

# IETF 120

# Constrained RESTful Environments WG (core)

## Chairs:

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**Zulip:** <https://zulip.ietf.org/#narrow/stream/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)

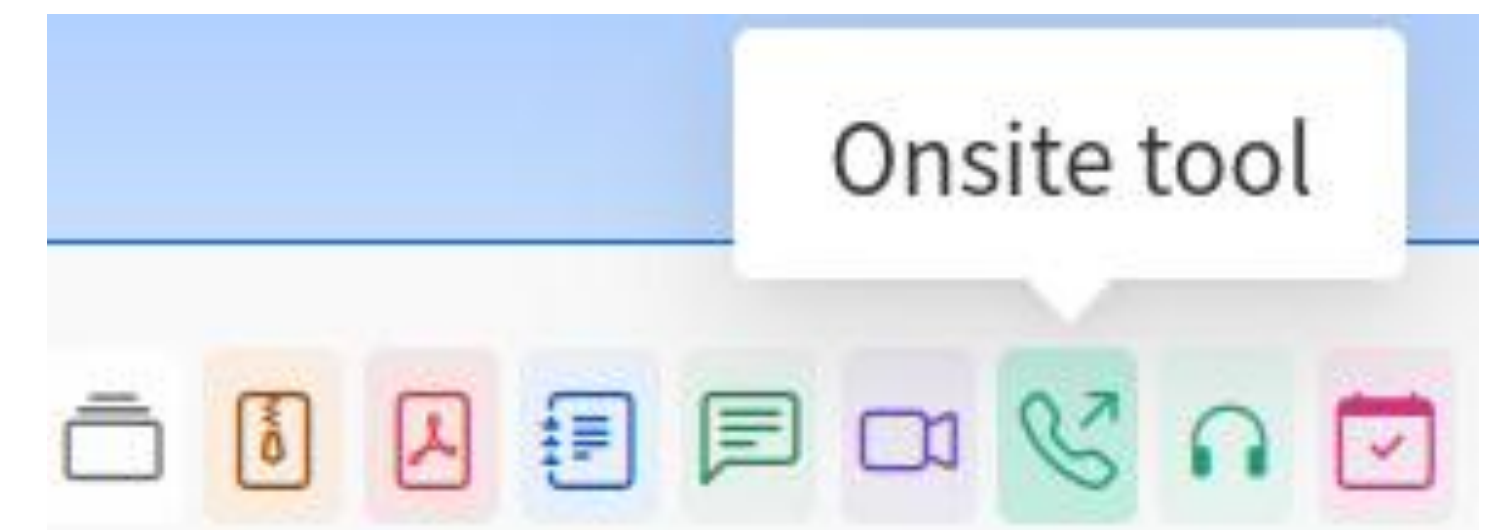
<https://www.ietf.org/about/note-well/>

# 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**
- 



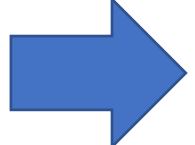
- **Remote participants**

- Make sure your audio and video are off unless you are presenting
  - Use of a headset is strongly recommended
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- **Use of queuing via the chat**

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

# Agenda (120 min)

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- 16:30–16:45 [Chairs] Intro, Agenda, Status
  - 16:45–16:55 [CB] CORECONF Cluster
  - 16:55–17:05 [CB] Constrained Resource Identifiers (HREF)
  - 17:05–17:15 [BS] Conditional Attributes
  - 17:15–17:25 [ML] DNS over CoAP (DoC) and related bundle
  - 17:25–17:35 [CA] CoAP Transport Indication
  - 17:35–17:45 [MT] Observe Notifications as CoAP Multicast Responses
  - 17:45–17:55 [RH] OSCORE-Capable Proxies
  - 17:55–18:10 [RH] OSCORE Key Update (KUDOS) and ID Update
  - 18:10–18:20 [CG] CoAP over BP and in Space
  - 18:20–18:30 Flextime

# Document status



# Published

- RFC 9423 (Informational)
  - “Constrained RESTful Environments (CoRE) Target Attributes Registry”
  - Was draft-ietf-core-target-attr



# Published

- **RFC 9528 (Proposed Standard)**
  - “Ephemeral Diffie-Hellman Over COSE (EDHOC)”
  - Was draft-ietf-lake-edhoc
  - Published 2024-03-21, one day after last CoRE meeting at IETF 119
  - Companion: RFC 9529, Informational,  
“Traces of Ephemeral Diffie-Hellman Over COSE (EDHOC)”



# Approved for publication

- **draft-ietf-core-sid (Proposed Standard) \***
  - RFC Ed Queue: AUTH48
  - “YANG Schema Item iDentifier (YANG SID)”
- **draft-ietf-core-oscore-edhoc (Proposed Standard)**
  - RFC Ed Queue: EDIT
  - “Using Ephemeral Diffie-Hellman Over COSE (EDHOC) with the Constrained Application Protocol (CoAP) and Object Security for Constrained RESTful Environments (OSCORE)”

# Approved for publication

- **draft-ietf-ace-key-groupcomm (Proposed Standard)**
  - RFC Ed Queue: AUTH48
  - “Key Provisioning for Group Communication using ACE”
- **draft-ietf-cbor-time-tag (Proposed Standard)**
  - RFC Ed Queue: EDIT
  - “Concise Binary Object Representation (CBOR) Tags for Time, Duration, and Period”
- **draft-ietf-cbor-update-8610-grammar (Proposed Standard)**
  - RFC Ed Queue: EDIT
  - “Updates to the CDDL grammar of RFC 8610”

# Publication Requested

- **draft-ietf-ace-key-groupcomm-oscore-16**
  - In AD Evaluation
  - “Key Management for OSCORE Groups in ACE”
- **draft-ietf-cbor-edn-literals-10**
  - In AD Evaluation
  - “CBOR Extended Diagnostic Notation (EDN)”

# Post-WGLC Processing (1/2)

- **draft-ietf-core-oscore-groupcomm-21**
  - Addressed the Shepherd Review of version -17
  - WG Consensus: Waiting for Write-Up: Proposed Standard
  - Shepherd: Christian Amsüss
  - Recently received new comments from Christian
- **draft-ietf-core-comi-18 \***
  - Addressed comments from WG Last Call
  - Some more points are left to address, then new WG Last Call
  - 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
  - Shepherd: Carsten Bormann

\* On today's agenda <sup>12</sup>

# Post-WGLC Processing (2/2)

- **draft-ietf-core-groupcomm-bis-11**
  - Completed WG Last call; comments addressed in version -07
  - Waiting for WG Chair Go-Ahead: Proposed Standard
  - Shepherd: Carsten Bormann
  - Expecting WGLC reviewer's feedback
  - Recently received new comments from Christian
- **draft-ietf-core-conditional-attributes-07 \***
  - Completed WGLC; Waiting for WG Chair Go-Ahead
  - Need to address points raised during WG Last Call
  - Shepherd: Jaime Jiménez
- **draft-ietf-core-href-16 \***
  - Completed WG Last call; waiting for WG Chair Go-Ahead
  - Addressed points from WG Last Call and more recent ones
  - Plan for a new WG Last Call

\* On today's agenda <sup>13</sup>

# Post-WGLC Processing

- draft-ietf-ace-oscore-gm-admin-12
  - “Admin Interface for the OSCORE Group Manager”



# Other Documents

- Recently updated WG documents not in today's agenda
  - draft-ietf-core-groupcomm-proxy-02
  - draft-ietf-core-oscore-key-limits-03
- Recently updated individual documents
  - draft-amsuess-core-cachable-oscore-09
  - draft-bormann-core-corr-clar-04
  - draft-lenders-core-dnr-02 \*
  - draft-gomez-core-coap-bp-01 \*
  - draft-gomez-core-coap-space-01 \*
- Recently newly submitted individual documents
  - draft-lenders-core-coap-dtls-svcb-00 \*

\* On today's agenda <sup>15</sup>

# Other documents

- Recently updated WG documents
  - draft-ietf-ace-oscore-gm-admin-coral-02
  - draft-ietf-ace-pubsub-profile-10
  - draft-ietf-ace-group-oscore-profile-02
  - draft-ietf-schc-8824-update-02

# Corrclar

- Capture knowledge about Clarifications and Corrections needed to standards in the CoAP ecosystem
- Repository with some 30 “issues” (discussion topics)
- Plan: Process at a pace of completing  $\geq 1$  issue per interim meeting
- Notable recent discussions:
  - #9 / PR #36: “match boxing” — DTLS Epoch etc.
  - #7/ PR #32 / PR #37: trailing / right after authority  $\neq$  after more path components
- → Contribute “issues”, review PRs, review the document

<https://datatracker.ietf.org/doc/draft-bormann-core-corr-clar/>

<https://github.com/core-wg/corrclar>

# Reviews! (IETF 119–120)

IETF USP

- **“Process” Reviews: Shepherd, AD, IESG, Directorate (Telechat)**
  - E.g., draft-ietf-core-oscore-edhoc-10; -11 now in RFC Editor Queue (EDIT)
- **Spontaneous “WG Member” reviews**
  - Christian Amsüss: draft-ietf-core-groupcomm-bis-11, draft-ietf-core-oscore-groupcomm-17 and -21, draft-ietf-oscore-key-update-08
  - Marco Tiloca: draft-ietf-core-conditional-attributes-07, draft-gomez-core-coap-bp-01
- **“Cross-WG” reviews**
  - Brian Sipos: draft-gomez-core-coap-bp-00, → discussion (Christian Amsüss, Rick Taylor, Marc Blanchet, Scott Burleigh)
  - Alex Huang Feng: draft-ietf-core-comi-17, → discussion Andy Bierman, Thomas Graf
- **Github feedback (specific issues, broader review)**
- **Your review here**

# Next CoRE Interim Meetings

- W35 Wednesday 2024-08-28, 14:00-15:30 UTC / 16:00-17:30 CEST
- W37 Wednesday 2024-09-11, 14:00-15:30 UTC / 16:00-17:30 CEST
- W39 Wednesday 2024-09-25, 14:00-15:30 UTC / 16:00-17:30 CEST
- W41 Wednesday 2024-10-09, 14:00-15:30 UTC / 16:00-17:30 CEST
- W43 Wednesday 2024-10-23, 14:00-15:30 UTC / 16:00-17:30 CEST



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# Flextime

**Thank you!**  
**Comments/questions?**

