



# IETF-106 (Singapore) ANIMA WG Meeting (Autonomic Networking Integrated Model and Approach)

17:10-18:40 Tuesday Afternoon Session III, Sophia

15:20-16:50 Tuesday Afternoon session II, Hullet

Last update: November. 18<sup>th</sup>, 2019



# Note Well

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# 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/106/remote-participation.html>
- Slides
  - <https://datatracker.ietf.org/meeting/106/materials.html#anima>

# Before begin the meeting

- Mailing List:
  - [anima@irtf.org](mailto: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 (November 19<sup>th</sup>, 2019) 1.5-hour session:  
17:10-18:40 Tuesday Afternoon Session III, Sophia
  1. WG Dash - 5 min  
17:10 - 17:15, by co-chairs
  2. WG Document Update (25 min)
    - 2a. Autonomic Control Plane - 15min  
17:15 - 17:30, by Toerless Eckert, [draft-ietf-anima-autonomic-control-plane](#)
    - 2b. GRASP API - 10min  
17:30 - 17:40, by Brian Carpenter, [draft-ietf-anima-grasp-api](#)
  3. New Chartering Unscrambling- 10 min  
17:40 - 17:50, by co-chairs
  4. Information Distribution in Autonomic Networking - 10 min  
17:50 - 18:00, by Artur Hecker, [draft-liu-anima-grasp-distribution](#)
  5. ASA environment & Anima ecosystem - 20 min  
18:00 - 18:20, by Brian Carpenter, [draft-carpenter-anima-asa-guidelines](#)
  6. Introduce of ETSI ZSM on closed loops - 10 min  
18:20 - 18:30, By Laurent Ciavaglia
  7. Layer 2 Autonomic Control Planes - 10 min  
18:30 - 18:40, by Brian Carpenter, [draft-carpenter-anima-l2acp-scenarios](#)

# Meeting Agenda (Cont.)

- Wednesday (November 20<sup>th</sup>, 2019) 1.5-hour session:  
15:20-16:50 Tuesday Afternoon session II, Hullet
  1. WG Dash - 5 min  
15:20 - 15:25, by co-chairs
  2. WG Document Update (20 min)
    - 2a. Bootstrapping Remote Secure Key Infrastructures (BRSKI) - 10min  
15:25 - 15:35, by Michael Richardson, [draft-ietf-anima-bootstrapping-keyinfra](#)
    - 2b. Constrained Voucher Artifacts for Bootstrapping Protocols - 10 min  
15:35 - 15:45, by Michael Richardson, [draft-ietf-anima-constrained-voucher](#)
  3. BRSKI Cloud Registrar - 15 mins  
15:45 - 16:00, by Owen Friel / Michael Richardson, [draft-friel-anima-brski-cloud](#)
  4. BRSKI-AE Updates - 15 min  
16:00 - 16:15, by Steffen Fries, [draft-fries-brski-async-enroll](#)
  5. ACME Integrations with BRSKI - 15 min  
16:15 - 16:30, by Owen Friel, [draft-friel-acme-integrations](#)
  6. Delegated Voucher - 15 min  
16:30 - 16:45, by Michael Richardson
  7. Summary & ANIMA future activities - 5 min  
16:45 - 16:50, by co-chairs

# 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\\_21](#)  
Submitted to IESG for publication Jan 2018  
IESG Evaluation, Defer::AD Followup; 1 DISCUSS
  - [draft-ietf-bootstrapping-keyinfra\\_30](#)  
Submitted to IESG for publication in Aug 2018  
IESG Evaluation, AD Followup; 2 DISCUSS
  - [draft-ietf-anima-grasp-api\\_04](#)  
Adopted in Dec 2017
  - [draft-ietf-anima-constrained-voucher\\_05](#)  
Adopted in May 2018



# ANIMA WG Info

- More discussion will be taken into ANIMA mail list ([anima@ietf.org](mailto:anima@ietf.org))
- Chairs can be reached by [anima-chairs@ietf.org](mailto:anima-chairs@ietf.org)
- Next meeting
  - 107<sup>th</sup> IETF, Mar. 21-27, 2019, Vancouver, 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