2023-12-07 TRTF Meeting Notes

Meeting Date

- 05 Jan 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/j/99576264894?pwd=L0RQOXZtci83elJqY1o1dlZaTUx5Zz09
- APAC MEETING: https://zoom.us/j/92238278364?pwd=bXJoNzltMDJFdWZKWnovUG5MZk0rUT09
 (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 co-lead
- Antti Kettunen co-lead
- Andor Kesselman co-lead
- Drummond Reed
- Marcus Ubani
- Tim Bouma
- sankarshan
- Jesse Carter
- Daniel Bachenheimer
- Fabrice Rochette

APAC Meeting

- Darrell O'Donnell co-lead
- Andor Kesselman co-lead
- Drummond Reed

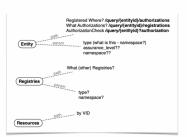
Agenda Items and Notes (including all relevant links)

Ti me	Agenda Item	Lead	Notes
5 min	Start recording Welcome & antitrus t notice Introducti on 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	Review of previous action items	Chairs	
3 0 mi ns	Update on Swagger & Requirements	Darrell O'Don nell	Major PR to accept (then review). https://github.com/trustoverip/tswg-trust-registry-tf/pull/112 UML Diagram Swagger Requirements (falling behind) EU/NA:

- API design: where do we use paths and where parameters?
 The path & parameter naming conventions: /{queryllookup}/{entityID}/{querytype}
 Antti Kettunen RESTful best practices support roughly the same model. We should make sure we align and understand how TR's are used => has impact on design & scalability. One place for REST API best practices to review against: https://restfulapi.net /resource-naming/ Antti Kettunen volunteered to help on the design issues.

Path & Parameter

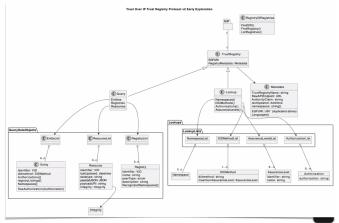
- /{path}/ for picking the Thing/Things
- /query/{entityid}/authorizations
- ?param for filtering/refining





PlantUML Object Model

v2/README.md



Styles/Approaches

- · VIDs vs. DIDs
- · object naming:
 - schema: ThingType and ThingListType
 - e.g. DIDMethodType and DIDMethodListType



DECISION Serving vs. Snooping • Browsing (snooping) vs. Simple Answers • RESTful APIs do NOT allow for optional Endpoints. Returning http errors is an option (weird and clunky) · May (LIKELY) drive the need for 2 APIs: • Basic for TRs that only answer basic questions (is entity authorized) and do NOT allow browsing · Common where there may be privacy or proprietary information (education, professionals, closed ecosystems) · Removes (at least) the ability to return Lists/Arrays (Entities, Entity Authorizations, Entity Registrations, Entity Namespaces, etc.) • "Rich" (need a better term) for full support and Registry-of-Registries capabilities · Common for open data (e.g. corporate registrations, public entities) Antti Kettunen · Need for understanding the various use cases of using the trust registry. This will affect the design of the API. There is likely possiiblity to enable monetization through the private API model. Would they be for querying collections or browse the Tim Bouma · How to do this without phoning home. Anything having personal data may be a liability Any new feature may also incur liabilities. How would / could one abuse or exploit this model? Tim Bouma agreed to help on think on the abuse/exploitation vectors sankarshan Adversarial impact and management of that impact is outside of our scope. It comes slightly later than now. · Should we really need a way to query the collections / lists? Q:Antti Kettunen What makes trust registry different from any other type of data product API? A: Darrell O'Donnell It's not really any different. Trust registry protocol is really about how you get access to the trust data. Q: Marcus Ubani When would I know when I need a trust registry? A: Darrell O'Donnell When your information is valuable outside of your own org. Usually one may think they don't need a trust registry, until they suddenly do. (so prepare for it). Antti Kettunen What makes trust registries different from API products is the assurances and/or liabilities. For example, enabling value through liability statements / guarantees: E.g. "we guarantee this data is correct. If not, you're able to sue us for max \$10K". The liability is what creates value. Schedule The TSP TF is shutting down for remainder of 2023. Shall we do the same? mi FU/NA: ns End of the year is busy, but it was agreed that 1-on-1 or topical meetings at other times during holiday season may be possible to work on the topics above. Let's decide it in Slack. 5 Chairs mi Review ns decisions /action items Planning for next meeting

Screenshots/Diagrams (numbered for reference in notes above)

Darrell O'Donnell presented the following.



Decisions

Sample Decision Item

Action Items

Sample Action Item