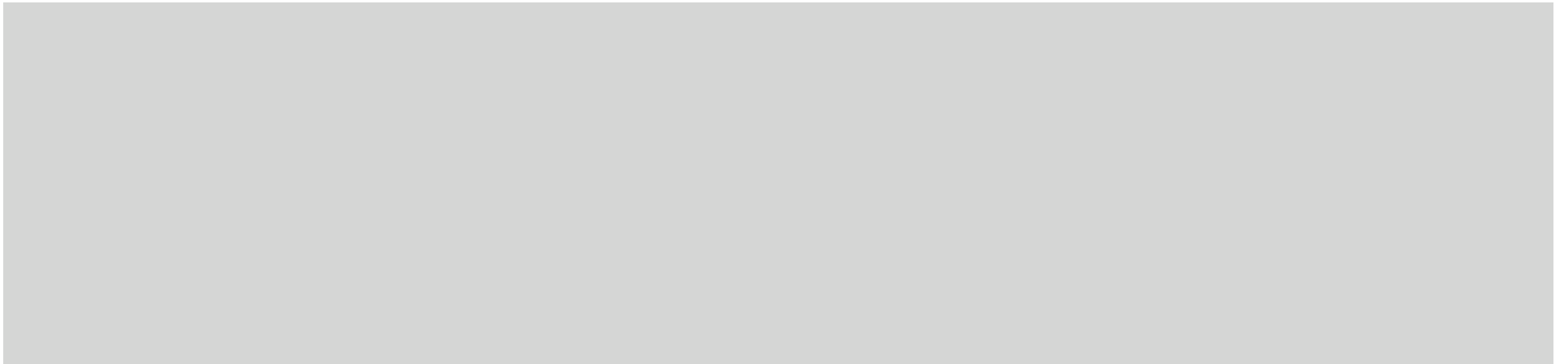# SIP working group status

Keith Drage, Dean Willis

Documents published since IETF #67

♣none

Documents in RFC editor's queue

- ♣ draft-ietf-sip-mib-12 (PS) (currently reached AUTH48) – token with authors
- ♣ draft-ietf-sip-connected-identity-05 (PS) - token with RFC editor

Documents with IESG

- ♣ draft-ietf-sip-e2m-sec-05 (Proposed standard)
  - Dean Willis is document shepherd
  - Open issue with error responses NOT proving responder has private key. Possible DOS attack? Does new -05 resolve this.
  - Waiting on AD
- ♣ draft-ietf-sip-multiple-refer-01 (Proposed standard)
  - Keith Drage is document shepherd
  - Currently in publication requested – external party, waiting on publication request for draft-ietf-sip-consent-framework
- ♣ draft-ietf-sip-uri-list-message-01 (Proposed standard)
  - Keith Drage is document shepherd
  - Currently in publication requested – external party, waiting on publication request for draft-ietf-sip-consent-framework
- ♣ draft-ietf-sip-uri-list-conferencing-01 (Proposed standard)
  - Keith Drage is document shepherd
  - Currently in publication requested – external party, waiting on publication request for draft-ietf-sip-consent-framework
- ♣ draft-ietf-sip-uri-list-subscribe-01 (Proposed standard)
  - Keith Drage is document shepherd
  - Currently in publication requested – external party, waiting on publication request for draft-ietf-sip-consent-framework
- ♣ draft-ietf-sip-acr-code-04
  - Publication requested
  - Dean Willis is document shepherd
  - Currently in publication requested

Documents finished in the WG, awaiting submission to IESG

♣ draft-ietf-sip-answermode-02 (Proposed standard)

♣ draft-ietf-sip-certs-03 (Proposed standard)

♣ draft-ietf-sip-gruu-12 (Proposed standard)

♣ draft-ietf-sip-fork-loop-fix-04 (Proposed standard)

♣ draft-ietf-sip-consent-framework-01 (Proposed standard)

Status: draft-ietf-sip-answermode-02

♣Candidate: Proposed standard

♣Keith Drage is document shepherd

♣Draft PROTO writeup provided to authors, identifying some changes to the specification. New draft provided in -02

♣Token currently with document shepherd to check and request publication

Status: draft-ietf-sip-certs-03

♣Candidate: Proposed standard

♣Milestone for submitting to IESG is November 2006

♣WGLC initiated 4th October 2006 to complete 19th October 2006

♣WG accepted as "done" at IETF 67

♣Dean Willis is document shepherd

♣Issues noted in Types and Events reviews, probably nothing controversial but draft rev required

Status: draft-ietf-sip-gruu-12

♣ Candidate: Proposed standard

♣ WGLC initiated 13th January 2004, and refreshed 5th July 2004, and 26th October 2005

♣ Milestone to IESG September 2006

♣ Broken out the "cookie processing" work to separate charter item

♣ Was waiting for author to provide new version with last comment integrated – then ready for submission to IESG – however author has now requested agenda time so will wait until after IETF#68

♣ Keith Drage is document shepherd

Status: draft-ietf-sip-fork-loop-fix-04

- Candidate: Proposed standard
- Milestone for submission to IESG October 2006
- WGLC initiated 10th April 2006 to complete 7th May 2006
- Updates RFC 3261 – will publish and at a later date roll into essential changes
- PROTO writeup drafted and identified minor issues that require revision – provided – authors to resubmit -05 and the request publication
- Keith Drage is document shepherd

Status: draft-ietf-sip-consent-framework-01

♣ Candidate: Proposed standard

♣ Milestone for submission to IESG October 2006

♣ WGLC initiated 25th September 2006 to complete 17th October 2006

♣ WGLC on draft-ietf-sipping-pending-additions, draft-ietf-sipping-consent-format and draft-ietf-sip-consent-framework is coordinated

♣ In absence of further comments after IETF#67 is now complete

♣ Keith Drage is document shepherd

♣ Token with document shepherd to produce PROTO writeup – a new version will be required for minor issues

♣ Intent is that there will be two packages in IESG, the three documents above, followed by the uri-list documents plus draft-ietf-sipping-capacity-attribute (note this document is intended PS, not INFO)

Documents in working group last call

♣ draft-ietf-sip-connect-reuse-07

♣ draft-ietf-sip-location-conveyance-07

Status: draft-ietf-sip-connect-reuse-07

♣ Candidate: Proposed standard

♣ Milestone to IESG April 2007

♣ WGLC began 26th October 2005

♣ Has some form of dependency on
  – draft-gurbani-sip-domain-certs-03

♣ Alternate proposal: draft-rosenberg-sip-outbound-discovery-mid-dialog-00

♣ Currently WG chairs and authors evaluating what we need in the roadmap here

♣ Direction forward?

Status: draft-ietf-sip-location-conveyance-07

♣ Candidate: Proposed standard

♣ Milestone for WGLC is September 2006

♣ Milestone for submission to IESG is December 2006

♣ Issue of whether location by reference is a legitimate mechanism under discussion in GEOPRIV group

   – draft-marshall-geopriv-lbyr-requirements-01

♣ See also:

   – draft-polk-geopriv-location-based-error-registry-00

♣ Review team assembled: Authors, WG chairs, Shida Schubert, Joszef Varga, Henning Schulzrinne, Richard Barnes, Hannes Tschofenig

♣ WGLC initiated 4th March 2007 to complete 2nd April 2007. WGLC also issued in GEOPRIV WG

Documents still in discussion in working group

- draft-ietf-sip-outbound-08
- draft-ietf-sip-hop-limit-diagnostics-03
- draft-ietf-sip-sec-flows-02
- draft-ietf-sip-saml-00
- draft-ietf-sip-hitchhikers-guide-02
- draft-ietf-sip-session-policy-framework-01
- draft-ietf-sip-xcap-config-00
- draft-audet-sip-sips-02
- draft-rosenberg-sip-ua-loose-route-00
- draft-niemi-sip-subnot-etags-03
- draft-ietf-sip-ice-option-tag-01

Status: draft-ietf-sip-outbound-08

♣ Candidate: Proposed standard
♣ Milestone for WGLC is August 2006
♣ Milestone for sending to IESG is September 2006
♣ Identifying review team to supplement WGLC. Review team so far: Authors, WG chairs, Jonathan Rosenberg, Fredrick Thulin, Kevin Johns, Christer Holmberg, AC Mahendran, Alan Hawrylyshen, Byron Campen, Derek McDonald, EKR, Nils Ohlmeier – Francois Audet asked
♣ Dean Willis will be PROTO shepherd
♣ Open issue: how keepalive for TCP works (STUN vs others)
♣ See also:
  – draft-petithuguenin-sip-outbound-fragmentation-02
  – draft-rosenberg-sip-outbound-discovery-mid-dialog-00
  – draft-johns-sip-outbound-middialog-draft-02
  – draft-rosenberg-sip-route-construct-02
  – draft-koivusalo-sip-outbound-discovery-02 – expired (agreed to be later work in IETF#66)

Status: draft-ietf-sip-hop-limit-diagnostics-03

♣ Candidate: Proposed standard

♣ Milestone for WGLC is August 2006

♣ Milestone for submission to IESG is October 2006

♣ Scope of charter item is more general than hop limit diagnostics

♣ Key issue is size of response when it has to traverse UDP transports. Editor has procedures for reducing size of response body – does this render the mechanism of limited use if this occurs.

♣ Issue has resulted in generation of:
  – draft-gurbani-sip-large-udp-response-00
  – draft-petithuguenin-sip-fragmentation-responses-02

♣ Should document go forward as is?

♣ Draft expired and removed from drafts directory – where next – Authors polled

Status: draft-ietf-sip-sec-flows-01

♣Candidate: Informational

♣Milestone for WGLC is September 2006

♣Milestone for submission to IESG is December 2006

♣To a certain extent dependent on resolution of ideas in (and therefore waiting on them):

- draft-ietf-sip-sips-02
- draft-gurbani-sip-domain-certs-04

Status: draft-ietf-sip-saml-01

♣ Candidate: Proposed standard

♣ Milestone for WGLC is September 2007

♣ Milestone for submission to IESG is December 2007

Status: draft-ietf-sip-hitchhikers-guide-02

♣Candidate: Informational

♣Milestone for WGLC December 2006

♣Milestone for submission to IESG March 2007

♣See also: draft-sinnreich-sip-tools-01

Status: draft-ietf-sip-session-policy-framework-01

♣ Candidate: Proposed standard

♣ Milestone for WGLC January 2007

♣ Milestone for submission to IESG March 2007

♣ SIPPING WG review initiated 4th August 2006 to complete 25th August 2006

♣ Transferred from SIPPING group because contains elements RFC 3427 says must be done by SIP

♣ Related documents in SIPPING:
  – draft-ietf-sipping-policy-package-03
  – draft-ietf-sipping-media-policy-dataset-03

♣ Current agreement is to WGLC all documents together

Status: draft-ietf-sip-xcap-config-00

♣ Candidate: proposed standard
♣ Milestone for WGLC October 2006
♣ Milestone for submission to IESG December 2006
♣ Document transferred from SIPPING because of potential need for new response code
♣ Related documents in SIPPING
  – draft-ietf-sipping-config-framework-11
  – draft-petrie-sipping-identity-dataset-01
  – draft-petrie-sipping-profile-datasets-04
  – draft-petrie-sipping-sip-dataset-02
  – draft-petrie-sipping-voip-features-dataset-01
♣ See also draft-petrie-sip-event-param-err-00.txt
♣ Waiting on SIPPING rewrite of draft-ietf-sipping-config-framework
♣ OMA liaison – possible interaction with draft-ietf-simple-xcap-diff and draft-urpalainen-sip-xcap-diff-event-01

Status: draft-audet-sip-sips-02

♣ Candidate: Informational

♣ Milestone for WGLC March 2007

♣ Milestone for submission to IESG June 2007

♣ This was agreed to be a working group document at IETF #67

♣ The document is INFORMATIONAL. It does not update RFC 3261. It will describe two things:

  – If we use SIP security mechanisms as defined now, this is what you will get.

  – It will examine the options for improvement, from which the WG can make informed decisions about changes necessary. These changes will not appear in this document, but will be the subject of other documents, and we will need to recharter to add milestones when we do this.

♣ Any proposed changes can be

  – BCP (i.e. the current rules in RFC 3261 are best used – should only be used - in the following manner to achieve a desired result), or

  – standards track (updates RFC 3261) to change the rules or make new normative statements about security, or to include new mechanisms.

♣ Discuss issues from Annex A in Prague to decide where next in charter

♣ Otherwise document ready for WGLC?

Status: draft-rosenberg-sip-ua-loose-route-00

♣Agreed as WG item (subject to AD) at IETF#67

♣Candidate: proposed standard

♣December 2007: Delivering request-URI and parameters to UAS via proxy to WGLC

♣February 2008: Delivering request-URI and parameters to UAS via proxy to IESG (PS)

♣Author to submit sip-00 version when blackout ends

Status: draft-niemi-sip-subnot-etags-03

♣ Agreed as WG item (subject to AD) at IETF#67

♣ Candidate: proposed standard

♣ September 2007 -- Extension for use of etags in conditional notification to WGLC

♣ December 2007 -- Extension for use in etags in conditional notification to IESG (PS)

♣ Author to submit sip-00 version when blackout ends

Status: draft-ietf-sip-ice-option-tag-01

♣ Candidate: proposed standard

♣ Dec 2006 Signaling support for ICE to WGLC (PS)

♣ Jan 2007 Signaling support for ICE to IESG (PS)

♣ Waiting on WGLC to be coordinated with draft-ietf-mmusic-ice-14 in MMUSIC WG

Other WG work

♣Essential corrections

♣Identify requirements for test matrix to move SIP to Draft Standard

Status: Essential corrections

♣Robert Sparks to be lead editor

♣Process in draft-drage-sip-essential-correction-01

♣IETF#68 to be used to construct list of important fixes

♣Will roll in RFC 3420 and draft-ietf-sip-fork-loop-fix in first published version of RFC 3261 update

Status: Identify requirements for test matrix to move SIP to Draft Standard

- ♣ Milestone Jun 2007
- ♣ Robert Sparks coordinating input

Documents from other WG

♣Draft-ietf-rohc-sigcomp-sip-05
- – Document will be WGLC in SIP as well as ROHC – done
- – Expert review from SIP expert (Adam Roach – done)
- – Publication requested

Author drafts

♣ The following slides list drafts from authors.

♣ If there is interest in the others, please identify to list, and express support – say this is useful, not useful, or just plain wrong

♣ Divided into

- Bugfixes (documents which may fall into the criteria identified in draft-drage-sip-essential-correction-01)
- SIP extensions (which need to be SIP charter items due to RFC 3427)
- Security (all SIP security issues are normally dealt with in the SIP WG, even if INFORMATIONAL)

Author drafts - bugfixes

♣ draft-froment-sip-record-route-fix-00 (updates RFC 3261?, or is it just a BCP?)

♣ draft-gurbani-sip-large-udp-response-00 (updates RFC 3261)

♣ draft-munakata-sip-privacy-clarified-00 (updates RFC 3323?, defines new privacy values)

♣ draft-ietf-sipping-race-examples-01 (has RFC 2119 language against RFC 3261 behaviour)

Author drafts - extensions

- ♣ draft-sinha-sip-block-01 (defines new response code)
- ♣ draft-boulton-sip-control-framework-05 (defines new option tag and new SIP header field)
- ♣ draft-johns-sip-outbound-middialog-draft-02 (extends existing outbound work)
- ♣ draft-lee-sip-dns-sd-uri-00
- ♣ draft-mahy-sip-remote-cc-05 (defines new option tag and new URI parameter)
- ♣ draft-petithuguenin-sip-fragmentation-responses-02 (defines new header field, new response code, and new header field parameters)
- ♣ draft-petithuguenin-sip-outbound-fragmentation-02 (extends STUN – does this belong with BEHAVE WG?)
- ♣ draft-petrie-sip-event-param-err-00 (defines new response code and new header field – may be part of config framework chartered work)
- ♣ draft-polk-sip-rph-new-namespaces-00 (defines new resource priority namespaces)
- ♣ draft-rbhatia-anycast-sip-proxy-discovery-00
- ♣ draft-rosenberg-sip-outbound-discovery-mid-dialog (defines new header field, new option tag, new URI parameter)
- ♣ draft-rosenberg-sip-route-construct-02 (defines new option tag and new header field parameter)
- ♣ draft-urpalainen-sip-xcap-diff-event-01 (defines new event package, may interrelate with config framework work)
- ♣ draft-hewett-sipping-cal-00 (defines new header field, new option tag and new response code)
- ♣ draft-hilt-sipping-overload-01 (defines new header field – requirements in draft-ietf-sipping-overload-reqs-00)
- ♣ draft-jennings-sipping-pay-05 (defines new header field, new option tags, new response codes)
- ♣ draft-jung-sipping-authentication-spit-00 (defines new response code)
- ♣ draft-rajesh-sipping-303-01 (defines new response code)
- ♣ draft-rajesh-sipping-605-01 (defines new response code)
- ♣ draft-roach-sipping-callcomp-bfcp-00 (defines new option tag - howver also defines BFCP extensions which need to go to XCON WG)
- ♣ draft-schubert-sipping-header-integrity-reqs-00 (defines new option tag – however also defines SDP extensions which need to go to MMUSIC WG)
- ♣ draft-stucker-sipping-early-media-indirection-00 (defines new option tag)
- ♣ draft-vakil-sipping-notify-pause-00 (defines new header field paramter – extends RFC 3265)

Author drafts - security

♣ draft-dotson-sip-certificate-auth-02 (requirements document)

♣ draft-dotson-sip-certificate-auth-sol-00 (solution for above)

♣ draft-fries-sip-identity-usage-bcp-01 (proposed BCP for our identity RFCs)

♣ draft-gurbani-sip-domain-certs-04

♣ draft-jennings-sip-dtls-03 (currently being addressed in RAI WG – modifies URI parameter)

♣ draft-greco-sipping-roaming-00

♣ draft-schubert-sipping-header-integrity-reqs-00

♣ draft-tschofenig-sipping-spit-policy-00

♣ draft-wing-sipping-srtp-key-00

Author drafts – not sure

♣draft-barnes-sip-em-ps-req-sol-00 (requirements draft probably best dealt with by SIPPING WG)

♣draft-dondeti-oma-sip-sdp-attrs-00 (believe this is a MMUSIC issue)

♣draft-sinnreich-sip-tools-01 (is this part of the hitchhiker's guide work)

♣draft-worley-sip-dialog-03 (in scope of SIPPING?)

♣draft-worley-sip-gruu-implement-02 (in scope of SIPPING or incorporate in draft-ietf-sip-gruu? – anything left?)