GSS-API Next Generation (kitten-wg)  
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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 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
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)
• Dropping work item/milestone for now
• Applications (ssh, SASL, etc.) know how to negotiate better than negotiating mechanisms
Several TBDs (base OID, intro, and sec cons text)
But closer than stackable pseudo-mechs I-D
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?
• 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