MCSD.NET - 70-310 Exam Interview Questions And Answers Guide.

MCSD.NET - 70-310 Exam Job Interview Preparation Guide.

Question # 1

Suppose You create three Windows services named EXService1, EXService2, and EXService3. You want
to install all three services on a computer named XYZA by using the Installer tool (Installutil.exe).
On the command line of XYZA, you enter and run the following command:
Installutil EXService1 EXService2 EXService3
During the installation process, EXService3 throws an installation error. The installation process
completes.
How many of the three services are now installed on XYZ1?
A. None
B. One
C. Two
D. Three.

Answer:-

A. None

Question # 2

Suppose You create a serviced component named Scheduler. Scheduler is registered in a library
application. The Scheduler methods parse String objects into Date Time objects.
You write a console application named EXCoverage.exe to test each method in Scheduler. You
want Coverage.exe to test Scheduler for multiple cultures to verify its globalization support.
What should you do?
A. Create a CultureInfo object for each culture locale before calling the Scheduler methods.
B. Create a RegionInfo object for each culture locale before calling the Scheduler methods.
C. Set the current thread?s CurrentCulture property to each culture locale before calling the
Scheduler methods.
D. Create a EXCoverage.exe.config file and add a <location> element to the configuration file for
each culture locale.

Answer:-

C. Set the current thread?s CurrentCulture property to each culture locale before calling the
Scheduler methods.

Question # 3

Suppose You are creating an XML Web service named ListBoxService. This service provides content,
such as states, countries, and geographical regions, for use in drop-down list boxes.
ListBoxService contains a Web method named RetrieveRegionsListBox. This method runs a
DataSet object that contains every geographical region in the world.
RetrieveRegionsListBox calls a Microsoft SQL Server database to load the DataSet object with
region data. You want to minimize the amount of time the method takes to return to the caller.
What should you do?
A. Use a stored procedure to return the data.
B. Store each DataSet object by using the Session object.
C. Set the BufferResponse property of the WebMethod attribute to false.
D. Set the CacheDuration property of the WebMethod attribute to an interval greater than zero.

Answer:-

D. Set the CacheDuration property of the WebMethod attribute to an interval greater than zero.

Question # 4

Your company frequently receives product information from external vendors in the form of XML
data.
You receive XML document files, an .xdr schema file, and an .xsd schema file.

You need to write code that will create a typed DataSet object on the basis of product information.
Your code will be used in several Visual studio .NET applications to speed up data processing.
You need to create this code as quickly as possible.
What should you do?
A. Create the code manually.
B. Use XmlSerializer.Serialize to generate the code.
C. Use the XmlSerializer.Deserialize to generate the code.
D. Use the Xml Schema Definition tool (Xsd.exe) to generate the code.

Answer:-

D. Use the Xml Schema Definition tool (Xsd.exe) to generate the code.

Read More Answers.

Question # 5

Suppose You are planning to create a DataSet object named EXDataSet to be used in a bond-trading
application.
Several developers will need to write code to manipulate EXDataSet, and you want to ensure that
myDataSet is easy for them to use. You decide to create EXDataSet as a strongly typed data set.
Which two actions should you take? (Each correct answer presents part of the solution. Choose
two)
A. Create an XSD schema that defines EXDataSet.
B. Create an XDR schema that defines EXDataSet.
C. Create a class for EXDataSet that is based on the schema and that inherits from the DataSet
class.
D. Create a class for EXDataSet that is based on the schema and that inherits from the
XmlSchema class.
E. Create a key pair for EXDataSet by using the Strong Name tool (Sn.exe).

Answer:-

A. Create an XSD schema that defines EXDataSet.
C. Create a class for EXDataSet that is based on the schema and that inherits from the DataSet
class.

Read More Answers.

Question # 6

Suppose You are creating an XML Web service that provides a daily quotation from literary works to its
customers. This quotation is requested in many different languages, thousands of times every
day, and by thousands of Web sites operating many different platform.
A Web method named GetEXQuotes takes a languageID as input. GetEXQuotes uses this
language ID to retrieve a translated version of the daily quotation from a Microsoft SQL Server
database and to return that quotation to the customer.
You want to minimize the time it takes to return the translated version.
What should you do?
A. Store each translated quotation by using the Cache object.
B. Store each translated quotation by using the Session object.
C. Set the BufferResponse property of the WebMethod attribute to false.
D. Set the CacheDuration property of the WebMethod attribute to an interval greater than zero.

Answer:-

A. Store each translated quotation by using the Cache object.

Read More Answers.

Question # 7

Suppose XYZ Inc. provides a credit card processing application for its customers. The current application
supports only computers that run on a Microsoft Windows operating system.
You are asked to rewrite the current application as a .NET application. This .NET application
does not need to be backward compatible with the current application.
You must ensure that this new application meets the following requirements:
? Must support asynchronous processing.
? Must be able to pass data through firewalls.
? Must pass only SOAP-Compliant formatted data validated by using an XSD schema.
? Must not be limited to client computers running on a Microsoft operating system.
You want to accomplish this task by using the minimum amount of development effort.
Which type of .NET application should you use?
A. Windows service
B. XML Web service
C. Serviced component
D. .NET Remoting object

Answer:-

B. XML Web service

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Question # 8

Suppose You are creating a .NET Remoting object named PropertyCache. PropertyCache will hold a
Hashtable object or name/value pairs.
A variety of remote client applications will communicate with PropertyCache to set and get

property values. You need to ensure that properties set by one client application are also accessible to other client applications.

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

A. Configure PropertyCache to be a client-activated object.
B. Configure PropertyCache to be a server-activated Singleton object.
C. Configure PropertyCache to be a server-activated SingleCall object.
D. Derive the PropertyCache class from MarshalByRefObject and override InitializeLifetimeService() to return null.
E. Mark the PropertyCache class with the Serializable attribute.
Implement the ISponsor interface in the PropertyCache class.
F. Implement the ISerializable and ILease interfaces in the PropertyCache class.
Implement ILease.CurrentLeaseTime to return Int32.MaxValue.

Answer:-

B. Configure PropertyCache to be a server-activated Singleton object.
D. Derive the PropertyCache class from MarshalByRefObject and override InitializeLifetimeService() to return null.

Read More Answers.

Question # 9

You are creating an XML Web service that processes highly confidential messages. The service exposed a Web method named RetrieveMessage that takes as input a code name and returns an encrypted message.
You create a SOAP extension and override the extension?s ProcessMessage method so that you can encrypt the message before it is sent back to the caller.
You need to encrypt only the data within the RetrieveMessageResult node of the SOAP response. You create a function named EncryptMessage that encrypts the RetrieveMessageResult node. You need to ensure that this method gets called before sending the message back to the caller.
During which SoapMessageStage should you call EncryptMessage?
A. BeforeSerialize
B. AfterSerialize
C. BeforeDeserialize
D. AfterDeserialize

Answer:-

B. AfterSerialize

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Question # 10

You have DataSet object named LoanCustomersDataSet that contains customers serviced by the loan department of XYZ. You receive a second DataSet that contains customers serviced by the asset management department of XYZ. Both objects have the same structure.
You want to merge assetCustomersDataSet into LoanCustomersDataSet and preserve the original values in loanCustomersDataSet.
Which code segment should you use?
A. loanCustomersDataSet.Merge (assetCustomersDataSet)
B. loanCustomersDataSet.Merge (assetCustomersDataSet, True)
C. assetCustomersDataSet.Merge (loanCustomersDataSet)
D. assetCustomersDataSet.Merge (loanCustomersDataSet, True)

Answer:-

B. loanCustomersDataSet.Merge (assetCustomersDataSet, True)

Read More Answers.

Question # 11

You create an XML Web service named TimeService. Each time TimeService is started, it checks for the existence of an event log named TimeServiceLog. If TimeServiceLog does not exist, TimeService creates it.
You discover that when TimeService creates TimeServiceLog, it throws a System.Security.SecurityException. The exception includes the following message: ?Requested registry access is not allowed?. You need to resolve this problem.
What should you do?.
A. Configure Inetinfo.exe to run as the local administrator user account.
B. Create an installer for TimeService, and create the new event log in the installer code.
C. Modify the Web.config file by adding an identity element to impersonate the LOGON user specified by Internet Information Services (IIS).
D. Modify the permissions of the HKEY_LOCAL_MACHINESYSTEMCurrentControlSetServicesEventlog registry key to give full control to the IUSR_computername user account.

Answer:-

B. Create an installer for TimeService, and create the new event log in the installer code.

Read More Answers.

Question # 12

Suppose You create a Windows service that processes XML messages placed in a MSMQ queue. You discover that the service is not functioning properly.
You need to debug the service to correct the program.
What should you do?
A. Start the Windows service.
Then attach a debugger to the process.
B. Attach a debugger to the Windows service.
Then start the Windows service.
C. Start the Windows service.
Then run the .NET Services Installation tool (Regsvcs.exe).
D. Place a breakpoint in the Main method of the Windows service.
Then run the application within the Visual Studio .NET integrated development environment (IDE).

Answer:-

A. Start the Windows service.
Then attach a debugger to the process.

Read More Answers.

Question # 13

You create a .NET Remoting object named EXPatientinfo that exposes medical patient information.
Because of the confidential nature of the information, you must ensure that the data remains secure.
You want client applications to connect to EXPatientinfo over a secure communication channel.
You want to accomplish this task by writing the minimum amount of code.
What should you do?
A. Create your own host application and use a TcpChannel and BinaryFormatter.
B. Create your own host application and use an HttpChannel and a SoapFormatter.
C. Install EXPatientinfo in an Internet Information Services (IIS) virtual directory.
Configure EXPatientinfo to use a TcpChannel and a BinaryFormatter.
Configure IIS to use SSL.
D. Install EXPatientinfo in an Internet Information Services (IIS) virtual directory.
Configure EXPatientinfo to use an HttpChannel and a SoapFormatter.
Configure IIS to use SSL.

Answer:-

D. Install EXPatientinfo in an Internet Information Services (IIS) virtual directory.
Configure EXPatientinfo to use an HttpChannel and a SoapFormatter.
Configure IIS to use SSL.

Read More Answers.

Question # 14

You have a DataSet object named myDataSet. This object contains two DataTable objects named Customers and Orders. Customers has a column named CustomerID, which is unique to each customer.
Orders also has a column named CustomerID. You want to use the GetChildRows method of the DataRow object to get all orders for the current customers.
What should you do?
A. Add a foreign key constraint on CustomerID of Orders between Customers and Orders.
B. Add a data relation to myDataSet on OrderID between Customers and Orders.
C. Create a unique constraint on CustomerID of Customers..
D. Create a primary key on CustomerID of Customers.

Answer:-

B. Add a data relation to myDataSet on OrderID between Customers and Orders.

Read More Answers.

Question # 15

Suppose You create an XML Web service named XYZService. You must ensure that this service meets the following URL authorization requirements.
? Anonymous access must be disabled for XYZService.
? An authenticated user named User1 cannot access XYZService.
? All other authenticared users can access XYZService.
You configure Internet Information Services (IIS) to meet these requirements. You now need to configure the authorization section in the Web.config file to properly authorize the users.
Which code segment should you use?
A. <allow users=?*? />.
<deny users=?User1? />
B. <allow users=??? />
<deny users=?User1? />
C. <deny users=?*? />
<deny users=?User1? />
<allow users=??? />
D. <deny users=??? />
<deny users=?User1? />
<allow users=?*? />

Answer:-

D. <deny users=??? />
<deny users=?User1? />
<allow users=?*? />

Question # 16

Suppose You are debugging a visual studio .Net application named XYZApp. The application produces an
Xml documents object and then consumes the same object. This object moves data in the
application. The object has no schema, but it contains a declaration line that you must inspect.
You decide to transform the XML code and its declaration into a string for easy inspection.
What should you do?
A. Assign the ToString method of the Xml Document object to a string variable.
B. Assign the OuterXml property of the Xml document object to a string variable
C. Assign the OuterXml property of the Xml document element property of the Xml document
object to a string variable.
D. Use the WriteContentTo method of the XmlDocument object to write the document into a
MemoryStream object. Use the GetXml method of the DataSet object to get a string version of
the document.

Answer:-

B. Assign the OuterXml property of the Xml document object to a string variable

Question # 17

You are creating an XML Web service named XYZService. This service has a function named
WriteMessage that writes messages to a flat file in the C:EXServiceLog directory..
You want to implement security for WriteMessage so that WriteMessage and all the code it calls
can write messages only to the EXServiceLog directory.
Which code segment should you use?
A. Dim filePermission As New
FileIOPermission_(FileIOPermissionAccess.Write, ?C:EXServiceLog?)
filePermission.Demand()
B. Dim filePermission As New
FileIOPermission_(FileIOPermissionAccess.Write, ?C:EXServiceLog?)
filePermission.Deny()
C. Dim filePermission As New
FileIOPermission_(FileIOPermissionAccess.Write, ?C:EXServiceLog?)
filePermission.PermitOnly()
D. Dim filePermission As New
FileIOPermission_(FileIOPermissionAccess.Write, ?C:EXServiceLog?)
filePermission.Assert()

Answer:-

C. Dim filePermission As New
FileIOPermission_(FileIOPermissionAccess.Write, ?C:EXServiceLog?)
filePermission.PermitOnly()

Question # 18

How to create a serviced component named SessionDispenser. This computer is in the XYZ.Utilities
assembly and is registered in a COM+ server application. SessionDispenser has multiple callers.
You discover that there are logic problems in the Create New Session method. You want to
debug any calls to this method.
What should you do?
A. Open the SessionDispenser solution.
Set a breakpoint on the CreateNewSession method.
Start the debugger.
B. Attach the debugger to the client process.
Set a breakpoint on the SessionDispenser.CreateNewSession method.
C. Attach the debugger to the XYZ.Utilites.exe process.
Set a breakpoint on the CreateNewSession method.
D. Attach the debugger to a Dllhost.exe process.
Set a breakpoint on the CreateNewSession method.

Answer:-

D. Attach the debugger to a Dllhost.exe process.
Set a breakpoint on the CreateNewSession method.

Question # 19

Suppose You create an XML Web service named WeatherService. This service contains a Web method
named RetrieveWeather. RetrieveWeather takes as input a city named and returns the current
weather conditions for that city.
You need to provide callers of this service with the URL they need to issue an HTTP-GET against
WeatherService.
Which URL should you use?
A. http://XYZSrv/AppPath/WeatherService.asmx/cityname=somecity

B. http://XYZSrv/AppPath/WeatherService.asmx/RetrieveWeather?cityname=somecity
C. http://XYZSrv/AppPath/WeatherService/RetreieveWeather.asmx?cityname=somecity
D. http://XYZSrv/AppPath/WeatherService/RetrieveWeather?cityname=somecity

Answer:-

B. http://XYZSrv/AppPath/WeatherService.asmx/RetrieveWeather?cityname=somecity

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