



Tech Info Library

AppleShare 2.0 : CD-ROM Issues (3/94)

Article Created: 22 October 1989

Article Reviewed/Updated: 10 March 1994

TOPIC -----

This article contains questions and answers about a number of CD-ROM issues and AppleShare 2.0. Most does not apply to AppleShare 3.0, or AppleShare 4.0.

DISCUSSION -----

Q) I've got an AppleCD SC running on my AppleShare server. When I run the Administrator to prepare certain large CDs (such as the Boston Computer Society CD-ROM, 300MB and tons of files) for use with the server, I always get a -127 error.

I have no problem preparing and publishing simpler CDs, such as EDUCORP's, but I cannot get the BCS CD-ROM prepared for publication. It seems as though I'm reaching some type of AppleShare limit when the desktop files are being prepared. What's going on?

A) We tested the Boston Computer Society Macintosh PD-CD v2 and v4 discs with AppleShare 2.0.1; both worked flawlessly. We, too, have "prepared" numerous CDs for use as server volumes without difficulty. AppleShare file handling limits are significantly greater than the number of files that can be stored on a compact disc (search in the Tech Info Library under "Macintosh" and "maximum number of files" to get a explanation of the number of files the Macintosh OS allows).

Error -127 is a DS error, which is the equivalent of a system error for the file system and is of little help in identifying this problem.

Possible sources of the problem:

- You might have some INITs causing a conflict.
- You might have a damaged copy of the AppleShare Administrator or Server software, or an early version that doesn't support locked media. You should be using 2.0.1 or later.
- Your compact disc or discs may be damaged.
- The AppleCD SC or other hardware (logic board, RAM, server hard disk)

may be malfunctioning.

- You are using old or damaged copies of System Software, AppleCD SC software, and so on.

Q) How can I control the order in which volumes (CDs and hard disks) appear in the scroll box when logging into AppleShare?

A) At the server, devices are displayed in Finder order: startup volume first, followed by SCSI drives in descending order of SCSI address, followed by devices connected via the drive port in the order returned by the getVolInfo call.

At the workstation, the devices are displayed in exactly the opposite order, placing the startup volume at the bottom of the list.

Q) It takes me a very long time to prepare a CD for use with AppleShare. Sometimes the Administrator runs for 3 to 4 hours, and only after that tells you that it already knew about the CD. Your only choice is "OK", and then it still doesn't want to mount anyway!

Isn't there a way to prepare the CD index/desktop/privilege files -- or whatever it does when preparing a CD volume -- offline, so the server doesn't have to be shut down for hours?

A) We agree that it can be frustrating preparing and mounting large CDs. Unfortunately, there aren't really any shortcuts or workarounds, aside from preparing a series of CDs at one sitting to minimize startup time at a later time.

Your difficulties mounting might be related to the above, or possibly the AppleCD SC might not be "online" when the AppleShare program starts up.

Article Change History:

10 March 1994 - Made the article specific to AppleShare 2.0. Most issues do not apply to later versions.

Support Information Services

Copyright 1989-94 Apple Computer, Inc.

Keywords: <None>

=====

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 4678