

Trust Registry Relay Decision

BACKGROUND: Discussion on ToIP Trust Registry TF (under TSWG) on 24JUN2021 raised a question about what a Trust Registry should be able to do in relation to relaying/aggregating data from other Trust Registries.

RECOMMENDATIONS (DARRELL)

- PREFERENCE (DARRELL): Keep things as simple as possible. If a Trust Registry is relaying information it should provide a guide to the “reader” out of band. This keeps the API as simple as possible so Trust Registry implementations that do not implement relay/aggregation are not burdened.
- BARE MINIMUM: Add a small amount of data to the response with attributes that indicate whether the source Trust Registry is (or is not) the Primary Authority. Attributes could be added such as:
 - PrimaryAuthority (boolean) - FOR CONSIDERATION TRUE (default) means that this Trust Registry is the source of truth for this specific EGF. FALSE indicates that this Trust Registry is NOT the source of truth. This may mean that the registry is relaying static or dynamic copies of data from another source Trust Registry.
 - Trust Registry Identifier (URI? DID?) - how do we identify the Trust Registry or should we be identifying the
- ADVANCED - adding an API that supports synchronization of registries so they can automatically gather data amongst each other is a possibility. However, this kind of approach is, in your author’s opinion, deeply overreaching. There are known patterns for data replication in IT/tech that can be applied and each approach (DB replication, messaging systems, etc.) is wildly different.