68th IETF

Kerberos Working Group
Session II
Kerberos Working Group
Introduction


- Mailing List: ietf-krb-wg@anl.gov
  - To Subscribe: majordomo@anl.gov
    - In Body: subscribe ietf-krb-wg your_email_address

- Issue Tracking: https://rt.psg.com/
Kerberos Working Group
Meeting Participation

Audio:
- http://videolab.uoregon.edu/events/ietf/ietf687.m3u
- http://streaming.uoregon.edu:8000/ietf687.mp3

Jabber:
- krb-wg@jabber.ietf.org

Materials:
- https://datatracker.ietf.org/public/meeting_materials.cgi?meeting_num=68

Please Use The Mic!
Kerberos Working Group
Agenda - Tuesday

- Preliminaries (5 min)
- Session I Summary (10 min)
- Charter Items (90 min)
- Review and Milestones (10 min)
Kerberos Working Group
Session I Summary - Existing Work

- PKINIT ECC
  - Passed WG Last Call
  - IPR Issues still to be discussed

- TCP Extensions
  - IETF Last Call through the end of March

- Naming
  - WG Last Call through April 6
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Session I Summary - Existing Work

☐ Set/Change Password
   ○ Passed WG Last Call; waiting for PROTO writeup
   ○ Posted copy is corrupt; Nico will update

☐ Referrals
   ○ Ken is still working on some issues; will post to list.

☐ Extensions
   ○ New revision, but not all updates are present.
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Session I Summary - Charter Items

☐ IAKERB
  ◦ Some support, no opposition
  ◦ Some people wanted more information before deciding.
  ◦ Discussion deferred to the mailing list.

☐ Admin Protocol
  ◦ Some support, but also some opposition.
  ◦ Concern that it is too late to be useful.
  ◦ More discussion on the list.
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Charter Items

- Cross-Realm Problems
  - draft-sakane-krb-cross-problem-statement-01.txt

- Preauth Framework
  - draft-ietf-krb-wg-preauth-framework-05.txt
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Charter Items

☐ Hardware Preauth
  ○ draft-ietf-krb-wg-hw-auth-04.txt

☐ One-Time Passwords
  ○ draft-richards-otp-kerberos-01.txt

☐ TLS to KDC
  ○ draft-josefsson-kerberos5-starttls-02.txt
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Related Work

- Kerberos for HTTP
  - RFC 4559
- RC4 HMAC Enctype
  - RFC 4757
- Domain-Based Principal Names
  - RFC 4402
- PKU2U
  - draft-zhu-pku2u-01.txt
- KEYPROOV WG
  - Key Provisioning Protocol
  - Thursday, 1300, Athens/Barcelona/Berlin