

# Technical Note NW11

## AppleShare and File-Sharing Limits

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

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## Introduction

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

| <b>Description of Limit</b> | <b>Server:<br/>Macintosh Plus, SE,<br/>or II With 1 MB</b> | <b>Server:<br/>Macintosh II With<br/>More Than 1 MB</b> |
|-----------------------------|--|---|
| 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

| <b>Description of Limit</b> | <b>File Server:<br/>Macintosh File Sharing</b> | <b>File Server:<br/>AppleShare 3.0</b> |
|-----------------------------|--|--|
| 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.

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## References

*AppleShare File Server Administrator's Guide*

Macintosh Technical Note #167, [AppleShare Foreground Applications](#)

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