStream(_
objStream,
CompressionMode.Compress)zipStream.Write(document, 0,
document.Length)zipStream.Close()Return
objStream.ToArray
C. Dim outStream As New MemoryStreamDim zipStream As New GZipStream(_outStream,
CompressionMode.Compress)zipStream.Write(document, 0,
document.Length)zipStream.Close()Return
outStream.ToArray
D. Dim objStream As New MemoryStream(document)Dim zipStream As New GZipStream(_objStream,
CompressionMode.Compress)Dim outStream As New MemoryStreamDim b As IntegerWhile (b =
zipStream.ReadByte)outStream.WriteByte(CByte(b))End WhileReturn outStream.ToArray

Answer: C

Question: 5
You are writing a method to compress an array of bytes. The array is passed to the method in a parameter named document. You need to compress the incoming array of bytes and return the result as an array of bytes. Which code segment should you use?

A. Dim objStream As New MemoryStream(document)Dim objDeflate As New DeflateStream(objStream,
CompressionMode.Compress)Dim result(document.Length) As ByteobjDeflate.Write(result, 0, result.Length)Return result

B. Dim objStream As New MemoryStream(document)Dim objDeflate As New DeflateStream(objStream, CompressionMode.Compress)objDeflate.Write(document, 0, document.Length)objDeflate.Close()Return objStream.ToArray

C. Dim objStream As New MemoryStream()Dim objDeflate As New DeflateStream(objStream, CompressionMode.Compress)objDeflate.Write(document, 0, document.Length)objDeflate.Close()Return objStream.ToArray

D. Dim objStream As New MemoryStream()Dim objDeflate As New DeflateStream(objStream, CompressionMode.Compress)Dim outStream As New MemoryStreamDim b As IntegerWhile (b = objDeflate.ReadByte) outStream.WriteByte(CByte(b))End WhileReturn outStream.ToArray

Answer: C

Microsoft 70-551(C#)

Question: 1
You are creating a custom user control. The custom user control will be used on 10 Web Forms for an ASP.NET Web site that allows users to register and log on to a personalized experience. The custom user control uses two TextBox controls and two Button controls. You need to ensure that the controls are visible only when users are not logged on to the Web site. You also need to minimize the amount of effort in development and maintenance for the Web site. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add the OnClick event handler for the Login button to the code used in the custom user control.
B.. Add the OnClick event handler for the Login button to the code used in the Web Form where the control is added.
C. In the Page_Load method of the Web Form, add a code segment to set the visibility of the TextBox and Button controls where the control is added.
D. In the Page_Load method of the custom user control, add a code segment to set the visibility of the TextBox and Button controls.

Answer: A, D

Question: 2
You create the following Web user control named ErrorMessages.
<%@ Control Language="C#" AutoEventWireup="true"
CodeFile="ErrorMessages.ascx.cs"
Inherits="ErrorMessages" %>
<script language="C#" runat="server">
protected string m_Text = "This is a default message!";
public string Text {
get{ return m_Text;}
set{ m_Text = value;}
}
</script>
The ErrorMessages control uses a public property that displays the error message. You need to change the default error message property on the Web Form in which the control is implemented. Which code segment should you use?

A. <fabrikam:Message id="MyMessage" MyMessage-Text="This is a custom message!" runat="server"/>
B. <fabrikam:Message id="MyMessage" MessageText="This is a custom message!" runat="server"/>
C. <fabrikam:Message id="MyMessage" Text="This is a custom message!" runat="server"/>
D. <fabrikam:Message id="MyMessage" Message_Text="This is a custom message!" runat="server"/>

Answer: C

Question: 3
You develop a Web application. Your application contains two settings in the Web.config file. You deploy your application to production. You need to modify the application settings in the production environment without manually editing the XML markup in the Web.config file. What should you do?

A. Modify the application settings by using the Web Site Administration Tool.
B. Modify the application settings by using the Visual Studio property page editor for the project.
C. Modify the application settings by using the resource editor.
D. Modify the application settings by using the Visual Studio start options editor.

Answer: A

Question: 4
You create a Web Form. The Web Form calls a method as part of its processing. The method takes a long time to process. In addition, the other Web Forms in the ASP.NET Web site are now taking longer to process. You need to decrease the page response times by executing the long running method in parallel to other requests. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Call the method by using the BeginGetAysncData and EndGetAsyncData delegates.
B. Call the method within the PreInit and PreRenderComplete page events.
C. Inside the page directive of the Web Form that calls the method, set the Async attribute to True.
D. Inside the page directive of the Web Form that calls the method, set the CompilationMode attribute to Always.

Answer: A, C

Question: 5
Your Web site uses custom Themes. Your Web site must support additional Themes based on the user's company name. The company name is set when a user logs on to the Web site. The company's Theme name is stored in a variable named ThemeName. You need to use this variable to dynamically set the Web site's Theme. What should you do?

A. Add the following code segment to the markup source of each page on the Web site. <%@ Page
Theme="ThemeName" ... %>
B. Add the following code segment to the Load event of each page on the Web site. Page.Theme =
ThemeName;
C. Add the following code segment to the PreInit event of each page on the Web site. Page.Theme =
ThemeName;
D. Add the following code segment to the Web site's configuration file. <pages theme="ThemeName" />

Answer: C