SIP Working Group IETF 71

chaired by Keith Drage, Dean Willis

I see that Dale and Aki are discussing this draft.

- Do we need agenda time in Philadelphia for further discussion?
- Or are we really ready for publication?
Note Well

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Agenda as Revised

Status/Agenda Bash 15
Requirements for Media Security: Dan Wing 15
DTLS Framework Response to Requirements: Eric Rescorla 15
UA Initiated Privacy: Mayumi Munakata 15
X.509 Certificates for TLS: Vijay Gurbani 15
X.509 Extended Key Usage: Vijay Gurbani 15
Request URI and Parameters to UA by Proxy: Christer Holmberg 30
Identity Requirements for E.164 and SBCs: John Elwell 30
Probability of Agenda Success

• About like the probability of this guy (photographed Sunday in McKinney, Texas) surviving the rest of the summer.
• Please be succinct and get the major points in first.
SIP WG status - Documents published since IETF #70 (1)

- RFC 5079 [previously - draft-ietf-sip-acr-code-05 (Proposed standard)] – congratulations for another one Jonathan
SIP WG status - Documents in RFC editor’s queue (2)

- draft-ietf-sip-gruu-15 (Proposed standard)
  - Currently in state: In RFC Editor’s Queue – MISSREF (waiting for draft-ietf-sip-outbound).

- draft-ietf-sip-consent-framework-04 (Proposed standard)
  - Currently in state: In RFC Editor’s Queue – MISSREF (waiting for draft-ietf-sipping-uri-services, draft-ietf-sipping-consent-format, draft-ietf-sipping-pending-additions)
SIP WG status - Documents with IESG (7)

- draft-ietf-sip-answermode-06 (Proposed standard)
- draft-ietf-sip-ice-option-tag-02 (Proposed standard)
- draft-ietf-sip-certs-05 (Proposed standard)
- draft-ietf-sip-multiple-refer-03 (Proposed standard)
- draft-ietf-sip-uri-list-message-03 (Proposed standard)
- draft-ietf-sip-uri-list-conferencing-02 (Proposed standard)
- draft-ietf-sip-uri-list-subscribe-02 (Proposed standard)
SIP WG status – Ready for publication request (7)

- draft-ietf-sip-fork-loop-fix-06 (Proposed standard)
  - Keith Drage is document shepherd
  - Agreed at IETF#69 that will incorporate draft-sparks-sipping-max-breadth-01
  - Token currently with PROTO shepherd

- draft-ietf-sip-session-policy-framework-02
  - Candidate: Proposed standard
  - SIPPING WG review initiated 4th August 2006 to complete 25th August 2006
  - Keith Drage is PROTO document shepherd
  - Token currently with Editor to resolve open issue (see slide)
  - Milestone for submission to IESG September 2007

- draft-ietf-sip-connect-reuse-09
  - Candidate: Proposed standard
  - Milestone to IESG August 2007
  - Has some dependency on draft-ietf-sip-domain-cert-00.txt and draft-ietf-sip-eku-00.txt
  - Keith Drage is PROTO document shepherd
  - Token currently with PROTO shepherd

- draft-ietf-sip-sips-08
  - Candidate: Proposed standard
  - WGLC initiated 29th June 2007 to complete 16th July 2007
  - Dean Willis is PROTO document shepherd
  - Token currently with PROTO shepherd.
  - Milestone for submission to IESG September 2007

- draft-ietf-sip-subnot-etags-02
  - Candidate: proposed standard
  - September 2007 -- Extension for use of etags in conditional notification to WGLC
  - WGLC announced 4th September 2007 to complete 18th September 2007
  - Token: Editor to resolve last issues (see slide)
  - Dean Willis is PROTO document shepherd
  - December 2007 -- Extension for use in etags in conditional notification to IESG (PS)

- draft-ietf-sip-rph-new-namespaces-02
  - Candidate: Proposed standard
  - WGLC announced 31st October 2007 to complete 14th November 2007
  - Keith Drage is PROTO document shepherd
  - Milestone for submission to IESG October 2007
  - Waiting for editor to submit revision based on post last call comment

- draft-ietf-sip-sipfffors-05
  - Candidate: Informational
  - WGLC announced 15th October 2007 to complete 29th October 2007
  - Keith Drage is PROTO document shepherd
  - Milestone for submission to IESG December 2007
  - Token currently with PROTO shepherd
SIP WG status – in WGLC (5)

- **draft-ietf-sip-location-conveyance-10**
  - Candidate: Proposed standard
  - Milestone for submission to IESG is July 2007
  - WGLC initiated 4th March 2007 to complete 2nd April 2007. WGLC also issued in GEOPRIV WG
  - Keith Drage is PROTO document shepherd

- **draft-ietf-sip-outbound-12**
  - Candidate: Proposed standard
  - Milestone for WGLC is March 2007
  - WGLC initiated 9th July 2007 to complete 6th August 2007
  - Milestone for sending to IESG is June 2007
  - Dean Willis is PROTO document shepherd

- **draft-ietf-sip-domain-certs-00**
  - Candidate: Informational
  - WGLC initiated 22nd February 2008 to complete 7th March 2008
  - Keith Drage is PROTO document shepherd
  - Milestone for submission to IESG January 2008

- **draft-ietf-sip-eku-01**
  - Candidate: Proposed standard
  - WGLC initiated 22nd February 2008 to complete 7th March 2008
  - Keith Drage is PROTO document shepherd
  - Milestone for submission to IESG January 2008

- **draft-ietf-sip-xcapevent-01**
  - Candidate: proposed standard
  - WGLC initiated 10th March 2008 to complete 31st March 2008 (with draft-ietf-simple-xcap-diff-08)
  - Milestone for submission to IESG December 2007
SIP WG status – other WG documents (9 + 2 essential)

- draft-ietf-sip-hop-limit-diagnostics (This work appears to be dead, and the chairs are going to ask for removal of the milestones)
- draft-ietf-sip-sec-flows-01
- draft-ietf-sip-saml-03
- draft-ietf-sip-record-route-fix-02
- draft-ietf-sip-body-handling-01
- draft-ietf-sip-media-security-requirements-03
- draft-ietf-sip-dtls-srtp-framework-01
- draft-ietf-sip-ua-privacy-01
- draft-rosenberg-sip-ua-loose-route-02
- draft-ietf-sip-ipv6-abnf-fix-00 (essential correction)
- draft-sparks-sip-invfix-01 (essential correction)
Problem?

- RFC 3261 specifies the Authentication-Info header for User-to-User authentication
  - A UAS can include this header in a 2xx response following successful digest authentication
  - Allows a UA to authenticate the UAS; enables mutual authentication
- No such behavior specified for Proxy-to-User authentication
  - A UA cannot authenticate a challenging proxy

Proposal?

- Extend 3261 to allow for consistent behavior across User-to-User and Proxy-to-User authentication
- Specify the Proxy-Authentication-Info header
  - Similar to the Authentication-Info header
  - Proxy can include it in its 2xx response during digest authentication
Open Issue

- The session policy framework specifies SUBSCRIBE/NOTIFY and the session policy package as the policy channel protocol.
- In some environments (e.g., wireless networks) it can be useful to allow other policy channel protocols.
- Requires that proxies and UAs can agree on a policy channel protocol.

Alternatives:

- A1: no change. Only allow the use of the policy package.
- A2: enable domains to add alternative policy server URIs (e.g., a HTTP URI) as parameters to a Policy-Contact header.
  - UA can choose to use the alternative URI if supported.
  - The policy package remains default policy channel protocol.
draft-ietf-sipping-199-04

- Referred from SIPPING to SIP for action
- Chairs to work with ADs to charter
- Object now or never
draft-ietf-sip-outbound-12

- Reached agreement on Keep-alive parameter text to be added:
  - A UAC can also use the presence of an 'ob' parameter in the Path header in a registration response as an indication that its first edge proxy supports the keepalives defined in this document.

- Flow-timer parameter, in or out?

- draft-sip-outbound-13 to be ready within a week of IETF for WGLC, including all corrections (including editorials)
One minor issue noted on “version”
Author to add explanatory paragraph eliminating ambiguity.
Rolls in draft-burger-sip-info-02
Explains issues with INFO
Defines INFO package framework and procedure for registering INFO packages via RFC
Open question:
  - Adopt this and standardize INFO
  - Publish Burger draft and ban INFO
Impact of draft-peterson-geopriv-retransmission-00.txt

We expect a set of requirements relating to “routeing handling” from the GEOPRIV WG representing consensus of that WG on this issue

If and when we receive those requirements the editor’s of draft-ietf-sip-location-conveyance will change our document

If there is informational material in the above draft that people consider would be usefully represented in draft-ietf-sip-location-conveyance, then make a comment against the document to the SIP WG list in the normal manner