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AppleShare Workstation Server Limit

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TOPIC -----

I have a program that automatically backs up our server volumes from a workstation. The problem is that I need all the volumes to be mounted on the workstation for the automatic back up to work. I want to run the software on a 2.5MB Macintosh Plus with an 80MB hard drive running System 6.0.3. I am trying to mount 8 volumes. When I try to mount the fourth volume, I get a message about not being able to open any more volumes.

What is the limitation? RAM? System software? Would a different computer help: Macintosh SE, Macintosh II? How many volumes should a workstation be able to mount?

DISCUSSION -----

There is a limitation in the number of servers that a given Macintosh computer can be logged on to at one time. The number of servers by machine is as follows:

Computer -----	Number of Servers -----
Macintosh Plus	3
Macintosh SE	8
Macintosh Classic	8
Macintosh Portable	8
Macintosh LC	18
Macintosh SE/30	18
Macintosh II	18
Macintosh IIX	18
Macintosh IICx	18
Macintosh IISI	18
Macintosh IICI	18
Macintosh IIfx	18
Macintosh PowerBook 100	18
Macintosh PowerBook 140	18
Macintosh PowerBook 170	18
Macintosh Quadra 700	18

Macintosh Quadra 900	18
Macintosh Classic II	18

There is also a limit in the number of volumes you can have mounted. When a volume is mounted, information about that volume is loaded into System and Finder memory. The amount of memory needed to mount a volume is dependent on the size of and the number of files on that volume.
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