SATP Core – Updates

draft-ietf-satp-core-10

SATP Working Group

IETF123 Madrid

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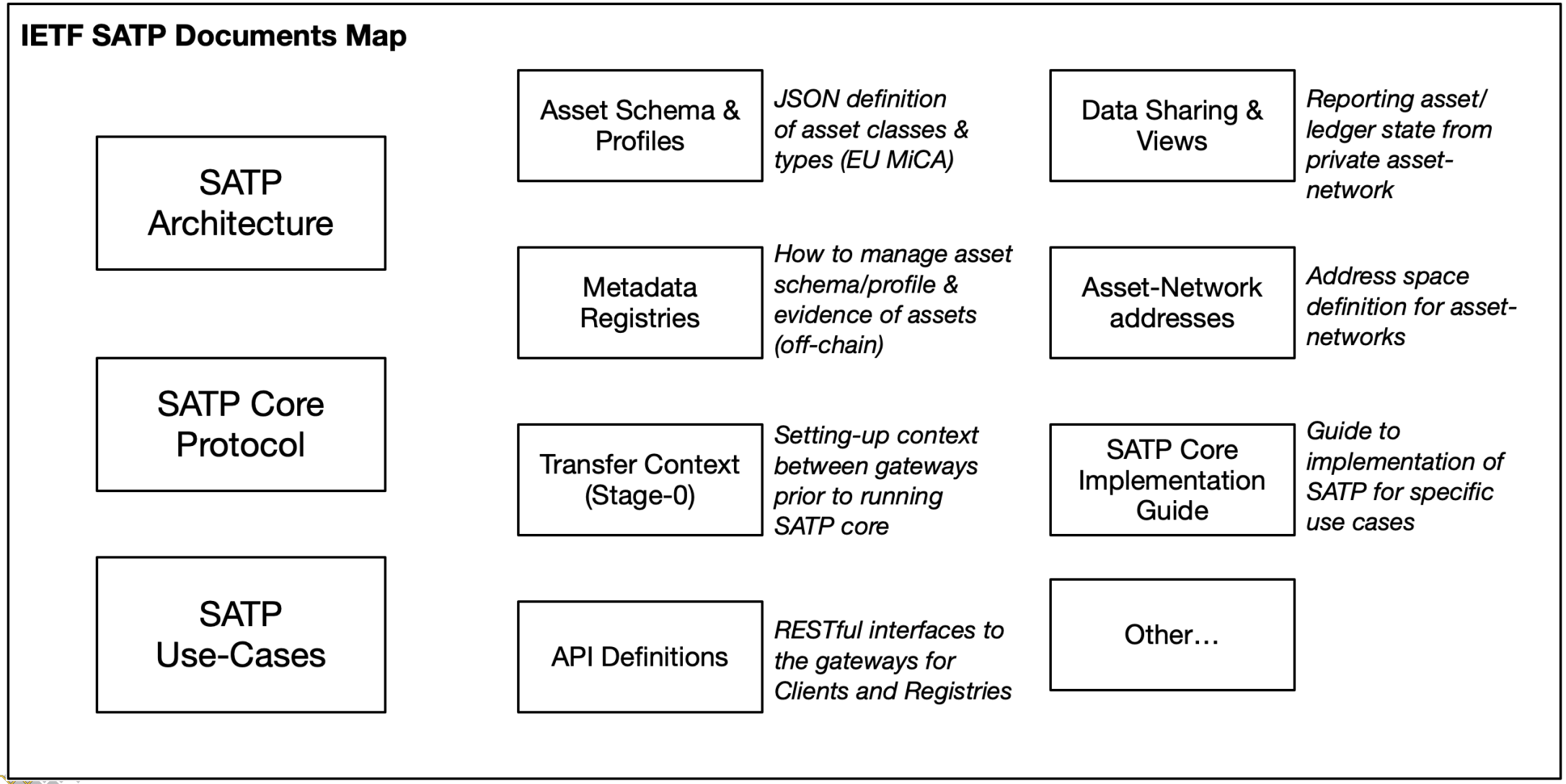
Update on SATP Errors messages

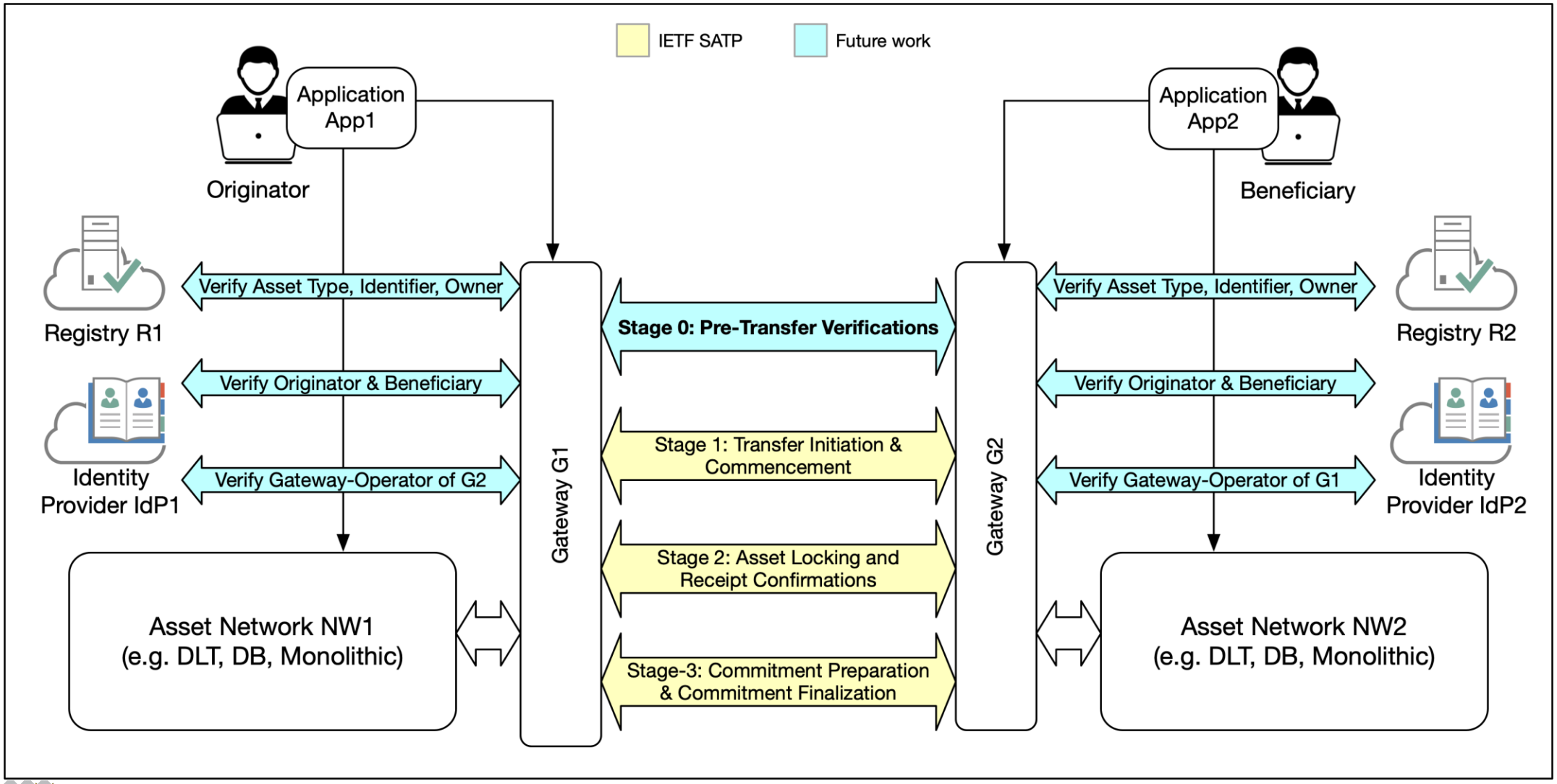
- Error messages:
  - Each error-code matches flow-number in the Figure
- New message type for errors and payload:
  - New message type: `satp:msgtype:error-msg`
  - hashPrevMessage replaced with message-type of previous message deemed to be erroneous

Security Considerations Text

- Disruptions in transfers and denial of service
  - May costs CPU and fees to both gateways G1 and G2
- Intentional delayed delivery by dishonest gateway:
  - If G1 intentionally drops the commit-final-msg such that G2 times-out, then G2 may suffer financial loss (rollback; fees)
  - If G2 intentionally drops the ack-prepare-msg such that G1 times-out and terminates protocol run, then G1 wastes resources
- Protection of gateway keys
- Identification of networks

Simple Map of Drafts & Documents



Thank You and Q&A

Verifications in Stage-0