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Personal File Sharing Is Limited To 2GB (10/96)

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Security: Everyone

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TOPIC -----

What is the maximum volume size I can use with Personal File Sharing?

DISCUSSION -----

There are several factors involved in defining the maximum volume size you can use. System 7 versions prior to System 7.5 have a Finder volume limit of 2GB. Starting with System 7.5, the Finder manages local volumes of up to 4GB. Computers with PCI-based ROMs have a higher limit of 2TB. Upgrading System Software will not by itself raise to the 2TB limit, the PCI-based ROMs are required.

All Personal File Sharing is limited to 2GB volume sizes. If you have a local volume that is larger than 2GB, and share it, the client's Finder window will only show 2GB of storage. The results of writing to an oversize volume are unpredictable.

AppleShare versions after 3.0 will share volumes of up to 4GB. Unfortunately, the Finder on client computers will again only reflect a 2GB volume, and again, writing to this volume will yield unpredictable results.

There is an unsupported Apple utility, AppleShare Custom Settings, that will patch AppleShare Server 4.2.1 so that it advertises volume sizes of up to 4GB in size. The drawback to this patch is that any pre-7.5 clients accessing volumes over 2GB will crash, possibly losing data.

The version of the AppleShare client used does not appear to affect these limits.

System Version	Local Volume	Remote Volume
pre-7.5	2GB	2GB

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7.5 or later	4GB	2GB*	
PCI ROM	2TB	2GB*	
+-----+	+-----+	+-----+	+-----+

* If the server is AppleShare 4.2.1 with the Custom Settings patch installed, this number will be 4GB.

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