


(1) CoRE: CoRECONF

- RFC 9254: YANG-CBOR
- Was in IESG already: CORE-SID
- WGLC passed CORE-COMI
- WGLC passed CORE-YANG-LIBRARY

Status

- `core-sid` -21 2023-08-30 
 - no longer waiting for tooling update
→ manually fixed SID file example
 - should be ready for WGLC after that
- `comi` -14 2023-07-10:
 - cbor-seq, YANG fixes, RPC example,
 - **POST**: skip "input"/"output" identifiers (redundant!)
- `comi` -15 submitted 2023-07-23 after IANA early review
 - check with co-authors: ready for WGLC?

YANG SIDs: Example fix

SID file: (YANG-)JSON now

Easier to edit: CSV (comma-separated values)

`sid-csv` tool: converts SID file from/to CSV

```
1716,data,/ietf-system:set-current-datetime/current-datetime,
```

→

```
1775,data,/ietf-system:set-current-datetime/input,
```

```
1776,data,/ietf-system:set-current-datetime/input/current-datetime,
```

for RPC/actions (-21). ¿Do we need `phantom` identifiers like:?

```
1777,data,/ietf-system:set-current-datetime/output
```

```
1778,data,/ietf-system:system-restart/input
```

(2) CoRE: CRIs (HREF)

draft-ietf-core-href defines **CRIs** and **CRI references**
Concise equivalent of URIs and URI references (RFC 3986)

-12 (2013-03-06): Add full coverage of all URI schemes supplying negative integers that can be used in their place (open IANA questions how to make this registry run)

-13 (2023-07-10): → WG last call (until 2023-07-24)

CRIS (HREF): Status

WGLC passed

→ extensive review from Marco: → PR#75

To do:

- PR#75 mostly completed, needs reviews
- #76 update Changes section (editorial)
- #77 more test vectors. [More test vectors.](#) (#52, #53)
- and...

Missing: CoAP Options!

- Proxy-CRI: analogous to Proxy-URI
 - Proxy-Scheme-Number: analogous to Proxy-Scheme (text string)
 - mirror negative scheme number to non-negative ($-1 \rightarrow 0$, $-2 \rightarrow 1$)
- add these ("1+1 space")
- submit -14 (another WGLC for the CoAP Options?)
- ship it

(3) **draft-...-core-corr-clar**

Gather corrections and clarifications:

(old idea, picked up again in 2022-12-07 interim)

<https://github.com/core-wg/corrclar/issues>: Discussions




Back and forth with discussions on implementation
repos:

e.g.,

<https://github.com/eclipse-californium/californium/pull/2088>

Current discussions about Block-wise Transfer

<https://github.com/eclipse-californium/californium/pull/2088>

- Californium client:
used same Token for all of a Block-wise Transfer
- Zephyr Server started to rely on that for state management
- Californium changed:   

Discussion about Californium option to reinstate old behavior
→ forking CoAP (Zephyr only works with clients that use
Token in this way)

General discussion about FETCH, Block1, Block2

POST transfers can have large bodies, → Block1 and Block2

POST requests usually not stateless: continuing a Block2 retrieval can leave out Block1 (RFC 7959, Section 2.7)

FETCH also can use Block1 and Block2

RFC 8132: "Works like POST"

: FETCH requests often would like to be stateless!

Proposed corr-clar process

[PROCESS] <https://github.com/core-wg/corrclar-process/blob/main/process.txt>

[ISSUES] <https://github.com/core-wg/corrclar/issues>

[FAQ] <https://github.com/core-wg/wiki/wiki/CoAP-FAQ>

1. Go through available material (issues, FAQ) and **revise/create Github issues** as needed
2. Categorize the Github issues into **topics** (dedicated team)
3. **Confirm** each issue with the CoRE WG, get feedback from protocol designers/implementors:
 - **include** and cover in -corr-clar, as is or revised; or
 - simply **omit** in -corr-clar; or
 - **leave** for a possible -bis document (e.g., for some specific points related to RFC 7959?)
4. **Reshape** the -corr-clar document in order to
 - include the present process
 - reflect a sequence of pairs (**Diagnosis, Therapy**)
5. Once done: consider WG **adoption**.
6. **WG document work** can focus on improving the therapy parts