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
ANIMA WG
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

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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

ANIMA WG
WG Milestone Status

• Published RFCs from WG
  – RFC8366, May 2018, draft-ietf-anima-voucher

• 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

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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 July 2018
  – 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

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