

**Topic :**                    **Mounting Cache-A afp Shares on  
Mac OS 10.7 Lion**

**Reference Release:** v2.0.12

**Date :**    **December 7, 2011**

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**Summary:**

Apple Mac OS Lion has broken traditional afp mounting. Cache-A will address this internally in a future release, but for now a change must be made one time on each Mac client.

The workaround available from Apple is posted on their Knowledgebase at <http://support.apple.com/kb/HT4700> - execute all instructions listed therein.

Unfortunately in some Mac environments the fix outlined in Apple's solution does not work. This paper outlines the steps to take if Apple's solution does not work for you.

**Basic Mounting procedure:**

This method is a reference for the instructions available from the above referenced Apple Knowledge base. If they do not work, proceed to the next section.

From a Mac Terminal, start with these two commands:

```
sudo chmod o+w /Library/Preferences  
  
sudo defaults write  
/Library/Preferences/com.apple.AppleShareClient  
afp_host_prefs_version -int 1
```

Note: we recommend copying and pasting these commands – in all cases, each **sudo** command is typed all one line before selecting “return.”

Next, attempt to connect to your Cache-A via afp, entering in username **cache** and password **cache123**; this will still result in the failed-to-connect message.

Then entering in these two commands:

```
sudo defaults write  
/Library/Preferences/com.apple.AppleShareClient  
afp_disabled_uams -array "Cleartxt Passwrđ" "MS2.0" "2-Way  
Randnum exchange"  
  
sudo chmod o-w /Library/Preferences
```

Then try the connection again. This should work – if it does not, proceed with the next solution.

### **Mounting by replacing corrupted preferences:**

If you are at this point and are still failing to connect, please proceed with the following. Please be sure that every command is typed EXACTLY as shown, (for example, Passwrđ does in fact have no 'o').

Open up finder and go to **/Library/Preferences/**

Locate the two files:

**com.apple.AppleShareClient.plist**

and

**com.apple.AppleShareClient.plist.lockfile**

Move these files to your desktop as a backup and make sure they both are removed from **/Library/Preferences/**

You will need your administrator password for your Mac to proceed. Do not remove any other files.

Next, open up terminal and enter in the following two commands:

```
sudo chmod o+w /Library/Preferences  
sudo defaults write  
/Library/Preferences/com.apple.AppleShareClient  
afp_host_prefs_version -int 1
```

To verify that you are good so far, enter in terminal:

```
defaults read /Library/Preferences/com.apple.AppleShareClient
```

This should return ONLY

```
{  
    "afp_host_prefs_version" = 1;  
}
```

Now reboot your Mac.

Once your system has loaded itself again, try connecting to the Cache-A Share via AFP on your Mac, please note that this WILL FAIL, but you MUST do this step. Once you have done this step you can run:

```
defaults read /Library/Preferences/com.apple.AppleShareClient
```

again, and see that it has now been populated with a lot of new information, including a "DHCAST128" reference under the newly created **afp\_disabled\_uams** variable

Now run the following two commands:

```
sudo defaults write  
/Library/Preferences/com.apple.AppleShareClient  
afp_disabled_uams -array "Cleartxt Passwrđ" "MS2.0" "2-Way  
Randnum exchange"  
sudo chmod o-w /Library/Preferences
```

Now, running:

```
defaults read /Library/Preferences/com.apple.AppleShareClient
```

again should show that the previous "DHCAST128" reference is now gone.

Reboot your Mac.

When you are back up and running, connection attempts to the Cache-A Share via afp should succeed.