



# IETF-100 (Singapore) ANIMA WG Meeting (Autonomic Networking Integrated Model and Approach)

Monday, 9:30-12:00, Sophia, Morning  
session I

Last update: November. 12<sup>th</sup>, 2017



# Note Well

**Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:**

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- Any Birds of a Feather (BOF) session
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

**All IETF Contributions are subject to the rules of [RFC 5378](#) and [RFC 3979](#) (updated by [RFC 4879](#)).**

**Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult [RFC 5378](#) and [RFC 3979](#) for details.**

**A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.**

**A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.**

# 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/100/remote-participation.html>
- Slides
  - <https://datatracker.ietf.org/meeting/100/materials.html#anima>

# Before begin the meeting

- Mailing List:
  - [anima@irtf.org](mailto: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>

# WG Milestone Status

- WG Documents (in procedure for publication)
  - [draft-ietf-anima-gdn-protocol 15](#)  
Passed IESG Evaluation, July, 2017, RFC Ed Queue : MISSREF
  - [draft-ietf-anima-voucher 06](#)  
Passed WGLC, June, 2017  
Submitted to IESG for Publication: Standard Track, August 27th  
waiting for AD write-up
  - [draft-ietf-anima-prefix-management 06](#)  
Passed WGLC, July 2017  
Submitted to IESG for Publication: Informational, August 25th  
waiting for AD write-up
  - [draft-ietf-anima-stable-connectivity 07](#)  
Passed WGLC, August 2017  
Submitted to IESG for Publication: Informational, October 21th  
waiting for AD Evaluation

# WG Milestone Status (2)

- WG Documents still with WG
  - [draft-ietf-anima-autonomic-control-plane 12](#)  
Passed WGLC, November  
waiting for Author update & shepherd write up
  - [draft-ietf-bootstrapping-keyinfra 09](#)  
Planning to have WGLC in November,  
Shepherd has done thorough review
  - [draft-ietf-anima-reference-model 05](#)  
Planning to have WGLC in December 2017

# Meeting Agenda

- Wednesday (July 19th, 2017) 2.5-hour session:  
9:30-12:00, Congress Hall III, Morning session I
  1. WG Dash - 5 min  
9:30 - 9:35, by co-chairs
  2. WG Document Update (65min)
    - 2a. ANIMA Auto Bootstrapping - 10 min  
9:55 - 10:05, by Michael Richardson, [draft-ietf-anima-bootstrapping-keyinfra](#)
    - 2b. Autonomic Control Plane - 10 min  
10:05 - 10:15, by Toerless Eckert, [draft-ietf-anima-autonomic-control-plane](#)
    - 2c. AN Reference Model - 15 min  
10:25 - 10:40, by authors, [draft-ietf-anima-reference-model](#)

# Meeting Agenda (Cont.)

- 3. \* GRASP API - 15 min  
10:25 - 10:40, by Brian Carpenter/Bing Liu, [draft-liu-anima-grasp-api](#)
- 4. \* Information Distribution over GRASP - 15 min  
10:40 - 10:55, by Bing Liu, [draft-liu-anima-grasp-distribution](#)
- 5. \* Guidelines for Autonomic Service Agents- 15 min  
10:55 - 11:10, by Laurent Ciavaglia, [draft-carpenter-anima-asa-guidelines](#)
- 6. \* Bulk data over GRASP - 15 min  
11:10 - 11:25, by Brian Carpenter, [draft-carpenter-anima-grasp-bulk](#)
- 7. \* Towards PubSub and Storage integration in ANIMA - 15 min  
11:25 - 11:40, by Artur Hecker/Xun
- 8. \* DNS-SD over GRASP - 15 min  
11:40 - 11:55, by Toerless Eckert
- 9. Summary & ANIMA future activities - 5 min  
11:55 - 12:00, by co-chairs

\* mean the non-chartered work items.



# ANIMA WG Info

- More discussion will be taken into ANIMA mail list ([anima@ietf.org](mailto:anima@ietf.org))
- Chairs can be reached by [anima-chairs@ietf.org](mailto:anima-chairs@ietf.org)
- Next meeting
  - 101<sup>th</sup> IETF, March 17-23, 2018, London, UK
  - 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 Documents
  - draft-ietf-anima-grasp
  - draft-ietf-anima-bootstrapping-keyinfra
  - draft-ietf-anima-autonomic-control-plane
  - draft-ietf-anima-stable-connectivity
  - draft-ietf-anima-prefix-management
  - draft-ietf-anima-reference-model
  - draft-ietf-anima-voucher