IETF-96 (Berlin)

ANIMA WG Meetings
(Autonomic Networking Integrated Model and Approach)

Monday, 18:00-20:00, Afternoon Session III, Potsdam II

Thursday, 16:20-18:20, Afternoon Session II, Potsdam III

Last update: July. 14th, 2016

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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/96/remote-participation.html

- Slides

  https://datatracker.ietf.org/meeting/96/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

- Monday (July 18th, 2016) 2-hour session:
  18:00-20:00 Afternoon Session III, Potsdam II

1. WG Dash - 5 min

   18:00 - 18:05, by co-chairs

2. ANIMA Generic Signaling (Design team) - 30 min

   18:05 - 18:35, by Brian Carpenter, draft-ietf-anima-grasp

3. ANIMA Auto Bootstrapping (Design team) - 30 min

   18:35 - 19:05, by Max Pritikin, draft-ietf-anima-bootstrapping-keyinfra

4. Autonomic Control Plane - 20 min

   19:05 - 19:25, by Michael Behringer, draft-ietf-anima-autonomic-control-plane

5. AN Reference model - 35 min

   19:25 - 20:00, by Michael Behringer, draft-ietf-anima-reference-model

Meeting Agenda (Cont.)

I E T F®

- Thursday (July 21st, 2016) 2-hour session:
  16:20-18:20 Afternoon Session II, Potsdam III

1. On-site progress update for WG documents - 10 min
   16:20 - 16:30

2. * Information Distribution over GRASP - 20 min
   16:30 - 16:50, by Bing Liu, draft-liu-anima-grasp-distribution

3. * Autonomic Functions Coordination By The Example - 20 min
   16:50 - 17:10, by Laurent Ciavaglia, draft-ciavaglia-anima-coordination

4. * Autonomic Functions Life-cycle and Management - 20 min
   17:10 - 17:30, by Pierre Peloso, draft-peloso-anima-autonomic-function

5. * ANIMA Intent Policy - 20 min
   17:30 - 17:50, by Jeferson C Nobre, draft-du-anima-an-intent

6. * GRASP API - 20 min
   17:50 - 18:10, by Bing Liu, draft-liu-anima-grasp-api

7. Summary & ANIMA future activities - 5 min
   18:10 - 18:15, by co-chairs

   * mean the non-chartered work items.

WG Milestone Status

- WG Documents

  - draft-ietf-anima-gdn-protocol 06 (Adopted Aug 2015)
    Next Milestone: Apr 2016, Submit discovery and negotiation protocol(s) to IESG

  - draft-ietf-bootstrapping-keyinfrastructures 03 (Adopted Aug 2015)
    Next Milestone: Apr 2016, Submit bootstrap a trust infrastructure solution to IESG

  - draft-ietf-anima-autonomic-control-plane 03 (Adopted Aug 2015)
    Next Milestone: Sep 2016, Submit autonomic control plane solution to IESG

WG Milestone Status (2)
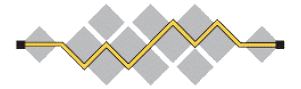
- Documents adopted since last meeting

    - draft-ietf-anima-stable-connectivity-01 (Adopted Dec 2015)
      Next milestone: Sep 2016, Submit the two validation drafts to
      IESG (Informational)

    - draft-ietf-anima-prefix-management-01 (Adopted Dec 2015)
      Next milestone: Sep 2016, Submit the two validation drafts to
      IESG (Informational)

    - draft-ietf-anima-reference-model-02 (Adopted Dec 2015)
      Next milestone: Dec 2016, Submit reference model to IESG
      (Informational)

ANIMA WG Info

- More discussion will be taken into ANIMA mail list (anima@ietf.org)

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

- Next meeting
  - 97th IETF, November 13-18, 2016, in Seoul, South Korea
  - Interim meeting may be arranged

- Next Chartered Milestone:
  - Apr 2016 Submit discovery and negotiation protocol(s) to IESG (Standards Track)
  - Apr 2016 Submit bootstrap a trust infrastructure solution to IESG (Standards Track)

- 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 Documents
  - draft-ietf-anima-gdn-protocol
  - draft-ietf-bootstrapping-keyinfrastructures
  - draft-ietf-anima-autonomic-control-plane
  - draft-ietf-anima-stable-connectivity
  - draft-ietf-anima-prefix-management
  - draft-ietf-anima-reference-model

Reading List (2)

- Individual Documents
  - draft-ciavaglia-anima-coordination
  - draft-ciavaglia-anima-knowledge
  - draft-du-anima-an-intent
  - draft-liu-anima-grasp-distribution
  - draft-liu-anima-grasp-api
  - draft-peloso-anima-autonomic-function
  - draft-richardson-anima-state-for-joinrouter
  - draft-strassner-anima-control-loops

Recharter

- In current charter, as milestone:

  - Dec 2016, recharter to refocus scope, or close

- We have been running second sessions as a forum for potential future work items

  - AN Intent, distribution, GRASP API, coordination, exchanging, …

  - Autonomic Service Agents

- Calling for more potential work items

Self-organizing in ETSI NGP

- ETSI NGP ISG
  - Next Generation Protocol
    Industry Specification Group

- Self-organizing Control & Management Planes (work item)
  - Calling individual contribution on autonomic
  - Introducing machine learning as mechanism for autonomic decision
  - https://portal.etsi.org/tb.aspx?tbid=844&SubTB=844