

Re: MaxPoolSize – Recommendations

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2006-09/msg00033.html>

- *From:* "William \ (Bill) Vaughn" <billvaRemoveThis@xxxxxxxxxxx>
 - *Date:* Fri, 1 Sep 2006 09:12:51 -0700
-

I'm with Mr. Beamer. I've heard of very heavily accessed sites having 25 connections in the pool. 400 is nuts. Patrice, I agree, there is some serious problem here. Perhaps the pool is not leaking, but it's clearly not using connections efficiently. I would chart the use of the pool via the performance counters and see if the number stabilizes at 400 or continues to rise—it might very well be leaking—slowly. For example, if a query generates an exception every 1000 operations and the exception handler bypasses the Close, it could leak slowly and not overflow for days.

Ah, if the ConnectionString changed, there would be 400 pools not 400 connections in the pool.

hth

William (Bill) Vaughn
Author, Mentor, Consultant
Microsoft MVP
INETA Speaker
www.betav.com/blog/billva
www.betav.com

Please reply only to the newsgroup so that others can benefit.

This posting is provided "AS IS" with no warranties, and confers no rights.

"Patrice" <scribe@xxxxxxxx> wrote in message
news:u89naHdzGHA.1300@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

It would look rather that the connection string is not always the same....
Have you checked in SQL Server under which account those connections are done ?

Also if you look at the max poll size (100 if I remember) and the default pool size (don't remember) it's likely that :

- either those settings are increased for some reason by the application
- either they create mutiple pools

Re: MaxPoolSize – Recommendations

Anyway the idea is when you are above the default pool size you should have less connections than users when here you have more connections than users...

Good luck.

--

Patrice

"hrabia" <hrabia@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> a écrit dans le message de news: 89F39CE0-350D-48D4-AA22-F0B3796E364C@xxxxxxxxxxxxxxxxxxxx

I'm testing now a third part web application (ASP.NET 2.0, MS SQL Server 2005) that seems to work properly but creates up to 400 (sic!) connections for average 80 concurrent users. The application is pretty straightforward: login, some grids with data and that's it. In my opinion (I'm an experienced .NET architect :) 10 concurrent connection (in a peak) should be enough but 400 (in the pool) are very strange for me. I've informed the vendor that the current situations is not acceptable for me but I've got an answer that Microsoft doesn't have any recommendations concerning "max pool size" value, so it can be set even to the maximum value of connections that are allowed by MS SQL Server (~ 32.000!). I've tried to find any official recommendations in msdn but I've found only sentences like "application dependent", "sense, rational value" and so on. I have to protect my department from an application with wrong architecture but I can't find any strong-based arguments. Help :)!