

GSS-API Next Generation (kitten-wg) Vancouver, BC – IETF 70th

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Overview

- Introduction
- Blue Sheets
- Scribe, Jabber
- Remote Participation
- Agenda Bashing
- Active WG Items (30 – 60 minutes)
- Charter Items (10 minutes)
- Review and Milestones (10 minutes)
- NFS Update (5 minutes)

Active WG Items

- GSS-Domain
• IESG in Sep
draft-ietf-kitten-gssapi-domain-based-names
- KRB-Domain
• IESG in Sep
draft-ietf-kitten-krb5-gssapi-domain-based-names
- GSS-Channel
• WGLC in Oct
draft-ietf-kitten-gssapi-channel-bindings
- Mech-query
• IESG in Oct
draft-ietf-kitten-extended-mech-inquiry
- Pseudo-mech
• IESG in Nov
draft-ietf-kitten-stackable-pseudo-mechs
- Naming-ext
• WGLC in Nov
draft-ietf-kitten-gssapi-naming-exts
- Store-cred
• WGLC in Dec
draft-ietf-kitten-gssapi-store-cred
- Java-bind
• WGLC in Jan
draft-ietf-kitten-rfc2853bis

Active WG Items (Issues)

- draft-ietf-kitten-gssapi-domain-based-names
 - Issues in IESG
- draft-ietf-kitten-krb5-gssapi-domain-based-names
 - Issues in IESG
- draft-ietf-kitten-gssapi-store-cred
 - move forward with draft (pretty much ready)
- draft-ietf-kitten-rfc2853bis
 - updates submitted based on review

draft-ietf-kitten-gssapi-domain-based-names-04

- Resolves some DISCUSSEs:
 - Support for ACE-encoded I18N domain names (RFC3490)
 - Add support for non-ASCII I18N domain names
 - GSS_Import_name_utf8()
 - UTF-8 and ACE-encoded
 - GSS_Display_name_utf8()
 - only UTF-8 output
 - Service name will reference for now:
 - GSS-API RFC2741 (4.1: Host-Based Service Name Form)

draft-ietf-kitten-krb5-gssapi-domain-based-names-04

- Affected by decisions on draft-ietf-kitten-gssapi-domain-based-names
- Kerberos V core protocol is incomplete for I18N support
- Domain-based principals should use ACE-encoded I18N domain names (RFC3490)

draft-ietf-kitten-rfc2853bis-03

- Editor has submitted a new version
- includes a new appendix describing updates from RFC2853
- clarifications based on review comments

draft-ietf-kitten-gssapi-channel- bindings-02

- Needs to be aligned with updates to RFC5056
- Needs to be aligned with updates to TLS channel bindings I-D (draft-altman-tls-channel-bindings)

draft-ietf-kitten-stackable-pseudo- mechs-02

- Dropping work item/milestone for now
- Applications (ssh, SASL, etc.) know how to negotiate better than negotiating mechanisms

draft-ietf-kitten-extended-mech- inquiry-02

- Several TBDs (base OID, intro, and sec cons text)
- But closer than stackable pseudo-mechs I-D

draft-ietf-kitten-gssapi-naming-exts-02

- TBD: AD-AND-OR authorization data must be mapped to a single critical attribute
- TBD: Base OID for auth-data type
- TBD: How to handle negative auth-data types
- Need text on x-realm transit paths
- PKIX stuff: time to move out into separate doc, or leave that to later?

draft-ietf-kitten-gssapi-extensions-iana-01

- Lots of non-standard extensions (MIT has some, Sun has some, ...)
- We need a registry
- Needs initial contents (or can the registry be populated w/o initial contents being in an RFC?)

Charter Items

- Remove C# bindings work item from Charter
 - draft-ietf-kitten-gssapi-csharp-bindings
- Remove pseudo-mechs from Milestones
 - draft-ietf-kitten-stackable-pseudo-mechs
- Add IANA I-D to Milestones
 - draft-ietf-kitten-gssapi-extensions-iana
- Push Milestones back ...

Review and Milestones

GSS-Domain draft-ietf-kitten-gssapi-domain-based-names
WGLC in Dec (was Sept)

KRB-Domain draft-ietf-kitten-krb5-gssapi-domain-based-names
WGLC in Dec (was Sept)

GSS-Channel draft-ietf-kitten-gssapi-channel-bindings
WGLC in Jan (was Oct)

Mech-query draft-ietf-kitten-extended-mech-inquiry
IESG in Jan (was Oct)

Drop pseudo-mech draft-ietf-kitten-stackable-pseudo-mechs

Naming-ext draft-ietf-kitten-gssapi-naming-exts
WGLC in Feb (was Nov)

Store-cred draft-ietf-kitten-gssapi-store-cred
WGLC in Mar (was Dec)

Java-bind draft-ietf-kitten-rfc2853bis
WGLC in Apr (was Jan)

Add IANA Registry draft-ietf-kitten-gssapi-extensions-iana
WGLC in Apr

NFS Update

- Sam Hartman