

# Re: mysql performance tuning @ FreeBSD6

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2006-01/msg00033.html>

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I'm curious whether Robert's patch might have an effect on samba3 performance as well.

This isn't very methodical, but I see about 60% increase samba3 read bandwidth (from 14MB/s to 26Mb/s) when changing from the default `kern.timecounter.hardware=i8254` to TSC, which makes me wonder whether it might.

Below are details..  
Rich Murphey

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Server: Samba3 on a dual xeon running FreeBSD 6.0 release.  
Client: nbench on windows XP SP2.  
Client and server are using intel pro 1000MT gigabit cards.

Here's the nbench output w/comments:

w/sysctl kern.timecounter.hardware=TSC:

Disk Performance, MBytes/sec  
File size: 100.0 MBytes

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thread: 0
write:  7.93
read:  22.94
```

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followed by kern.timecounter.hardware=i8254:

Disk Performance, MBytes/sec  
File size: 100.0 MBytes

thread: 0  
write: 6.80  
read: 14.01

and back to kern.timecounter.hardware=TSC:  
Disk Performance, MBytes/sec  
File size: 100.0 MBytes

thread: 0  
write: 7.77  
read: 23.61

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