

# GSS-API Next Generation (kitten-wg) Chicago, IL – IETF 69th

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# Overview

- Introduction
- New Co-Chairs Announcement
- Blue Sheets
- Scribe, Jabber
- Remote Participation
- Agenda Bashing
- Active WG Items (30 – 60 minutes)
- Future Work Items (30 – 40 minutes)
- Review and Milestones (10 minutes)

# Active WG Items

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

# 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 comments

# draft-ietf-kitten-gssapi-domain-based-names-03

- DISCUSSES:
  - Domain based names syntax in ABNF?
  - Clarify: GSS service names, not port names
  - Fix examples (RFC2606)
  - I18N
    - What's a domainname slot, what's not?
      - If domain and/or hostname are, then IDNA
      - Else UTF-8
        - Deal w/ GSS\_Import/Display\_name() I18N

# IDNA or UTF8?

- Domain name and/or host name slots could use IDNA (ACE)
  - Harder for apps, perhaps?
  - Harder for mechs?
- Service name is ASCII only

# draft-ietf-kitten-krb5-gssapi-domain-based-names-03

- Affected by decisions on draft-ietf-kitten-gssapi-domain-based-names
  - NOTE: can't do I18N here w/o Kerberos I18N



# draft-ietf-kitten-rfc2853bis-05

- Editor will add appendix A, which lists the changes since RFC 2853

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

- Needs to be aligned with updates to draft-williams-on-channel-bindings
- Needs to be aligned with updates to TLS channel bindings I-Ds

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

- Lots of work needed
- Consumers?
  - Pseudo-mechs make up for app protocol shortcomings. But are app protocols easier to extend/fix?

# 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 review of registration form, procedure
- Needs review of initial prefix registrations
- Needs initial contents (or can the registry be populated w/o initial contents being in an RFC?)

# Future Work Items

- Need editor and reviewers for the C#-bindings draft
- Need document/editor for C-bindings draft
- Alias list discussions
  - Mechanisms? (re-charter?)
  - draft-josefsson-password-auth-00
  - GSS-API application context handles
  - PKU2U
  - Sundry extensions

# draft-josefsson-password-auth-00

- Interest in future work with password based GSS-API mechanism?
- If so should we recharter?



# Review and Milestones

Do the goals and milestones look reasonable?