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Macintosh Users Unable to See Volumes on Novell Server (4/96)

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TOPIC -----

We have several Power Macintosh 7500/100 computers, and we're having a problem with the Macintosh computers seeing a newly attached 8 GB disk array on a Novell server. The Macintosh users could see the old disk configuration, however, now the new disk array is the only logical volume on the server.

The Macintosh users can see the Novell server in the Chooser, logon to the server, and print to spooled printers using AppleTalk. However, the newly attached disk array does not appear in the Chooser's volume selection dialog box -- nothing is presented in the selection dialog, not even a grayed volume name. PC users are able to mount this volume.

I'm considered the Macintosh administrator for this server, and I'm wondering if my problem could be with a Macintosh not being able to access volumes larger than 2 GB.

DISCUSSION -----

The AppleTalk portions of your Novell server are working because your Macintosh users can see the server in the Chooser, connect by logging on, and print to the server's attached printers using AppleTalk.

There is no way to correlate the disk array's volume size to your problem, because the Macintosh computers have not yet mounted the volume. This is because the Novell server is not informing the Macintosh computers that there are any volumes attached. The volume selection dialog lists volumes in response to an AFP request, from the Macintosh to the server, for a list of attached volumes, not caring about the characteristics of the volumes.

Therefore at this stage, this appears to be a configuration problem on the Novell server. Any volume size issues will only emerge once the Macintosh users select the disk array, and attempt to mount it. Furthermore, any difficulties that may arise, when mounting the disk array, are not related in any way to the Macintosh computers inability to see volumes offered by the server.

You need to review the steps necessary to make the server's volumes available to Macintosh users. The multi-protocol Novell server needs each aspect of its services separately set up for each protocol supported -- a volume needs to be explicitly shared for IPX clients, AppleTalk clients, and IP clients.

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