

Chapter 20: Installing and Configuring the Windows AFS Client

In this chapter we describe how to install and configure the **Windows AFS Client** software on your Windows system (Win2K or NT4) in order to transfer files between a Windows desktop and AFS space.

20.1 Download and Install AFS Client

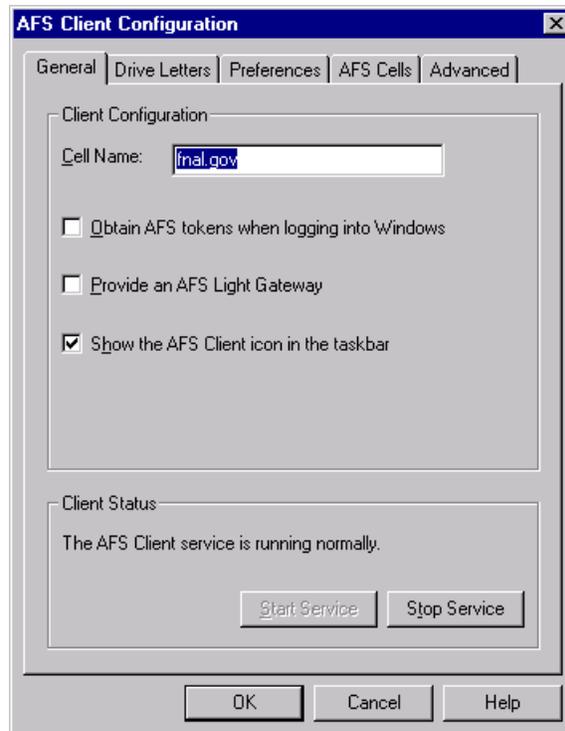
- 1) Verify that you have administrator privileges on your Windows machine.
- 2) In your **NETWORK NEIGHBORHOOD**, navigate to
\\PCKits\DesktopTools\PC_Tools\Apps\AFS 3.6.2.
- 3) Run the \\PCKits\DesktopTools\PC_Tools\Apps\AFS 3.6.2\Setup.exe program. Accept the license agreement and accept all the default settings. Before finishing, the InstallShield gives you an option to have it reboot your system. Click **No, I will restart my computer later**. Then click **FINISH**.

20.2 Reset your Path

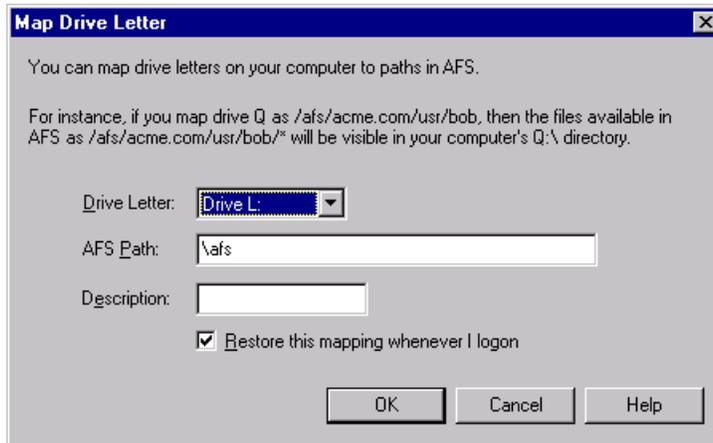
Next, you need to change your Windows NT path. Navigate to **START > SETTINGS > CONTROL PANEL > SYSTEM**. On the **SYSTEM PROPERTIES** window, bring up the **ENVIRONMENT** tab. This displays all the system variables, including `Path`. Scroll down to `Path` and select it. Notice that its value is displayed near the bottom of the window:

20.3 Configure AFS Client

- 1) After you log in again, you'll get a message stating that the AFS Client cannot be used because it is not yet configured. Click **OK**.
- 2) Go back to the **CONTROL PANEL**, and double-click on the **AFS CLIENT CONFIGURATION**. Select the **General** tab.



- 3) For the Cell Name, replace (unknown) with `fnal.gov`. Make sure Show the AFS Client icon in the taskbar is checked. Click **OK**.
- 4) A caution window pops up stating that The AFS client service is not running... and asks Do you want to start the service now? Click **YES**.
- 5) Next you will map one or more branches of AFS space to drive letters on your machine. Select the **Drive Letters** tab. Click **ADD...** to get to the **MAP DRIVE LETTER** window:



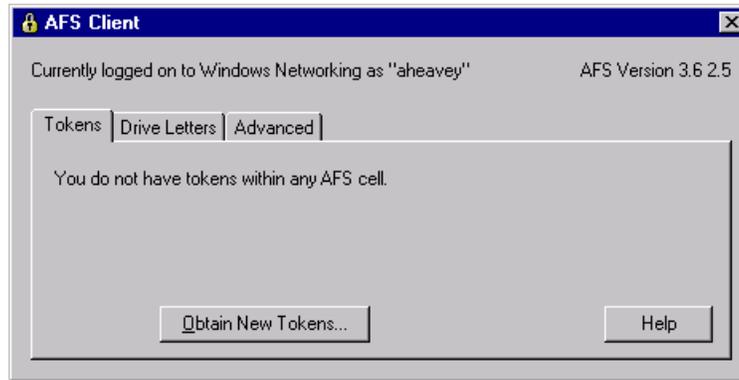
6) In the **DRIVE LETTER** box, the first unused letter is displayed. Choose any letter in the dropdown list. In **AFS PATH**, type in the directory in AFS space that you want to map to the drive (e.g., your home directory). Provide a short description; this will identify the drive on your **WINDOWS EXPLORER** or **MY COMPUTER** windows. If convenient, make sure **Restore this mapping whenever I logon** is checked. If you leave it unchecked, you'll need to map this volume manually each time you need it. Click **OK**.

7) Repeat the previous two steps for other AFS directories that you want to map.

You do not need to alter any information under the other tabs.

20.4 Authenticate to AFS and Use the AFS Client

Authenticate to AFS space either by clicking on the AFS icon (the lock symbol) on your task bar, or by navigating to **START > PROGRAMS > IBM AFS > CLIENT > AUTHENTICATION**. The icon on the task bar shows a red X when you have no token (🔒). This X disappears when you obtain a token (🔑). On the **AFS CLIENT** window, click **OBTAIN NEW TOKENS...**



You will be prompted for your AFS password. (Currently this method does not require Kerberos authentication.)

Now you're ready to copy/paste/edit files on the AFS volumes in the same manner as for other drives. In the **MY COMPUTER** image below, they appear as the drives G:, H:, I: and J:, labelled: <description> on 'Www-56964-afs' (<drive letter>:).

