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AppleShare: Processors, RAM, and User Limits

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TOPIC -----

I understand that AppleShare is limited to 50 concurrent users in its current version, but what is the technical reason behind this seemingly arbitrary limit? I've heard something having to do with the number of sockets allowed per node and that each AppleShare user requires the use of two socket addresses? Can you explain?

DISCUSSION -----

The AppleShare concurrent user limit is hard-coded, based on performance assumptions made about the number of users a given type of server could support. Depending on what type of Macintosh you have and its quantity of RAM, a certain amount of memory is allocated to support that number of users.

A 68000- or 68020-based server with 1MB of RAM supports up to 25 users -- but a 68020 or "higher" CPU with 2MB or more of RAM lets AppleShare support up to 50 users.

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