

# Heimdal

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# Heimdal

- MKShim
- Heimdal 1.6

# Heimdal 1.5

- Release 20 sep 2011
- gss name/attributes
- Export more of hx509 for Samba 4
- Windows first tier platform

# Third party libraries

- Replaced libeditline with libedit
- libhcrypto and librfc3961 (krb5 crypto) now build for kernel

# heimbase

- Support for basic objects
- Retain/release model
- Maps to native object system

# Debug tracing

- Debugging tracing support
- Enabled by configuration file
- With optional backtraces where supported

# Heimdal 1.5.1

- Release 2 okt 2011
- Bug fixes
- Windows binaries thanks to Secure Endpoints

# MKShim

- Available on github, mostly complete
- Binary compat shim for MIT Kerberos with Heimdal implementing Kerberos and GSS
- Used in production for over one year now
- Most of the Kerberos API not used

# Thanks

- Jeffrey Altman, Asanka Herath, Luke Howard, Nico Williams, any many others have made Heimdal 1.5 release possible

# Heimdal 1.6

- PK-U2U - certificate based gss mech
- IAKERB - kerberos though application connection, useful for vpn or autodiscovery
- FAST - no more plaintext kerberos
- FAST also supports new preauth types

# Heimdal 1.6

- OTP-FAST support
  - Based on Linus Nordbergs work, HOTP and YubiKey token currently tested
- More debug tracing
- First code drop by spring 2012, contains what we managed to merge by then, OTP support might not be in by then

Thanks