

Remote ATtestation Procedures (RATS) WG

IETF 106, Tuesday, November 19, 2019

15:20 – 16:50, VIP A

Chairs:

Kathleen Moriarty, Nancy Cam-Winget, Ned Smith

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

By participating in the IETF, you agree to follow IETF processes and policies.

If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Administrative Tasks

- Bluesheets
- We need volunteers:
 - Two note takers
 - One jabber scribe
- Jabber: xmpp:rats@jabber.ietf.org?join
- MeetEcho: <https://www.meetecho.com/ietf106/rats>
- Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-106-rats>

RATS agenda

- Agenda bash (5min)
- EAT Claims Discussion, Laurence Lundblade (30 minutes)
- EAT Open Issues for discussion, Laurence Lundblade (50 minutes)
 - Draft: <https://datatracker.ietf.org/doc/draft-ietf-rats-eat/>
 - Issues: <https://github.com/ietf-rats-wg/eat/issues>
- Explanation to contrast this proposal with EAT, Giri Mandyam (5 minutes)
 - Draft: <https://tools.ietf.org/id/draft-mandyam-rats-qwestoken-00.txt>

Remote ATtestation Procedures (RATS) WG

IETF 106, November 22, 2019

10:00-12:00, Orchard

Chairs:

Kathleen Moriarty, Nancy Cam-Winget, Ned Smith

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

By participating in the IETF, you agree to follow IETF processes and policies.

If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Administrative Tasks

- Bluesheets
- We need volunteers:
 - Two note takers
 - One jabber scribe
- Jabber: xmpp:rats@jabber.ietf.org?join
- MeetEcho: <https://www.meetecho.com/ietf106/rats>
- Etherpad: <https://etherpad.tools.ietf.org/p/notes-ietf-106-rats>

Hackathon on “Securing the IoT”

In February 2020 will gather in Berlin to advance the work in the IETF working groups Software Updates for Internet of Things (SUIT), Trusted Execution Environment Provisioning (TEEP), and Remote ATtestation ProcedureS (RATS).

This event will give participants a unique opportunity to learn more about key IoT security technologies. We will start with a one-day **tutorial** followed two days of **coding, coding, coding**. Hardware will be provided to participants; the development environment has to be installed upfront.

When: February 17-19, 2020

Where: Berlin, Germany

More information:
<https://siot-hackathon.github.io>

Join us!

RATS agenda

- Agenda bash – Chairs (5min)
- Security Considerations for RIV draft – Guy (20 min - remote)
- RATS Architecture – Architecture Team (45 min)
- YANG Module ([draft-birkholz-rats-basic-yang-module](#)) -- Henk Birkholz (20 min)
- RATS pub/sub model (<https://tools.ietf.org/id/draft-xia-rats-pubsub-model-01.txt>) -- Liang Xia (10min)
- Summary of Calls for Adoption (15 min)
 - YANG Module draft
 - RIV draft
- AOB (5min)

IETF 106

RATS Last Slide

More on:

[draft-birkholz-rats-basic-yang-module](#)

1. Should the WG adopt a Base Yang Module draft?
2. Is the WG willing to adopt draft-birkholz-rats-basic-yang-module as a good starting point?

Milestones

March 2019

Begin work on use case documentation (may not be published as an RFC)

Call for adoption on EAT draft.

Call for adoption on Tokkbind draft

Call for adoption on Interaction Model draft

Call for adoption on Yang Module draft

Call for adoption on TUDA draft

July 2019

Call for adoption on Architecture draft. (Note: architecture draft will contain relationship between RATS documents.)

November 2019

Call for adoption on Claim format draft.

March 2020

Submit EAT draft to IESG for publication.

Submit Tokkbind draft to IESG for publication.

Submit Interaction Models draft to IESG for publication.

Submit Yang Module draft to IESG for publication.

Submit TUDA draft to IESG for publication.

November 2020 Submit Claim format draft to IESG for publication.

July 2021 Submit Architecture draft to IESG for publication.