

RE: System.Data.SqlClient "Timeout expired" causing ASP.net web applic

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-08/2735.html>

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Date: 08/13/04

Date: Thu, 12 Aug 2004 18:55:01 -0700

Chris,

Perhaps it is a setting in the machine.config file. Check under <system.web> ... <processModel.. There are many values here that can shutdown the aspnet_wp.

Also it is curious that your connection string sets pooling=false but sets values used for pooling. I do not know if this would have any effect.

"Chris Langston" wrote:

- > *I have a Web Server running IIS 5 or 6 on Windows 2K and Windows 2003 Server*
- > *that is experiencing strange shutdown problems. We are using ASP.NET v1.1*
- > *and our application is written in VB.NET*
- >
- > *Here's the scenario:*
- >
- > *1. .NET Windows Client on a remote machine makes a web service call to*
- > *update tables on a Web Server running SQL Server 2000.*
- > *2. The Update is updating about 1000 - 3000 records doing simple update*
- > *statements like "Update transactions Set UpdateTime = '08/12/2003 04:30:00*
- > *PM' "*
- > *3. The SqlConnection code is receiving the error message below:*
- >
- > *Timeout expired. The timeout period elapsed prior to completion of the*
- > *operation or the server is not responding.*
- > *The statement has been terminated. at*
- > *System.Data.SqlClient.SqlConnection.OnError(SqlException exception,*
- > *TdsParserState state)*
- > *at System.Data.SqlClient.SqlInternalConnection.OnError(SqlException*
- > *exception, TdsParserState state)*
- > *at*
- > *System.Data.SqlClient.TdsParser.ThrowExceptionAndWarning(TdsParserStateObjec*
- > *t stateObj)*
- > *at System.Data.SqlClient.TdsParser.Run(RunBehavior runBehavior,*
- > *SqlCommand cmdHandler, SqlDataReader dataStream, BulkCopySimpleResultSet*

```
> bulkCopyHandler, TdsParserStateObject stateObj)
> at System.Data.SqlClient.SqlCommand.InternalExecuteNonQuery(DbAsyncResult
> result)
> at System.Data.SqlClient.SqlCommand.ExecuteNonQuery()
> at
> HorizonBoss.Framework.DataAccess.HZSqlFactory.ExecuteNonQuery(HZRequest
> request) in
> C:\projects\dotnet\Fish.NET\HorizonBoss\Framework\DataAccess\HZSqlFactory.vb
> :line 359
> 2004-08-12 16:36:13.70 [Thread 9] {Error}
> HorizonBoss.MealPayLive.BusinessObjects.Patrons.Patron.UpdateLatestBalanceIn
> formation( DataSet currentBalances ): Timeout expired. The timeout period
> elapsed prior to completion of the operation or the server is not
> responding.
> The statement has been terminated.
>
> 4. I have all my code wrapped in Try/Catch blocks so I see where I catch the
> Exception and write this out to a log file.
> 5. I have code in the Application_End section of the Global.asax and I see
> where a different Thread ID comes along and ends my running application.
>
> 2004-08-12 16:35:33.70 [Thread 9] {Verbose}
> HorizonBoss.MealPayLive.BusinessObjects.Patrons.Patron.UpdateLatestBalanceIn
> formation( DataSet currentBalances ): SQL to execute: UPDATE
> mplPatronBalanceUpdate SET DateBalanceLastUpdated = '8/12/2004 4:35:33 PM'
> WHERE PatronID = '0857'
> 2004-08-12 16:36:13.70 [Thread 9] {Error}
> HorizonBoss.Framework.DataAccess.HZSqlFactory.ExecuteNonQuery( HZRequest
> request ): Timeout expired. The timeout period elapsed prior to completion
> of the operation or the server is not responding.
> The statement has been terminated. at
> System.Data.SqlClient.SqlConnection.OnError(SqlException exception,
> TdsParserState state)
> at System.Data.SqlClient.SqlInternalConnection.OnError(SqlException
> exception, TdsParserState state)
> at
> System.Data.SqlClient.TdsParser.ThrowExceptionAndWarning(TdsParserStateObjec
> t stateObj)
> at System.Data.SqlClient.TdsParser.Run(RunBehavior runBehavior,
> SqlCommand cmdHandler, SqlDataReader dataStream, BulkCopySimpleResultSet
> bulkCopyHandler, TdsParserStateObject stateObj)
> at System.Data.SqlClient.SqlCommand.InternalExecuteNonQuery(DbAsyncResult
> result)
> at System.Data.SqlClient.SqlCommand.ExecuteNonQuery()
> at
> HorizonBoss.Framework.DataAccess.HZSqlFactory.ExecuteNonQuery(HZRequest
> request) in
> C:\projects\dotnet\Fish.NET\HorizonBoss\Framework\DataAccess\HZSqlFactory.vb
> :line 359
> 2004-08-12 16:36:13.70 [Thread 9] {Error}
> HorizonBoss.MealPayLive.BusinessObjects.Patrons.Patron.UpdateLatestBalanceIn
```

> formation(DataSet currentBalances): Timeout expired. The timeout period
> elapsed prior to completion of the operation or the server is not
> responding.
> The statement has been terminated.
> 2004-08-12 16:36:14.09 [Thread 9] {Verbose}
> HorizonBoss.MealPayLive.BusinessObjects.Patrons.Patron.UpdateLatestBalanceIn
> formation(DataSet currentBalances): Closing Database connection.
> 2004-08-12 16:36:14.09 [Thread 9] {Info}
> HorizonBoss.MealPayLive.BusinessObjects.Patrons.Patron.UpdateLatestBalanceIn
> formation(DataSet currentBalances): FINISH:
> 2004-08-12 16:36:14.09 [Thread 9] {Info}
> HorizonBoss.MealPayLive.WebServices.MealPayCentralWS.SendBalances(DataSet
> currentBalances): Successfully updated latest Real-Time Balance
> Information.
> 2004-08-12 16:36:14.09 [Thread 9] {Info}
> HorizonBoss.MealPayLive.WebServices.MealPayCentralWS.SendBalances(DataSet
> currentBalances): Finish:
> 2004-08-12 16:36:14.09 [Thread 9] {Verbose}
> HorizonBoss.MealPayLive.WebServices.MealPayCentralWS.SendBalances(DataSet
> currentBalances): Results = True
> 2004-08-12 16:36:14.29 [Thread 6] {Warning}
> HorizonBoss.MealPayLive.WebServices.Global.Application_End(Object sender,
> EventArgs e): Web Service application is ending.
> 2004-08-12 16:36:14.29 [Thread 6] {Warning}
> HorizonBoss.MealPayLive.WebServices.Global.Application_End(Object sender,
> EventArgs e): No Errors caused the shutdown.
>
> You can see from the Above log file where the Application_Ends on a
> different Thread.
>
> 6. I also have code in the Application_Error section of the global.asax,
> but this section of the code never gets hit.
>
> 7.. When the next Web Request comes in, I write out a History of all the
> reasons why the Web Server last shutdown.
>
> 2004-08-12 16:14:30.40 [Thread 9] {Info}
> HorizonBoss.MealPayLive.WebServices.Global.WriteProcessInformation(
> ProcessInfo currentInfo): ProcessID: 3836StartTime: 8/9/2004 1:51:25
> PMStatus: 1ShutdownReason: 0RequestCount: 0PeakMemoryUsage: 54596Milliseconds
> the Worker process has been running: 152Minutes the Worker process has been
> running: 23Hours the Worker process has been running: 2
> 2004-08-12 16:14:30.40 [Thread 9] {Verbose}
> HorizonBoss.MealPayLive.WebServices.Global.WriteProcessInformationHistory(
>): START:
> 2004-08-12 16:14:30.40 [Thread 9] {Info}
> HorizonBoss.MealPayLive.WebServices.Global.WriteProcessInformation(
> ProcessInfo currentInfo): ProcessID: 3836StartTime: 8/9/2004 1:51:25
> PMStatus: 1ShutdownReason: 0RequestCount: 38PeakMemoryUsage:
> 54596Milliseconds the Worker process has been running: 167Minutes the Worker
> process has been running: 23Hours the Worker process has been running: 2

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> 2004-08-12 16:14:30.40 [Thread 9] {Verbose}
> HorizonBoss.MealPayLive.WebServices.Global.WriteProcessInformationHistory(
>): FINISH:
>
> I write down the Shutdown Reason as 0. Which means unknown reason why the
> web server shut itself down.
>
> 8. My database connection string looks as follows:
>
> server=localhost;UID=MyUser;PWD=secret;database=DatabaseName;pooling=false;c
> onnection reset=false;connection lifetime=5;min pool size=1;max pool
> size=10;connection timeout=120
>
> I'm completely stumped as to what can be terminating my web application. I
> have verified that I'm not touching the \bin folder of the web application
> as I know that this causing web servers to restart themselves.
>
> Any help is greatly appreciated.
>
>
>