

# CoRE

October 27th (Wednesday), 14:00–15:30 UTC

— YANG-CBOR

<https://datatracker.ietf.org/doc/draft-ietf-core-yang-cbor/>

— CORE-SID

<https://datatracker.ietf.org/doc/draft-ietf-core-sid/>

Status: IESG Evaluation::AD Followup

yang-cbor: Has 1 DISCUSS.

core-sid: Has 3 DISCUSSes.

# Status

Processing DISCUSSES and COMMENTS:  
about 60 % done.

Had to submit -17s for I-D deadlines.

One DISCUSS (Ben on yang-cbor) cleared.

Lots of comments remain as well.

<https://github.com/core-wg/ietf-yang-cbor/issues>

<https://github.com/core-wg/ietf-yang-cbor/pulls>

# YANG extensions

- We already do: `rc:yang-data` (RFC 8040)  
also used for SID files
- YANG data structure extension (`sx:structure`) in RFC 8791
- YANG metadata (`md:annotation, @stuff`) in RFC 7952
- Do we scramble to include these (risky)?  
or do another document for these?

And (somewhat unrelated):

- Do we move the SID files themselves from `rc:yang-data` to RFC 8791?

## name-based instance-identifiers

RFC 7950 (YANG-XML): XPath, requires schema knowledge

RFC 7951 (YANG-JSON): cleaned up, almost XPath

YANG-CBOR SID: [1734, "bob", "admin", "france"]

YANG-CBOR name copies YANG-JSON: `"/ietf-system:system/authentication/user[name='bob']/authorized-key[name='admin'][country='france']/key-data"`

**Could** do: `[["ietf-system:system", "authentication", "authorized-key", "key-data"], "bob", "admin", "france"]`

# **clarifications needed**

feature encoding, non-data-nodes in general

# tasks

Schema node vs. data node cleanup (RW, too)

YANG dance (module versions etc.)

Editorial, e.g., sourcecode type review

# YANG-SID-PEN

## — YANG-SID-PEN

<https://datatracker.ietf.org/doc/draft-bormann-core-yang-sid-pen/>

Shows how to use megaranges for zero-threshold allocation of 100k each SIDs to the first 1M PEN holders (about 60000 registered after two decades). These are 64-bit SIDs, though, so other ways to obtain SIDs may be preferred.

comi.space is another way, with a different threshold function. We don't know who will run it in the long run.

Plan: Have this document ready, but do not act on it (decide whether to go forward, adopt etc.) before the YANG-CBOR/-SID RFCs.

# The plan

- Process the rest of the issues
- Respond to ADs (where a response is needed)
- Have a author team sync meeting on Nov 2
- Submit -18 on Nov 7