

ITS Technical Notes

Windows Enterprise Announcement

May 9, 2008 – Infrastructure Changes the Week of May 12-16, 2008

During the week of May 12-16 several significant IT infrastructure changes will finally happen (they have been announced and discussed for quite some time – see below). In addition, some yearly processing and normal “Microsoft Updates” will occur.

Monday, May 12

The “Annual Network Cleanup” will occur in the morning. As per the announcement in the CCSG/WinAdmin/MacOSX mailing lists on May 8:

The annual network cleanup process is scheduled for May 12, beginning at 9 AM.

All DHCP address leases in the residence halls will expire but machines will get a new lease when the address ranges are shuffled.

In addition, there may be a few brief outages in NetReg, DHCP, and DNS service as the residence hall networks are reconfigured and restarted.

If you have questions, contact the Solution Center by phone at 515-294-4000, email at solution@iastate.edu, or in person at 195 Durham Center.

In addition, the campus WINS servers will have all residence hall and off-campus WINS entries removed (the systems will automatically re-register). On-campus WINS entries will be retained.

Tuesday, May 13

The ITS print-server will be upgraded as part of the “Kerberos-5-only” project from 06:00-7:30 AM. Printing will not be available via the print-server for a portion of that time.

LDAP “simple binds” to the Windows Domain Controllers (WINDC1-4) will be shut off at 8:00 AM. Windows domain-member systems will not be affected unless they are running very old (or non-Microsoft) applications that perform “LDAP simple binds” (which are “clear-text password authentication). Non-Windows systems with applications doing LDAP “simple binds” will also be affected.

Microsoft Updates for May will occur in the late-afternoon. Advance notice from Microsoft indicate Microsoft Word, Publisher, and the Jet Database all have critical updates. See <http://www.microsoft.com/technet/security/bulletin/ms08-may.msp>

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Thursday, May 15

The Kerberos-4 authentication protocol will be shut off at 7:00 AM. At that point any kerberized applications that are attempting to get Kerberos-4 credentials or convert Kerberos-5 credentials to Kerberos-4 credentials (call the “Kerberos-5-to-4” conversion) will begin to fail. All ITS services have been converted over the past year to use Kerberos-5 credentials. Now is the time when client systems using these kerberized services must use only Kerberos-5 credentials. If you still have questions, contact the Solution Center by phone at 515-294-4000, email at solution@iastate.edu, or in person at 195 Durham Center.

Two styles of the “Kerberos Configuration Tools” for Windows systems using “Kerberos for Windows” are available. “Krb4config.exe” (v2) and “Krb4config.force.exe” are needed to disable the “Kerberos-5-to-4” conversion that is happening and provide a “bug-fixed” version of the KfW “autologon.dll” library. For more information see:

<http://tech.ait.iastate.edu/win2000/admin/Announce.2008.05.08.doc>

On May 15 the stand-alone installer for KfW on www.sitelicensed.iastate.edu and the version of KfW built into the Scout 9.0 installer will be upgraded to not do the “Kerberos-5-to-4” conversion and include the “bug-fixed” version of the KfW “autologon.dll” library. New installations of Scout starting May 15 will not need to use the Krb4config tools. The version number of Scout will NOT be updated, so a Scout upgrade will not be triggered (and the version of new Scout installs will still be version 9.0). Again, existing installations should be sure and run one of the Krb4config tools.

Additional Info

For additional info see:

<http://tech.ait.iastate.edu/win2000/admin/Announce.11.29.07.doc>
<http://tech.ait.iastate.edu/win2000/admin/Announce.2008.04.03b.doc>
<http://tech.ait.iastate.edu/win2000/admin/Announce.2008.04.21.doc>
<http://tech.ait.iastate.edu/win2000/admin/Announce.2008.05.08.doc>

<http://tech.ait.iastate.edu/win2000/admin/UsingLDAPS.doc>

<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.08.10.07.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.10.12.07.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.11.09.07.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.12.14.07.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.2008.02.08.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.2008.03.14.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.2008.04.11.doc>
<http://tech.ait.iastate.edu/win2000/admin/WinAdmin.2008.05.09.doc>

[We’ve been trying to warn you!]