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. 18th, 2019

ANIMA WG
Note Well

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ANIMA WG
Before begin the meeting

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

• Remote participation

• Slides
  – https://datatracker.ietf.org/meeting/106/materials.html#anima
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 (November 19th, 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

ANIMA WG
Meeting Agenda (Cont.)

• Wednesday (November 20th, 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

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 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)

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

• Next meeting
  – 107th 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