GSS-API Next Generation (kitten-wg)
Hiroshima, Japan – IETF 76

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Overview

- Introduction
- Blue Sheets
- Scribe, Jabber
- Remote Participation
- Agenda Discussion
- Active WG Items (20 min)
- Future WG Items (30 min)
- Charter Items (10 min)
- Review and Milestones (10 min)
Active WG Items

- IANA-reg  draft-ietf-kitten-gssapi-extensions-iana
- Mech-query  draft-ietf-kitten-extended-mech-inquiry (RFC 5587)
- Naming-ext  draft-ietf-kitten-gssapi-naming-exts
- Java-bind  draft-ietf-kitten-rfc2853bis (RFC 5653)
- Delegate  draft-lha-gssapi-delegate-policy
draft-ietf-kitten-gssapi-extensions-iana-06

• Registry will be created during IANA review (RFC publishing)
• State: Expert Review
• AD: Asked for feedback from IANA
draft-ietf-kitten-extended-mech-inquiry-07

• Published as RFC 5587!
draft-ietf-kitten-gssapi-naming-exts-04

• Editor has feedback from implementor(s)
  • Will incorporate any changes
draft-ietf-kitten-rfc2853bis-05

- Published as RFC 5653!
Non-WG Item

- draft-lha-gssapi-delegate-policy-04
  - Will populate registry during IANA-registration I-D publication
  - I-D state: AD evaluation
  - AD: Send to IETF LC
Future WG Items

- Published draft-yu-kitten-api-wishlist-00
  - Captures new requirements from IETF 75 and subsequent mailing list discussions
    - initialization/new credentials
    - listing/iterating credentials
    - exporting/importing credentials
    - error message reporting
    - asynchronous calls
    - security strength reporting
    - programmer friendliness
Future WG Items (cont.)

- Asynchronous calls
  - Event based
  - Looping
    - inefficient

- Error message reporting
  - Minor and major status codes
    - Not helpful with specific configuration issues
  - PGSSAPI suggested (passing opaque to minor_status)
    - However, solution is controversial

- Security strength indication
  - Better enforcement of security policy
Future WG Items (cont.)

- Programmer Friendliness
  - GSS-APIs have too many arguments
    - Applications sometimes use incorrect values
    - Default values most of the time are sufficient
- Asked for volunteers to flesh out details
- Still waiting ...
Charter Items

- Push Milestones back ...
- Add new Milestones if real interest from the WG
- Still need to remove C# binding work item
Review and Proposed Milestones

WGLC (which would begin in the first week of the month)

• draft-ietf-kitten-gssapi-naming-exts: December 2009?
In closing...

• Open mic: questions/comments?