



.Net Certification 70-513

**Windows Communication Found Dev w/MS .NET
Frmwk 4**

Thank You for Downloading 70-513 Updated Exam Questions

<https://certs4sale.com/microsoft/70-513-pdf-exam-dumps>

Question: 1

You are creating a Windows Communication Foundation (WCF) service application. The application needs to service many clients and requests simultaneously. The application also needs to ensure subsequent individual client requests provide a stateful conversation. You need to configure the service to support these requirements. Which attribute should you add to the class that is implementing the service?

- A. [ServiceBehavior (InstanceContextMode = InstanceContextMode.PerSession, ConcurrencyMode = ConcurrencyMode.Single)]
- B. [ServiceBehavior (InstanceContextMode = InstanceContextMode.PerCall, ConcurrencyMode = ConcurrencyMode.Reentrant)]
- C. [ServiceBehavior (InstanceContextMode = InstanceContextMode.PerSession, ConcurrencyMode = ConcurrencyMode.Multiple)]
- D. [ServiceBehavior (InstanceContextMode = InstanceContextMode.PerCall, ConcurrencyMode = ConcurrencyMode.Multiple)]

Answer: C

Question: 2

A service implements the following contract. (Line numbers are included for reference only.)

```
01 [ServiceContract(SessionMode = SessionMode.Required)]
02 public interface IContosoService
03 {
04     [OperationContract(IsOneWay = true, IsInitiating = true)]
05     void OperationOne(string value);
06
07     [OperationContract(IsOneWay = true, IsInitiating = false)]
08     void OperationTwo(string value);
09 }
```

The service is implemented as follows.

```
20 class ContosoService : IContosoService
21 {
22     public void OperationOne(string value) { ... }
23
24     public void OperationTwo(string value) { ... }
25 }
```

ContosoService uses NetMsmqBinding to listen for messages. The queue was set up to use transactions for adding and removing messages. You need to ensure that OperationOne and OperationTwo execute under the same transaction context when they are invoked in the same

session. What should you do?

A. Insert the following attribute to OperationOne on IContosoService.
[TransactionFlow(TransactionFlowOption.Mandatory)]

Insert the following attribute to OperationTwo on IContosoService.
[TransactionFlow(TransactionFlowOption.Mandatory)]

B. Insert the following attribute to OperationOne on ContosoService.

[OperationBehavior(TransactionScopeRequired = true,
TransactionAutoComplete = false)]

Insert the following attribute to OperationTwo on ContosoService.

[OperationBehavior(TransactionScopeRequired = true,
TransactionAutoComplete = true)]

C. Add the following XML segment to the application config file in the system.serviceModel/bindings configuration section.

```
<netMsmqBinding>  
  <binding name="contosoTx" durable="true" receiveContextEnabled="true" />  
</netMsmqBinding>
```

Then use the NetMsmqBinding named contosoTx to listen for messages from the clients.

D. Add the following XML segment to the application config file in the system.serviceModel/bindings configuration section.

```
<customBinding>  
  <binding name="contosoTx">  
    <transactionFlow />  
    <binaryMessageEncoding />  
    <msmqTransport durable="true" />  
  </binding>  
</customBinding>
```

Then use the CustomBinding named contosoTx to listen for messages from the clients.

Answer: B

Question: 3

A Windows Communication Foundation (WCF) solution exposes the following service over a TCP binding. (Line numbers are included for reference only.)

```
01 [ServiceContract]  
02 [ServiceBehavior(ConcurrencyMode = ConcurrencyMode.Multiple)]  
03 public class DataAccessService  
04 {  
05   [OperationContract]  
06   public void PutMessage(string message)  
07   {  
08     MessageDatabase.PutMessage(message);  
09   }  
10   [OperationContract]  
11   public string[] SearchMessages(string search)  
12   {  
13     return MessageDatabase.SearchMessages(search);  
14   }  
15 }
```

```
14 }  
15 }
```

MessageDatabase supports a limited number of concurrent executions of its methods.

You need to change the service to allow up to the maximum number of executions of the methods of MessageDatabase. This should be implemented without preventing customers from connecting to the service.

What should you do?

A. Change the service behavior as follows.

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

B. Change the service behavior as follows.

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

C. Add a throttling behavior to the service, and configure the maxConcurrentCalls.

D. Add a throttling behavior to the service, and configure the maxConcurrentSessions.

Answer: C

Question: 4

You are developing a Windows Communication Foundation (WCF) service that allows customers to update financial data.

a. The service contract is defined as follows. (Line numbers are included for reference only.)

```
01 [ServiceContract]  
02 public interface IDataUpdate  
03 {  
04     [OperationContract]  
05     [TransactionFlow(TransactionFlowOption.Mandatory)]  
06     void Update(string accountNumber, double amount);  
07 }  
08  
09 class UpdateService : IDataUpdate  
10 {  
11     [OperationBehavior(TransactionScopeRequired = true,  
12                        TransactionAutoComplete = false)]  
12     public void Update(string accountNumber,  
13                        double amount)  
13     {  
14         ...  
15     }  
16 }  
17
```

You need to ensure that the service is invoked within a transaction.

What should you do?

A. Replace line 01 with the following code.

[ServiceContract(
SessionMode = SessionMode.NotAllowed)]
B. Replace line 01 with the following code.
[ServiceContract(SessionMode = SessionMode.Required)]
C. Insert the following code at line 08.
[ServiceBehavior(
TransactionAutoCompleteOnSessionClose = false)]
D. Insert the following code at line 08.
[ServiceBehavior(
ReleaseServiceInstanceOnTransactionComplete = false)]

Answer: B

Question: 5

You are developing a Windows Communication Foundation (WCF) service that is hosted by a Windows Forms application.
The ServiceHost instance is created in the Form constructor.
You need to ensure that the service is not blocked while the UI thread is busy.
What should you do?

- A. Decorate the service implementation class with the following line of code.
[ServiceBehavior(
UseSynchronizationContext = false)]
- B. Decorate the service implementation class with the following line of code.
[ServiceBehavior(
ConcurrencyMode = ConcurrencyMode.Multiple)]
- C. Call the Invoke method of the form and supply a delegate.
- D. Call the BeginInvoke method of the form and supply a delegate.

Answer: A

Question: 6

You develop a Windows Communication Foundation (WCF) service that employees use to access bonus information. You define the following service contract. (Line numbers are included for reference only.)

```
01 [ServiceContract(SessionMode = SessionMode.Required)]  
02 public interface IFinancialService  
03 {  
04     [OperationContract]  
05     string Login(int employeeID, string passwordHash);  
06  
07     [OperationContract]  
08     double GetBonus(int month);  
09  
10     [OperationContract(IsTerminating = true)]
```

```
11 void Logout();  
12 }
```

Client applications can invoke methods without logging in.

You need to ensure that the client applications invoke Login before invoking any other method.

You also need to ensure that client applications cannot consume the service after invoking Logout.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Replace line 04 with the following code.

```
[OperationContract(IsInitiating = false)]
```

B. Replace line 04 with the following code.

```
[OperationContract(IsInitiating = true, IsTerminating = true)]
```

C. Replace line 07 with the following code.

```
[OperationContract(IsInitiating = false)]
```

D. Replace line 10 with the following code.

```
[OperationContract(IsInitiating = false,  
IsTerminating = true)]
```

Answer: C, D

Question: 7

You develop a Windows Communication Foundation (WCF) service that interacts with Microsoft Message Queuing (MSMQ).

The service requires sessions. You need to create a custom binding that enables messages sent to the queue to be viewed when you are using a listener tool.

Which binding elements should you use?

A. textMessageEncoding and msmqTransport in this order

B. textMessageEncoding and msmqIntegrationTransport in this order

C. msmqTransport and textMessageEncoding in this order

D. msmqIntegrationTransport and textMessageEncoding in this order

Answer: A

Question: 8

You are creating a Windows Communication Foundation (WCF) service. The service endpoints change frequently.

On the service, you add a new ServiceDiscoveryBehavior to the Behaviors collection of the ServiceHost Description property.

You need to ensure that client applications can communicate with the service and discover changes to the service endpoints.

What should you do?

A. Add a new ServiceDiscoveryBehavior to the Behaviors collection in the client application.

B. Add a new AnnouncementClient to the Behaviors collection in the client application.

- C. Use the FindCriteria class and the UdpDiscoveryEndpoint class to set up the binding in the client application.
- D. Use the DiscoveryProxy class and the EndpointDiscoveryMetadata class to set up the binding in the client application.

Answer: C

Question: 9

You are developing an application to update a users social status. You need to consume the service using Windows Communication Foundation (WCF). The client configuration is as follows.

```
<system.serviceModel>
  <bindings>
    <webHttpBinding>
      <binding name="SocialConfig">
        <security mode="TransportCredentialOnly">
          <transport clientCredentialType="Basic"
            realm="Social API" />
        </security>
      </binding>
    </webHttpBinding>
  </bindings>
  <client>
    <endpoint address="http://contoso.com"
      binding="webHttpBinding"
      bindingConfiguration="SocialConfig"
      contract="ISocialStatus"
      name="SocialClient" />
  </client>
</system.serviceModel>
```

The service contract is defined as follows.

```
[ServiceContract] public interface ISocialStatus {
[OperationContract]
[WebInvoke(UriTemplate =
"/statuses/update.xml?status={text}")]
void UpdateStatus(string text);
}
```

Which code segment should you use to update the social status?

A. using (WebChannelFactory<ISocialStatus> factory =
new WebChannelFactory<ISocialStatus>("SocialClient"))
{
factory.Credentials.UserName.UserName = user.Name;
factory.Credentials.UserName.Password = user.Password;
ISocialStatus socialChannel = factory.CreateChannel();
socialChannel.UpdateStatus(newStatus);
}

```

B. using (ChannelFactory<ISocialStatus> factory =
new WebChannelFactory<ISocialStatus>(typeof(ISocialStatus)))
{
factory.Credentials.UserName.UserName = user.Name;
factory.Credentials.UserName.Password = user.Password;
ISocialStatus socialChannel = factory.CreateChannel();
socialChannel.UpdateStatus(newStatus);
}
C. using (ChannelFactory<ISocialStatus> factory =
new ChannelFactory<ISocialStatus>("POST"))
{
factory.Credentials.Windows.ClientCredential.UserName =
user.Name;
factory.Credentials.Windows.ClientCredential.SecurePassword.
SetAt(0, Convert.ToChar(user.Password) );
ISocialStatus socialChannel = factory.CreateChannel();
socialChannel.UpdateStatus(newStatus); }
D. using (WebChannelFactory<ISocialStatus> factory =
new WebChannelFactory<ISocialStatus>(typeof(ISocialClient)))
{
factory.Credentials.Windows.ClientCredential.UserName =
user.Name;
factory.Credentials.Windows.ClientCredential.SecurePassword.
SetAt(0, Convert.ToChar(user.Password) );
ISocialStatus socialChannel = factory.CreateChannel();
socialChannel.UpdateStatus(newStatus); }

```

Answer: A

Question: 10

You are developing a client application that uses the following code to consume a Windows Communication Foundation (WCF) service. (Line numbers are included for reference only.)

```

01 BasicHttpBinding myBinding = new BasicHttpBinding();
02 EndpointAddress myEndpointAddress =
new EndpointAddress(
"http://contoso.com/TaxService.svc");
03
04 ITaxService client = channelFactory.CreateChannel();
05 string data = client.GetData(1);

```

You need to consume the service.

Which code segment should you insert at line 03?

- A. var channelFactory = new ChannelFactory<ITaxService>();
- B. var channelFactory = new ChannelFactory<ITaxService>(myBinding);
- C. var channelFactory = new ChannelFactory<ITaxService>(myBinding, myEndpointAddress);

```
D. var channelFactory = new ChannelFactory<ITaxService>(
    "http://contoso.com/TaxService.svc");
```

Answer: C

THANK YOU FOR DOWNLOADING 70-513 UPDATED EXAM QUESTIONS

Note: Thanks For Trying The Demo Of Our 70-513 Exam Product

Visit Our Site to Purchase the Full Set of Actual 70-513 Exam Questions With Answers.

Money Back Guarantee



Click The Link Below

<https://certs4sale.com/microsoft/70-513-pdf-exam-dumps>