IETF-104 (Prague)
ANIMA WG Meeting
(Autonomic Networking Integrated Model and Approach)

Tuesday (March 27\textsuperscript{th}, 2019)
2-hour session
13:50-15:50, Meeting 1, Afternoon session I

Last update: March. 25\textsuperscript{th}, 2019

ANIMA WG
Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Before begin the meeting

- Hope you noted the Note Well
- Blue sheets
- Need Jabber scribe(s)
- Need minutes takers

- Remote participation
  - https://www.ietf.org/meeting/104/remote-participation.html
- Slides
  - https://datatracker.ietf.org/meeting/104/materials.html#anima

ANIMA WG
Before begin the meeting

- Mailing List:
  - anima@irtf.org
  - https://www.irtf.org/mailman/listinfo/aniam

- WG co-chairs:
  - Sheng Jiang
  - Toerless Eckert

- WG web page:
  - https://datatracker.ietf.org/wg/anima
Meeting Agenda

• Tuesday (March 26th, 2019) 2-hour session:
  13:50-15:50, Meeting 1, Afternoon session I

1. WG Dash - 5 min
   13:50 - 13:55, by co-chairs

2. WG Document Update (10 min)
   2a. Autonomic Control Plane - 10min
       13:55 - 14:05, by Toerless Eckert, draft-ietf-anima-autonomic-control-plane

3. Potential New Charter Unscrambling - 30 min
   14:05 - 14:35, by co-chairs

4. Information Distribution in Autonomic Networking - 10 min
   14:35 - 14:45, by Xun Xiao and Artur Hecker,
   draft-liu-anima-grasp-distribution

ANIMA WG
Meeting Agenda (Cont.)

5. BRSKI Relevant work Discussion - 52 min 14:45 - 15:37
   5a. Bootstrapping Remote Secure Key Infrastructures (BRSKI) - 10min
       by Michael Richardson, draft-ietf-anima-bootstrapping-keyinfra
   5b. Constrained Voucher Artifacts for Bootstrapping Protocols - 5 min
       by Michael Richardson, draft-ietf-anima-constrained-voucher
   5c. Constrained Join Proxy for Bootstrapping Protocols - 7 min
       by Peter van der Stok, draft-vanderstok-anima-constrained-join-proxy
   5d. BRSKI enrollment of with disconnected Registrars – smarkaklink - 7 min
       by Michael Richardson, draft-richardson-anima-smarkaklink
   5e. Support of asynchronous enrollment in BRSKI, - 7 min
       by Steffen Fries, draft-fries-brski-async-enroll
   5f. bootstrapping Key Infrastructure over EAP, - 4 min
       BRSKI over IEEE 802.11, - 4 min
       by Eliot Lear, draft-lear-eap-teap-brski, draft-friel-anima-brski-over-802dot11
   5g: discussion & chairs wrapping-up - 8 min

6. Scenarios and Requirements for Layer 2 Autonomic Control Planes - 10 min
   15:37 - 15:47, by Bing Liu (remote), draft-carpenter-anima-l2ACP-scenarios

7. Summary& ANIMA future activities - 3 min
   15:47 - 15:50, by co-chairs

ANIMA WG
WG Milestone Status

• RFCs from ANIMA WG
  – draft-ietf-anima-voucher
    Published as RFC 8366 in May 2018
  – draft-ietf-anima-stable-connectivity
    Published as RFC 8368 in May 2018

• WG Documents (in procedure for publication)
  – draft-ietf-anima-gdn-protocol
    Miss Ref (ACP & CDDL/CBOR) since July 2017
  – draft-ietf-anima-prefix-management
    Miss Ref (ACP, CDDL/CBOR, BOOTSTRAP & GRASP)
    since Dec 2017
  – draft-ietf-anima-reference-model 08
    Miss Ref (ACP, CDDL/CBOR) since Nov 2018
WG Milestone Status (2)

- WG Documents still with WG
  - [draft-ietf-anima-autonomic-control-plane](https://datatracker.ietf.org/doc/draft-ietf-anima-autonomic-control-plane/) 18
    Submitted to IESG for publication Jan 2018
    IESG Evaluation, Defer::AD Followup; 3 DISCUSS
  - [draft-ietf-bootstrapping-keyinfra](https://datatracker.ietf.org/doc/draft-ietf-bootstrapping-keyinfra/) 16
    Submitted to IESG for publication in Aug 2018
    Waiting for AD Writeup
  - [draft-ietf-anima-grasp-api](https://datatracker.ietf.org/doc/draft-ietf-anima-grasp-api/) _02
    Adopted in Dec 2017
  - [draft-ietf-anima-constrained-voucher](https://datatracker.ietf.org/doc/draft-ietf-anima-constrained-voucher/) _02
    Adopted in May 2018
ANIMA WG Info

• More discussion will be taken into ANIMA mail list (anima@ietf.org)

• Chairs can be reached by anima-chairs@ietf.org

• Next meeting
  – 105th IETF, Mar. 22-26, 2019, Montreal, Canada
  – Interim meeting may be arranged

• Proposals without IPRs may be favored over proposals with IPRs by the WG
Reading List

• Background
  – RFC7575, Autonomic Networking: Definitions and Design Goals
  – RFC7576, General Gap Analysis for Autonomic Networking

• RFCs from ANIMA WG
  – RFC 8366 A Voucher Artifact for Bootstrapping Protocols
  – RFC 8368 Using an Autonomic Control Plane for Stable Connectivity of Network Operations, Administration, and Maintenance (OAM)

• WG Documents
  – draft-ietf-anima-reference-model
  – draft-ietf-anima-grasp
  – draft-ietf-anima-prefix-management
  – draft-ietf-anima-autonomic-control-plane
  – draft-ietf-anima-bootstrapping-keyinfra
  – draft-ietf-anima-constrained-voucher
  – draft-ietf-anima-grasp-api