

Ongoing work on draft-ietf-core-comi-21

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

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CoRE WG, 2026-10-21

8 Issues

#30 (vvilimek) editorial: Erroneous RPC example

#29 (vvilimek) Hard to implement processing of POST method

#23 (vvilimek) Event stream resource type name

#22: (vvilimek) CORECONF Streaming Error Handling

#20 (cabo) »null« is a valid data item in YANG/CBOR; need to do indicate absent/removed nodes differently

#19: (vvilimek) Consistent Usage of SID number in Examples

#16: (cabo) Add examples for RPC/action without input parameters

#14: (cabo) Section 2.3: Examples of each media type would be helpful here

PRs

- #36 • apelov • Short answers...: depth/fields, transport, example SIDs, stream errors
- #35 • apelov • Add an annex that lists the SIDs used in the examples (#19)
- #34 • apelov • Add examples of an RPC and an action invoked without input (#16)
- #33 • apelov • Add an example payload for each Media-Type (#14)
- #32 • apelov • Corrections that I believe are non-controversial
- #31 • apelov • iPATCH: state atomicity, order and success code
- #28 • vvilimek • Add missing Media-Types to overview table
- #27 • vvilimek • Editorial: CoAP Diagnostic notation
- #26 • apelov • Specify how a SID is encoded in a URI path segment
- #25 • apelov • Use CBOR undefined (0xf7), not null, as the absence/removal marker
- #18 • vvilimek • Event stream: Allow empty messages

Editorial PRs and small fry

- #36 • apelov • Short answers...: depth/fields, transport, example SIDs, stream errors
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- #33 • apelov • Add an example payload for each Media-Type (#14)
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Not quite trivial

#31 • apelov • iPATCH: state atomicity, order and success code

iPATCH is atomic as per RFC 8132 section 3
forces us to revert previous decision to do iPATCH sequentially
significant increase of implementation complexity

#26 • apelov • Specify how a SID is encoded in a URI path segment

We removed SIDs in URIs previously

Now reverting:

discovery yields URIs and not FETCH input

(Use existing, previously removed text)

#25 • apelov • Use CBOR undefined (0xf7), not null, as the absence/removal marker

Not a trivial change, but pretty much agreed now:
null is used for actual data in YANG-CBOR
so, in a merge-patch, instead use undefined to remove items

#18 • vvilimek • Event stream: Allow empty messages

Discussed this on 2026-04-22

Have we cleared out the confusion between empty arrays and empty encodings?

Next steps

- Get broader review of the PRs
- Submit –22 with agreed PRs applied
- Discuss further at SFO IETF