

# Re: How to turn off the "File System Real-time Protection" in Symantec Antivirus Corporate Edition?

**Source:**

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.virus.discussion/2004-04/0438.html>

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**Date:** 04/28/04

Date: Wed, 28 Apr 2004 18:33:55 +0400

What Columns to use to find out where the bottleneck is? How to know by numbers in the Column where the bottleneck is?

"Phil Weldon" <notdisclosed@example.com> wrote in message news:cIOjc.16060\$e4.4579@newsread2.news.pas.earthlink.net...

> *Sorry for the typo. The I/O bandwidth should be 1 Mbit per second, not 1 MByte per second. The Amdahl/Case Rule is a 'rule of thumb' like 'Moore's Law, and only approximate. A 'Northwood' 1.8 GHz Pentium might have 2,400 MIPS, indicating 2.4 GBytes memory and 2.4 GBits I/O bandwidth by the Amdahl/Case Rule. The I/O bandwidth for a 32-bit, 33 MHz PCI bus would be 32 X 33 MHz ~ = 1 GBit/second. The I/O bandwidth for a 32-bit 66 MHz X 8 AGP*

> *bus would be ~ = 16 GBit/second, but much of the AGP bus bandwidth is unused*

> *for most applications. A 66 MHz 64-bit PCI bus is available on server motherboards and a faster replacement for the PCI bus is soon to appear in general motherboards; server applications approach the 1 MByte per MIPS ratio, and for general workstation use, the 1 MByte per MIPS ratio is approached if the swap file is included.*

>  
> *I suggest you use the performance data available in 'Task Manager' (select 'Processes', 'View', 'Select Columns') to find out where your bottleneck is.*

>  
> --

> *Phil Weldon, pweldonatmindjumpdotcom*

> *For communication,*

> *replace "at" with the 'at sign'*

> *replace "mindjump" with "mindspring."*

> *replace "dot" with "."*

>  
>

> *"Phil Weldon" <notdisclosed@example.com> wrote in message*

> *news:YRxjc.15038\$e4.58@newsread2.news.pas.earthlink.net...*

> > *The request might have something to do with CPU resources. What might not*  
> > *be noticed with a 3 GHz Pentium 4 in a workstation might be very noticeable*  
> > *if the CPU can't keep up with disk bandwidth. Without knowing that keep*  
> > *piece of information... Amdahl/Case Rule: A balanced computer system*  
> *needs*  
> > *about 1 MByte of memory and 1 MByte per second of I/O bandwidth per MIPS*  
> *of*  
> > *CPU performance.*  
> >  
> > --  
> > *Phil Weldon, pweldonatmindjumpdotcom*  
> > *For communication,*  
> > *replace "at" with the 'at sign'*  
> > *replace "mindjump" with "mindspring."*  
> > *replace "dot" with "."*  
> >  
> >  
> > *"Bill Sanderson" <Bill\_Sanderson@msn.com.plugh.org> wrote in message*  
> > *news:Oh\$5iHLEHA.2660@TK2MSFTNGP09.phx.gbl...*  
> > > *Agreed.*  
> > >  
> > > *I don't think this is a universal issue with Symantec Corporate--my*  
> > *clients*  
> > > *haven't run into it--so I suspect this is fixable. Turning off the*  
*scan*  
> > > *should be an absolute last resort, although reasonable for testing.*  
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