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## A/UX: Calculating Packets per Second through Ethernet (8/94)

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TOPIC -----

This article shows you how to calculate packets-per-second throughput across Ethernet.

DISCUSSION -----

To find the number of packets per second you can move through your Ethernet, do a quick and dirty test. Try "cp"ing or "cat"ing some files to and/or from an NFS file server. A rough test of "cp" (a 554181-byte file) with a 1K packet size took about 10 seconds (about 55K/sec).

roughly,            550,000 bytes  
                    -----                    = 550K in 10 seconds = 55K/sec  
                    1,000 bytes per K

Some factors that might affect this number are network traffic, packet size, the load of the system, NMBUFS (buffers for networking), and so on.

Article Change History:

23 Aug 1994 - Reviewed and updated.

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