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Clean System Install on an PCI-based Workgroup Server (8/96)

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TOPIC ---

This article describes how to do a clean system install of the Mac OS on an
AppleShare server and preserve privileges. This procedure will work on Workgroup
Server and other Macintosh computers.

NOTE: This will not cure problems due to corrupted Users & Groups Data File or
AppleShare PDS file.

This is the procedure to use if your system software on a Mac OS AppleShare
server has become damaged, and you want to replace it while preserving
privileges and sharing information.

DISCUSSION ---

First, Restart with either a Disk Tools floppy, or the Workgroup Server CD-ROM
and run Disk First Aid and allow any fixes. If Disk First Aid cannot repair the
drive, you should back up your data, format the drive, and then restore the
data.

WARNING: Be sure to back up data BEFORE formatting a drive because all data will
be lost during the formatting process.

If your problem was starting the file server software itself, or in any way
involved with privileges, you will want to attempt to compact volume access
privileges with the AppleShare Admin software prior to resorting to the clean
install. This will frequently fix privilege problems. If the server still will
not start, follow these steps:

Clean Server Install

Step 1

Startup with the "Workgroup Server Software" CD-ROM disc that came with your Workgroup Server by pressing and holding the "c" key after restarting until you see the "Welcome To Macintosh" screen.

At the desktop, the "Workgroup Server Software" CD disc's icon should be in the upper-right corner of your screen with your hard drive's icon below it. If another hard drives appear above the "Workgroup Server Software" CD, open the Startup Disk control panel, and select the "Workgroup Server Software" CD. Close all open windows and restart the computer. The "Workgroup Server Software" CD should now appear in the upper-right corner above the hard disk.

Step 2
Open the "Install System Software" folder and double click on "Install System Software."

Step 3
When the "Welcome to System 7.5" message appears, click Continue.

Step 4
When the installer window appears, press the Command-Shift-K keys simultaneously (the Command key is the key with the Apple and Clover leaf). You will be presented with a small dialog box with two selections:

• Update Existing System Folder
• Install New System Folder

For a clean install, select Install New System Folder and click "OK." Make sure the Destination Disk on the bottom left is the hard disk you want to install onto, then click Clean Install on the bottom right. This will install a new system folder and rename you current folder "Previous System Folder."

Step 5
After the system software has been installed, restart and install AppleShare Software.

NOTE: Be careful not to launch AppleShare until you are instructed to do so.

Step 6
After the computer has restarted, open the System Folder, and the Preferences folder. Drag the Users & Groups Data File to the trash. Close the Preferences folder.

Step 7
Locate the folder named Previous System Folder and open it, then open the Preferences folder. While pressing and holding the Option key on your keyboard, drag the Users & Groups Data File to the desktop. (Holding down the option key will let you copy the Users & Groups Data File instead of moving it.) Close the Preferences folder and the Previous System Folder.

Step 8
The System Folder should still be open (if it's not, open it). Drag the Users & Groups Data File on the desktop to the Preferences folder of the open System Folder.

Step 9
Restart the computer and open the Sharing Setup control panel. Enter the
Macintosh name, it does not have to be the same name as it was before, but if
possible, it should be the same to keep from confusing users. Then choose
AppleShare Admin in the Apple menu. (You may be prompted for server name and
admin key.) Verify that users & groups are intact. If they are, now run the
AppleShare File Server program.

NOTE: This methodology will preserve the original System Folder's hierarchy in
the Previous System Folder. At this point you can transfer any items from your
Previous System Folder to your new one if necessary. BE CAREFUL NOT TO REPLACE
ANY EXISTING ITEMS. Those items which were either installed during the install
process, or are unnecessary may be placed in the Trash.

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