

Windows Communication Foundation Development with Microsoft .Net Framework 4

1. You are integrating a Windows Communication Foundation (WCF) service within an enterprise-wide Service

A. Inside the ConfirmCreditCard method, surround the code that must participate in the transaction with a using(new TransactionScopeO) block

B. Inside the ConfirmCreditCard method, surround the code that must participate in the transaction with a using(new CommittableTransactionO) block.

C. Add an [OperationBehavior(TransactionAutoComplete true)] attribute to the ConfirmCreditCard method.

D. Add an [OperationBehavior(TransactionScopeRequired true)] attribute to the ConfirmCreditCard method.

Answer(s): D

2. The following is an example of a SOAP envelope:

A. <MessageContract(WrapperNamespace Thttpilwww. contoso.com")> Public Class
CheckStockRequest <MessageHeader(Namespace:z"http://lwww.contoso. comn')> Public Property
StoreId As Integer <MessageBodyMember(Namespace: 'http://www.contoso.com")> Public Property
ItemId As Integer End Class

B. <MessageContract(WrapperName: ="http://www.contoso.com)> Public Class CheckStockReque
<MessageHeader(Name http://www.conto.comn')> Public Property StoreId As Integer
<MessageBodyMenter(Name: -Thttp://www.contoso.com')> Public Property ItemId As Integer End Class

C. <MessageContract(WrapperNamespace: =http://www.cortoso.comn")> Public Class
CheckStockReque <MessageHeader(Namespace. 'http://www.contoso.com)> Public Property StoreId As
Integer Public Property ItemId As Integer End Class

```
D. <MessageContract(WrapperNamespace: http://www.conoso.comn")> Public Class
CheckStockRequest <MessageHeader(Namespace:z'http://www.contoso.com")> Public Property StoreId
As Integer cMessageBodyMernber0>a Public Property ItemId As Integer End Class
```

Answer(s): A

3. A Windows Communication Foundation (WCF) service is self-hosted in a console application. The service implements the `IDataAccess` contract, which is defined in the

A. `host = New ServiceHost("MyApplication.IDataAccess")`

B. `host = New ServiceHost("MyApplication.DataAccessService")`

C. `host = New ServiceHost(GetType(IDataAccess))`

D. `host = New ServiceHost(GetType(DataAccessService))`

Answer(s): D

4. You develop a Windows Communication Foundation (WCF) service that includes the following code. (Line numbers are included for reference only.)

A. Insert the following code segment at line 07:

```
<ServiceBehavior(ReleaseServiceOnTransactionTransactionComplete:=True)>
```

B. Replace the code segment at line 01 with the following code segment: `<ServiceBehavior (InstanceContextMode:=InstanceContextMode.Single) >`

C. Insert the following code segment at line 07:

```
<ServiceBehavior(ConcurrencyMode:=ConcurrencyMode.Multiple)>
```

D. Insert the following code segment at line 07:

```
<ServiceBehavior(ReleaseServiceInstanceOnTransactionComplete:=False)>
```

Answer(s): A

5. An ASP.NET application hosts a RESTful Windows Communication Foundation (WCF) service at /Services/Contoso.svc. The service provides a JavaScript resource to clients. You have an explicit reference to the JavaScript in your page markup as follows.

A. In the <%@ ServiceHost %> header for /Services/Contoso.svc, set the Debug attribute to true.

B. In the script tag, add a debug attribute and set its value to true.

C. In the <%@ Page %> header, set the Debug attribute to true.

D. In the script tag, append debug to the src attribute.

Answer(s): D

6. You are creating a Windows Communication Foundation (WCF) service application. The

A. [ServiceBehavior (InstanceContextMode =InstanceContextMode.PerSession,ConcurrencyMode = ConcurrencyMode.Multiple)]

B. [ServiceBehavior (InstanceContextMode =InstanceContextMode.PerCall,ConcurrencyMode = ConcurrencyMode.Reentrant)]

C. [ServiceBehavior (InstanceContextMode =InstanceContextMode.PerCall,ConcurrencyMode = ConcurrencyMode.Multiple)]

D. [ServiceBehavior (InstanceContextMode =InstanceContextMode.PerSession,ConcurrencyMode = ConcurrencyMode.Single)]

Answer(s): A

7. You are modifying an existing Windows Communication Foundation (WCF) service that is defined as follows;

A. CallbackBehavior (ConcurrencyMode: ConcurrencyMode Reentrant)

B. ServiceBehavior (ConcurrencyMode: =ConcurrencyMode. Reentrant)

C. CallbackBehavior (ConcurrencyMode:=ConcurrencyModeMultiple)

D. ServiceBehavior (ConcurrencyMode ConcurrencyMode Multiple)

Answer(s): A

8. A Windows Communication Foundation (WCF) solution uses the following contract to share a message across its clients. (Line numbers are included for reference only.)

A. Pass a service instance to the instancing code in line 24, as follows.
`ServiceHost host = new ServiceHost(new TeamMessageService());`

B. Add the following attribute to the TeamMessageService class, before line 10.
`[ServiceBehavior(InstanceContextMode = InstanceContextMode.Single)]`

C. Add the following attribute to the TeamMessageService class, before line 10.
`[ServiceBehavior(InstanceContextMode = InstanceContextMode.PecSession)]` Then change the binding definition on the service at line 25, and on the client to the following.
`WSHttpBinding binding = new WSHttpBinding(SecurityMode.None); binding.ReliableSession.Enabled = true;`

D. Redefine the message string in line 13, as follows.
`static string message = "Today' s Message";` Then change the implementation of PutMessage in lines 19-22 to the following.
`public void PutMessage(string message) {TeamMessageService.message = message; >`

Answer(s): B

9. You are developing a Windows Communication Foundation (WCF) service that will be hosted in Microsoft Internet Information Services (IIS) 7.0.

A. < serviceHostingEnvironment >< serviceActivations ><add relativeAddress =" Info.svc " service="Info" /></ serviceActivations ></ serviceHostingEnvironment >

B. < serviceHostingEnvironment >< transportConfigurationTypes ><add name=" Info.svc " transportConfigurationType =" FileNotRequired " /></ transportConfigurationTypes ></ serviceHostingEnvironment >

C. < serviceHostingEnvironment >< serviceActivations ><add relativeAddress ="Info" service=" Info.svc " /></ serviceActivations ></ serviceHostingEnvironment >

D. < serviceHostingEnvironment >< transportConfigurationTypes ><add name="Info" transportConfigurationType =" Info.svc " /></ transportConfigurationTypes ></ serviceHostingEnvironment >

Answer(s): A

10. You are maintaining a Windows Communication Foundation (WCF) service that uses a custom UserNamePassword class to authenticate clients. The service certificate is hosted in the deployment server store for trusted root certificate authorities and has a Subject value of TaxServiceKey. Other service certificates hosted on the server also use TaxServiceKey as a Subject value.

A. HostInstance.Credentials.ServiceCertificate.SetCertificate(StoreLocation.LocalMachine, StoreName.Root,X509FindType.FindBySubjectDistinguishedName,"CN=TaxServiceKey")

B. HostInstance.Credentials.ServiceCertificate.SetCertificate(StoreLocation.LocalMachine, StoreName.My,X509FindType.FindBySubjectDistinguishedName,"CN=TaxServiceKey")

C. HostInstance.Credentials.ServiceCertificate.SetCertificate(StoreLocation.LocalMachine, StoreName.AuthRoot,X509FindType.FindBySubjectName, "CN=TaxServiceKey")

D. HostInstance.Credentials.ServiceCertificate.SetCertificate(StoreLocation.LocalMachine, StoreName.My,X509FindType.FindBySubjectName,"CN=TaxServiceKey")

Answer(s): A

11. Windows Communication Foundation (WCF) service will be hosted in Microsoft Internet Information Services (IIS).

A. Create an asmx file and add a @ServiceHost directive to this file. Copy the file to the root of the application directory.

B. Create a svc file and add a @ServiceHost directive to this file Copy the file to the root of the application directory.

C. Create a .svc file and add a @Register directive to this file. Copy the file to the bin directory of the application.

D. Create an .asmx file and add a @Register directive to this file. Copy the file to the bin directory of the application.

Answer(s): B

12. Your company has a Windows Communication Foundation (WCF) service at the URL <http://services.contoso.com/OrderLookupService.svc>.

A. Change the serviceDebug element at line 05 as follows.<serviceDebug includeExceptionDetailInFaults="true"/>

B. Insert the following element at line 06.<serviceDiscovery>< announcementEndpoints><endpoint name="wsdlAnnouncement" kind="udpAnnouncementEndpoint" /></announcementEndpoints></serviceDiscovery>

C. Insert the following element at line 06.<serviceMetadata httpGetEnabled="true" />

D. Insert the following element at line 06.<serviceMetadata httpGetEnabled="false" />

Answer(s): C

13. You are developing a Windows Communication Foundation (WCF) service that is hosted by a Windows Forms application.

A. Call the Invoke method of the form and supply a delegate.

B. Call the BeginInvoke method of the form and supply a delegate.

C. Decorate the service implementation class with the following line of code.
<ServiceBehavior(ConcurrencyMode:=ConcurrencyMode.Multiple)>

D. Decorate the service implementation class with the following line of code.
<ServiceBehavior(UseSynchronizationContext:=False)>

Answer(s): D

14. You are creating a Windows Communication Foundation (WCF) service that accepts messages from clients when they are started. The message is defined as follows.

A. 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.

B. 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.

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

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

Answer(s): B

15. A Windows Communication Foundation (WCF) client uses the following service contract. (Line numbers are included for reference only.)

A. Add a SecuritySafeCriticalAttribute for each operation.

B. Add a SecurityCriticalAttribute for each operation.

C. Set the ProtectionLevel property in line 01 to EncryptAndSign.

D. Set the ProtectionLevel property in line 04 and line 06 to Sign.

Answer(s): C

16. You are developing a Windows Communication Foundation (WCF) service that does not operate on a duplex channel.

A. [ServiceBehavior(InstanceContextMode = InstanceContextMode.Single,ConcurrencyMode = ConcurrencyMode.Multiple)]

B. [CallbackBehavior(ConcurrencyMode = ConcurrencyMode.Multiple)]

C. [ServiceBehavior(InstanceContextMode = InstanceContextMode.Single,ConcurrencyMode = ConcurrencyMode.Single)]

D. [ServiceBehavior(InstanceContextMode = InstanceContextMode.Single,ConcurrencyMode = ConcurrencyMode.Reentrant)]

Answer(s): A

17. Four Windows Communication Foundation (WCF) services are hosted in Microsoft Internet Information Services (IIS). No behavior configuration exists in the web.config file.

A. <behaviors><serviceBehaviors><behavior name="ALL"><serviceThrottling maxConcurrentCalls="50" maxConcurrentSessions="25"/></behavior></serviceBehaviors></behaviors>

B. <behaviors><serviceBehaviors><behavior name="default"><serviceThrottling maxConcurrentCalls="50" maxConcurrentSessions="25"/></behavior></serviceBehaviors></behaviors>

C. <behaviors><serviceBehaviors><behavior name="*"><serviceThrottling maxConcurrentCalls="50" maxConcurrentSessions="25"/></behavior></serviceBehaviors></behaviors>

D. <behaviors><serviceBehaviors><behavior name=""><serviceThrottling maxConcurrentCalls="50" maxConcurrentSessions="25"/></behavior> </serviceBehaviors> </behaviors>

Answer(s): D

18. A Windows Communication Foundation (WCF) service that handles corporate accounting must be changed to comply with government regulations of auditing and accountability

A. Within the service configuration, add a serviceSecurityAudit behavior to the service, and set serviceAuthorizationAuditLevel to SuccessOrFailure

B. Within the service configuration, add a ServiceAuthorization behavior to the service, and set ImpersonateCallerForAulOperations to true.

C. Within the service configuration, add a ServiceCredentials behavior to the service, and set type to Impersonate

D. Within the service configuration, add a ServiceAuthenticationManager behavior to the service, and set ServiceAuthenticationManagerType to Impersonate.

Answer(s): B

19. A Windows Communication Foundation (WCF) service listens for messages at net

A. In the client configuration, change the value of the address attribute to net.tcp://www.contoso.com/MyService?listen=http://www.contoso.com/MyService.

B. After instantiating the client and before invoking any service operation, add this line of code. client.EndpointBehaviors.Add(new ClientViaBehavior(new Utcnet.tc.pifwww.contoso.com|MyService)))

C. In the client configuration. Change the value of the address attribute to nettcp://www.contoso.com/MyService

D. After instantiating the client and before invoking any service operation, add this line of code client.EndpointBehaviors.Add(new EndpointDiscoveryBehavior{ Enabled true });

Answer(s): B

20. You create a Windows Communication Foundation (WCF) service and deploy it with wsHttpBinding and message security enabled.

A. Specify a protection level of None in the service contract for the intermediate service. Disable message and transport security from the client application configuration file.

B. Modify the binding on the intermediate service to use webHttpBinding.

C. Modify the binding on the intermediate service to use netNamedPipeBinding.

D. Specify a protection level of Sign in the service contract for the intermediate service. Disable transport security from the client application configuration file.

Answer(s): D
