ITS Technical Notes

Windows Enterprise Announcement

May 8, 2008 – Kerberos-4 demise – Two Configuration Tools Available

ITS has released two "Kerberos for Windows configuration packages" referred to in the April 21 announcement titled "Kerberos-4 Demise - Windows Implications" (http://tech.ait.iastate.edu/win2000/admin/Announce.2008.04.21.pdf). The main purpose of these programs is to enable you to turn "off" the Kerberos-5-to-4" credential conversion so you don't get errors after May 15 (when the Kerberos-4 authentication protocol is disabled). The programs available are:

krb4config.exe ("Toggle" mode)

> This version allows you to toggle the "Kerb-5-to-4" conversion "off" and back "on" as necessary. This may be needed if you discover (after turning the conversion "off") that there are still programs on your system using the old Kerberos-4 credentials (see announcement in the first paragraph above).

> ftp://ftp.iastate.edu/net/pc/win32/krb4config/krb4config.exe
> ftp://ftp.iastate.edu/net/pc/win32/krb4config/Readme.txt

krb4config.force.exe ("Force" mode)

> This program does what the name states - it silently "forces" the system to be in a "Kerberos-5-Only" state. This program can be run repeatedly with no ill effect, making it suitable for use as a Group Policy tool.

> ftp://ftp.iastate.edu/net/pc/win32/krb4config/krb4config.force.exe
> ftp://ftp.iastate.edu/net/pc/win32/krb4config/Readme.krb4config.force.txt

Both versions of the program check the version of the "autologon.dll" file found in ...\MIT\Kerberos\bin\autologon.dll and will update it if necessary. In order to update this DLL, any program that may be using it will automatically be shut down so the "file copy" will work. See the "Readme" files for both tools for more information.