

2022-02-07 TSWG Meeting Notes

Meeting Date

- 24 Jan 2022

Zoom Meeting Link / Recording

- <https://zoom.us/j/98733571820?pwd=Z09yRWVCRUItNU0JVc0lvYkNhWk42UT09>
(This link will be replaced with a link to the recording of the meeting as soon as it is available)

Attendees

- [Darrell O'Donnell](#)
- ([Drummond Reed](#)) <== absent due to a work conflict
- [Vikas Malhotra](#)
- [Daniel Bachenheimer](#)
- ...

Main Goals of this Meeting

1) Task Force updates, 2) review of the [Composable Event Streaming Representation \(CESR\) Internet Draft](#).

Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	• Start recording • Welcome & antitrust notice • Introduction of new members • Agenda review	Chairs	• Antitrust Policy Notice: Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws. Only members of ToIP who have signed the necessary agreements are permitted to participate in this activity beyond an observer role. • New Members:
5 min	General announcements	All	Updates from TSWG members of general interest to the group.
5 mins	Review of Action Items from the previous meeting	Chairs	☐ Darrell O'Donnell to prepare a ToIP github for the Trust Registry Task Force and the ToIP Trust Registry Protocol Specification.
15 mins	Task Force Reports	TF Leads	Trust Registry TF — Darrell O'Donnell • -- ACDC TF — Samuel Smith Phil Fearheller • -- Technology Architecture TF — Darrell O'Donnell • Next meeting will have a deep-dive into CESR (see below)

15 mins	TODAQ	Dann Tolliver	discussion of TODA protocol by Dann Toliver: - Dann has been observing - and introduce by Shermineh Salehi Esmati - TODA - not a system (doesn't do consensus) it is a data structure approach aimed at quality. - e.g. money, gift certificate, my account, identity document, - stateful assets in particular - state changes/evolved (e.g. ownership, properties change, move device holding) - e.g. government credential - allowed to move? what needs to happen for it to move. - Book-Entry assets - state is known in book (file cabinet) and need to go to physical location - Physical Asset - bearer certificate (e.g. ice cream loyalty card with punches). Act of making it physical - implies state changes... but when it returns it has the integrity as if it had been in their book the whole time. - Digital Domain - - Axis 1 - Physical/Digital - Axis 2 - BOOK ENTRY / non-BOOK ENTRY - Book Entry - anchored to something known (e.g. system of record, ledger, etc.) - non-Book Entry - asset is "mobile" and held outside of the book (bearer instrument) - Guarantees - going between BOOK/non-BOOK (e.g. bank to cash; "well-formed rig" structure about the integrity "as if it had been in the (source of truth) system the whole time" - TODA proof structure is aligned with KERI key rotation - Research and core development is open and unencumbered. TODAQ commercializes by building on top of it.
25 mins	Introduction to CESR	Samuel Smith Phil Fearheller	Composable Event Streaming Representation (CESR) as defined by this Internet Draft is a solution to the very knotty problem of how to achieve interoperable streaming representations of cryptographically signed and encrypted payloads. Samuel Smith will explain why the KERI community believes it is an essential component of an Internet trust spanning layer. -
5 mins	Any other business		
5 mins	- Review decisions /action items - Planning for next meeting	Chairs	

Screenshots/Diagrams (numbered for reference in notes above)

#1

Decisions

☐ Sample Decision Item

Action Items

☐ Sample Action Item