

Re: Troubleshooting Timeout expired. All pooled connections were in use and max pool size was reached.

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 - *Date:* Fri, 09 Nov 2007 18:54:56 -0800
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while a real high volume site (100+ concurrent users) might see and require the pool sizes to be bumped up, usually its a coding error. the database connections are not closed and returned to the pool. be sure all code has a try/finally block that closes the connection or use the using statement.

be sure connection are local, and never passed around, placed in session or global variables. the routine that opens the connection, should close before exiting. failure to close on error is a common defect.

— bruce (sqlwork.com)

jobs wrote:

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New webservers. win2003. IIS6. asp.net 2.0/ sql server 2005 and Oracle 9i through a 64 bit Oracle client. Everything working fine until this.

I started getting these errors as the new website activity started to heat up.

Timeout expired. The timeout period elapsed prior to obtaining a connection from the pool. This may have occurred because all pooled connections were in use and max pool size was reached.

After inspection of some of my methods I did see a few returning data before disposing and closing.

I noticed these in the event log:

Event message: An unhandled exception has occurred.

The problem went away (at least for now) when I cycled the applicationpool in IIS for the site.

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A few dumb questions.

1. I did not see any significant activity on the webserver. How can I troubleshoot this? Any way to see how many open connections? sessions on the Web server? etc.

2. Looking at application pool setting, I thought I'd set down the idle type before it recycles idle process to 5 minutes from 20 minutes. Good idea? what other settings might improve things?

Eventually I plan to loadbalance this webserver. It's currently on failover to an identical webserver.

Thank you for any help or information!

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