IETF-105 (Montreal)
ANIMA WG Meeting
(Autonomic Networking Integrated Model and Approach)

Tuesday (July 23rd, 2019)
Two sessions (120 + 90 minutes)

10:00-12:00 Tuesday Morning Session I, Duluth
13:50-15:50 Tuesday Afternoon Session I, Centre Ville

Last update: Jul. 20th, 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
  – https://www.ietf.org/meeting/105/remote-participation.html

• Slides
  – https://datatracker.ietf.org/meeting/105/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 (I)

10:00-12:00, Tuesday Morning Session I, Duluth

1. WG Dash - 5 min
   10:00 - 10:05, by co-chairs

2. WG Document Update (10 min)
   2a. Autonomic Control Plane - 10 min
       10:05 - 10:15, by Toerless Eckert, draft-ietf-anima-autonomic-control-plane
   b. GRASP API - 10 min
       10:15 – 10:25, by Brian Carpenter, draft-ietf-anima-grasp-api

3. Re-chartering Progress Report - 15 min
   10:25 - 10:40, by co-chairs
Meeting Agenda (II)

4. Autonomic setup of fog monitoring agents - 15 min
   11:30 – 11:45, Carlos J. Bernardos,
   draft-bernardos-anima-fog-monitoring

5. Information Distribution in Autonomic Networking - 15 min
   10:40 - 10:55, by Bing Liu, draft-liu-anima-grasp-distribution

6. Guidelines for Autonomic Service Agents & Transferring Bulk Data over GRASP – 20 min
   10:55 – 11:15, by Brian Carpenter,
   draft-carpenter-anima-asa-guidelines and
   draft-carpenter-anima-grasp-bulk

7. Scenarios and Requirements for Layer 2 Autonomic Control Planes - 15 min
   11:15 - 11:30, by Brian Carpenter,
   draft-carpenter-anima-l2acp-scenarios

ANIMA WG
Meeting Agenda (III)

13:30-15:00, Afternoon session I, Centre Ville

1. WG Dash - 5 min
   13:30 - 13:35, by co-chairs

2. WG Document Update (10 min)
   2a. Bootstrapping Remote Secure Key Infrastructures (BRSKI) - 10min
       13:35 - 13:45, by Michael Richardson, draft-ietf-anima-bootstrapping-keyinfra
   2b. Constrained Voucher Artifacts for Bootstrapping Protocols - 10 min
       13:45 - 13:55, by Michael Richardson, draft-ietf-anima-constrained-voucher

3. Constrained Join Proxy for Bootstrapping Protocols - 15 min
   13:55 - 14:10, by Peter van der Stok, draft-vanderstok-anima-constrained-join-proxy

4. Support of asynchronous enrollment in BRSKI - 15 min
   14:10 - 14:25, by Eliot Lear, draft-fries-brski-async-enroll

5. ACME Integrations with BRSKI - 15 min
   14:25 - 14:40, by Owen Friel, draft-friel-acme-integrations

6. Summary & ANIMA future activities - 3 min
   14:40 - 14:45, 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
  
    Submitted to IESG for publication in Jan 2018
    IESG Evaluation, Defer::AD Followup; 2 DISCUSS

    Submitted to IESG for publication in Aug 2018
    IESG Evaluation::Revised I-D Needed

  – [draft-ietf-anima-grasp-api](https://datatracker.ietf.org/doc/draft-ietf-anima-grasp-api/) 03
    Adopted in Dec 2017

  – [draft-ietf-anima-constrained-voucher](https://datatracker.ietf.org/doc/draft-ietf-anima-constrained-voucher/) 05
    Adopted in May 2018

ANIMA WG
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
  - 106th IETF, Nov. 16-23, 2019, Singapore
  - 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-grasp
  – draft-ietf-anima-bootstrapping-keyinfra
  – draft-ietf-anima-autonomic-control-plane
  – draft-ietf-anima-prefix-management
  – draft-ietf-anima-reference-model
  – draft-ietf-anima-grasp-api
  – draft-ietf-anima-constrained-voucher