ANIMA WG Meeting

IETF 109 Online
November 20, 2020
Version 2
IETF Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF’s patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

• BCP 9 (Internet Standards Process)
• BCP 25 (Working Group processes)
• BCP 25 (Anti-Harassment Procedures)
• BCP 54 (Code of Conduct)
• BCP 78 (Copyright)
• BCP 79 (Patents, Participation)
• https://www.ietf.org/privacy-policy/(Privacy Policy)
Welcome to ANIMA

• Chairs
  – Sheng Jiang jiangsheng@huawei.com
  – Toerless Eckert tte@cs.fau.de (Futurewei USA)

• Note Well

• Blue sheets
  – There are no manual blue sheets anymore, automatically tracked by MeetEcho

• Jabber Scribe:
  – xmpp:anima@ietf.jabber.org

• Minute taker (codiMD):

• Slides:
  – https://datatracker.ietf.org/meeting/109/session/anima

• Stream:
  – https://meetings.conf.meetecho.com/ietf109/?group=anima&short=&item=1
WG Documents

• WG docs on their way out: RFC-Editor Cluster C325 all drafts in EDIT since Nov. 3 2020 (ca. 600 pages)
  – draft-ietf-anima-grasp-15
  – draft-ietf-anima-prefix-management-07
  – draft-ietf-anima-reference-model-10
  – draft-ietf-anima-bootstrapping-keyinfra-45 (from -41 @IETF108 – reminder: need to release *A*)
  – draft-ietf-anima-autonomic-control-plane-30 (from -28 @IETF108)
    – Also contains RFC8610 (CDDL) because it refers to GRASP as an example, and RFC8618 (C-DNS) which refers to CDDL
    – Catching up:
      – draft-ietf-anima-grasp-api-08 (from -06 @IETF108, informational)
        – On agenda of 2020-12-03 IESG telechat Has enough positions to pass. Will go into C325.
        – Written update info from authors (see next slide)
  • WG docs on their way in:
    – draft-ietf-anima-asa-guidelines-00 (from individual draft -09, adopted by WG 11/14/2020)
      – Shepherd assigned: Toerless Eckert, -00 pending further shepherd feedback fixes, otherwise doc far advanced.
    – draft-vanderstok-anima-constrained-join-proxy-04 (from -03 @IETF108)
      – In adoption call, pls. provide feedback

• draft-ietf-anima-brski-async-enroll-00
  – Newly adopted after IETF107. update in this meeting
• draft-ietf-anima-constrained-voucher-09 (from -08 @IETF108)
  – Design team formed after IETF108, update in this meeting
• draft-ietf-anima-grasp-distribution-01 (from -00 @IETF108)
  – Adopted before IETF107
    Since IETF108: Merged some essential content of draft-carpenter-anima-grasp-bulk-05
This version reflects the IETF Last Call reviews received. There are quite a lot of changes, mainly clarifications or extra explanation. Two of them are minor technical changes, marked *** below for the WG’s attention:

* Clarified trust model
* Added explanations of GRASP objectives and sessions
* Added note about non-idempotent messages
* Added overview of API functions, and annotated each function with a brief description
* Added protocol diagram for negotiation session
* Clarified (absence of) authorization model
  *** Changed precise semantics of synchronize() for flooded objectives
* Clarified caching of flooded objectives
  *** Changed 'age_limit' to 'minimum_TTL'
* Improved security considerations, including DOS precautions
* Annotated error codes to indicate which functions generate which errors
* Other clarifications from Last Call reviews
Non-WG Documents

  - Pending for adoption call (ran out of time before IETF108)

  - To be discussed during this meeting

  - No updates received since IETF108 ?!

- Others of interest / quick updates ?
Other Business

• OPS area AD working towards new ‘IOTOPS’ WG
  – If you are interested -> join iotops@ietf.org mailing list
  – Good adjacency to ANIMA ?!
  – Charter TBD, lifecycle management, etc...
    • Use-cases, arch, recommendations MUD, BR SKI related... !?
    • Worry: constraining spec work to ‘IOT’ when it should be (I)OT+IT (universal)

• RTGWG
  – Discussion about ‘automation’ support protocol
  – Would be great to see actual proposals for ASA (protocols) such as those mentioned in PAP draft
    • Ideally of course using GRASP (which can be used equal or better than alternatives even without full ANI)
Tooling Reminder

• For newcomers to anima:
• GitHub organization used for ANIMA (for several years now)
• Collaborative work and issue tracking can be done
• For WG and non-WG (not-yet-WG) documents
• Members (chairs and others) can add members for for collab / project / doc creation
• https://github.com/anima-wg
Slot 1: **Chair Slides** - scribes, minutes, etc., 10 Min: Presenters Chairs - Sheng / Toerless
10 min

Slot 2: **ACP into RFC Editor queue**, Presenter: Toerless Eckert

Slot 3: **BRSKI-44/45 LC-prime summary of activity around rename**, Presenter: Michael Richardson

Slot 4: **Constrained-Voucher --- overview of changes from design team**, Presenter: Michael Richardson, Peter van der Stok

Slot 5: **BRSKI-AE – Support for asynchronous enrollment**, Presenter: ? (Michael Richardson)
10 min: Draft: [draft-ietf-anima-brski-async-enroll-00](https://tools.ietf.org/html/draft-ietf-anima-brski-async-enroll-00)

Slot 6: **BRSKI-cloud use case/applicability**, Presenter: Michael Richardson, Owen Friel

Slot 7: **leftover time** if any..(JWS-signed-JSON, open mike...)