

This session is being recorded

Software Updates for Internet of Things (SUIT) WG

IETF 117

Monday, 24 July 2023 at 15:30 PDT

Chairs:

Dave Thaler

David Waltermire

Russ Housley

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)

Living the IETF Code of Conduct

A brief reminder of key points from RFC 7154:

- IETF participants extend respect and courtesy to their colleagues at all times.
- IETF participants have impersonal discussions.
- IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
- Individuals are prepared to contribute to the ongoing work of the group.

IETF 117 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

Administrative Tasks

Bluesheets will happen automatically by joining MeetEcho

We need volunteers:

- Two note takers
- One jabber room watcher

Jabber: <xmpp:suit@jabber.ietf.org?join>

MeetEcho: <https://www.meetecho.com/ietf117/suit>

Etherpad: <https://notes.ietf.org/notes-ietf-117-suit#>

Agenda (1 of 2)

1) Logistics

2) Hackathon Summary

- Share things that were learned

3) SUIT Manifest Format

- draft-ietf-suit-manifest
- Revised I-D Needed to address AD Review

4) SUIT Manifest Extensions for Multiple Trust Domains

- draft-ietf-suit-trust-domains
- In WG Last Call (ends today)
- Revised I-D Needed to address a few nits

5) Update Management Extensions for SUIT Manifests

- draft-ietf-suit-update-management
- Discuss open issues; get ready for WG Last Call

Agenda (2 of 2)

6) Firmware Encryption with SUIT Manifests

- draft-ietf-suit-firmware-encryption
- Depends on draft-ietf-cose-aes-ctr-and-cbc and draft-isobe-cose-key-thumbprint
- Discuss open issues; get ready for WG Last Call

7) Secure Reporting of Update Status

- draft-ietf-suit-report
- Discuss open issues; get ready for WG Last Call

8) Strong Assertions of IoT Network Access Requirements

- draft-ietf-suit-mud
- Depends on draft-isobe-cose-key-thumbprint
- In WG Last Call; waiting for dependency to catch up

9) Mandatory-to-Implement Algorithms for SUIT Manifests

- draft-ietf-suit-mti
- Discuss open issues; get ready for WG Call Last Call

10) Any Other Business (if time permits)

Milestones

Milestone	Old	Proposed
Submit SUI Manifest MUD extension document to the IESG for publication as a Proposed Standard	Dec 2022	Nov 2023 (dependencies; In WGLC)
Submit SUI Manifest trust domains document to the IESG for publication as a Proposed Standard	Nov 2022	Nov 2023 (In WGLC)
Submit SUI Manifest update management document to the IESG for publication as a Proposed Standard	Nov 2022	Nov 2023 (Need WGLC)
Submit SUI Status Tracker document to the IESG for publication as a Proposed Standard	Sep 2022	Nov 2023 (Need WGLC)
Submit firmware encryption document to the IESG for publication as a Proposed Standard	Aug 2022	Nov 2023 (dependencies; Need WGLC)
Submit revised SUI Manifest to address AD review comments	new	August 2023
Submit Mandatory-to-Implement Algorithms for SUI Manifests document to the IESG for publication as a Proposed Standard	new	Nov 2023 (Need WGLC)