



IETF-102 (Montreal, Canada)

ANIMA WG Meeting

(Autonomic Networking Integrated
Model and Approach)

Wednesday,
9:30-12:00 Morning session I,
Van Horne

Last update: July 16th, 2018



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/102/remote-participation.html>
- Slides
 - <https://datatracker.ietf.org/meeting/102/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

- Wednesday (July 18th, 2018) 2.5-hour session:
9:30-12:00, Van Horne, Morning session I
 1. WG Dash - 5 min
9:30 - 9:35, by co-chairs
 2. WG Document Update (30min)
 - 2a. GRASP Application Program Interface (API) - 10min
9:35 - 9:40, by Bing Liu, [draft-ietf-anima-grasp-api](#)
 - 2b. Autonomic Control Plane - 10min
9:40 - 9:50, by Toerless Eckert, [draft-ietf-anima-autonomic-control-plane](#)
 - 2c. Bootstrapping Remote Secure Key Infrastructures (BRSKI) - 10min
9:50 - 10:00, by M. Pritikin/M. Richardson,
[draft-ietf-anima-bootstrapping-keyinfra](#)
 - 2d. Constrained Voucher Artifacts for Bootstrapping Protocols -10 min
10:00 - 10:10, by Peter van der Stok, [draft-ietf-anima-constrained-voucher](#)
 3. Auto-configuration of NOC services in ACP networks via GRASP
10:05 – 10:15, by Toerless Eckert, [draft-eckert-anima-noc-autoconfig](#)

Meeting Agenda (Cont.)

4. Bootstrapping Key Infrastructure over EAP & BRSKI over IEEE 802.11 - 15min
10:15 - 10:30, Owen Friel, [draft-lear-eap-teap-brski](#)
& [draft-friel-brski-over-802dot11](#)
5. Autonomic functions lifecycle management & coordination between autonomic functions & knowledge exchange - 25min
10:30 - 10:55, by Laurent Ciavaglia
6. The ANIMA domain boundary - 20min
10:55 - 11:15, by Brian Carpenter, [draft-carpenter-limited-domains](#)
7. Information Distribution in Autonomic Networking - 10min
11:10 - 10:20, by Bing Liu, [draft-liu-anima-grasp-distribution](#)
8. Guidelines for Autonomic Service Agents, Transferring Bulk Data over GRASP - 10min
11:25 - 11:35, by Brian Carpenter, [draft-carpenter-anima-asa-guidelines](#)
& [draft-carpenter-anima-grasp-bulk](#)
9. Trust networking and procedures for Autonomic Networking - 10min
11:35 - 11:45, by Tae Sang Choi, [draft-choi-anima-trust-networking/](#)
10. Summary & ANIMA future activities - 5 min
11:45 - 11:50, by co-chairs

WG Milestone Status

- Published RFCs from WG
 - RFC8366, May 2018, [draft-ietf-anima-voucher](#)
 - RFC8368, May 2018, [draft-ietf-anima-stable-connectivity](#)
- 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-autonomic-control-plane_16](#)
Submitted to IESG for publication Jan 2018
Waiting for IESG Evaluation
 - [draft-ietf-anima-reference-model_06](#)
Submitted to IESG for publication May 2018
Waiting for AD Evaluation

WG Milestone Status (2)

- WG Documents still with WG
 - [draft-ietf-bootstrapping-keyinfra_16](#)
Passed WGLC, June 2018
Shepherd has done thorough review
Plan to Submit to IESG for publication in July2018
 - [draft-ietf-anima-grasp-api_02](#)
Newly adopted in Dec 2017
 - [draft-ietf-anima-constrained-voucher_00](#)
Newly adopted in April 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
 - 103th IETF, Nov. 3 -9, 2017, Bangkok, Thailand
 - 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
- **WG RFCs**
 - RFC8366, A Voucher Artifact for Bootstrapping Protocols
 - RFC8368, 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