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MAE: HP700 & Moving /users To New Disk (5/95)

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TOPIC -----

What is the best way to move the /users to a new disk on a Hewlett Packard (HP) Series 700 Workstation? As MAE creates System Folders in each user's directory, there is a need to increase storage. What concerns are there with MAE in respect to a new file system?

DISCUSSION -----

While Apple does not support this task, it is important to be sure that the new a File System supports more than 14 characters. When using the utility called SAM (System Administration Manager) to create a new File System, it will default to supporting file names up to 14 characters. Be sure that when adding a File System within SAM, that the option for Long File Names is selected.

Here are the steps for moving /users to a new disk and creating a new file system with SAM:

Step 1

Create a temporary directory and move the contents of /users to /users.temp:

```
#mkdir /users.temp
#cd /users
#find . | cpio -pdmv /users.temp
#cd /
#rm -rf /users/*
```

Step 2

Start SAM to create a new File System:

```
#sam &
-Select "Disks & File Systems" -> "CD-ROM, Floppy and Hard Disks"
-Select the new SCSI Drive, highlight 'Action' and select 'Add a Hard Disk'
-Select 'Modify Defaults' and select "Use Long File Names"
-Select OK and mount the new File system to /users
-Exit SAM
```

Step 3

Move contents from /users.temp to /users and remove the temp directory:

```
#cd /users.temp
#find . | cpio -pdumv /users
#cd /
#rm -rf /users.temp
```

The /users is now located on the new file system that supports long file names, allowing MAE to properly create long file names on that file system.

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