Kerberos for Windows (KfW)

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What is Kerberos for Windows?

Everything you need to use Kerberos on Windows

Development has been at Secure Endpoints

Was funded by MIT; now not funded

I am capturing the new-to-Kerberos experience
Outline

Where we are today
Directions for future work
Today

32 bit Windows

Per-user Windows-specific credential cache

Network Identity Manager (NIM) 1
NIM 1, continued

Configuration options

![Network Identity Manager Configuration](image)

**General options**
- Network Identity Manager
  - Appearance
  - Identities
  - Notifications
  - Plugins
  - Kerberos v5
    - Realms
    - Credential Cache
  - Kerberos v4
  - AFS

**Startup / Shutdown**
- Obtain new credentials at startup (if none are present)
- Destroy all credentials on exit

**Other**
- Run Network Identity Manager in system tray after window close
- Monitor network connectivity
- Log trace events to trace log at the following location:
  - C:\DOCUME~1\altman\LOCALS~1\Temp\nidmdbg.log
  - Show log

[Image of Network Identity Manager Configuration window]
Directions

Krb4 support removed
64 bits
Cross-platform credential cache (CCAPI) code
Network Identity Manager 2
Network Identity Manager 2

Multiple identity providers
For more information …

Kerberos tutorial
www.kerberos.org/software/tutorial.html

NIM 2 white paper
secure-endpoints.com/netidmgr/proposal-nim-multiple-id-nc-ux.pdf