

Accessing Data with Microsoft .NET Framework 4 [TS: 70-516]

Chapter 02: ADO.NET Connected Classes

18 March 2019

Q1. What are provider classes in ADO.NET.NET?

- A. The classes provides data directly to applications
- B. The classes hold the data in memory extracting from a data source
- C. The classes responsible for the movement of data between the disconnected data classes in the client application and the data store
- D. The middle tier objects that represent business data

Answer: C

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Q2. Which provider the Microsoft .NET Framework does not contain?

- A. SQL Server
- B. MySql
- C. Odbc
- D. OleDb

Answer: B

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MySql is not built-in .net framework but you can easily download it from [MySql site](#)

Q3. Which provider you should use to access SQL Server 6.5 and earlier?

- A. SQL Server
- B. Odbc
- C. OleDb
- D. None of the above

Answer: C

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Q4. Which provider you should use to access a data source for which no newer provider is available?

- A. SQL Server
- B. Odbc
- C. OleDb
- D. None of the above

Answer: C

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Q5. From which class all provider-specific connection class inherit?

- A. DbDataReader
- B. DbCommand
- C. DbConnection
- D. OdbcConnection

Answer: C
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Q6. What is required to create a connection to a data source?

- A. A valid command object
- B. A valid SQL command
- C. A valid connection string
- D. A DataSet

Answer: C
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Q7. Which one is best option to free up the resources being held by a open connection to a data source?

- A. Explicitly call the Close method on the connection
- B. Explicitly call the Dispose method on the connection
- C. Use the using block
- D. Use connection pooling

Answer: C
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Q8. Which keyword is used to refer to the physical path to a data source?

- A. Path
- B. Source
- C. Data source
- D. DBQ

Answer: D
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Q9. Which one is the valid connection string that instructs the Access driver to open the Northwind database file located in the C:\Program Files\myApp folder?

- A. Driver={Microsoft Access Driver (*.mdb)};Database=C:\\program files\\myApp\\Northwind.mdb
- B. Driver={Microsoft Access Driver (*.mdb)};DBQ=C:\\program files\\myApp\\Northwind.mdb
- C. Driver={Microsoft Access Driver (*.mdb)};FILE=C:\\program files\\myApp\\Northwind.mdb
- D. Driver={Microsoft Access Driver (*.mdb)};DB=C:\\program files\\myApp\\Northwind.mdb

Answer: B
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Q10. What does the keyword Data Source indicate in OLEDB connection string?

- A. The name or IP address of the database server
- B. The name of the database or physical location of the database file
- C. The physical location of a file that contains the real connection string
- D. A data source name

Answer: B
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Q11. What happens when Persist Security Info property is set to false?

- A. Connection will use windows integrated security

-
- B. Retrieving the connection string returns the complete connection string that was originally provided.
 - C. Retrieving the connection string returns the connection string will contain the information that was originally provided, minus the security information.
 - D. Retrieving the connection string returns the connection string in encrypted form

Answer: C

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Q12. Which one the valid OLEDB connection string that uses the Jet driver and opens the demo database file?

- A. Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\Program Files\myApp\demo.mdb;Persist Security Info=False
- B. Provider=Microsoft.Jet.OLEDB.4.0;Database=C:\Program Files\myApp\demo.mdb;Persist Security Info=False
- C. Provider=Microsoft.Jet.OLEDB.4.0;Data File=C:\Program Files\myApp\demo.mdb;Persist Security Info=False
- D. Provider=Microsoft.Jet.OLEDB.4.0;Data=C:\Program Files\myApp\demo.mdb;Persist Security Info=False

Answer: A

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Q13. Which keyword is used in SQL Server connection string to point to the full or relative path and name of a file containing the database to which to be attached?

- A. Data source
- B. Attach
- C. AttachDbFilename
- D. File

Answer: C

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Q14. Which keyword is used with AttachDbFilename property in SQL Server connection string to point to the application's data directory?

- A. |BaseDirectory|
- B. |DataDirectory|
- C. |App_Data|
- D. Initial Catalog

Answer: B

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Q15. Which keyword is used in SQL Server connection string to indicate to connect to SQL Server by using a secure connection when authentication is through the user's windows account?

- A. Integrated Security
- B. Persist Security Info
- C. Encrypt
- D. User

Answer: A

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Q16. Which value cannot be set to Trusted_Connection property in SQL Server connection string?

-
- A. True
 - B. False
 - C. Sspi
 - D. Encrypt

Answer: D

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Q17. What is the default value for the Max Pool Size in SQL Server connection string?

- A. 0
- B. 1
- C. 10
- D. 100

Answer: D

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Q18. What change should you make in SQL Server connection string for enabling the retrieval of multiple forward-only, read-only result sets on the same connection?

- A. Add MultipleActiveResultSets=true
- B. Add ContextConnection=true
- C. Add User Instance=true
- D. Add Enlist=true

Answer: A

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Q19. Which connection string starts an instance of SQL Express and attach a local database file to the instance?

- A. Data Source=.\SQLEXPRESS; Initial catalog=C:\Northwind.MDF;Integrated Security=True; User Instance=True;
- B. Data Source=.\SQLEXPRESS; AttachDbFilename=C:\Northwind.MDF;Integrated Security=True;
- C. Data Source=.\SQLEXPRESS; AttachDbFilename=C:\Northwind.MDF;Integrated Security=True; User Instance=True;
- D. Data Source=.\SQLEXPRESS; Database=C:\Northwind.MDF;Integrated Security=True; User Instance=True;

Answer: C

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Q20. Which connection string starts an instance of SQL Express and attach a local database file from the application's data directory to the instance?

- A. Data Source=.\SQLEXPRESS; Initial catalog=|BaseDirectory|\Northwind.MDF;Integrated Security=True; User Instance=True;
- B. Data Source=.\SQLEXPRESS; AttachDbFilename=|App_Data|\Northwind.MDF;Integrated Security=True; User Instance=True;
- C. Data Source=.\SQLEXPRESS; AttachDbFilename=|DataDirectory|\Northwind.MDF;Integrated Security=True; User Instance=True;
- D. Data Source=.\SQLEXPRESS; Database=|AppDomain|\Northwind.MDF;Integrated Security=True; User Instance=True;

Answer: B

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Q21. How can make sure that the connection strings can be changed without requiring a recompile of the application?

- A. Store `ConnectionString` properties in the machine, application, or Web configuration file
- B. Store `ConnectionString` properties in a static global variable in your code file
- C. Store `ConnectionString` properties in a file and read the string at the start up of your application
- D. Store `ConnectionString` properties in a database

Answer: A

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Q22. Which class do you use to retrieve a connection string from the `connectionStrings` section in the application's configuration class?

- A. `DbConnection`
- B. `Configuration`
- C. `ConfigurationManager`
- D. `Provider Factory`

Answer: C

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Q23. To access the connection string from application configuration file, the _____ namespace should be included?

- A. `System.Configuration`
- B. `System.Web`
- C. `System.Data.Configuration`
- D. `Configuration`

Answer: A

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Q24. A connection string stored in configuration file as below

```
<connectionStrings>
    <add name="nw" connectionString="Data Source=.\SQLEXPRESS;      Initial catalog
    =Northwind;      Integrated Security=True;" />
</connectionStrings>
```

Which code segment retrieves the connection string correctly?

- A. `Configuration.Section ("connectionStrings")["nw"];`
- B. `ConfigurationManager.ConnectionStrings["nw"];`
- C. `ConfigurationManager.AppSettings["nw"];`
- D. `ConfigurationManager.ConnectionStrings.get("nw");`

Answer: B

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Q25. Which is required to do to enable encrypted communications between the client and SQL Server?

- A. https protocol must be enabled for the SQL Server
- B. tcp protocol must be enabled for the SQL Server
- C. a digital certificate must be installed at SQL Server
- D. a digital certificate must be installed at the client

Answer: C

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Q26. Which one do you use to encrypt the connectionStrings section in the Web.config file in an ASP.NET Web application?

- A. csc.exe utility
- B. sqlcmd.exe utility
- C. aspnet_regsql.exe utility
- D. aspnet_regiis.exe utility

Answer: D

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Q27. Which command encrypts the connectionStrings section in Web.config file of an ASP.NET website?

- A. aspnet_regiis -p "connectionStrings" "C:\EncryptWebSite"
- B. aspnet_regiis -pef "connectionStrings" "C:\EncryptWebSite"
- C. aspnet_regiis -pf "connectionStrings" "C:\EncryptWebSite"
- D. aspnet_regiis -pdf "connectionStrings" "C:\EncryptWebSite"

Answer: B

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Q28. Which feature reuses existing active connections with the same connection string instead of creating new connections when a request is made to the database?

- A. Failover Partner
- B. Integrated Security
- C. Connection pooling
- D. Connection string encryption

Answer: C

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Q29. Which namespace do you import to SQL Server specific provider classes?

- A. System.Data
- B. System.Data.Sql
- C. System.Data.SqlClient
- D. System.Data.OleDb

Answer: C

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Q30. What should you do to provide faster availability and better reuse connections?

- A. Store ConnectionString in the application's configuration file
- B. Use Trusted_Connection connection
- C. Use connection pooling
- D. Encrypt connection strings stored in the application's configuration file

Answer: C

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Q31. What do you need to execute commands to the database?

- A. You must have an open connection and a command object
- B. You must have an open connection and a DataAdapter object
- C. You must have an open connection and a Data Table object

D. You must have an open connection and a DataReader object

Answer: A

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Q32. Which object do you use to send a Structured Query Language (SQL) command to the data store?

- A. DbConnection object
- B. DbCommand object
- C. DbDataReader object
- D. DataSet object

Answer: B

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Q33. Which statement is true about DbCommand objects?

- A. DbCommand objects can be used to execute Data Manipulation Language (DML) commands but not Data Definition Language (DDL) commands
- B. DbCommand objects can be used to execute Data Definition Language (DDL) commands but not Data Manipulation Language (DML) commands
- C. DbCommand objects can be used to execute both Data Manipulation Language (DML) commands and Data Definition Language (DDL) commands
- D. None of the above

Answer: C

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Q34. The DbCommand object requires _____ to issue the command to the data store. Find the appropriate item to fill the blank space?

- A. a valid open connection
- B. a valid connection string
- C. a DbDataAdapter object
- D. a DbParameter object

Answer: A

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Q35. Which one is **not** a way to provide a DbConnection object to a DbCommand instance?

- A. Pass a DbConnection object into the DbCommand object's constructor
- B. Create a DbDataAdapter object and call the Fill method on the DbDataAdapter object passing the DbCommand object as argument
- C. Attach a DbConnection object to the DbCommand object's Connection property after DbCommand is created
- D. Use the CreateCommand method on the DbConnection object to create a DbCommand object, a the DbConnection is set to the DbCommand object's Connection property automatically

Answer: B

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Q36. Which property of the DbCommand object is used to specify the SQL statement which is to execute?

- A. Command
- B. CommandText

-
- C. CommandType
 - D. Query

Answer: B

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Q37. How do you indicate that the SQL command to be executed by the DbCommand objects is a stored procedure?

- A. Set CommandText property to procedure
- B. Set CommandType property to CommandType enum value StoredProcedure
- C. Set CommandType to Table
- D. Nothing to do extra

Answer: B

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Q38. You to execute a SQL query in SQL Server database. Your code is like below

1. var nw = ConfigurationManager.ConnectionStrings["nw"];
2. var con = new SqlConnection(nw.ConnectionString);
3. var cmd = connection.CreateCommand();
4. cmd.CommandText = "select ID, FirstName from employees";
- 5.
6. var dr = cmd.ExecuteReader ();
7. con.Close();

Which code should you add line 5?

- A. cmd.Connection = con;
- B. cmd.CommandType = CommandType.Text;
- C. con.Open();
- D. var cb = new SqlCommandBuilder (cmd) ;

Answer: C

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Command object needs open connection]

Q39. You to execute a stored procedure "AllEmployees" in SQL Server database. Your code is like below

1. var nw = ConfigurationManager.ConnectionStrings["nw"];
2. var con = new SqlConnection(nw.ConnectionString);
3. var cmd = connection.CreateCommand();
- 4.
- 5.
6. con.Open () ;
7. var dr = cmd.ExecuteReader ();
8. con.Close();

What code should you write at line 4 and 5?

- A. cmd.CommandText = "AllEmployees";
var cb = new SqlCommandBuilder (cmd);
- B. cmd.CommandText = "AllEmployees";
cmd.CommandType = CommandType.StoredProcedure;
- C. cmd.CommandText = "AllEmployees";
cmd.Connection = con;
- D. cmd.CommandText = "AllEmployees";

```
cmd.CommandType = CommandType.Table;
```

Answer: B

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Q40. Which object do you use to pass value to command object for using in the SQL command that is to be executed?

- A. CommandBuilder
- B. DbParameter
- C. DbDataAdapter
- D. DbConnection

Answer: B

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Q41. How do you pass a parameter to DbCommand object?

- A. By using the Connection.Parameters.Add method on the Command object
- B. By using the Parameters.Add method on the Command object
- C. By using the Values.Add method on the Command object
- D. By using the Add method on the Command object

Answer: B

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You want to execute a stored procedure using SqlCommand object. You have code like below.

1. var nw = ConfigurationManager.ConnectionStrings["nw"].ConnectionString;
2. var connection = new SqlConnection();
3. connection.ConnectionString = nw;
4. var cmd = connection.CreateCommand();
5. cmd.CommandType = CommandType.StoredProcedure;
6. cmd.CommandText = "CustOrders";
7. SqlParameter p1 = cmd.CreateParameter();
8. p1.ParameterName = "@Id";
9. p1.Value = "ANATR";
10. cmd.Parameters.Add(p1);
- 11.

Q42 and Q43 are based on the above code.

Q42. The store procedure also has output parameter @LastOrderDate of type DateTime. Which should you use to define the parameter?

- A. SqlParameter p2 = cmd.CreateParameter();
p2.DbType = DbType.DateTime;
cmd.Parameters.Add(p2);
- B. SqlParameter p2 = cmd.CreateParameter();
p2.DbType = DbType.DateTime;
p2.ParameterName = "@LastOrderDate";
cmd.Parameters.Add(p2);
- C. SqlParameter p2 = cmd.CreateParameter();
p2.DbType = DbType.DateTime;
p2.ParameterName = "@LastOrderDate";
p2.Direction = ParameterDirection.Output;
cmd.Parameters.Add(p2);

```
D. SqlParameter p2 = cmd.CreateParameter();  
   p2.DbType = DbType.DateTime;  
   p2.Direction = ParameterDirection.Output;  
   cmd.Parameters.Add(p2);
```

Answer: C

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Q43. Which code correctly retrieves the output parameter value?

- A.

```
connection.Open();  
cmd.ExecuteNonQuery();  
DateTime d = p2.Value;  
connection.Close();
```
- B.

```
connection.Open();  
DateTime d = p2.Value;  
connection.Close();
```
- C.

```
cmd.ExecuteNonQuery();  
DateTime d = (DateTime)p2.Value;
```
- D.

```
connection.Open();  
cmd.ExecuteNonQuery();  
DateTime d = (DateTime)p2.Value;  
connection.Close();
```

Answer: D

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Q44. You use the _____ method of DbCommand object when you don't expect a command to return any rows.

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: A

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Q45. Which method of the DbCommand object is used to Insert, Update or Delete?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: A

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Q46. What does the ExecuteNonQuery method of the DbCommand object return?

- A. Returns a Boolean value where true indicates successful execution of the command and false indicates failure
- B. Returns an integer that represents the number of rows affected by the operation
- C. Returns a positive integer where 0 indicates success and any other value is the error number
- D. Returns nothing as it executes action query

Answer: B

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Q49. What does the ExecuteReader method returns a DbCommand object return?

- A. DataSet
- B. DataTable
- C. DataRow
- D. DbDataReader

Answer: D

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Q50. Which one read-only, forward-only recordset?

- A. DataTable
- B. DataSet
- C. DataReader
- D. DataRow

Answer: C

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Q51. Which method of a DbCommand object returns resultset?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: B

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Q52. Which method of a DataReader object returns a single value from a database query?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: C

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Q53. You use method of DbCommand object for database query that returns a single row with a single column?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: C

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Q54. You want to get the number products in Products table in a certain database. You code like below

1. var nw = ConfigurationManager.ConnectionStrings["nw"];
2. var connection = new SqlConnection();
3. connection.ConnectionString = nw.ConnectionString;
4. var cmd = connection.CreateCommand();
5. cmd.CommandType = CommandType.Text;

```
6. cmd.CommandText = "SELECT COUNT(*) FROM Products";
7. connection.Open();
8.
9. connection.Close();
```

Which statement should be at line 8?

- A. `int count = (int)cmd.ExecuteReader();`
- B. `int count = (int)cmd.ExecuteScalar();`
- C. `int count = (int)cmd.ExecuteReader().Read();`
- D. `int count = (int)cmd.ExecuteNonQuery();`

Answer: B

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Q55. Which object provides delivers a forward-only, read-only, server-side cursor?

- A. `DataTable`
- B. `DataSet`
- C. `DbDataReader`
- D. `DbDataAdapter`

Answer: C

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Q56. Which object an ideal choice for populating `ListBox` objects and `DropDownList` objects?

- A. `DataTable`
- B. `DataSet`
- C. `DbDataReader`
- D. `DbDataAdapter`

Answer: C

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Q57. Which value of the `LoadOption` enum overwrites the original `DataRowVersion` object but does not modify the current `DataRowVersion` object?

- A. `OverwriteChanges`
- B. `PreserveChanges`
- C. `Upsert`
- D. `None`

Answer: B

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Q58. Which value of the `LoadOption` enum overwrites the current `DataRowVersion` object but does not modify the original `DataRowVersion` object?

- A. `OverwriteChanges`
- B. `PreserveChanges`
- C. `Upsert`
- D. `None`

Answer: C

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Q59. What should you do to execute another command while the one command is still executing?

- A. By enabling connection pooling in connection
- B. By setting the `MultipleActiveResultSets` connection string option to true

-
- C. By setting the Trusted_Connection connection string option to true
 - D. By setting the Integrated Security connection string option to true

Answer: B

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Q60. Which class provides a high-performance method for copying data to a table in a SQL Server database?

- A. SqlDataAdapter
- B. SqlDataReader
- C. SqlBulkCopy
- D. SqlCommandBuilder

Answer: C

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Q61. Which one do you use to retrieve and update data between a data table and a data store?

- A. DbCommand
- B. DbConnection
- C. DbDataAdapter
- D. DbDataReader

Answer: C

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Q62. Which one is a bridge between DataSet and Database?

- A. DataAdapter
- B. DataConnection
- C. DataCommand
- D. DataReader

Answer: A

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Q63. Which method of the DataAdapter instance is used to populate DataTable or DataSet?

- A. Fetch
- B. Sync
- C. Fill
- D. Populate

Answer: C

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Q64. Which object can you use to populate the DbDataAdapter object's all other commands based on its SelectCommand?

- A. ProviderFactory
- B. CommandBuilder
- C. DataSet
- D. DbDataReader

Answer: B

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Q65. Which one the following is suitable for you to create provider-independent code, which can work with different data store?

-
- A. DbProviderFactory
 - B. DbConnection and DbCommand
 - C. IDbConnection and IDbCommand
 - D. DataSet and DataTable

Answer: A

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Q66. Which type of transaction must you perform if you need a transaction to include work on multiple connections?

- A. Explicit transaction
- B. Promotable transaction
- C. Distributed transaction
- D. Local lightweight transaction

Answer: C

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Q67. Which class do you use to start an explicit transaction to work with SQL Server databases?

- A. SqlCommand
- B. SqlConnection
- C. SqlParameter
- D. SqlException

Answer: B

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Q68. If you want to create explicit transaction in your application using ADO.NET classes, how do you do that?

- A. By calling BeginTransaction on DbConnection object
- B. By calling BeginTransaction on DbCommand object
- C. By calling BeginTransaction on DbAdapter object
- D. By calling BeginTransaction on DbDataReader object

Answer: A

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Q69. What does the BeginTransaction method of the DbConnection object return?

- A. System.Transactions.Transaction
- B. System.Transactions.TransactionScope
- C. System.Data.Common.DbTransaction
- D. System.Data. DbTransaction

Answer: C

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Q70. After creating an explicit transaction, what must you do before executing SQL commands to database using the SqlCommand object?

- A. You must you must set the isolation level to the transaction object
- B. You must create a TransactionScope
- C. You must set the connection's transaction to the SqlCommand object's Transaction property
- D. You must enable MultipleActiveResultSets (MARS)

Answer: C

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Look at code segments below. Q71 and Q72 are based on the code.

```
1. using (SqlConnection cn = new SqlConnection(...))
2. {
3.     cn.Open();
4.     using (SqlTransaction tran = cn.BeginTransaction())
5.     {
6.         try
7.         {           //work code here
8.             using (SqlCommand cmd = cn.CreateCommand())
9.             {
10.                //work cide
11.                cmd.Transaction = tran;
12.                cmd.ExecuteNonQuery();
13.            }
14.        }
15.    }
16.    catch (Exception xcp)
17.    {
18.
19.        //cleanup code
20.    }
21. }
```

Q71. Which statement should be at line 14?

- A. tran.Commit();
- B. tran.Rollback();
- C. tran.Close();
- D. tran.Complete();

Answer: A

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Q72. Which statement should be at line 18?

- A. tran.Commit();
- B. tran.Rollback();
- C. tran.Close();
- D. tran.Complete();

Answer: B

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Q73. You are creating explicit transaction using TransactionScope class. Which method on TransactionScope object to commit the transaction?

- A. Commit
- B. Complete
- C. Execute
- D. Done

Answer: B

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Q74. To use TransactionScope class you must import _____namespace?

- A. System.Data
- B. System.Data.Transactions
- C. System.Data.SqlClient
- D. System.Transactions

Answer: D

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In System.Transactions.dll assembly]

Q75. Which of the following is NOT true about TransactionScope class?

- A. With TransactionScope, you need not to create the transaction for the work
- B. With TransactionScope, you need not to explicitly issue a commit or rollback
- C. With TransactionScope, If an exception is thrown within the TransactionScope object's context block the transaction aborts, and all work is rolled back
- D. There is no method in TransactionScope to signal that you are done and you want to commit

Answer: D

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There is *Complete* method to commit the transaction]

Q76. You are working with TransactionScope. You want to start a new transaction, even if there is an ongoing Transaction.

Which TransactionScopeOption should you use?

- A. TransactionScopeOption.Required
- B. TransactionScopeOption.RequiresNew
- C. TransactionScopeOption.Suppress
- D. None

Answer: B

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Q77. Which TransactionScopeOption enumeration parameter provides a way to do nontransactional work while there is an ongoing transaction?

- A. TransactionScopeOption.Required
- B. TransactionScopeOption.RequiresNew
- C. TransactionScopeOption.Suppress
- D. None

Answer: C

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//////////////////////////////////Up To here//////////////////////////////////

Q1. Which one can be thought of an in-memory snap-shot of a physical database?

- A. DataTable
- B. DataReader
- C. DataSet
- D. DataAdapter

Answer: C

Q5. Which method of a DataReader object returns resultset?

- A. ExecuteNonQuery

-
- B. ExecuteReader
 - C. ExecuteScalar
 - D. Execute

Answer: B

Q8. Which property of DbConnection is used to check whether connection is open?

- A. IsOpen
- B. Connected
- C. State
- D. ConnectionState

Answer: C

Q9. To use DataSet, _____ namespace should be included?

- A. System
- B. System.Data
- C. System.Sql
- D. System.Data.SqlClient

Answer: B

Q10. It is not required to open the connection if you are using DataAdapter?

- A. True
- B. False

Answer: A

Q11. To access the connection string from application configuration file, the _____ namespace should be included?

- A. System.Configuration
- B. System.Web
- C. System.Data.Configuration
- D. Configuration

Answer: A

Q12. Which one is used to execute a command in database?

- A. DbConnection
- B. DbAdapter
- C. DbCommand
- D. DbDataReader

Answer: C

Q8. Which provider should you use to access SQL Server 6.5 and earlier?

- A. OleDb
- B. Odbc
- C. SqlClient
- D. MySql

Answer: A

Q1. If you want to create explicit transaction in your application using ADO.NET classes, how do you do that?

- E. By calling BeginTransaction on DbConnection object
- F. By calling BeginTransaction on DbCommand object
- G. By calling BeginTransaction on DbAdapter object
- H. By calling BeginTransaction on DbDataReader object

Answer: A

Q7. Which one do you use to retrieve and update data between a data table and a data store?

- A. DbCommand
- B. DbConnection
- C. DbDataAdapter
- D. DbDataReader

Answer: C

Q8. Which one allows read-only and forward-only access to database data?

- A. DbCommand
- B. DbConnection
- C. DbDataAdapter
- D. DbDataReader

Answer: D

Q14. When working with Web applications, you can encrypt the connection strings stored in the Web.config file by using the _____ tool.

- A. aspnet_regiis.exe
- B. aspnet_regsql.exe
- C. pref.exe
- D. cert.exe

Answer: A

Q15. Which class do you use to retrieve connection string stored in ConnectionStrings section in configuration file?

- A. Configuration
- B. ConfigurationSection
- C. ConfigurationManager
- D. ResourceManager

Answer: C

Q42. Which method of the DataAdapter instance is used to populate DataTable or DataSet?

- A. Fetch
- B. Sync
- C. Fill
- D. Populate

Answer: C

Q45. Which method of the DataReader is used to Insert, Update or Delete?

- A. ExecuteNonQuery
- B. ExecuteReader
- C. ExecuteScalar
- D. Execute

Answer: A

Q46. Which property of DbConnection is used to check whether connection is open?

- A. IsOpen
- B. Connected
- C. State
- D. ConnectionState

Answer: C

Q47. To use DataSet, _____ namespace should be included?

- A. System
- B. System.Data
- C. System.Sql
- D. System.Data.SqlClient

Answer: B

Q48. It is not required to open the connection if you are using DataAdapter?

- A. True
- B. False

Answer: A

Q50. Which one is used to execute a command in database?

- A. DbConnection
- B. DbAdapter
- C. DbCommand
- D. DbDataReader

Answer: C