

# Concise Binary Object Representation (CBOR)

Working group meeting

Chairs Barry Leiba, Christian Amsüss

Where IETF 121, Dublin

When 2024-11-05

## 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.

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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)

# Meeting tips

## In-person participants

- Sign in at Meetecho (required for bluesheets).
- We use Meetecho for queue management.
- Keep both your microphones and your speakers off.

## Remote participants

- We use Meetecho for queue management.

# Agenda

- Agenda bashing and current documents (4', chairs)
  - Hackathon report: Packed CBOR (1', CA)
  - `edn-literals` (15', CB)  
Continued discussion from IETF120
  - `cde` (15', LL)  
Comments on ALDR (was "application profiles")
  - `cddl-modules` (10', CB)  
Explaining problem and proposed solution
  - `lenders-dns-cbor` (10', ML)  
Motivation, Objectives, Updates, Name Compression
- Flex time: 5'



# RFC9581

was draft-ietf-cbor-time-tag

“CBOR Tags for Time, Duration, and Period”.

Released 2024-08-16.



Thanks to Carsten, Ben, Henk and reviewers.

# update-8610-grammar

in AUTH48

“Updates to the CDDL Grammar”.

AUTH48; last RFC editor update from 2024-11-04.



## More document status

- `more-control`: Submitted to IESG
- `edn-literals`: Ongoing discussion / see agenda
- `packed`: Implementation draft – try it out!
- `cbor-cde`: See agenda
- `cddl-modules`: See agenda
- `e-ref`: Exists

# Hackathon report

Refusing to change into a non-chair slide deck for just one slides.

Implementing unpacking packed CBOR ... before breakfast.

Well, shared items. Argument items took another hour.

200 lines of Python code, as well as tests extracted from draft:

<https://codeberg.org/chrysn/cbor-packed-examples>



Also, see Martine's presentation.



## Reel change



(Please continue to individual slots' slides.)

Images: Piñata, laptop, reel, finish-line and calendar by Delapouite, balloons by Lorc, all CC-BY 3.0

## Next interim series

Same procedure as every year



Proposed dates: Wednesday 15:00–16:00 UTC<sup>1</sup>

2024-11-27

2024-12-11

2025-01-08

2025-01-22

2025-02-05

2025-02-19

2025-03-05 (after cut-off)

try the bi-weekly cadence one more period

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<sup>1</sup>as always following European DST

# AOB

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<sup>2</sup>Except for the title