Common Authentication Technology Next Generation (kitten)
Orlando, FL – IETF 86

Sam Hartman (hartmans-ietf@mit.edu)
Shawn Emery (shawn.emery@oracle.com)
Josh Howlett (josh.howlett@ja.net)
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Overview

• Preliminaries (5 min)
  • Introduction
  • Blue Sheets
  • Scribe, Jabber
  • Remote Participation
  • Agenda Comments
• Kitten and Krb-wg Merger
• Active WG Items (15 min)
• SASL-OAuth Updates (15 min)
• Kerberos Registry to IANA (15 min)
• New Drafts Proposed (30 min)
• Open mic (5 min)
• GSS-Profiles (15 min; time permitting)
Kitten and Krb-wg Merger

- New charter has been approved
- The Krb-wg list has been migrated to kitten
- Are there other tools related issues to be aware of with the move?
Active WG Items

- IANA-reg (draft-ietf-kitten-gssapi-extensions-iana)
- SASL-SAML-EC (draft-ietf-kitten-sasl-saml-ec)
- KDC Model (draft-ietf-krb-wg-kdc-model)
- PKINIT Hash Agility (draft-ietf-krb-wg-pkinit-alg-agility)
- Kerberos Referrals (draft-ietf-krb-wg-kerberos-referrals)
- Kerberos Options for DHCPv6 (draft-sakane-dhc-dhcpv6-kdc-option)
- Camellia Encryption for Kerberos 5 (draft-ietf-krb-wg-camellia-cts)
draft-ietf-kitten-gssapi-extensions-iana

• Leif had reviewed and comments on 07
  • Do changes warrant another WGLC?
  • Any other reviewers before we send to IESG?
draft-ietf-kitten-sasl-saml-ec

• 06 had been submitted
  • Simplified session key schema
  • Random-to-key moved to end-points
  • Advertisement of session key and enc type by acceptor
draft-ietf-krb-wg-kdc-model

- RFC Ed Queue
draft-ietf-krb-wg-pkinit-alg-agility

- A few updates needed
  - RFC 3766 and RFC 6194 should be informative
  - Error code 82 conflict should be reassigned
    - Deployed code but impact unlikely
draft-ietf-krb-wg-kerberos-referrals

- Now RFC 6806!
- Thanks to all
draft-sakane-dhc-dhcppv6-kdc-option

- Now RFC 6784!
- Thanks to all
draft-ietf-krb-wg-camellia-cts

- Now RFC 6803!
- Thanks to all
Jeffrey Hutzelman had comments during WGLC
  The mechanism is not purporting actual security properties
  Rev 10 was submitted to address some of these issues
  Looking for feedback on this update

Same issues with:
  SASL-SAML (RFC 6595)
  SASL-OpenID (RFC 6616)
  Do we address these security problems with errata?
draft-ietf-kitten-kerberos-iana-registries (15 min)

• Revision 01
  • Specifies registry fields
  • Outstanding issues
    – Registry for application tag numbers?
      • draft-williams-kitten-krb5-extra-rt defines new PDUs but is not a complete module
    – Do transited encoding types need a registry?
New Drafts (30 min)

- Proposed drafts as WG items
  - draft-williams-kitten-channel-bound-flag
    - Outstanding issues?
  - draft-williams-kitten-krb5-extra-rt
  - draft-williams-kitten-krb5-rcache-avoidance
  - draft-yu-kitten-kerberos-kdc-does-aliases
- Consensus to adopt?
Open mic (5 min)

- Any comments/questions?
GSS-Profile (15 min; time permitting)

- draft-williams-gss-profiles