SATP Core – Updates

draft-ietf-satp-core-04

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Updates to SATP Core draft

• Verifications in Stage-0
• Clarification of API Types
• ContextID and SessionID
Verification in Stage-0 (Out of Scope)

Stage 0: Pre-Transfer Verifications
- Verify Asset Type, Identifier, Owner
- Verify Originator & Beneficiary
- Verify Gateway-Operator of G2

Stage 1: Transfer Initiation & Commencement
- Stage 2: Asset Locking and Receipt Confirmations
- Stage 3: Commitment Preparation & Commitment Finalization

Asset Network NW1 (e.g. DLT, DB, Monolithic)

Gateway G1

Gateway G2

Asset Network NW2 (e.g. DLT, DB, Monolithic)
API Types Clarification

• API discussions moved to Appendix
  • API2 is at peer gateways (satp-core flows)
  • API3 pertains to off-network resources/registries
  • API1 pertains Application-to-gateway interface

• May need separate drafts to define API1 & API3 and the endpoint behaviors
  • Currently out-of-scope
ContextID (transferContextID)

• Should be based on the combination of the verified asset in NW1 and the network-address of NW1
  • Globally unique asset-ID

• This combination enables locking mechanism to operate correctly on the asset in NW1
  • See: draft-zhang-satp-network-identification-00

• Early thoughts on transferContextID can be found in draft-avrilionis-satp-setup-stage-00
Thank You and Q&A