

# Re: Excessive Paging

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- *From:* Earl Grey <Earl@xxxxxxxxxxxxxx>
  - *Date:* Tue, 16 Jan 2007 14:26:07 -0500
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Hi Ray:

Without knowing what's running on the machine, all those statistics are just so many numbers.

Here's what matters: What applications are running and how much resources are they using?

There's no mystery behind slow performance on a machine without hardware problems. It's simply an imbalance of running applications vs. resources available to run them (principally memory). The solution is equally simple: Add resources or remove applications that use too much of them.

Earl Grey

Ray Manning wrote:

I'm running an XP SP2 machine that has experienced an incredible decrease in performance over the past couple months and I'm trying to determine why. At first I thought the hard drive might be at fault since I was seeing It would appear to me that the machine is needlessly paging based on the PerfMon.exe Pages/sec counter and the taskman performance numbers. Can someone verify I'm on the right track and possibly offer solutions?

Here's what I'm seeing:

Perfmon.exe (Pages/Sec) averages of 30-60 with a scale of 1

TaskMan: Performance

Physical Memory (K)

Total : 392,496  
Available: 170,000  
System Cache 240,000

Commit Charge(K)

Total 158,568

## Re: Excessive Paging

Limit 550,000

Peak 170,000

CPU usage averages about 5–20% but of course spikes at times.

What I don't understand, and perhaps it's my interpretation of the perfmon counter, is why I have such a high page/sec rate when my peak commit charge isn't even half of the physical memory. Shouldn't my commit charge be much higher before paging starts hitting 40+ pages/sec? Is page size 4k? 160k/second when I have a couple hundred megs of physical memory available?

I did not look at these numbers before I started having performance problems (long boot times, 5 minutes to log on, etc) so perhaps these are not out of line, but if not, can someone explain to me what I'm missing in my interpretation?

Thanks,  
Ray