



EXAMWEAPONS Q&A Demo

Microsoft 70-503

TS: Microsoft .NET Framework 3.5 C Windows
Communication Foundation

EXAMWEAPONS 70-503 Demo

1. You are creating a client application by using Microsoft .NET Framework 3.5. The client application uses a Windows Communication Foundation service.

To log the called service proxy methods and their parameters, you implement custom endpoint behavior in the following class.

```
class ParametersLoggerBehavior : IEndpointBehavior
{
}
```

You also create the following class for the custom behavior.

```
class LoggerElement : BehaviorExtensionElement
{
}
```

You add the following configuration code fragment to the application configuration file. (Line numbers are included for reference only.)

```
01 <behaviors>
02 <endpointBehaviors>
03
04 </endpointBehaviors>
05 </behaviors>
06 <extensions>
07 <behaviorExtensions>
08 <add name="debugBehavior" type="Client.LoggerElement,
09 ClientApp, Version=1.0.0.0, Culture=neutral,
10 PublicKeyToken=null"/>
11 </behaviorExtensions>
12 </extensions>
```

You need to ensure that the endpoint uses the custom behavior.

Which configuration settings should you insert at line 03?

A. <debugBehavior name="debug" />

B. <behavior name="debug">

<debugBehavior />

</behavior>

C. <behavior name="debug">

<ParametersLoggerBehavior />

</behavior>

D. <ParametersLoggerBehavior name="debug">

<debugBehavior />

</ParametersLoggerBehavior>

Answer: B

2. You are creating a client application by using Microsoft .NET Framework 3.5. The client application uses a

Windows Communication Foundation service.

To log the called service proxy methods and their parameters, you implement custom endpoint behavior in the following class.

```
Class ParametersLoggerBehavior
```

```
Implements IEndpointBehavior
```

```
End Class
```

You also create the following class for the custom behavior.

```
Class LoggerElement
```

```
Inherits BehaviorExtensionElement
```

```
End Class
```

You add the following configuration code fragment to the application configuration file. (Line numbers are included for reference only.)

```
01 <behaviors>
```

```
02 <endpointBehaviors>
```

```
03
```

```
04 </endpointBehaviors>
```

```
05 </behaviors>
```

```
06 <extensions>
```

```
07 <behaviorExtensions>
```

```
08 <add name="debugBehavior" type="Client.LoggerElement,
```

```
09 ClientApp, Version=1.0.0.0, Culture=neutral,
```

```
10 PublicKeyToken=null"/>
```

```
11 </behaviorExtensions>
```

```
12 </extensions>
```

You need to ensure that the endpoint uses the custom behavior.

Which configuration settings should you insert at line 03?

A. <debugBehavior name="debug" />

B. <behavior name="debug">

```
<debugBehavior />
```

```
</behavior>
```

C. <behavior name="debug">

```
<ParametersLoggerBehavior />
```

```
</behavior>
```

D. <ParametersLoggerBehavior name="debug">

```
<debugBehavior />
```

```
</ParametersLoggerBehavior>
```

Answer: B

3. You are creating a Windows Communication Foundation application by using Microsoft .NET Framework 3.5. The application must consume an ATOM 1.0 feed published at <http://localhost:8000/BlogService/GetBlog>.

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You write the following code segment. (Line numbers are included for reference only.)

```
01 Uri address = new
02 Uri("http://localhost:8000/BlogService/GetBlog");
03
04 Console.WriteLine(feed.Title.Text);
```

You need to ensure that the application prints the title of the feed.

Which code segment should you insert at the line 03?

A. `SyndicationFeed feed = SyndicationFeed.Load(address);`

B. `SyndicationFeed feed = new SyndicationFeed();`

`feed.BaseUri = address;`

C. `SyndicationItem item = SyndicationItem.Load(address);`

`SyndicationFeed feed = new SyndicationFeed();`

`feed.Items = new SyndicationItem[] { item };`

D. `SyndicationItem item = new SyndicationItem();`

`item.BaseUri = address;`

`SyndicationFeed feed = new SyndicationFeed();`

`feed.Items = new SyndicationItem[] { item };`

Answer: A

4. You are creating a Windows Communication Foundation application by using Microsoft .NET Framework 3.5.

The application must consume an ATOM 1.0 feed published at `http://localhost:8000/BlogService/GetBlog`.

You write the following code segment. (Line numbers are included for reference only.)

```
01 Dim address As New Uri( _
"http://localhost:8000/BlogService/GetBlog")
02
03 Console.WriteLine(feed.Title.Text)
```

You need to ensure that the application prints the title of the feed.

Which code segment should you insert at the line 02?

A. `Dim feed As SyndicationFeed = SyndicationFeed.Load(address)`

B. `Dim feed As SyndicationFeed = New SyndicationFeed()`

`feed.BaseUri = address`

C. `Dim item As SyndicationItem = SyndicationItem.Load(address)`

`Dim feed As New SyndicationFeed()`

`feed.Items = New SyndicationItem() { item }`

D. `Dim item As New SyndicationItem()`

`item.BaseUri = address`

`Dim feed As New SyndicationFeed()`

`feed.Items = New SyndicationItem() { item }`

Answer: A

5. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

You add the following code segment to the service.

```
public interface ICalculatorService
{
    [OperationContract]
    [FaultContract(typeof(ArithmeticException))]
    double Divide(double number1, double number2);
    [OperationContract]
    void DisposeCalculator();
}
[ServiceBehavior(IncludeExceptionDetailInFaults=true)]
public class CalculatorService : ICalculatorService
{
    public double Divide(double number1, double number2)
    {
        if (number2 == 0)
            throw new DivideByZeroException();
        return (number1 / number2);
    }
    public void DisposeCalculator()
    {
        // release resources.
        ...
    }
}
```

You add the following code segment to the client application.

```
01 public double PerformCalculations(double num1, double num2)
02 {
03
04 }
```

You need to ensure that the DisposeCalculator operation is always called.

Which code segment should you insert at line 03?

```
A. CalculatorClient proxy=new CalculatorClient();
int result=-1;
try {
result=proxy.Divide(number1, number2);
}
catch (DivideByZeroException dzEx) {
}
```

```
proxy.DisposeCalculator();
return result;
B. CalculatorClient proxy=new CalculatorClient();
int result=-1;
try {
result=proxy.Divide(number1, number2);
}
catch (DivideByZeroException dzEx) {
proxy.Close();
proxy=new CalculatorClient();
}
proxy.DisposeCalculator();
return result;
C. CalculatorClient proxy=new CalculatorClient();
int result=-1;
try {
result = proxy.Divide(number1, number2);
}
catch (FaultException dzEx) {
}
proxy.DisposeCalculator();
return result;
D. CalculatorClient proxy=new CalculatorClient();
int result=-1;
try {
result=proxy.Divide(number1, number2);
}
catch (FaultException dzEx) {
proxy.Close();
proxy=new CalculatorClient();
}
proxy.DisposeCalculator();
return result;
Answer: D
```

6. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

You add the following code segment to the service.

```
<ServiceContract(> _
```

```
Public Interface ICalculatorService
```

```
<OperationContract> _
<FaultContract(GetType(ArithmeticException))> _
Function Divide(ByVal number1 As Double, _
ByVal number2 As Double) As Double
<OperationContract> _
Sub DisposeCalculator()
End Interface
<ServiceBehavior(IncludeExceptionDetailInFaults:=True)> _
Public Class CalculatorService
Implements ICalculatorService
Public Function Divide(ByVal number1 As Double, _
ByVal number2 As Double) _
As Double Implements ICalculatorService.Divide
If number2 = 0 Then
Throw New DivideByZeroException
End If
Return number1 / number2
End Function
Public Sub DisposeCalculator() _
Implements ICalculatorService.DisposeCalculator
'Release resource
'...
End Sub
End Class
```

You add the following code segment to the client application.

```
01 Public Function PerformCalculations(ByVal number1 As Double, _
ByVal number2 As Double) As Double
02
03 End Function
```

You need to ensure that the DisposeCalculator operation is always called.

Which code segment should you insert at line 02?

A. Dim proxy As New CalculatorClient

```
Dim result As Integer = -1
```

```
Try
```

```
result = proxy.Divide(number1, number2)
```

```
Catch ex As DivideByZeroException
```

```
End Try
```

```
proxy.DisposeCalculator()
```

```
Return result
```

B. Dim proxy As New CalculatorClient

```
Dim result As Integer = -1
Try
result = proxy.Divide(number1, number2)
Catch ex As DivideByZeroException
proxy.Close()
proxy = New CalculatorClient()
End Try
proxy.DisposeCalculator()
Return result
```

C. Dim proxy As New CalculatorClient

```
Dim result As Integer = -1
Try
result = proxy.Divide(number1, number2)
Catch ex As FaultException
End Try
proxy.DisposeCalculator()
Return result
```

D. Dim proxy As New CalculatorClient

```
Dim result As Integer = -1
Try
result = proxy.Divide(number1, number2)
Catch ex As FaultException
proxy.Close()
proxy = New CalculatorClient()
End Try
proxy.DisposeCalculator()
Return result
```

Answer: D

7. You are creating a client application by using Microsoft .NET Framework 3.5.

The client application will consume a COM+ application by using the Windows Communication Foundation service.

You write the following code segment to implement the COM+ application.

```
[Guid("InterfaceGuidIsHere")]
public interface IDocumentStore
{
bool IsDocumentExist(long id);
}
[Guid("ClassGuidIsHere")]
public class DocumentStore: ServicedComponent, IDocumentStore
```

```
{  
public bool IsDocumentExist(long id)  
{  
//This code checks if document exists.  
}  
}
```

The application ID of the COM+ application is {AppGuidIsHere}.

You need to configure the WCF service to access the COM+ application from the WCF client application.

Which code fragment should you use?

A. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding" contract="IDocumentStore"/>  
</service>  
</services>
```

B. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="{InterfaceGuidIsHere}"/>  
</service>  
</services>
```

C. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="DocumentStorage.IDocumentStore"/>  
</service>  
</services>
```

D. <services>

```
<service name="{AppGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="{InterfaceGuidIsHere}"/>  
</service>  
</services>
```

Answer: B

8. You are creating a client application by using Microsoft .NET Framework 3.5.

The client application will consume a COM+ application by using the Windows Communication Foundation service.

You write the following code segment to implement the COM+ application.

```
<Guid("InterfaceGuidIsHere")> _  
Public Interface IDocumentStore
```

Function IsDocumentExist(ByVal id As Long) As Boolean

End Interface

<Guid("ClassGuidIsHere")> _

Public Class DocumentStore

Inherits ServicedComponent

Implements IDocumentStore

Public Function IsDocumentExist(ByVal id As Long) _

As Boolean Implements IDocumentStore.IsDocumentExist

"This code checks if document exists

End Function

End Class

The application ID of the COM+ application is {AppGuidIsHere}.

You need to configure the WCF service to access the COM+ application from the WCF client application.

Which code fragment should you use?

A. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding" contract="IDocumentStore"/>  
</service>  
</services>
```

B. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="{InterfaceGuidIsHere}"/>  
</service>  
</services>
```

C. <services>

```
<service name="{AppGuidIsHere},{ClassGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="DocumentStorage.IDocumentStore"/>  
</service>  
</services>
```

D. <services>

```
<service name="{AppGuidIsHere}">  
<endpoint binding="wsHttpBinding"  
contract="{InterfaceGuidIsHere}"/>  
</service>  
</services>
```

Answer: B

9. You are creating a distributed application by using Microsoft .NET Framework 3.5. You use Windows

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Communication Foundation (WCF) to create the application.

The client application is used in Company A, and the service application is used in Company B. Company A and company B have security token services named STS_A and STS_B respectively.

You need to authenticate the client application by using federated security.

Which combination of bindings should you use?

- A. wsHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsFederationHttpBinding for the STS_A service
 - wsFederationHttpBinding for the STS_B service
- B. wsFederationHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsHttpBinding for the STS_A service
 - wsHttpBinding for the STS_B service
- C. wsHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsHttpBinding for the STS_A service
 - wsFederationHttpBinding for the STS_B service
- D. wsHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsFederationHttpBinding for the STS_A service
 - wsHttpBinding for the STS_B service

Answer: B

10. You are creating a distributed application by using Microsoft .NET Framework 3.5. You use Windows Communication Foundation (WCF) to create the application.

The client application is used in Company A, and the service application is used in Company B. Company A and company B have security token services named STS_A and STS_B respectively.

You need to authenticate the client application by using federated security.

Which combination of bindings should you use?

- A. wsHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsFederationHttpBinding for the STS_A service
 - wsFederationHttpBinding for the STS_B service
- B. wsFederationHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsHttpBinding for the STS_A service
 - wsHttpBinding for the STS_B service
- C. wsHttpBinding for the client application
 - wsFederationHttpBinding for the WCF service
 - wsHttpBinding for the STS_A service

wsFederationHttpBinding for the STS_B service

D. wsHttpBinding for the client application

wsFederationHttpBinding for the WCF service

wsFederationHttpBinding for the STS_A service

wsHttpBinding for the STS_B service

Answer: B

11. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

The WCF service must authenticate the client applications by validating credit card numbers and expiry dates.

You write the following code segment. (Line numbers are included for reference only.)

```
01 class CreditCardTokenAuthenticator : SecurityTokenAuthenticator
```

```
02 {
```

```
03 // Implementation of other abstract methods comes here.
```

```
04 protected override
```

```
05 ReadOnlyCollection<IAuthorizationPolicy>
```

```
06 ValidateTokenCore(SecurityToken token)
```

```
07 {
```

```
08 CreditCardToken creditCardToken =
```

```
09 token as CreditCardToken;
```

```
10
```

```
11 }
```

```
12 private bool IsCardValid(string cardNumber,
```

```
13 DateTime expirationDate )
```

```
14 {
```

```
15 // Validation code comes here.
```

```
16 }
```

```
17 }
```

You need to implement custom authentication for the WCF service.

Which code segment should you insert at line 10?

A. if (IsCardValid(creditCardToken.CardNumber,
creditCardToken.ValidTo))

```
return null;
```

```
else
```

```
throw new SecurityTokenValidationException();
```

B. if (IsCardValid(creditCardToken.CardNumber,
creditCardToken.ValidTo))

```
throw new SecurityTokenValidationException();
```

```
else
```

```
return null;
```

```
C. if (IsCardValid(creditCardToken.CardNumber,
creditCardToken.ValidTo))
    return null;
else
return new List<IAuthorizationPolicy>(0).AsReadOnly();
D. if (IsCardValid(creditCardToken.CardNumber,
creditCardToken.ValidTo))
    return new List<IAuthorizationPolicy>(0).AsReadOnly();
else
return null;
```

Answer: D

12. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

The WCF service must authenticate the client applications by validating credit card numbers and expiry dates.

You write the following code segment. (Line numbers are included for reference only.)

```
01 Class CreditCardTokenAuthenticator
02 Inherits SecurityTokenAuthenticator
03 Protected Overrides Function ValidateTokenCore( _
ByVal token As SecurityToken) _
As ReadOnlyCollection(Of IAuthorizationPolicy)
04 Dim _creditCardToken As CreditCardToken = _
CType(token, CreditCardToken)
05
06 End Function
07 Private Function IsCardValid( _
ByVal cardNumber As String, _
ByVal expirationDate As DateTime) _
As Boolean
08 'Validation code comes here
09 End Function
10 End Class
```

You need to implement custom authentication for the WCF service.

Which code segment should you insert at line 05?

```
A. If IsCardValid(_creditCardToken.CardNumber, _
_creditCardToken.ValidTo) Then
Return Nothing
Else
Throw New SecurityTokenValidationException()
End If
```

```
B. If IsCardValid(_creditCardToken.CardNumber, _
_creditCardToken.ValidTo) Then
Throw New SecurityTokenValidationException()
Else
Return Nothing
End If
```

```
C. If IsCardValid(_creditCardToken.CardNumber, _
_creditCardToken.ValidTo) Then
Return Nothing
Else
Return New List(Of IAuthorizationPolicy)(0).AsReadOnly()
End If
```

```
D. If IsCardValid(_creditCardToken.CardNumber, _
_creditCardToken.ValidTo) Then
Return New List(Of IAuthorizationPolicy)(0).AsReadOnly()
Else
Return Nothing
End If
```

Answer: D

13. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

The WCF service will validate certificates to authorize client applications.

You write the following code segment.

```
class Store: IStore
{
public void RemoveOrder(int ordered)
{
}
}
```

You need to ensure that only those client applications that meet the following criteria can access the RemoveOrder method:

"AdminUser" is the subject in the client certificate.

"1bf47e90f00acf4c0089cda65e0aadcf1cedd592" is the thumbprint in the client certificate.

What should you do?

A. Decorate the RemoveOrder method by using the following attribute.

```
[PrincipalPermission(SecurityAction.Demand, Name="AdminUser;
1bf47e90f00acf4c0089cda65e0aadcf1cedd592")]
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="Windows"/>
```

B. Decorate the RemoveOrder method by using the following attribute.

```
[PrincipalPermission(SecurityAction.Demand, Role="CN=AdminUser, 1bf47e90f00acf4c0089cda65e0aadcf1cedd592")]
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="Windows"/>
```

C. Decorate the RemoveOrder method by using the following attribute.

```
[PrincipalPermission(SecurityAction.Demand, Role="AdminUser, 1bf47e90f00acf4c0089cda65e0aadcf1cedd592")]
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="UseAspNetRoles"/>
```

D. Decorate the RemoveOrder method by using the following attribute.

```
[PrincipalPermission(SecurityAction.Demand, Name = "CN=AdminUser; 1bf47e90f00acf4c0089cda65e0aadcf1cedd592")]
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="UseAspNetRoles"/>
```

Answer: D

14. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5.

The WCF service will validate certificates to authorize client applications.

You write the following code segment.

```
Class Store
```

```
Implements IStore
```

```
Public Sub RemoveOrder(ByVal ordered As Integer) _
```

```
Implements IStore.RemoveOrder
```

```
End Sub
```

```
End Class
```

You need to ensure that only those client applications that meet the following criteria can access the RemoveOrder method:

"AdminUser" is the subject in the client certificate.

"1bf47e90f00acf4c0089cda65e0aadcf1cedd592" is the thumbprint in the client certificate.

What should you do?

A. Decorate the RemoveOrder method by using the following attribute.

```
<PrincipalPermission(SecurityAction.Demand, _  
Name:="AdminUser;1bf47e90f00acf4c0089cda65e0aadcf1cedd592")> _
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="Windows"/>
```

B. Decorate the RemoveOrder method by using the following attribute.

```
<PrincipalPermission(SecurityAction.Demand, _  
Role:="CN=AdminUser,1bf47e90f00acf4c0089cda65e0aadcf1cedd592")> _
```

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Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="Windows"/>
```

C. Decorate the RemoveOrder method by using the following attribute.

```
<PrincipalPermission(SecurityAction.Demand, _  
Role:="AdminUser,1bf47e90f00acf4c0089cda65e0aadcf1cedd592")> _
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="UseAspNetRoles"/>
```

D. Decorate the RemoveOrder method by using the following attribute.

```
<PrincipalPermission(SecurityAction.Demand, _  
Name:="CN=AdminUser;1bf47e90f00acf4c0089cda65e0aadcf1cedd592")> _
```

Initialize the serviceAuthorization element of the service behavior in the following manner.

```
<serviceAuthorization principalPermissionMode="UseAspNetRoles"/>
```

Answer: D

15. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5. The service will authenticate the client applications by using Personal Information Cards.

You write the following code segment. (Line numbers are included for reference only.)

```
01 public class CustomServiceAuthorizationManager :  
02 ServiceAuthorizationManager {  
03     protected override bool CheckAccessCore(OperationContext  
04     operationContext)  
05     {  
06         string action=  
07         operationContext.RequestContext.RequestMessage.  
08         Headers.Action;  
09         if (action == "http://tempuri.org/IEngine/Update")  
10         {  
11             foreach (ClaimSet cs in  
12             operationContext.ServiceSecurityContext.AuthorizationContext.  
13             ClaimSets)  
14             {  
15  
16             }  
17             return false;  
18         }  
19         return true;  
20     }  
21     bool IsEmailValid(string email)  
22     {  
23         //e-mail validation is performed here;
```

24 return true;

25 }

26

You need to ensure that only those client applications that provide a valid e-mail address can execute the Update method.

Which code segment should you insert at line 15?

A. foreach (Claim c in

```
cs.FindClaims("http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", "PossessProperty"))
return IsEmailValid(c.Resource.ToString());
```

B. foreach (Claim c in

```
cs.FindClaims("http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", string.Empty))
return IsEmailValid(c.Resource.ToString());
```

C. foreach (Claim c in

```
cs.FindClaims("http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", Rights.PossessProperty))
return IsEmailValid(c.Resource.ToString());
```

D. foreach (Claim c in

```
cs.FindClaims("http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", Rights.Identity))
return IsEmailValid(c.Resource.ToString());
```

Answer: C

16. You are creating a Windows Communication Foundation (WCF) service by using Microsoft .NET Framework 3.5. The service will authenticate the client applications by using Personal Information Cards.

You write the following code segment. (Line numbers are included for reference only.)

01 Public Class CustomServiceAuthorizationManager

02 Inherits ServiceAuthorizationManager

03 Public Overrides Function CheckAccess(_

04 ByVal operationContext As OperationContext) As Boolean

05 Dim action As String = _

operationContext.RequestContext. _

RequestMessage.Headers.Action

06 If action = "http://tempuri.org/IEngine/Update" Then

07 For Each cs As ClaimSet In _

operationContext.ServiceSecurityContext. _

AuthorizationContext.ClaimSets

08

09 Next

```
10 Return False
11 End If
12 Return True
13 End Function
14 Function IsValidEmail(ByVal email As String) As Boolean
15 'e-mail validation is performed here;
16 Return True
17 End Function
18 End Class
```

You need to ensure that only those client applications that provide a valid e-mail address can execute the Update method.

Which code segment should you insert at line 08?

- A. For Each c As Claim In cs.FindClaims(_
 "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", _
 "PossessProperty")
 Return IsValidEmail(c.Resource.ToString())
Next
- B. For Each c As Claim In cs.FindClaims(_
 "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", _
 String.Empty)
 Return IsValidEmail(c.Resource.ToString())
Next
- C. For Each c As Claim In cs.FindClaims(_
 "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", _
 Rights.PossessProperty)
 Return IsValidEmail(c.Resource.ToString())
Next
- D. For Each c As Claim In cs.FindClaims(_
 "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress", _
 Rights.Identity)
 Return IsValidEmail(c.Resource.ToString())
Next

Answer: C

17. You are creating a distributed application by using Microsoft .NET Framework 3.5. You use Windows Communication Foundation to create the application.

You plan to perform the following tasks:

Authenticate the client applications by using Microsoft ASP.NET membership provider.

Authorize the client applications by using Microsoft ASP.NET role provider.

You write the following code segment.

```
[ServiceContract]
public interface IService
{
[OperationContract]
void Remove(int id);
}
public class Service : IService
{
public void Remove(int id)
{
}
}
```

You need to ensure that only those client applications that provide credentials belonging to the AdminGroup role can access the Remove method.

What should you do?

A. Add the following attribute to the Remove method of the Service class.

```
[PrincipalPermission(SecurityAction.Demand, Role="AdminGroup")]
```

B. Add the following attribute to the Remove method of the IService interface.

```
[PrincipalPermission(SecurityAction.Demand, Role="AdminGroup")]
```

C. Add the following attribute to the Service class.

```
[PrincipalPermission(SecurityAction.Demand,
Name="Remove", Role="AdminGroup")]
```

D. Add the following attribute to the Service class.

```
[PrincipalPermission(SecurityAction.Demand,
Name="IService.Remove", Role="AdminGroup")]
```

Answer: A

18. You are creating a distributed application by using Microsoft .NET Framework 3.5. You use Windows Communication Foundation to create the application.

You plan to perform the following tasks:

Authenticate the client applications by using Microsoft ASP.NET membership provider.

Authorize the client applications by using Microsoft ASP.NET role provider.

You write the following code segment.

```
<ServiceContract> _
Public Interface IService
<OperationContract> _
Sub Remove(ByVal id As Integer)
End Interface
Public Class Service
Implements IService
```

```
Public Sub Remove(ByVal id As Integer) _
```

```
Implements IService.Remove
```

```
End Sub
```

```
End Class
```

You need to ensure that only those client applications that provide credentials belonging to the AdminGroup role can access the Remove method.

What should you do?

A. Add the following attribute to the Remove method of the Service class.

```
<PrincipalPermission(SecurityAction.Demand, Role:="AdminGroup")> _
```

B. Add the following attribute to the Remove method of the IService interface.

```
<PrincipalPermission(SecurityAction.Demand, Role:="AdminGroup")> _
```

C. Add the following attribute to the Service class.

```
<PrincipalPermission(SecurityAction.Demand, _  
Name:="Remove", Role:="AdminGroup")> _
```

D. Add the following attribute to the Service class.

```
<PrincipalPermission(SecurityAction.Demand, _  
Name:="IService.Remove", Role:="AdminGroup")> _
```

Answer: A

19. You create a stateless, thread-safe service by using Microsoft .NET Framework 3.5. You use the Windows Communication Foundation model to create the service.

Load testing reveals that the service does not scale above 1,000 concurrent users.

You discover that each call to the service instantiates a new service instance. You also discover that these service instances are expensive to create.

You need to ensure that 5,000 concurrent users can access the service.

Which code segment should you use?

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

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

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

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

Answer: B

EXAMWEAPONS 70-503 Demo

20. You create a stateless, thread-safe service by using Microsoft .NET Framework 3.5. You use the Windows Communication Foundation model to create the service.

Load testing reveals that the service does not scale above 1,000 concurrent users.

You discover that each call to the service instantiates a new service instance. You also discover that these service instances are expensive to create.

You need to ensure that 5,000 concurrent users can access the service.

Which code segment should you use?

- A. `<ServiceBehavior(_
 InstanceContextMode:=InstanceContextMode.PerCall, _
 ConcurrencyMode:=ConcurrencyMode.Reentrant)> _`
- B. `<ServiceBehavior(_
 InstanceContextMode:=InstanceContextMode.Single, _
 ConcurrencyMode:=ConcurrencyMode.Multiple)> _`
- C. `<ServiceBehavior(_
 InstanceContextMode:=InstanceContextMode.PerCall, _
 ConcurrencyMode:=ConcurrencyMode.Multiple)> _`
- D. `<ServiceBehavior(_
 InstanceContextMode:=InstanceContextMode.Single, _
 ConcurrencyMode:=ConcurrencyMode.Reentrant)> _`

Answer: B

Answer: D