

Software Updates for Internet of Things (SUIT) WG

IETF 120

Monday, July 22, 2024, 17:30 - 18:30 PDT

Chairs:

David Waltermire

Akira Tsukamoto

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 two volunteer note takers

MeetEcho: <https://meetings.conf.meetecho.com/ietf120/?session=33182>

Zulip: <https://zulip.ietf.org/#narrow/stream/suit>

Notes: <https://notes.ietf.org/notes-ietf-120-suit>

Agenda (1 hour, was 2 hours at IETF119)

- 1) Logistics
- 2) **SUIT Manifest Format**
 - draft-ietf-suit-manifest-26
- 3) **SUIT Manifest Extensions for Multiple Trust Domains**
 - draft-ietf-suit-trust-domains-07
- 4) **Firmware Encryption with SUIT Manifests**
 - draft-ietf-suit-firmware-encryption-20
- 5) **Secure Reporting of Update Status**
 - draft-ietf-suit-report-09
- 6) **Strong Assertions of IoT Network Access Requirements**
 - draft-ietf-suit-mud-09
- 7) **Mandatory-to-Implement Algorithms for SUIT Manifests**
 - draft-ietf-suit-mti-06
- 8) **Update Management Extensions for SUIT Manifests**
 - draft-ietf-suit-update-management-07
- 9) **Any Other Business (if time permits)**

Draft Status (1 of 3)

SUIT Manifest Format

- draft-ietf-suit-manifest-26
- Submitted to IESG for Publication
- Agreed to change “suit-install = 20” from 17, it is still 17
Section 11.1, 11.2, Appendix A
- SECDIR Last Call Review due 2024-02-21 Incomplete
- Has 2 DISCUSSEs. Needs 2 more YES or NO OBJECTION positions to pass.
- IANA comments, need the authors to confirm Data Item field
- TEEP depends on this

SUIT Manifest Extensions for Multiple Trust Domains

- draft-ietf-suit-trust-domains-07
- Submitted to IESG for Publication
- TEEP depends on this

Draft Status (2 of 3)

Firmware Encryption with SUIT Manifests

- draft-ietf-suit-firmware-encryption-20
- Submitted to IESG for Publication, 2024-07-13, waiting for AD feedback
- IANA OK
- Depends on draft-ietf-cose-key-thumbprint, Waiting for AD Go-Ahead::AD Followup
- GENART, SECDIR, OPSDIR Last Call Review due 2024-08-02 Incomplete

Secure Reporting of Update Status

- draft-ietf-suit-report-09
- In WG Last Call, 2024-03-20
- Shepherd (Akira) - Chair (Dave) review needed
- TEEP depends on this

Strong Assertions of IoT Network Access Requirements

- draft-ietf-suit-mud-09
- Depends on draft-ietf-cose-key-thumbprint, Waiting for AD Go-Ahead::AD Followup
- Submitted to IESG for Publication
- IESG state: hold until draft-ietf-suit-manifest clears IESG Review.
- IANA review state: Version Changed - Review Needed
- IETF 119 discussion: URI or IRI? -> Addressed to keep URI

Draft Status (3 of 3)

Mandatory-to-Implement Algorithms for SUIT Manifests

- draft-ietf-suit-mti-06
- Depends on draft-ietf-suit-firmware-encryption
- WG Consensus: Write-Up needed Dave W.
- TEEP depends on this

Update Management Extensions for SUIT Manifests

- draft-ietf-suit-update-management-07
- Waiting for WG Chair Go-Ahead
- Requesting for more review, Henk?

Any Other Business (if time permits)