

Re: Where to troubleshoot Intel PRO/1000 performance problems?

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2007-03/msg00072.html>

- *From:* "Aaron Seelye" <aseelye-lists@xxxxxxxxxxxx>
 - *Date:* Fri, 23 Mar 2007 12:48:34 -0700
-

So how about any irq conflicts? tried netcat from this machine to another and vice versa? duplexing/cabling problems?

----- Original Message ----- From: "Sally Janghos" <list@xxxxxxxxxx>
To: "Aaron Seelye" <aseelye-lists@xxxxxxxxxxxx>
Cc: <freebsd-performance@xxxxxxxxxxxx>
Sent: Friday, March 23, 2007 11:14 AM
Subject: Re: Where to troubleshoot Intel PRO/1000 performance problems?

Aaron,

Thanks for your reply. Here is some output from some dd's on the disk that I'm reading/writing to.

```
dd if=/dev/zero of=testfile count=1000000;dd if=testfile of=/dev/null
```

```
1000000+0 records in  
1000000+0 records out  
512000000 bytes transferred in 27.951769 secs (18317267 bytes/sec)  
1000000+0 records in  
1000000+0 records out  
512000000 bytes transferred in 16.864945 secs (30358830 bytes/sec)
```

```
dd if=/dev/zero of=testfile count=1000000 ; dd if=testfile of=/dev/null
```

```
1000000+0 records in  
1000000+0 records out  
512000000 bytes transferred in 28.492921 secs (17969376 bytes/sec)  
1000000+0 records in  
1000000+0 records out  
512000000 bytes transferred in 16.605797 secs (30832607 bytes/sec)
```

Am I reading right, the max network transfer rate from this disk will be between 143Mbit and 246Mbit/sec? Is there a way to determine if there is an IRQ conflict? How do you find out what IRQ's are currently used by the system?

Re: Where to troubleshoot Intel PRO/1000 performance problems?

Sally

Thu, Mar 22, 2007 at 04:31:16PM -0700, Aaron Seelye wrote:

If it's platform agnostic, I'd start looking for IRQ conflicts. It would seem that your test all involve disk io, check that first and narrow down that it's a network or disk problem. You may have a bum raid card, irq conflict on the network card, any number of things.

-Aaron

----- Original Message ----- From: "Sally Janghos" <list@xxxxxxxxxx>
To: <freebsd-performance@xxxxxxxxxx>
Sent: Thursday, March 22, 2007 10:16 AM
Subject: Where to troubleshoot Intel PRO/1000 performance problems?

>I'm looking for some suggestions on where to start troubleshooting
>performance issues on a Intel PRO 1000 card.
>
>It's installed in a box with the following configuration:
>FreeBSD 6.1
>AMD Athlon(tm) XP 2100+ (1741.42-MHz 686-class CPU)
>Dell CERC SATA RAID 2
>
>The file transfer(ftp/smb/scp) speeds from/to this machine do not appear
>to go above 10Mb. The other machine
>doing the transfers has similar specs(same Ethernet Card) but is a
>Windows
>XP box. I've tried replacing the switch with
>a crossover cable between the machines and the same speed persists. Any
>suggestions on where to start and what tools
>should I use to do the benchmarks?
>
>Thanks,
> Sally
>
>-----
>freebsd-performance@xxxxxxxxxx mailing list
><http://lists.freebsd.org/mailman/listinfo/freebsd-performance>
>To unsubscribe, send any mail to
>"freebsd-performance-unsubscribe@xxxxxxxxxx"
>
>
>-- >No virus found in this incoming message.
>Checked by AVG Free Edition.
>Version: 7.5.446 / Virus Database: 268.18.17/730 - Release Date:
>3/22/2007
>7:44 AM
>
>

Re: Where to troubleshoot Intel PRO/1000 performance problems?

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No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.446 / Virus Database: 268.18.17/730 – Release Date: 3/22/2007 7:44 AM

freebsd-performance@xxxxxxxxxxx mailing list

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