

CoRE: corr-clar

draft-ietf-core-corr-clar is about **corrections** and **clarifications**

Working document of CoRE WG, living on GitHub

32 active issues, mound slowly eroding in CoRE interims

INCOMPLETE → FORMAL ADDITION

INCORRECT → CORRECTED

Issue from Interim 2025#4 (2025-02-26): **Gaps?**

corr-clar Gaps

Gap:

The [...] semantics of the current protocol are clearly defined, but can be **unsatisfactory** given the current requirements.

PR #45: **BERT missing from datagrams**

(See also issue #35, e.g. **observe notification numbering**)

Gaps can lead to fixes that just

- exploit orthogonality
- extract commonality

corr-clar: Accept GAP category?

GAP → DIRECTION

DIRECTION **incubates** actual update
(needs separate document to actually come into force)

Accept this as another category in corr-clar?

CoRE: CoRECONF

- RFC 9254: YANG-CBOR (2022-07-18)
- RFC 9595: CORE-SID (2024-07-31)
- WGLC passed 2023-09-18 (→ -17): CORE-COMI
- WGLC passed 2020-09-26 (→ -03): CORE-YANG-LIBRARY

Priority now: **Get the SIDs in place**

Getting the SIDs in place

Target: generate SIDs for all YANG models from RFCs

Snapshot: <https://tzi.org/~cabo/rfcmmod> (232 models)

Plan:

- allocate a SID range for each RFC model
- run SID generation again for that range
- **check** ".sid" file
- register range and ".sid" file with IANA
- Fix PYANG to cover more RFC models (~10 crashes)

CoRE: CRIs (HREF)

draft-ietf-core-href defines **CRIs** and **CRI references**

Extract information model from URIs and URI references

Do concise RFC 3986/7 equivalent in a CBOR data model

- -20 (2025-03-16): draft-ietf-core-href-20
 - Covers all WGLC comments
 - Submit to IESG or 2nd WGLC?

HREF: from -18 to -20

- Tons of editorial overhaul
 - Try **not** to have the (quickly outdated) scheme number list in the RFC
 - Fix terminology
 - Some separation of URI and CRI terms
 - Define and use "CRI text string" (NFC assumption)
 - Clarify request for indefinite length encoding

HREF: from -18 to -20 (technical)

- Add explanation of stand-in items
- Register a tag for CRIs
 - Add CRI" to cri" EDN application-extension
- Do not call top-level CRI components "absent"
 - Straighten out query to be an array, like path (cf. CoAP!)
 - Define tail component elision via default list
- scheme-name is now a .feature
 - assign 1+1 scheme-numbers for coap+ws/coaps+ws
 - Proxy-Scheme and Proxy-Scheme-Number don't mix

Submit to IESG or 2nd WGLC?

[insert opinion here]