

<http://msdn.microsoft.com/en-us/library/system.diagnostics.stopwatch.aspx> QUESTION 36 You are tasked with performing a code review. The business rule is the following:- If INSERTs into the first table succeed, then INSERT into the second table. - However, if the INSERTs into the second table fail, roll back the inserts in the second table but do not roll back the inserts in the first table. - Although this can also be done by way of regular transactions, It needs to be performed using TransactionScope objects. Which code would fit this business rule? A. try{using (TransactionScope scope1 = new TransactionScope(TransactionScopeOption){Try{.....using (TransactionScope scope2 = new TransactionScope(TransactionScopeOption)){ } } } }B. try{using (TransactionScope scope1 = new TransactionScope(TransactionScopeOption.Required)){ ...using (TransactionScope scope2 = new TransactionScope(TransactionScopeOption.RequiresNew)){ }.....} }C. try{using (TransactionScope scope1 = new TransactionScope(TransactionScopeOption.Required)){ ...}using (TransactionScope scope2 = new TransactionScope(TransactionScopeOption.RequiresNew)){} }D. try{using (TransactionScope scope1 = new TransactionScope(TransactionScopeOption.Required)){Try{.....using (TransactionScope scope2 = new TransactionScope(TransactionScopeOption.RequiresNew)){ } } } } Answer: D Explanation: Required A transaction is required by the scope. It uses an ambient transaction if one already exists. Otherwise, it creates a new transaction before entering the scope. This is the default value. RequiresNew A new transaction is always created for the scope. Suppress The ambient transaction context is suppressed when creating the scope. All operations within the scope are done without an ambient transaction context. Transaction Scope (EXAMPLE 3) (<http://msdn.microsoft.com/en-us/library/bb896149%28SQL.100%29.aspx>) TransactionScopeOption Enumeration (<http://msdn.microsoft.com/en-us/library/system.transactions.transactionscopeoption.aspx>) QUESTION 37 Which method will return all nodes of an XDocument? A. doc.DescendantNodes(); B. doc.Descendants(); C. doc.Root.Allnodes(); D. doc.GetAllnodes(); Answer: A Explanation: public IEnumerable<XNode> DescendantNodes() Returns a collection of the descendant nodes for this document or element, in document order. public IEnumerable<XElement> Descendants() Returns a collection of the descendant elements for this document or element, in document order. QUESTION 38 Which one of these samples is the correct way to close the connection using Command Behavior? A. SqlDataReader rdr = new SqlDataReader(); string sql = @"sql statement"; SqlConnection conn = connection.GetConnection(); SqlCommand cmd = new SqlCommand(sql, conn); SqlDataReader rdr = cmd.ExecuteReader(CommandBehavior.CloseConnection); Console.WriteLine("{0}", rdr); B. SqlDataReader rdr = new SqlDataReader(); string sql = @"sql statement"; SqlConnection conn = connection.GetConnection(); SqlCommand cmd = new SqlCommand(sql, conn); SqlDataReader rdr = cmd.ExecuteReader(CommandBehavior.CloseConnection); rdr.Close(); Console.WriteLine("{0}", rdr); C. SqlDataReader rdr = new SqlDataReader(); string sql = @"sql statement"; SqlConnection conn = connection.GetConnection(); SqlCommand cmd = new SqlCommand(sql, conn); SqlDataReader rdr = cmd.ExecuteReader(CommandBehavior.CloseConnection); conn.Close(); Console.WriteLine("{0}", rdr); D. using (SqlDataReader rdr = new SqlDataReader()){ string sql = @"sql statement"; SqlConnection conn = connection.GetConnection(); SqlCommand cmd = new SqlCommand(sql, conn); SqlDataReader rdr = cmd.ExecuteReader(CommandBehavior.CloseConnection); Console.WriteLine("{0}", rdr); } Answer: B Explanation: An alternative to explicitly closing the Connection is to pass CommandBehavior.CloseConnection to the ExecuteReader method to ensure that the associated connection is closed when the DataReader is closed. This is especially useful if you are returning a DataReader from a method and do not have control over the closing of the DataReader or associated connection. When you close the data reader and you use CommandBehavior.CloseConnection-the SQL connection also closes <http://msdn.microsoft.com/en-us/library/ms971481.aspx> QUESTION 39 You use Microsoft Visual Studio 2010 and Microsoft .NET Framework 4.0 to create an application. The application connects to a Microsoft SQL Server 2008 database. The database includes a database table named ProductCatalog as shown in the exhibit: You add the following code segment to query the first row of the ProductCatalog table. (Line numbers are included for reference only.) 01 using(SqlConnection cnx = new SqlConnection(connString)) 02 { 03 var command = cnx.CreateCommand(); 04 command.CommandType = CommandType.Text; 05 command.CommandText = "SELECT TOP 1 * FROM dbo.ProductCatalog"; 06 cnx.Open(); 07 var reader = command.ExecuteReader(); 08 if (reader.Read()) 09 { 10 var id = reader.GetInt32(0); 11 ... 12 reader.Close(); 13 } 14 } Which answer belongs in line 11? A. var weight = reader.GetDouble(1); var price = reader.GetDecimal(2); var status = reader.GetBoolean(3); B. var weight = reader.GetFloat(1); var price = reader.GetDecimal(2); var status = reader.GetByte(3); C. var weight = reader.GetDouble(1); var price = reader.GetFloat(2); var status = reader.GetBoolean(3); D. var weight = reader.GetFloat(1); var price = reader.Double(2); var status = reader.GetByte(3); Answer: A QUESTION 40 You have been assigned the task of writing code that executes an Entity SQL query that returns entity type objects that contain a property of a complex type. (Line numbers are included for reference only.) 01 using (EntityCommand cmd = conn.CreateCommand()) 02 { 03 cmd.CommandText = esqlQuery; 04 EntityParameter param = new EntityParameter(); 05 param.ParameterName = "id"; 06 param.Value = 3; 07 cmd.Parameters.Add(param); 08 using (EntityDataReader rdr =

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cmd.ExecuteReader(CommandBehavior.SequentialAccess)) 09 { 10 while (rdr.Read()) 11 { 12 ...13 Console.WriteLine("Email and  
Phone Info:"); 14 for (int i = 0; i < nestedRecord.FieldCount; i++) 15 { 16 Console.WriteLine(" " + nestedRecord.GetName(i) + ": " +  
+ nestedRecord.GetValue(i)); 17 } 18 } 19 } 20 } Which code segment should you insert at line 12? A. DbDataRecord  
nestedRecord = rdr["EmailPhoneComplexProperty"] as DbDataRecord; B. DbDataRecord nestedRecord =  
rdr["EmailPhoneComplexProperty"] C. DataSet nestedRecord = rdr["EmailPhoneComplexProperty"] as ComplexDataSetD.  
ComplexDataRecord nestedRecord = rdr["EmailPhoneComplexProperty"] Answer: A Explanation: How to: Execute a Query that  
Returns Complex Types (http://msdn.microsoft.com/en-us/library/bb896329.aspx) using (EntityConnection conn = new  
EntityConnection(ConfigurationManager.ConnectionStrings ["StoreConnection"].ConnectionString)){ using (EntityCommand comm  
= conn.CreateCommand()) { // Here StoreConnection-ObjectContext name, Customers-correct DataSet name comm.CommandText  
= "Select Customers.CustomerID, Customers.Name, Customers.Address from StoreConnection.Customers where  
Customers.CustomerID=@qqqCustomerID"; EntityParameter param = new EntityParameter("qqqCustomerID", DbType.Int32);  
param.Value = 1; comm.Parameters.Add(param); conn.Open(); var reader =  
comm.ExecuteReader(CommandBehavior.SequentialAccess); while (reader.Read()) { DbDataRecord record = reader["Address"] as  
DbDataRecord; for (int i = 0; i < record.FieldCount; i++) { name.Text += "<br/>" + record.GetName(i) + " : " +  
record.GetValue(i).ToString(); } } reader.Close(); } } All 286 Microsoft 70-516 Exam Dumps Questions are the New Checked and  
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