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