

ACTION VERBS for a API specific to the CBDC use-cases.

The idea is that we are viewing the API from outside the blockchain (and calling the APIs).

These verbs are independent of the actors/roles and the authorizations needed to invoke the APIs. In some cases, there may not need to be any authorizations (e.g. permissionless blockchain).

It also does not dictate how the blockchain (behind the API) actually implements the actions.

(a) Create value that does not yet exist in the blockchain:

MINT (caller_id; caller_authorization; blockchain_id; value_amount; ...)

(b) Destroy value that exist in the blockchain:

BURN (caller_id; caller_authorization; blockchain_id; value_amount; ...)

(c) Transfer control over value from one actor to another (within the same blockchain):

TRANSFER (originator_id; beneficiary_id; blockchain_id; value_amount; ...)

(d) Inquire about value that may exist in the blockchain:

VIEW (caller_id; caller_authorization; blockchain_id; holder_id; ...) (edited)

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LOCK

RELEASE

BLACKLIST

FREEZE

CLAWBACK/SEIZE

PLEDGE TO

REDEEM FROM