

Problem:

Some characters on the Macintosh or other AFP Server are illegal in Windows 95 localized for a particular language. When the PC attempts to access shared items with illegal characters in the folder, computer or zone name, it encounters the illegal characters in the character string and the Win95 function called fails. For example, after logging in, then mapping a drive, accessing a particular folder or file may fail due to an illegal character. You will get messages indicating access denied, even when you know that correct privileges are granted for the current user.

Solution:

In version 6.1 of PC MACLAN, you can add registry values that specify certain illegal characters to be QUOTED out of all AppleTalk related functions. This means that if you can't simply change the name of the zone, server, volume, folder or file to not include these illegal characters, then you can quote the characters and they will appear on the Windows 95 computer as a set of numbers instead of the illegal character. For example, ASCII character 128 is an Ç, which in some fonts/character sets is a Swedish Å. Instead of seeing a volume named 'Çll Drives' if it's quoted you will see '[128]ll Drives'.

Note that this approach adds overhead. Every character that is quoted will be replaced by 5 characters which will add an additional 4 characters to the length of the name. However, this approach solves many of these types of problems and may be worth doing if you can't just rename the zone, server, volume, folder or file.

Below is the procedure for quoting illegal characters with version 6.1. The file QUOTE.REG contains the default quoted characters.

----- From Explorer,

1. Select the file QUOTE.REG with the right mouse button to bring up the shortcut menu.
2. Select Merge.
3. Select OK to close the window that says Registry items have been merged.
4. Press the Start button on the Task bar and select the Run option.
 5. Type "regedit" and press the OK button to open the Registry Editor.

----- From Regedit,

1. Open the HKEY_LOCAL_MACHINE key by double clicking on its folder
Continue opening the following keys:
SOFTWARE
Miramar Systems, Inc.
FileClient
2. In the right pane of the window you should see 3 values, two string values and a binary value. Double click on the binary value (with the icon showing 011) called QuoteChars.
3. Review the list of characters to see if any of the default characters are ones that should definitely NOT be quoted. If any of the characters should be removed, highlight the character on right side or the hex value in the middle and press delete.
4. Then position the cursor at the end of the list and type the character or hex value (ASCII) for each illegal character that is causing problems.
5. Select the OK button.
6. Close the Registry Editor and restart Windows 95.

If your AppleTalk network has names of zones, servers, volumes, folders or files that contain a sequence of characters that are the same as the quote sequence (i.e. [####] where # is a numeric digit), then the item will not be accessible. To access any item with this type of sequence, the characters that PC MACLAN uses to bracket the decimal ASCII value must be changed. To make this change perform the following:

----- From Regedit,

1. Open the HKEY_LOCAL_MACHINE key by double clicking on its folder
Continue opening the following keys:
SOFTWARE
Miramar Systems, Inc.
FileClient
2. In the right pane of the window you should see 3 values, two string values and a binary value. Double click on the string value called QuoteBracketChars.
3. In the Value Data field, change one or both characters to another legal Windows 95 character. (Do not use < > ? / \ | @ ` .)
4. Select the OK button.
5. Close the Registry Editor and restart Windows 95.

