IETF 34: Authenticated Firewall Traversal

Agenda:

- Promotion of ...socks-protocol-v5
  and username-password

- SASL vs ...gss-api

- Implementors forum

Promotion of ...socks-protocol-v5

- Passed WG LAST call relatively unscathed

- AD has reviewed and passed on to IESG
  for review and IETF LAST call.

- Minor editorial change suggested by Jeff-
clarification of packet formats. Done.

SASL vs ...gss-api...

- SASL specifies a general framework for existing protocols to incorporate authentication technologies Implementing would require complete re-write of base socks-protocol draft (and corresponding implementation)

- Existing GSS-API draft is very specific to SOCKS protocol, but doesn't specify specific mechanism (in keeping with the spirit of GSS-API) Implementations currently exist that are compliant with this draft.

- Existing work meets the goals of the WG charter, and has undergone non-trivial amounts of review within the WG.

Implementations

- NEC implementation: Dual-mode server, GSS-API
- BNR implementation: Single-mode server, no GSS-API (yet)
- ICL implementation: BNR-based with GSS-API added on.