70-561(CSharp)

TS: Microsoft .NET Framework 3.5, ADO.NET Application Development C# - Testking89 Questions

Q&A

DEMO Version

Important Note
Please Read Carefully

For demonstration purpose only, this free version Chinatag study guide contains **10** full length questions selected from our full version products which have more than **200** questions each.

This Study guide has been carefully written and compiled by Chinatag certification experts. It is designed to help you learn the concepts behind the questions rather than be a strict memorization tool. Repeated readings will increase your comprehension.

For promotion purposes, all PDF files are **not** encrypted. Feel free to distribute copies among your friends and let them know Chinatag website.

Study Tips

This product will provide you questions and answers along with detailed explanations carefully compiled and written by our experts. Try to understand the concepts behind the questions instead of cramming the questions. Go through the entire document at least twice so that you make sure that you are not missing anything.

Latest Version

We are constantly reviewing our products. New material is added and old material is revised. Free updates are available for 90 days after the purchase. You should check the products page on the http://www.chinatag.com website for an update 3-4 days before the scheduled exam date.

Please tell us what you think of our products. We appreciate both positive and critical comments as your feedback helps us improve future versions. Feedback on specific questions should be send to feedback@chinatag.com.

Thanks for purchasing our products and look forward to supplying you with all your Certification training needs.

Good studying!

Technical and Support Team
Chinatag LLC.

QUESTION 1
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application. The Contoso.com network contains a Microsoft SQL Server 2005 server named DB01. Your application retrieve records from a database named Trades that resides on DB01. The application connects to Trades by using an instance of the SqlConnection class with the following connection string.

"Data Source=DB01;UID='mhamm';PWD='password';"

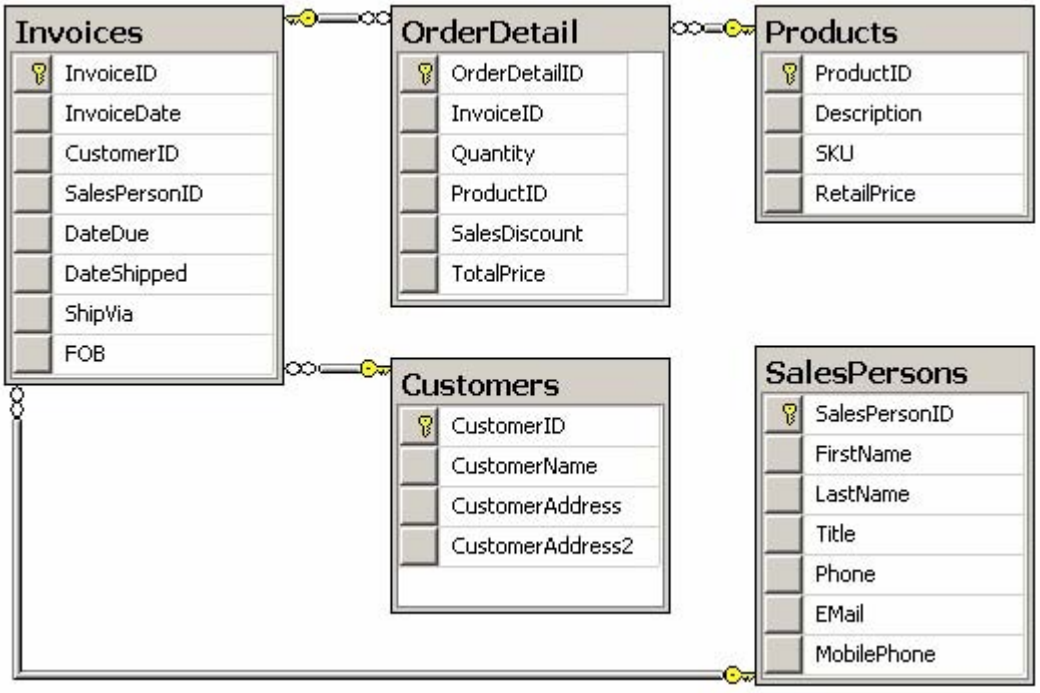
When the application calls the Open method of the SqlConnection object, it displays the following: "Cannot open user default database. Login failed. Login failed for user 'mhamm'".
You need to make sure that you can connect to Trades when the user account for the connection is mhamm.

What should you do?

A. Change the connection string as follows:
Data Source=DB01;Initial Catalog=Trades;UID=mhamm; PWD=password;"
B. Create a login for Mia Hamm on DB01.
C. Create a database user object in Trades and map the object to the SQL Server 2005 login of Mia Hamm.
D. Change the connection string as follows:
"Server=DB01;Database=Trades;UID=mhamm;PWD=password;"

Answer: C

QUESTION 2
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The Microsoft SQL Server 2005 database contains the tables as seen in the following exhibit:



You add a DataColumn class named InvoiceTotal to the Invoices table. You want to make sure that OrderTotal

column stores the sum of the values in the TotalPrice column of the OrderDetail table.

What should you do?

A. Use the following expression string to set the Expression property of the InvoiceTotal column:
"Sum(Relationship.TotalPrice)"
B. Use the following expression string to set the Expression property of the InvoiceTotal column:
"Sum(Invoices_OrderDetail.TotalPrice)"
C. Use the following expression string to set the Expression property of the InvoiceTotal column:
"Sum(OrderDetail.TotalPrice)"
D. Use the following expression string to set the Expression property of the InvoiceTotal column:
"Sum(Child(Invoices_OrderDetail).TotalPrice)"

Answer: D

QUESTION 3
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. You have written the following code to generate a storage schema definition for a stored procedure from the database.

```
<Function Name="GetSuppliersPerRegion" Aggregate="false" BuiltIn="false" NiladicFunction="false"
IsComposable="false"
            ParameterTypeSemantics="AllowImplicitConversion" Schema="dbo">
   <Parameter Name="region" Type="char" Mode="In" />
</Function>
```

You application uses two namespaces named ContosoModel.Store and ContosoModel. The ContosoModel. Store has the storage schema and the ContosoModel has the conceptual schema that has an entity named Supplier. You want to create a function named GetSuppliersInRegion that returns a list of Supplier entity instances.

What should you do? (Each correct answer presents part of the solution. Choose TWO.)

A. Create the following code segment in the conceptual schema:
```
<FunctionImport EntitySet="Supplier" Name="GetSuppliersInRegion" ReturnType="Collection
(ContosoModel.Supplier)">
   <Parameter Name="region" Mode="In" Type="String" />
</FunctionImport>
```
B. Create the following code segment in the mapping schema:
```
<FunctionImportMapping FunctionImportName="GetSuppliers" FunctionName="Contoso.Model.Store.
GetSuppliers">
   <ResultMapping>
      <EntityTypeMapping TypeName ="ContosoModel.Supplier" />
   </ResultMapping>
</FunctionImportMapping>
```
C. Create the following code segment in the conceptual schema:
```
<FunctionImport EntitySet="Supplier" Name="GetSuppliersInRegion" ReturnType="ContosoModel.
Supplier">
   <Parameter Name="region" Mode="In" Type="String" />
</FunctionImport>
```

D. Create the following code segment in the mapping schema:
```
<FunctionImportMapping FunctionImportName="GetSuppliers" FunctionName="ContosoModel.Store.
GetSuppliers">
   <ResultMapping>
      <EntityTypeMapping TypeName="ContosoModel.Supplier" />
   </ResultMapping>
</FunctionImportMapping>
```
E. Create the following code segment in the conceptual schema:
```
<FunctionImport EntitySet="Supplier" Name="GetSuppliersInRegion" ReturnType="Collection
(ContosoModel.Supplier)">
   <Parameter Name="region" Mode="In" Type="String" />
</FunctionImport>
```
F. Create the following code segment in the mapping schema:
```
<FunctionImportMapping FunctionImportName="GetSuppliers" FunctionName="ContosoModel.Store.
GetSuppliers">
   <ResultMapping>
      <EntityTypeMapping TypeName ="MultiSet" />
   </ResultMapping>
</FunctionImportMapping>
```

Answer: AB

QUESTION 4
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The application is used under a Least-Privilege User Account (LUA) of the operating system. You want to configure the SQL Server 2005 connection string in the app.config file to use SQL Server Express user instances.

What should you do?

A. Use the following code segment:
```
Data Source=\\SQLExpress;Integrated Security=true;User Instance=true;AttachDBFilename=InstanceDB.
mdf;Initial Catalog=InstanceDB;
```
B. Use the following code segment:
```
Data Source=\\SQLExpress;Integrated
Security=true;AttachDBFilename=|DataDirectory|\InstanceDB.mdf;Initial Catalog=InstanceDB;
```
C. Use the following code segment:
```
Data Source=\\SQLExpress;Integrated Security=true;User Instance=true;AttachDBFilename=|
DataDirectory|\InstanceDB.mdf;Initial Catalog=InstanceDB;
```
D. Use the following code segment:
```
Data Source=\\SQLExpress;Integrated Security=false;User Instance=true;AttachDBFilename=|
DataDirectory|\InstanceDB.mdf;Initial Catalog=InstanceDB;
```

Answer: C

QUESTION 5
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. Your application contains the following code.

```
string queryString = "Select * from dbo.Users";
SqlCommand command = new SqlCommand(queryString, (SqlConnection)connection));
```

You want to get the value that is contained in the first column of the first row of the result set returned by the

query.

What should you do?

A. Add the following code segment:
   var value = command.ExecuteReader(CommandBehavior.SingleRow);
   string requiredValue = value[1].ToString();
B. Add the following code segment:
   var value = command.ExecuteReader(CommandBehavior.SingleRow);
   string requiredValue = value[0].ToString();
C. Add the following code segment:
   var value = command.ExecuteNonQuery();
   string requiredValue = value.ToString();
D. Add the following code segment:
   var value = command.ExecuteScalar();
   string requiredValue = value.ToString();

Answer: D

QUESTION 6
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. Your application contains the following code.

```
01 DataTable dt = new DataTable();
02 dt.Columns.Add("number");
03 dt.Columns.Add("string");
04 dt.Rows.Add(1, "3");
05 dt.Rows.Add(2, "2");
06 dt.Rows.Add(3, "1");
07 var result = from p in dt.AsEnumerable()
08
09 foreach (var number in result) {
10     Console.Write(number.ToString());
11 }
```

You need to display the string "321". What should you do?

A. Add the following code segment at line 08:
   orderby p["number"] select p["string"];
B. Add the following code segment at line 08:
   orderby p["string"] descending select p["number"];
C. Add the following code segment at line 08:
   orderby p["number"] descending select p["string"];
D. Add the following code segment at line 08:
   orderby p["string"] ascending select p["string"];

Answer: A

QUESTION 7
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The following contacts.xml file is read by the developed application.

```
<contacts>
<contact contactId="2">
<firstName>Mia</firstName>
<lastName>Hamm</lastName>
</contact>
<contact contactId="3">
<firstName>Andy</firstName>
<lastName>Reid</lastName>
</contact>
<contact contactId="4">
<firstName>Amy</firstName>
<lastName>Walsh</lastName>
</contact>
</contacts>
```

Your application contains the following code. (Line numbers are for reference only.)

```
01 XDocument loaded = XDocument.Load(@"D:\contacts.xml");
02
03 foreach (string name in q)
04 Console.WriteLine("{0}", name);
```

You want to make sure that the application outputs only the names Andy Reid and Amy Walsh. What should you do?

A. Add the following code segment at line 02:
   var q = from c in loaded.Descendants("contact").Skip(1) select (string)c.Element("firstName") + " " + (string) c.Element("lastName");
B. Add the following code segment at line 02:
   var q = from c in loaded.Descendants("contact") where (int)c.Attribute("contactId") < 4 select (string)c. Element("firstName") + " " + (string)c.Element("lastName");
C. Add the following code segment at line 02:
   var q = from c in loaded.Descendants("contact").Skip(0) select (string)c.Element("firstName") + " " + (string) c.Element("lastName");
D. Add the following code segment at line 02:
   var q = from c in loaded.Descendants("contact") where c.IsAfter(c.FirstNode) select (string)c.Element ("firstName") + " " + (string)c.Element("lastName");

Answer: A

QUESTION 8
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The application fills a DataSet object named cust with customer records. Your application contains the following code. (Line numbers are for reference only.)

```
01 System.IO.StreamWriter sw =
02 new System.IO.StreamWriter("Customers.xml"); 04 sw.Close();
```

You want to write the content of the cust object to the Customers.xml file as XML data along with inline XML schema. What should you do?

A. Add the following code segment at line 03:
   cust.WriteXml(sw);
B. Add the following code segment at line 03:
   sw.Write(cust.GetXmlSchema());

C. Add the following code segment at line 03:
cust.WriteXml(sw, XmlWriteMode.WriteSchema);

D. Add the following code segment at line 03:
sw.Write(cust.GetXml());

Answer: C

QUESTION 9
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application that will connect to the Microsoft SQL Server 2005 database. The application uses an XML file that contains product data. Furthermore, a corresponding XSD file contains the schema of the XML file. You want the application to do the following: Loads the XML file in a typed DataSet and validates it against the schema provided in the XSD file.

What should you do?

A. Use the xsd.exe tool along with the /loadxml parameter to create a typed DataSet object that has the data from the XML file.

B. Load the XML file in an XmlDocument object and validate method to validate the XML file against the schema.
Iterate through the XML nodes of the XmlDocument object to create a new typed DataRow for each node.

C. Use the xsd.exe tool along with the /dataset parameter to generate a typed DataSet object and use the DataSet.ReadXml method to load the typed DataSet object.

D. Add the XSD file to the schema collections of the XmlReader object and load the XML file in the XmlReader object.
Iterate through the XML nodes of the XMLReader object to create a new typed DataRow for each node.

Answer: C

QUESTION 10
You work as an application developer at Contoso.com. You use Microsoft .NET Framework 3.5 and Microsoft ADO.NET to develop an application. The user name and password that is kept by the connection string is stored directly in the code of the application. You want to make sure that the password in the connection string is as protected.

What should you do?

A. Add the connection string to the Settings.settings file.

B. Add connection string to the Web.config file and use protected configuration.

C. Use the TRUE setting in the Persist Security Info keyword.

D. Use the FALSE setting in the Persist Security Info keyword

Answer: B