

2023-03-09 TRTF Meeting Notes

Meeting Date

- 09 Mar 2023 The ToIP Trust Registry Task Force (TRTF) meets weekly twice every Thursday at the following times (to cover global time zones - see the [Calendar of ToIP Meetings](#) for full meeting info including Zoom links):
 - NA/EU 07:00-8:00 PT / 15:00-16:00 UTC
 - APAC 18:00-19:00 PT / 02:00-03:00 UTC

Zoom Meeting Link / Recording

- NA/EU MEETING: https://zoom.us/rec/share/n_cni24BoSeYGISfBU43Jr9fUFdAGAOW9dgQogP5Cg75tumQFRke_3jfBfwa6jx.atHp2lb3SuqmLu0H
- APAC MEETING: <https://zoom.us/rec/share/zFKi0KgjkjVyUSlbsWT-80Jg2r3y0B0jy4GPHA6DaHv7Jlz6o0LKhZg1vrQiduVQ.Q2jBaYCBq8TJ27mt>
(These links will be replaced with a link to the recording of the meeting as soon as that is available)

Attendees

NA/EU Meeting

- [Darrell O'Donnell](#)
- [Antti Kettunen](#)
- [Andor Kesselman](#)
- [Clare Nelson](#)
- [sankarshan](#)
- [Mathieu Glaude](#)
- [Kaliya Young](#)
- [Michael Palage](#)
- [Scott Whitmire](#)
- [Sam Curren](#)
- [Jacques Latour](#)
- [Hadrien Seymour-Pro](#)
- [Neil Thomson](#)
- [Viky Manaila](#)
- [Scott Perry](#)
- [Savita Farooqui](#)
- [Tim Bouma](#)
- [Darrell O'Donnell](#)
- [Christine Martin](#)
- [Drummond Reed](#)
- [Lucy Yang](#)
- [Daniel Bachenheimer](#)
- [Abbie](#)

APAC Meeting

- [Darrell O'Donnell](#)
- [Andor Kesselman](#)
- [Drummond Reed](#)
- [Daniel Bachenheimer](#)
- [sankarshan](#)
- [Dima Postnikov](#)
- [Neil Thomson](#)

Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	<ul style="list-style-type: none">Start recordingWelcome & antitrust noticeIntroduction of new membersAgenda review	Chairs	<ul style="list-style-type: none">Antitrust Policy Notice: <i>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.</i>New Members:

1 0 m in	Review of previous action items & key discussions	Chairs	
1 0 m ins	Presentation	Darrell I O'Donnell	<p>Darrell said he is consolidating some concepts together and presentings shortly.</p> <ul style="list-style-type: none"> • Concept separation <ul style="list-style-type: none"> ◦ Difference: Technology, Governance, and Ops <div data-bbox="532 310 1398 812" data-label="Diagram"> </div> <ul style="list-style-type: none"> • Tim: <ul style="list-style-type: none"> ◦ We've been looking at things a little too narrow. ◦ Delegations <ul style="list-style-type: none"> ▪ Responsibility vs. Accountability ▪ Accountability vs. Authority ◦ Flip the question around: <ul style="list-style-type: none"> ▪ Do I trust this becomes is this properly delegated? • Scott: <ul style="list-style-type: none"> ◦ Is verify a role or an operation provided by the network? If the former, we now have to establish trust for the verifier. If the latter, it's baked into the infrastructure and hard to attack. ◦ This is why we we defined an administrator as a proxy for a governing authority. The term Operator does not connote accountability. • Neil: <ul style="list-style-type: none"> ◦ Other Key TR/EGF roles: Auditor ◦ Other TRs. ◦ How do EGF's talk to another? What do they need? Link in the DID Document. • Savita: <ul style="list-style-type: none"> ◦ Definition of governance vs. operations needs to be clarified. ◦ Dictionary definition: direction and control

- Note: 3rd generation will be generated

Governance needs to define:

- Who governs, who are governed (roles, responsibilities)
- How governance decisions / policies are made (decision/policy making processes)
- What decisions/policies are needed/made? (policies – content, structure)
- How are the decisions/policies implemented? (execution, enforcement)
- What incentives may be used?

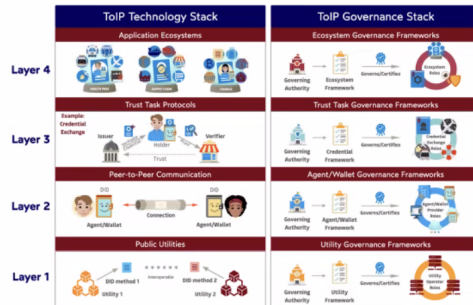


Figure 1: Conceptual diagram of the ToIP stack

Layer 4 Governance Targets: (the ecosystem exists for each layer, so these business focused targets exist at each layer too, in addition to others identified below)

- Ecosystem
- High level requirements that may be addressed at lower levels
- Business value, models, objectives
- Data, credential standards, schema definition (generic, industry, ecosystem specific)
- Interoperability
- Regulations, compliance, reporting requirements

What provides trust for these items? What role reputation may play? What key requirements should they meet?

Layer 3 Governance Targets:

- Trust Protocol – agreement on what happens when, what data is exchanged, how, security, privacy and other concerns, is trust maintained through all steps?
- Issuer, Holder / Wallet, Verifier (roles / systems / policies) – what each does? are they authorized to do what they do? Do they follow trust principles and protocols? (trust registries, functions, requirements – privacy, security...)
- Universal issuer, verifier, wallets?
- Verifiable Credential – structure, semantics, schema definition, schema registry
- Verifiable Credential lifecycle (how it moves through the hands of different roles)
- Trust Registries – special purpose, universal? who can join? What requirements? KYC? What makes these items trust-worthy?

Layer 2 Governance Targets:

- Communication protocol
- Agent / Wallet (security, data standards ...)

What makes an Agent or Wallet trust-worthy? What key requirements should they meet? For example, abide by certain standards, follow xyz processes, audit technical solution, governance definition published and meets ToIP design principles etc.?

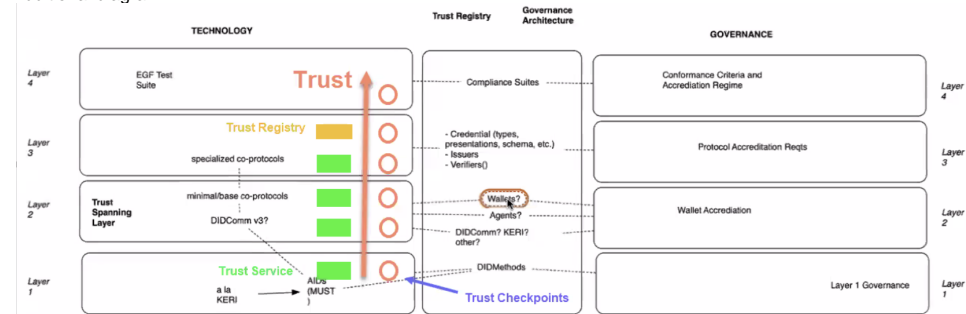
Layer 1 Governance Targets:

- Operational utility (hyperledger infrastructure)
- Who is involved – roles and responsibilities
- Verifiable identity / DID registry – who is who?
- DID method
- DID resolver / universal DID resolver
- DID Doc structure and semantics (could be refined in the layers above?)
- DKMS - Key Management

What makes a utility or DID method / infrastructure trust-worthy? What key requirements should they meet?

Savita Farooqui

Additional diagram



30 mins

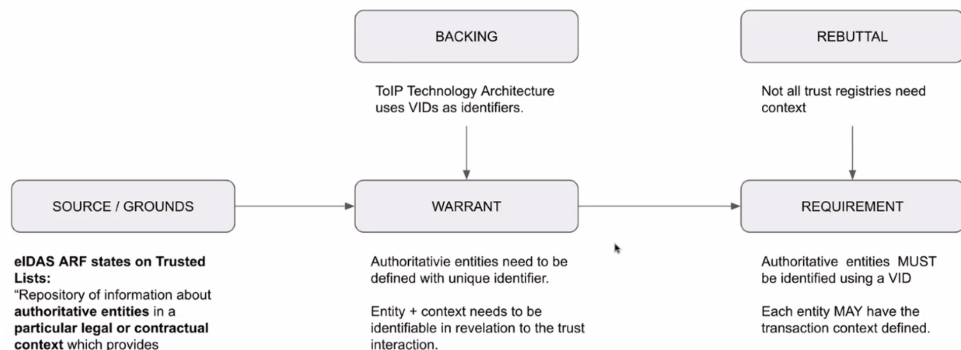
Requirements gathering

Antti Kettunen

Continue gathering requirements for the Trust Registry proposals. We'll be working in PR#80 <https://github.com/trustoverip/tswg-trust-registry-tf/pull/80>

- Andor: cares about prioritization requirements relative to a goal.
- Scott: common set of objectives.

In practice



eIDAS ARF states on Trusted Lists:
"Repository of information about **authoritative entities** in a **particular legal or contractual context** which provides information about their **current and historical status**. Trusted Lists can be implemented in different ways."

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5 m ins	<ul style="list-style-type: none"> Review decisions /action items Planning for next meeting 	Chairs	
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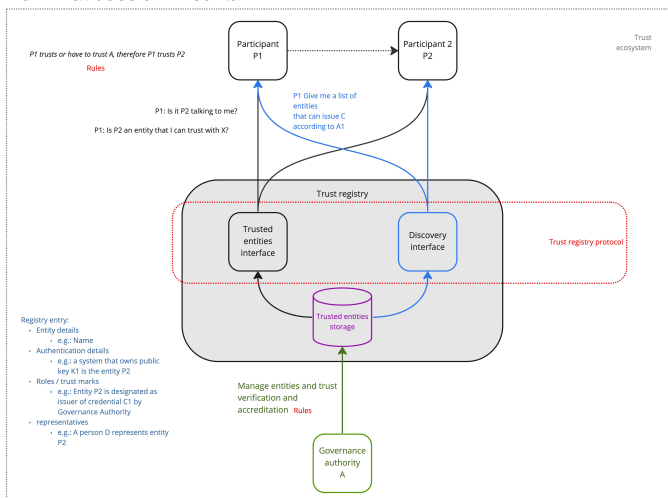
Screenshots/Diagrams (numbered for reference in notes above)

#1

Proposal Section

STRAWMAN of TRTF Objectives:

- Objective:
 - Timeline Objectives:**
 - Adoption Objectives:**
 - Technical Objectives:**
 - The primary objective of this Task Force is to develop the [ToIP Trust Registry Protocol](#) as a ToIP Specification. The purpose of this deliverable to enable interoperability between ToIP-compliant **trust registries**.
 - Drummond: "...trust registries as authoritative sources of the data necessary for the members of a digital trust ecosystem to make trust decisions about other members of that digital trust ecosystem or other digital trust ecosystems."
- Principles
- Architecture and Implementation *Implications*
- Comments/Thoughts:
 - Sankarshan: Do timelines and adoption need to be in the charter?
 - Dima: What's missing is a definition of what a trust registry is. What should be inside of the TR.
 - Neil: Technical Objectives -> Project Objectives -> Technical and Governance Specifications
 - Drummond: Charter not explaining what problem TR is solving.
 - Jo Spencer : Need more anchors
 - Equivalence of data
 - Rules
 - Daniel Bachenheimer : Is this primary objective TF : to define TR vs. TRP.
 - Jo Spencer TRP is an output
 - Daniel Bachenheimer x509 Certs to reference.
 - Drummond Reed : is CA a type of TR?
- sankarshan : My hunch is that if the following can be clearly written down there will be better understanding : what is this TF doing; when will that be done; how will this be produced; why is the TF doing it.
- Eric: What does a TR contain?



Decisions

- Sample Decision Item

Action Items

- ☐ Sample Action Item

