



**Microsoft**

# 70-523-CSharp

*UPG-Transition MCPD.NET Frmwrk 3.5 Web Dev to 4 Web Dev*

- A. Add a DataProtectionPermission attribute to the CreditCardNumber property and set the ProtectData property to true.
- B. Convert the DataContract to a MessageContract and set the ProtectionLevel property to SignAndEncrypt.
- C. Change the data type of CreditCardNumber from string to SecureString.
- D. Implement the CreditCardNumber property getter and setter.  
In the setter, run the value of the CreditCardNumber through the MD5CryptoServiceProvider class TransformBlock method.

**Answer:** B

**QUESTION:** 90

You are designing a data access service backed by Microsoft SQL Server. Other developers will use your service as a third-party service.

You have the following requirements:

To reduce maintenance cost, you must write the minimal amount of code required for fulfilling the goals.

The service must function with Microsoft and non-Microsoft technologies.

The service must implement the WS-Security standards. You need to design the service to meet the requirements. Which approach should you recommend?

- A. Use an ASP.NET Web service.
- B. Use SQL Server XML Web services.
- C. Use a WCF service with multiple bindings.
- D. Use an .ashx file to return an XML response over HTTPS.

**Answer:** C

**QUESTION:** 91

You are creating a Windows Communication Foundation (WCF) service that implements operations in a RESTful manner. You need to add a delete operation. You implement the delete method as follows. `string void DeleteItems(string id);`

You need to configure WCF to call this method when the client calls the service with the HTTP DELETE operation. What should you do?

- A. Add the `WebInvoke(UriTemplate = "/Items/{id}",Method="DELETE")` attribute to the operation.
- B. Add the `HttpDelete` attribute to the operation.
- C. Replace the string parameter with a `RemovedActivityAction` parameter.
- D. Replace the return type with `RemovedActivityAction`.

**Answer:** A

**QUESTION:** 92

Your Windows Communication Foundation (WCF) client application uses HTTP to communicate with the service. You need to enable message logging and include all security information such as tokens and nonces in logged messages. What should you do?

A. In the application configuration file, add the `logKnownPii` attribute to the message logging diagnostics source and set the value of the attribute to true. Generate the `ContosoService` class using the Add Service Reference wizard. Add a reference to `System.ServiceModel.Routing.dll`. Add the following code segment.

```
Dim client As ContosoService = New ContosoService()
Dim behavior As SoapProcessingBehavior = New SoapProcessingBehavior()
behavior.ProcessMessages = True
client.Endpoint.Behaviors.Add(behavior)
```

B. In the application configuration file, add the following XML segment to the `system.serviceModel` configuration section group.

```
<diagnostics>
  <messageLogging logMessagesAtTransportLevel="true"
    logEntireMessage="true" />
</diagnostics>
```

C. In the machine configuration file, add the following XML segment to the `system.serviceModel` configuration section.

```
<machineSettings enableLoggingKnownPii="true" />
```

Generate the `ContosoService` class using the Add Service Reference wizard. Add the following code segment.

```
Dim client As ContosoService = New ContosoService()
client.Endpoint.Behaviors.Add(New CallbackDebugBehavior(True))
```

D. In the machine configuration file, add the following XML segment to the `system.serviceModel` configuration section.

```
<machineSettings enableLoggingKnownPii="true" />
```

In the application configuration file, add the `logKnownPii` attribute to the message logging diagnostics source and set the value of the attribute to true. In the application configuration file, add the following XML segment to the `system.serviceModel` configuration section group.

```
<diagnostics>
  <messageLogging logMessagesAtTransportLevel="true"/>
</diagnostics>
```

**Answer:** D

**QUESTION:** 93

You are creating a Windows Communication Foundation (WCF) service that accepts messages from clients when they are started.

The message is defined as follows.

```
[MessageContract] public class Agent {
public string CodeName { get; set; }
http://www.test4pass.com Leading the way in IT Certification Exams public string
SecretHandshake { get; set; }
}
```

You have the following requirements:

"The CodeName property must be sent in clear text.

The service must be able to verify that the property value was not changed after being sent by the client.

"The SecretHandshake property must not be sent in clear text and must be readable by the service. What should you do?

A. Add a MessageBodyMember attribute to the CodeName property and set the ProtectionLevel to Sign. Add a MessageBodyMember attribute to the SecretHandshake property and set the ProtectionLevel to EncryptAndSign.

B. Add a DataProtectionPermission attribute to the each property and set the ProtectData property to true.

C. Add an XmlText attribute to the CodeName property and set the DataType property to Signed.

Add a PasswordPropertyText attribute to the SecretHandshake property and set its value to true.

D. Add an ImmutableObject attribute to the CodeName property and set its value property to true.

Add a Browsible attribute to the SecretHandshake property and set its value to false.

**Answer:** A

**QUESTION:** 94

You need to design a solution for capturing an exception. Which approach should you recommend?

- A. Use a Page\_Error method.
- B. Use a HandleError attribute.
- C. Use a customErrors element.
- D. Use an Application\_Error method.

**Answer:** B

**QUESTION:** 95

You need to recommend appropriate technologies for designing Web forms for entry and retrieval of news items.

Which technologies should you recommend? (Each correct answer presents a complete solution. Choose two.)

- A. ASMX and SOAP
- B. WCF Data Services and jQuery
- C. ASP.NET MVC 2 and Microsoft AJAX
- D. Entity Framework and Microsoft Silverlight

**Answer:** B, C

**QUESTION:** 96

You need to design a solution for programmatically adding reusable user-interface code to views and allowing the user-interface code to be rendered from the server side.

Which approach should you recommend?

- A. Create a jQuery library plug-in.
- B. Create an HtmlHelper extension method.
- C. Create a controller that returns an ActionResult.
- D. Create a WebForm server control that stores values in ViewState.

**Answer:** B

**QUESTION: 97**

You need to design a deployment solution for the rewritten Web application. Which approach should you recommend?

- A. Use MSDeploy and FTP.
- B. Use DB Deployment and FTP.
- C. Use MSDeploy and One-Click Publishing.
- D. Use DB Deployment and One-Click Publishing.

**Answer: C**

**QUESTION: 98**

You need to design session state management for the rewritten Web application. Which approach should you recommend?

- A. Use a persistent cookie to store the authentication ticket.
- B. Use a third-party cookie to store the authentication ticket.
- C. Use different machine key element attributes and values across all three servers.
- D. Use the same machine key element attributes and values across all three servers.

**Answer: D**

**QUESTION: 99**

You are planning a deployment process for a set of interrelated Web services. You need to ensure maximum availability of the Web services in the event of a hardware or software failure. Which approach should you recommend?

- A. Run each distinct service on a separate physical machine.
- B. Run each distinct service on two separate physical machines.
- C. Run each distinct service on a separate virtual machine (VM).
- D. Run each distinct service on two virtual machines (VMs) hosted on one physical machine.

**Answer: B**

**QUESTION: 100**

You need to design a deployment solution for the rewritten Web application. Which approach should you recommend?

- A. Deploy the rewritten Web application to the existing file path on each server in the Web farm.
- B. Compile the rewritten Web application and deploy the compiled library to the global assembly cache.
- C. Add the rewritten Web application to an application pool that contains only ASP.NET 4 Web applications.
- D. Add the rewritten Web application to the same application pool as Web applications written in ASP.NET 2.0, ASP.NET 3.0, and ASP.NET 3.5.

**Answer: C**

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