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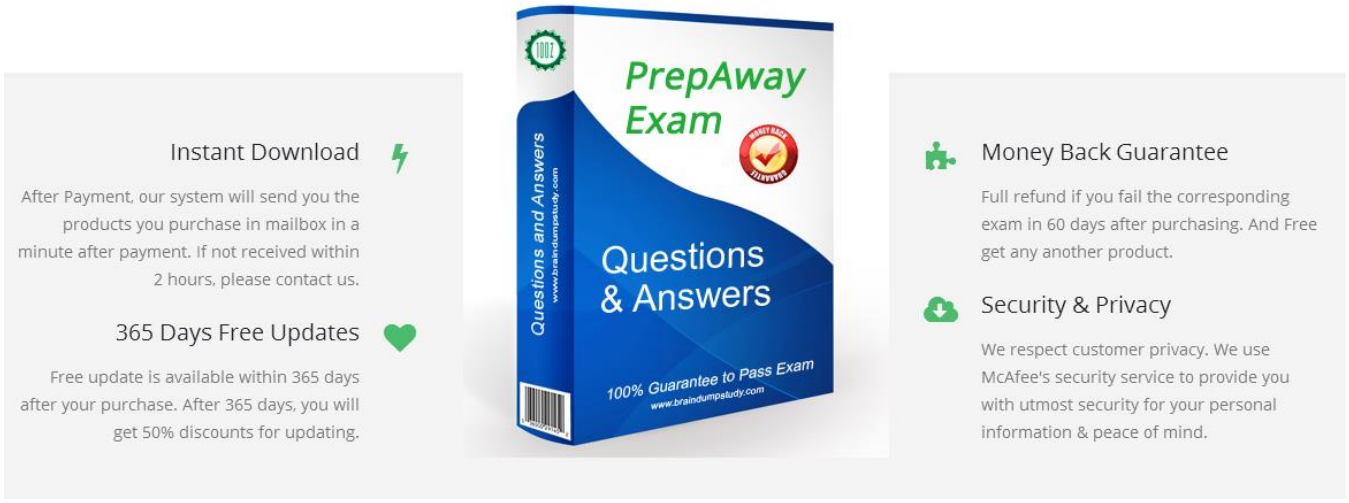

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Exam : **070-513-CSharp**

Title : Windows Communication Foundation Development with Microsoft C#.NET Framework 4

Vendors : Microsoft

Version : DEMO

NO.1 You are creating a Window s 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

NO.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)]
Insert the following attribute to OperationOne on ContosoService.
[OperationBehavior(TransactionScopeRequired = true, TransactionAutoComplete = false)]
B. 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

NO.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 }
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