

New Technical Notes

Macintosh



®

Developer Support

AppleShare and File-Sharing Limits

Networking

M.NW.AppleShareLimits

Revised by: Jim Luther

July 1992

Written by: Mark Bennett

October 1988

This Technical Note describes some machine-dependent limits of current versions of AppleShare file servers (including Macintosh file sharing).

Changes since October 1988: Added information for AppleShare system software version 3.0 and Macintosh file sharing.

The following chart lists some current AppleShare limits that are based upon the chosen server platform and memory configuration. The limits that otherwise might be present on a workstation are still in effect and are not affected by the workstation being logged on to an AppleShare server. These limits will change in the future.

AppleShare 1.1 and 2.0 Limits

Description of Limit	Server: Macintosh Plus, SE, or II With 1 MB	Server: Macintosh II With More Than 1 MB
Number of Users	25	50
Number of Locked Ranges	1000	2000
Number of Open Files	80	160
Number of Volumes	16	16

AppleShare 3.0 and Macintosh File-Sharing Limits

Description of Limit	File Server: Macintosh File Sharing	File Server: AppleShare 3.0
Number of Users	10	120*
Number of Locked Ranges	200	2400*
Number of Open Files	346*	346**
Number of Share Points	10	50

* The maximum number of users supported by AppleShare version 3.0 can be adjusted with

the AppleShare Admin application or with the `SCSetSetupInfo` AppleShare Server Control call. AppleShare version 3.0 allocates 20 locked ranges per user.

** This is the maximum number of file control blocks (FCBs) allowed by the Macintosh File Manager. The system and any applications running on the server Macintosh (including the file server) will use some of those available FCBs.

Further Reference:

- *AppleShare File Server Administrator's Guide*
- Macintosh Technical Note #167, AppleShare Foreground Applications