Software Updates for Internet of Things (SUIT) WG

IETF 115
Wednesday, 9 November 2022 at 13:00 UTC

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.

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/ietf115/suit

Etherpad: https://notes.ietf.org/notes-ietf-115-suit#

Agenda (1 of 2)

1) Logistics

2) Hackathon Summary

   - Share things that were learned

3) SUIT Manifest Format

  - draft-ietf-suit-manifest

  - WG Last Call is underway; resolve open issues

4) SUIT Manifest Extensions for Multiple Trust Domains

  - draft-ietf-suit-trust-domains

  - Discuss open issues; get ready for WG Last Call

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 COSE AES-CTR and AES-CBC document; discuss open issues

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

   - Discuss open issues; get ready for WG Last Call

9) Mandatory-to-Implement Algorithms for SUIT Manifests

   - draft-moran-suit-mti

   - Discuss open issues; get ready for WG Call for Adoption

10) Any Other Business (if time permits)