

# ANIMA WG Meeting – Chair Slides

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IETF 112 Online

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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.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

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](mailto:jiangsheng@huawei.com)
  - Toerless Eckert [tte@cs.fau.de](mailto:tte@cs.fau.de) (Futurewei USA)
- Note Well
- Blue sheets
  - There are no manual blue sheets anymore, automatically tracked by MeetEcho
- No Jabber because of everyone being online (same as meetecho chat):
  - <xmpp:anima@jabber.ietf.org>
- Minute taker (codiMD):
  - <https://codimd.ietf.org/notes-ietf-112-anima>
- Slides:
  - <https://datatracker.ietf.org/meeting/112/session/anima>
- Stream:
  - <https://meetings.conf.meetecho.com/ietf112/?group=anima&short=&item=1>

# Reminder: (Early) IPR Disclosure Process

We follow process put in place in other groups as a result of very late IPR disclosures

This is not a required IETF process

## Includes

Polling of draft authors & contributors:

1. Prior to moving to next step in WG process
  - a. Before an individual draft becomes a WG document and
  - b. Before a WG document goes to last call
2. Requires IPR compliance statement from *all* listed in draft

## New Step:

Request that an IPR statement be sent to the list by any new author or contributor when added to a WG document

# Third party advertisement (it is this time of year again)

## What NomCom needs from IETF community

### Please respond to recent Call for Community Feedback

## Provide Feedback by November 23

Please provide feedback on nominees via:

<https://datatracker.ietf.org/nomcom/2021/feedback/>

It is also possible to provide feedback not specific to any given nominee ("Topics" in the feedback page)

- Scope: Only that which could be useful for NomCom 2021 to fulfill its job

Help us reflect the community!

All this is subject to NomCom confidentiality (only seen by the NomCom 2021 members)

- Not a venue for public discussion



Making the Internet work better

# ANIMA ~~Marketing~~ / Explanation

## Autonomic Networking Gets Serious

by Michael Behringer, independent;  
Carsten Bormann, Universität Bremen TZI;  
Brian E. Carpenter, The University of Auckland;  
Toerless Eckert, Futurewei;  
Jéferson Campos Nobre, UFRGS;  
Sheng Jiang, Huawei Technologies;  
Yizhou Li, Huawei Technologies; and  
Michael C. Richardson, Sandelman Software Works Inc.

Overview of ANIMA process, solution,  
example, desired next steps

15 page article in:

The Internet Protocol Journal

Vol 24. No. 3, October 2021

<https://ipj.dreamhosters.com/wp-content/uploads/2021/10/243-ipj.pdf>

In May 2021, six *Request For Comments* (RFCs) about autonomic networking were published [5–10] as a result of the work of the *Autonomic Networking Integrated Model and Approach* (ANIMA) working group of the *Internet Engineering Task Force* (IETF). These RFCs complete the initial charter of that working group, which was started in late 2014 (see [11] for a summary of its inception); however, the first documents to be discussed in the IETF and *Internet Research Task Force* (IRTF) were posted in 2012<sup>[13]</sup>. This foundation now allows the industry to build IETF-standardized network solutions for an *Autonomic Networking Infrastructure* (ANI) into every network device.

# ANIMA now has 8 RFC - Errata

- Especially if you are reading/implementing ... and discover problems
- Ask ANIMA mailing list
- Check RFC errata: <https://www.rfc-editor.org/errata.php>
- If appropriate consider filing RFC errata
- Already Errata filed in 2021 against 3 RFC:
  - <https://datatracker.ietf.org/wg/anima/documents/>

# WG Documents

- [draft-ietf-anima-asa-guidelines-02](#) (from -01 at IETF111)
  - No Slot/Slides
  - Finished WGLC week before IETF112 without further negative comments
  - Finished WG last call Shepherd (Toerless) requested publication from IESG (today)
- [draft-ietf-anima-brski-cloud-02](#) (from -00 at IETF111)
  - no slot / slides
  - Authors incorporated IEF111 feedback and added security consideration. Think it is ready for WGLC
  - assign Shepherd -> WGLC
- [draft-ietf-anima-constrained-join-proxy-05](#) (from -02 at IETF111)
  - Slot.
  - WGLC finished. Early IoTdir review.
  - If posted -05 resolves all issues raised, Shepherd will do writep, push to AD/IETF/IESG



# WG Documents

- [draft-ietf-anima-brski-async-enroll-04](#) (BRSKI-AE) – (from -03 at IETF111)
  - Slot
  - Restructuring ongoing.
  - [Draft-ietf-anima-brski-prm-00](#) – BRSKI with Pledge in Responder Mode (BRSKI-PRM)
    - One protocol part/use-case split off from BRSKI-AE
    - Immediately accepted as WG document because this is just restructuring (within WG approved scope of BRSKI-AE work)
    - Process validated with Russ Housley (same ‘modularization’ used in LAMPS documents recently)
- [Draft-ietf-anima-constrained-voucher-14](#) (from -13 at IETF110)
  - Slot.
- [Draft-ietf-anima-jws-voucher-01](#) (from -00 at IETF111)
  - Slot
- [Draft-ietf-anima-grasp-distribution-03](#) (unchanged from IETF111)
  - No update ?! Stalled ? Ask for more reviews ?!
- [Draft-ietf-anima-voucher-delegation-01](#) (unchanged from IETF111)
  - No update ?! Stalled ? Ask for more reviews ?

# (Mutual) doc reviews (WG documents)

- Authors: please track reviews in acknowledgement section
  - Be in top that documents get enough reviews in WG.  
Do not wait for ‘last call’ – this will just delay last-call.
  - Your document getting review cycles from other IETF/WG participants should encourage you to reciprocate.
  - Several options to get more reviews:
    - Ask explicitly other experts / other-doc authors (better than just mailing list).
    - Discuss with ANIMA WG chairs as needed!
    - Informal:
      - E.g.: which other adjacent WG could have experts to draw reviews from  
Consider going to other WG present the work, ask for feedback (or on WG mailing list)  
If not successful, ANIMA WG chairs happy to ask adjacent WG chairs for help
      - Awareness by other WGs important to avoid possible conflict in later IETF review.
  - Formal request ‘Early reviews’
    - Has to be requested in data tracker by ANIMA WG chair. Talk to us.
    - Formal languages (YANG doctors), Directorates (e.g.: IoT), Areas (especially SEC)
    - Best to already have an idea of candidate best reviewers (as possible)

# Shepherding

- Next level beyond individual review to support other authors work
  - See reciprocity. Ideally every document has a shepherd
  - WG chairs as Shepherds is just a fallback solution
  - Main additional work: checking doc formal aspects, WG-last-call shepherd writeup, tracking/involving in IETF/IESG last call process.
  - Does not have to be technical expert on topic (would be great though), it is also about shepherding the process, supporting the WG/chairs.
- **Please consider signing up as Shepherd**

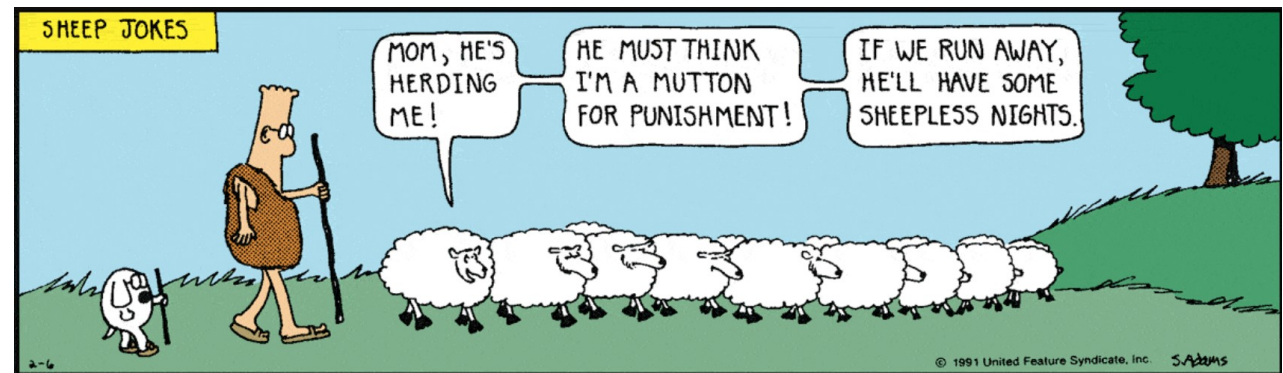
[draft-ietf-anima-brski-cloud](#)

[draft-ietf-anima-brski-prm](#)

[draft-ietf-anima-constrained-voucher](#)

[draft-ietf-anima-jws-voucher](#)

[draft-ietf-anima-voucher-delegation](#)



# Never enough time for technical discussions ?

- Sorry, IETF has a lot of processes.
  - Spending a bit of time 3 times a year on them is cost of business
- Design-Teams, Interims are the new WORKing group meeting
  - Online, meetecho makes it easy and painless
- Please just ask on WG mailing list (or chairs if unsure)
  - Given reasonable interest, WG chairs happy to set up interim
- Most active work in ANIMA self-organized even without chair help:

# BRSKI Design team

Open to any contributors from ANIMA (and of course other WGs):

Title: BRSKI design team (resend)

**New When: Weekly from 09:30 to 10:30 on Thursday Eastern Time - Toronto**

Where: <https://whereby.com/sandelman>

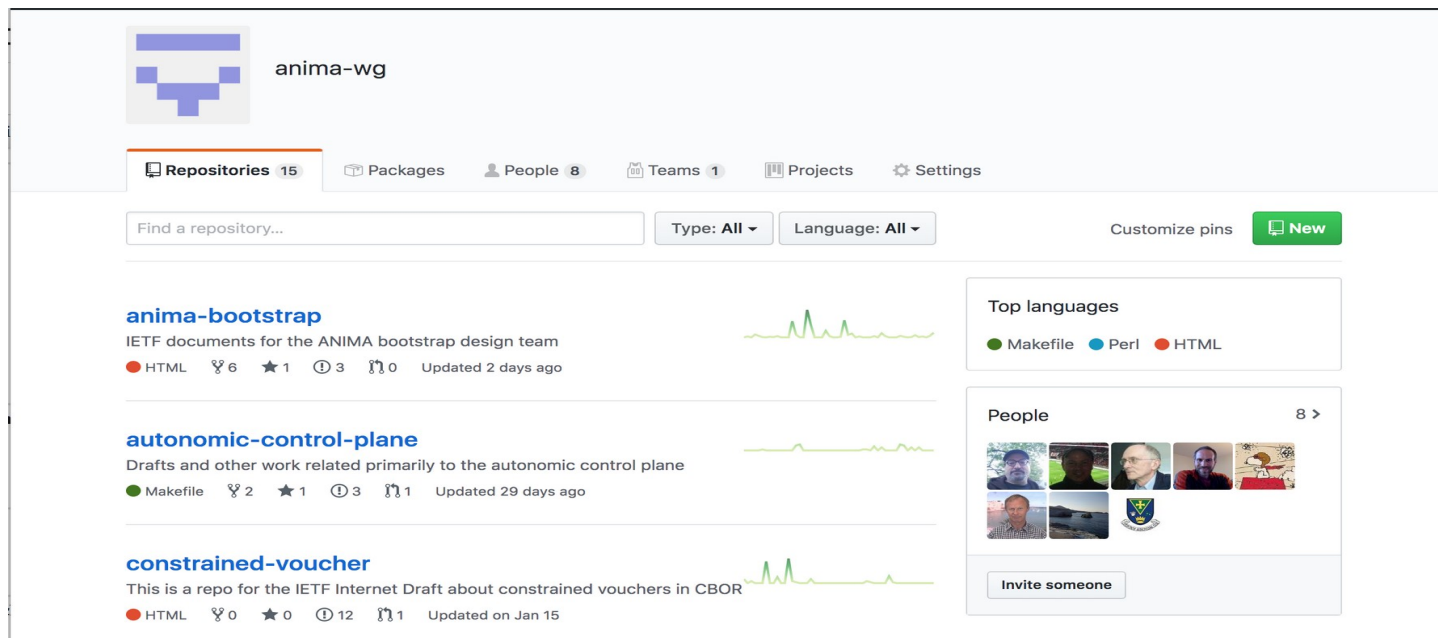
Calendar: [anima@ietf.org](mailto:anima@ietf.org)

Regular participants:

- \* [mcharlesr@gmail.com](mailto:mcharlesr@gmail.com) - organizer
- \* [consultancy@vanderstok.org](mailto:consultancy@vanderstok.org)
- \* [hendrik.brockhaus@siemens.com](mailto:hendrik.brockhaus@siemens.com)
- \* Eliot Lear (elear)
- \* Schellenbaum Aurelio Ruben Dario (scnm)
- \* [steffen.fries@siemens.com](mailto:steffen.fries@siemens.com)
- \* [thomas-werner@siemens.com](mailto:thomas-werner@siemens.com)
- \* [pkampana@cisco.com](mailto:pkampana@cisco.com)
- \* [esko.dijk@iotconsultancy.nl](mailto:esko.dijk@iotconsultancy.nl)

# 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>



The screenshot shows the GitHub organization page for 'anima-wg'. The organization's profile picture is a blue and white pixelated logo. The navigation bar includes 'Repositories 15', 'Packages', 'People 8', 'Teams 1', 'Projects', and 'Settings'. Below the navigation bar is a search bar with the placeholder text 'Find a repository...', a 'Type: All' dropdown, a 'Language: All' dropdown, a 'Customize pins' link, and a green 'New' button. The main content area displays three repositories:

- anima-bootstrap**: IETF documents for the ANIMA bootstrap design team. Language: HTML. 6 forks, 1 star, 3 issues, 0 pull requests. Updated 2 days ago.
- autonomic-control-plane**: Drafts and other work related primarily to the autonomic control plane. Language: Makefile. 2 forks, 1 star, 3 issues, 1 pull request. Updated 29 days ago.
- constrained-voucher**: This is a repo for the IETF Internet Draft about constrained vouchers in CBOR. Language: HTML. 0 forks, 0 stars, 12 issues, 1 pull request. Updated on Jan 15.

On the right side, there is a 'Top languages' section showing 'Makefile', 'Perl', and 'HTML'. Below that is a 'People' section with 8 members and an 'Invite someone' button.