Trust Registry Task Force

-背景
-目标
-背景
-领导
-会员和参与
-成果
-GitHub仓库
-知识产权（版权、专利、源代码）
-里程碑
-依赖关系
-会议日程和笔记
-邮件列表和沟通
-常见问题

此页面是TSWG信任注册任务小组（TRTF）的章程。请参阅Meeting Page获取每个会议的会议议程和笔记。

背景

ToIP技术栈工作组（ToIP Technology Stack WG）于2021年6月创建了TRTF，以响应在Good Health Pass Interoperability Blueprint工作中识别的市场空白。第一代TRTF迅速创建了第一代信任注册协议（TRP）规范，并在2021年9月发布以供社区审查。在那之后，TSWG的工作转移到了技术架构工作组（TATF）来开发ToIP技术架构（TAS）。随着2022年12月TAS的发布和ToIP技术架构V1.0规范的发布，以及市场对去中心化信任注册（信任列表）的需求的增长，TSWG于2022年12月启动了第二代TRTF，以生产可用于提交给正式SDO如ISO的完全可行的规范。此外，还有与Decentralized Identity Foundation（DIF）的Clubs和Credentials工作组的工作正在进行中，第二代TRTF将与DIF和Credentia的Trust Establishment工作合作。

目标

此任务组的主要目标是开发ToIP Trust Registry Protocol规范。此成果的目的是为了在ToIP-compliant信任注册中实现互操作性。

背景

ToIP基金会的目标是定义一个完整的互联网规模的信任架构，该架构结合了机器层的加密信任和业务、法律和社会层的人类信任。ToIP堆栈有两层——技术堆栈和治理堆栈——在四个层上进行操作：1）Utility（DLT区块链），2）Agent/Wallet，3）Credential Exchange（Issuer/Verifier/Holder）和4）Ecosystem（Application）。有关详细信息，请参阅ToIP白皮书。

A core role within ToIP Layer 4 is a trust registry（previously known as a member directory）。This is a network service that enables a governing authority for an ecosystem governance framework（EGF）to specify what governed parties are authorized to perform what actions under the EGF. For example:

1. What issuers are authorized to issue what types of verifiable credentials.
2. What verifiers are authorized to request what types of verifiable presentations.
3. What other trust registries（and their governing authorities）are trusted by a host trust registry.
As with all layers of the ToIP stack, the purpose of a ToIP specification is to enable the technical interoperability necessary to support transitive trust across different trust communities implementing the ToIP stack. In this case, the desired interoperability outcome is a common protocol that works between any number of decentralized trust registries operated by independent governing authorities representing multiple legal and business jurisdictions. One specific example of this need is the digital trust ecosystem defined by the Interoperability Working Group for Good Health Pass (GHP). The GHP Trust Registries Drafting Group produced an extensive set of recommended requirements for a GHP-compliant trust registry.

Leadership

The leads of the second-generation TRTF are:

1. Darrell O'Donnell
2. Antti Kettunen
3. Andor Kesselman

Membership and Joining

Prior to participating in the meetings, please ensure that you are a member of the Trust Over IP Foundation (Contributor Membership is free to both organizations and individuals). More details can be found at this link.

To join this TF, add your name to this list:

- Drummond Reed, Gen
- sankarshan
- Vitor Pamplona, PathCheck Foundation
- Ken Adler
- Jim St.Clair
- John Walker
- michael boyd
- Eric Drury
- Mike Richardson
- Daniel Bachenheimer
- Savita Farooqui
- Antti Kettunen
- Vikas Malhotra
- Jacques Latour, CIRA
- Sumabala Nair
- Thomas Besore
- Christine Martin
- Scott Whitmire
- Neil Thomson
- Steve McCown, Anonyme Labs
Deliverables

1. **ToIP Trust Registry Protocol Specification**. This is a formal specification of a protocol for interactions with a ToIP-compliant trust registry service.
2. **OpenAPI 3.0 API** (managed in GitHub).
3. **X.509 DID Interop** guidance.

GitHub Repository

- Home
- Issues
- Discussions

Intellectual Property Rights (Copyright, Patent, Source Code)

As a Task Force (TF) of the Technology Stack WG (TSWG), the TRTF inherits the IPR terms from the TSWG JDF Charter.

- Copyright mode: OWFa 1.0 (available at https://www.openwebfoundation.org/the-agreements/the-owf-1-0-agreements-granted-claims/owfa-1-0)
- Patent mode: OWFa 1.0 (available at https://www.openwebfoundation.org/the-agreements/the-owf-1-0-agreements-granted-claims/owfa-1-0)
- Source code: Apache 2.0 (available at http://www.apache.org/licenses/LICENSE-2.0.html)

This Task Force is not currently expected to produce source code.

Milestones

Key milestones will include, but are not limited to:

1. Publication of the first Draft Deliverable via a GitHub repo.
2. Publication of the final Draft Deliverable.

The work of this Task Force will be complete when the Working Group Approved Deliverable is approved by the TSWG.

Dependencies

- This TF SHALL build on the trust registry requirements developed by the Trust Registries Drafting Group of the Interoperability Working Group for Good Health Pass.
- The requirements for governance of a ToIP trust registry MUST be coordinated with the Governance Stack Working Group.

Meeting Schedule and Notes

The TRTF holds two meetings — one on NA/EU time zones and one for APAC time zones — every Thursday. Please see the ToIP Calendar for the exact meeting times and Zoom links.

See the Meeting Page for links to the meeting agenda and notes for each meeting (including the Zoom links for joining a meeting and for listening to a recording of the meeting).

Mailing List and Communications

This task force uses the following for communications

- **Slack**: #tswg-trust-registry-tf <= This channel encouraged for regular comms.
- **Mailing List**: There is currently no separate mailing list; this task force uses the main TSWG mailing list: technical-stack-wg@lists.trustoverip.org.
FAQ

1. **Q:** Why can’t we simply use VC’s instead of a TR? **A:** At some point you MUST step out of a VC to say “and who says you are the authority”