

## Re: Expected file transfer speeds over Gigabit?

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"ohaya" wrote in message news:417950A2.33EC2E4F@cox.net...

: If anyone has done any timed testing or benchmarking for file transfers  
: between two machines running Windows 2000 Server with GigE adapters, I  
: was wondering if you could post your results?

:

: I'm doing some testing between two servers with Xeon processors and  
: Intel NICs, with two large compressed files, and am getting results from  
: about 11 Mbytes/sec to 26 Mbytes/sec, depending upon what software I use  
: for testing the transfers. The test files are about 700 Mbytes and  
: about 4 Gbytes. The systems are booted from RAID'ed SAN volumes, and  
: I've measured the 'drive' performance using HDTach and Sandra, and got  
: about 90 Mbytes/sec average speed, so 'disk' speed should be a small  
: factor.

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: I've been testing with FTP and with Robocopy (from the Windows Resource  
: Kit). I've done some tweaking of Registry, with little or no  
: improvement, but the results above were on clean, untweaked installs.

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: I've also done pure network testing using netperf, etc., and got about  
: 300 Mb/s using default parameters, and 900+ Mb/s using  
: non-default parameters, but now I'm trying to see how 'real' transfer  
: performance would be.

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: For FTP, on the server side, I'm using the MS FTP server, and for the  
: client side, I've used both the MS command line FTP client and the NCFTP  
: client.

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: The 26 Mbytes/sec results were using Robocopy, and in all cases, CPU  
: Utilization is less than 10% using both Perfmon and Task Manager, so CPU  
: load doesn't appear to be an issue.

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: If anyone has done any similar testing, I'd be very interested in  
: hearing about your results, as I'm trying to 'sanity check' what I'm  
: finding, i.e., that, at best, it's only possible to get about 1/4 - 1/3  
: of the true network bandwidth.

microsoft.public.win2000.networking: Re: Expected file transfer speeds over Gigabit?

Now tell us about the infrastructure of your interconnectivity equipment since that might be where your bottleneck is and it is a controlled environment or are you in the middle of production?

I'll have additional follow-up questions after your reply.

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Roland Hall

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How-to: Windows 2000 DNS:

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;308201>

FAQ W2K/2K3 DNS:

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;291382>