



Tech Info Library

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

Revised: 8/23/94
Security: Everyone

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

=====
Article Created: 29 March 1989
Article Reviewed/Updated: 23 August 1994

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.
25 Jun 1993 - Revised for clarity.
29 Mar 1989 - Reviewed for technical accuracy.

Copyright 1989-94, Apple Computer, Inc.

Tech Info Library Article Number:3757