

Re: slow file transfer speeds on SBS

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-10/3474.html>

From: Jeff L (newsgroups_jeff_at_availabletech.net)

Date: 10/13/04

Date: Wed, 13 Oct 2004 00:29:34 -0400

Doug,

There is some overhead with windows as it sets up for the copy so 15 seconds is about right.

1000 / 8
125 MB/sec theoretical

Intel has two different versions of onboard cards. One uses greater amounts of CPU to achieve closer to theoretical maximums but neither get full 1000 Mbps.

Given the overhead created by windows and the performance expectations of the card I think you are in the right range.

You might try the same test using XCopy from DOS to see if you get any better performance.

Regards,

Jeff Loucks [SBS MVP]

Available Technology ®

Solutions For Professionals ®

www.availabletechnology.com

"Doug" <dmciver@jlmirect.com> wrote in message
news:%23mxhJkNsEHA.2940@tk2msftngp13.phx.gbl...

> *How long should it take to cut and paste a 300MB file, it is taking about
> fifteen seconds.*

>

> *Douglas*

> *"Jeff L" <newsgroups_jeff@availabletech.net> wrote in message*

> *news:ub4nFNNsEHA.1336@tk2msftngp13.phx.gbl...*

>> *Doug,*

>>

>> *Are you running any third party software like Arcserve or antoehr backup
>> software?*

>>

>> *If so contact the software vendor for a patch.*
>> <http://support.microsoft.com/default.aspx?scid=kb;en-us;319122>
>>
>> *Also you might be using an older version of NIC.*
>>
>> *Regards,*
>> *Jeff Loucks [SBS MVP]*
>> *Available Technology ®*
>> *Solutions For Professionals ®*
>> *www.availabletechnology.com*
>>
>> *"Doug" <dmciver@jlmirect dot com> wrote in message*
>> *news:eB5Au6MsEHA.2660@TK2MSFTNGP12.phx.gbl...*
>> > *Ran a CAT5E crossover between them, shows they are linked at 1000, but*
>> > *file*
>> > *transfer is still slow.*
>> >
>> > *Thanks,*
>> > *Douglas*
>> > *"Jeff" <newsgroups_jeff@availabletech.net> wrote in message*
>> > *news:OhyVgrMsEHA.2252@TK2MSFTNGP11.phx.gbl...*
>> >> *Doug,*
>> >>
>> >> *Try attaching the servers using a direct cable between the two nics.*
>> >> *Your nics are probably smart enough to figure out if you are using a*
>> >> *crossover cable or not. Try repeating the test once you have a direct*
>> >> *connection.*
>> >>
>> >> *You might also want to check that your cables are connected into the*
> *1000*
>> >> *ports when they are connected to the switch.*
>> >>
>> >> *Some 1000 cards don't have enough CPU to make them run at full speed.*
>> >>
>> >> *Report back you results.*
>> >>
>> >> *Jeff Loucks [SBS MVP]*
>> >> *Available Technology ®*
>> >> *Solutions For Professionals ®*
>> >> *www.availabletechnology.com*
>> >>
>> >>
>> >>
>> >>
>> >>
>> >>
>> >> *"Doug" <dmciver@jlmirect dot com> wrote in message*
>> >> *news:O5ChpSMsEHA.220@TK2MSFTNGP15.phx.gbl...*
>> >> > *Our SBS box has a gigabit adapter, 2x36GB 15K SCSI disks for C:*
> *RAID1,*
>> >> > *4x72GB 15K SCSI disks for D: RAID5. It is connected to an HP*

> *Procurve*
>> >> > *switch, 24 10/100 ports, 2 1000 ports. I have another server in the*
>> > *other*
>> >> > *gigabit port, Windows 2003 as well. When I cut and paste a big*
>> >> > *file,*
>> >> > *100MB*
>> >> > *or so, from one server to the other one, it shows in the networking*
> *tab*
>> > *in*
>> >> > *taskman that it is only using 4 to 8 percent of the network card.*
> *why*
>> > *is*
>> >> > *that? Any ideas?*
>> >> >
>> >> > *Thanks*
>> >> > *Douglas*
>> >> >
>> >> >
>> >>
>> >>
>> >
>> >
>>
>>
>
>