IETF 122
Software Updates for Internet of Things(SUIT) WG

Tuesday, March , 2025
15:30 - 16:30 ICT

Chairs:
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Jacqui McCall

Internet Engineering Task Force
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Note Well

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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)

I E T F

Note Really Well

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- The IETF strives to create and maintain an environment in which people of many different backgrounds and identities are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.
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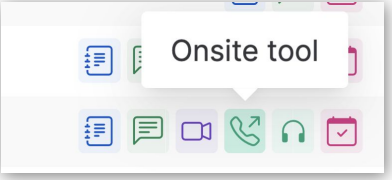
I E T F

This session is being recorded

IETF 122 Meeting Tips

In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to:
  - join the mic queue
  - participate in shows of hands
- *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 two volunteer note takers

- MeetEcho: https://meetings.conf.meetecho.com/onsite122/?session=33840
- Zulip chat: https://zulip.ietf.org/#narrow/stream/suit
- Notes: https://notes.ietf.org/notes-ietf-122-suit

Resources for IETF 122 Bangkok

- Agenda
  https://datatracker.ietf.org/meeting/agenda
- Meetecho and other information:
  https://www.ietf.org/how/meetings/preparation
- If you need technical assistance, see the Reporting Issues page:
  http://www.ietf.org/how/meetings/issues/

Agenda (1 hour)

- Logistics

1) Firmware Encryption with SUIT Manifests
   - draft-ietf-suit-firmware-encryption-23, 2025-01-29
2) SUIT Manifest Format
   - draft-ietf-suit-manifest-33, 2025-02-24
3) SUIT Manifest Extensions for Multiple Trust Domains
   - draft-ietf-suit-trust-domains-10, 2025-03-03
4) Secure Reporting of Update Status
   - draft-ietf-suit-report-11, 2025-03-03
5) Strong Assertions of IoT Network Access Requirements
   - draft-ietf-suit-mud-10, 2025-03-03
6) Mandatory-to-Implement Algorithms for SUIT Manifests
   - draft-ietf-suit-mti-13, 2025-03-17
7) Update Management Extensions for SUIT Manifests
   - draft-ietf-suit-update-management-08, 2025-03-03

A) Any Other Business (if time permits)

Draft Status (1 of 3)

1) Firmware Encryption with SUIT Manifests
   - draft-ietf-suit-firmware-encryption-23, 2025-01-29
   - Submitted to IESG for Publication
   - No DISCUSSes, but no reply on comment from Orie Steele

2) SUIT Manifest Format
   - draft-ietf-suit-manifest-33, 2025-02-24
   - Finished clearing DISCUSSes
   - Submitted to RFC Editor

3) SUIT Manifest Extensions for Multiple Trust Domains
   - draft-ietf-suit-trust-domains-10, 2025-03-03
   - Comments from IOTDIR Early review (of -07) by Thomas Fossati
   - Requested for telechat review
   - IANA review needed
   - TEEP depends on this

Draft Status (2 of 3)

4) Secure Reporting of Update Status
- draft-ietf-suit-report-11, 2025-03-03
- Revised Proposed Standard from Informational draft
- IANA status Publication requested
- Ready for IESG review?

5) Strong Assertions of IoT Network Access Requirements
- draft-ietf-suit-mud-10, 2025-03-03
- Submitted to RFC Editor
- Waiting reply from Authors for IESG Reviews?
- IANA status on hold

6) Mandatory-to-Implement Algorithms for SUIT Manifests
- draft-ietf-suit-mti-13, 2025-03-17
- Review comments from Deb for Authors
    - First review from Deb 2025-03-03, some comments were addressed in the draft 09
    - Second review from Deb 2025-03-05, addressed in the draft 13

Draft Status (3 of 3)

7) Update Management Extensions for SUIT Manifests
- draft-ietf-suit-update-management-09, 2025-03-17
- Three nits from Thomas: ← fixed in 09
  1. ["x","y"] ⇒ ['x','y'] (two instances)
  2. spurious '}' in "Extension Commands (Section 5)}."
  3. you don't need to normatively reference [I-D.ietf-rats-corim]

A-1) Others, Syncing I.D. on datatracker and github

A-2) What will be a good practice of maintaining drafts require cddl files