

IETF 118

Constrained RESTful Environments WG (core)

Chairs:

Marco Tiloca <marco.tiloca@ri.se>

Jaime Jiménez <jaime.jimenez@ericsson.com>

Carsten Bormann <cabo@tzi.org>

Mailing list: core@ietf.org

Zulip: <https://zulip.ietf.org/#narrow/stream/21-core>



- We assume people have read the drafts
- Meetings serve to advance difficult issues by making good use of face-to-face communications
- Note Well: Be aware of the IPR principles, according to RFC 8179 and its updates
 - Blue sheets – Automatic
 - Chat Scribe(s)
 - Note Taker(s)

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)

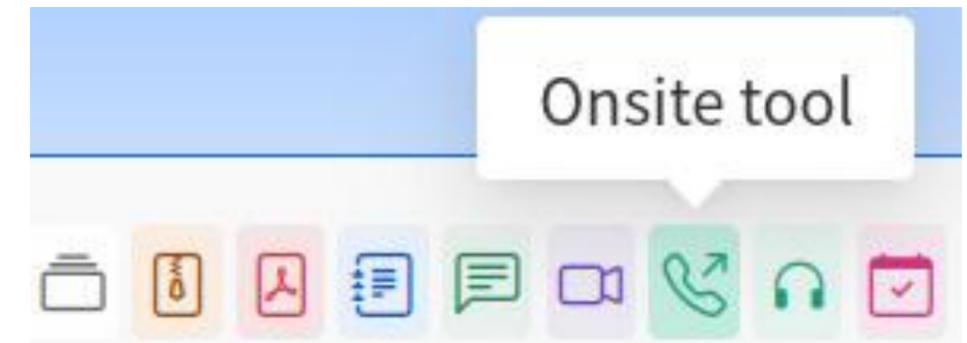
<https://www.ietf.org/about/note-well/>

Practicalities

- **This meeting is recorded**
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- **In-person participants**

- Make sure to **sign into the session using Meetecho**
 - “Onsite tool” client available from the Datatracker agenda
- If not using the onsite version, **keep audio and video off**
- **Joining the mic queue: FIRST join the queue in Meetecho, THEN go to the mic**



- **Remote participants**

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

- **Use of queuing via the chat**

- **mic:** to ask for relaying a question

All times are UTC

Agenda (120 min)

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- 08:30–08:40 Intro, Agenda, Status
 - 08:40–08:50 YANG SID and COMI
 - 08:50–09:00 Constrained Resource Identifiers (HREF)
 - 09:00–09:10 Group Communication for CoAP
 - 09:10–09:25 Pub-sub architecture for CoAP
 - 09:25–09:35 DNS over CoAP (DoC)
 - 09:35–09:50 Key Update for OSCORE (KUDOS)
 - 09:50–10:00 CoAP Performance Measurement Option
 - 10:00–10:15 Topics from T2TRG meeting
 - 10:15–10:20 GREASE to EDHOC Extensibility
 - 10:20–10:30 Flextime

Document status

Approved for publication

- draft-ietf-core-target-attr (Informational)
 - RFC Ed Queue: EDIT
 - Shepherd: Marco Tiloca
 - Assigned AD: Robert Wilton

In IESG processing

- **draft-ietf-core-sid-22 ***
 - Completed a new WG Last Call
 - Submitted to IESG for Publication: Proposed Standard
 - Shepherd: Jaime Jiménez
 - Assigned AD: Francesca Palombini

In IETF Last Call

- **draft-ietf-core-oscore-edhoc-09**
 - Submitted to IESG for Publication: Proposed Standard
 - In IETF Last Call since 2023-10-23, until 2023-11-13
 - Shepherd: Carsten Bormann
 - Assigned AD: Paul Wouters

Post-WGLC Processing (1/2)

- **draft-ietf-core-oscore-groupcomm-20**
 - Addressed the Shepherd Review
 - WG Consensus: Waiting for Write-Up: Proposed Standard
 - Shepherd: Christian Amsüss
- **draft-ietf-core-comi-16 ***
 - Completed a new WG Last Call; comments to be addressed
 - Shepherd: Michael Richardson
- **draft-ietf-core-yang-library-03**
 - WG Consensus: Waiting for Shepherd Write-Up
 - Need to synch with draft-ietf-core-comi; we may have a new WG Last Call

* On today's agenda

Post-WGLC Processing (2/2)

- **draft-ietf-core-groupcomm-bis-10 ***
 - Completed WG Last call; comments addressed in version -07
 - Version -10 addresses recent comments from John Mattsson
 - Waiting for WG Chair Go-Ahead: Proposed Standard
 - Expecting WGLC reviewer's feedback
 - Expected Shepherd: Carsten Bormann
- **draft-ietf-core-conditional-attributes-06**
 - Completed WGLC; Waiting for WG Chair Go-Ahead
 - Need to address points raised during WG Last Call
 - Confirmed new intended status: Standards Track
 - Shepherd: Jaime Jiménez
- **draft-ietf-core-href-13 ***
 - Completed WG Last call; waiting for WG Chair Go-Ahead
 - Some points to address from WG Last Call, and more recent ones

* On today's agenda

Other Documents (1/2)

- Recently updated WG documents not in today's agenda
 - draft-ietf-core-observe-multicast-notifications-07
- Recently adopted documents
 - draft-ietf-core-oscore-capable-proxies-00
- Pending Working Group Adoption
 - draft-tiloca-core-groupcomm-proxy-09
 - Considered in May 2022, based on version -06
 - Content unchanged since then: -07...09 are rebump "as is"

Other Documents (2/2)

- Recently updated individual
 - draft-amsuess-core-coap-over-gatt-05 *
 - draft-amsuess-core-resource-directory-extensions-09 *
 - draft-amsuess-core-edhoc-grease-01 *
 - draft-tiloca-core-oscore-discovery-14
 - draft-amsuess-core-coap-kitchensink-04
 - draft-bormann-core-corr-clar-02
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- Related news: RFC 9482 was published
 - “Constrained Application Protocol (CoAP) Transfer for the Certificate Management Protocol”
 - Was draft-ietf-ace-cmpv2-coap-transport

* On today's agenda

Report from the Hackathon

- CORECONF
 - Progressed Koen's implementation
 - Nothing from the specification translates into anything hard to implement
 - Suggestions for editorial fixes/improvements, clarifications, and possible minor changes
 - <https://mailarchive.ietf.org/arch/msg/core/ju1SSExnniBgBcVIsa8Xok927pl/>
- Pub-sub architecture for CoAP
 - Progressed Jaime's implementation of *draft-ietf-core-coap-pubsub*
 - <https://github.com/jaimejim/aiocoap-pubsub-broker>
- High-level CoAP API for RIOT
 - Unified API to ease programming and app development
 - Worked on Server API and details hidden from application code
 - Activity to be continued, towards a prototype for the RIOT OS
 - <https://github.com/triess/CoAPI>
 - https://github.com/IETF-Hackathon/ietf118-project-presentations/blob/main/CoAP%20API%20for%20Riot_Hackathon118.pdf

Next CoRE Interim Meetings

- **W47** Wed, **2023-11-22**, 15:00-16:30 UTC / 16:00-17:30 CET
- **W49** Wed, **2023-12-06**, 15:00-16:30 UTC / 16:00-17:30 CET
 - This meeting is intended to happen only if urgent things to do come up
- **W3** Wed, **2024-01-17**, 15:00-16:30 UTC / 16:00-17:30 CET
- **W5** Wed, **2024-01-31**, 15:00-16:30 UTC / 16:00-17:30 CET
- **W7** Wed, **2024-02-14**, 15:00-16:30 UTC / 16:00-17:30 CET
- **W9** Wed, **2024-02-28**, 15:00-16:30 UTC / 16:00-17:30 CET

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Flextime

Thank you!
Comments/questions?

