TRUST Over IP FOUNDATION

All-Member Kickoff Meeting

20 May 2020—10:00-11:00 PT / 17:00-18:00 UTC

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Agenda

- Welcome and membership update (5 min)
- Collaboration tools (10 min)
  - LF collaboration suite (Todd Benzies)
  - Github repo structure proposal (Dan Gisolfi)
- Working Group overviews from the conveners (32 mins - 8 per WG)
  - Governance Stack WG (Drummond, Scott Perry, Tom Plagge)
  - Technical Stack WG (Matt Davies & Dan Bachenheimer)
  - Utility Foundry WG (André Kudra)
  - Ecosystem Foundry WG (Mike Vesey & Karl Kneis)
- Q &A (10 mins)

Welcome and membership update (Drummond)

- At our launch on May 5th, we had 29 total organizational members
  - 17 Steering Members
  - 12 Contributor Members (all Organizations)
- As of today, we have 68 total members
  - 18 Steering Members
  - 47 Contributor Members (Organizations)
  - 3 Contributor Members (Individuals)

Collaboration tools — Linux Foundation standard package (Todd)

- Groups.io (lists.trustoverip.org)
  - All Members are automatically added to the All Members mailing list all-members@lists.trustoverip.org.
  - Please note that the mailing lists have all been configured to be publicly viewable for openness, but only companies, organizations, or individuals that have signed the ToIP agreements will be able to post/"contribute" to the lists.
  - To join a WG, simply self-subscribe at lists.trustoverip.org (Governance Stack, Technical Stack, Ecosystem Foundry, Utility Foundry)
- Confluence (wiki.trustoverip.org)
  - If you do not already have an LFID, please create one at the top right of the wiki to be able to edit.
- Web (www.trustoverip.org)
  - In the interim, please send updates directly to tbenzies@linuxfoundation.org
- GitHub (https://github.com/trustoverip) & EasyCLA (https://lfcla.com/)

Collaboration tools — Github repo structure (Dan)

- Getting Organized Discussion Mtg #2
- Concepts
  - Nodejs Model
  - Technology Agnostic Stack
  - ToIP Interoperability Profiles (TIPs)
- Important insight for WG co-conveners
- Pre-Meeting Content Read

Topic: ToIP Getting Organized **Discussion**: GitHub
Time: May 22, 2020 11:00 AM Eastern Time (US and Canada)

Join Zoom Meeting
https://us02web.zoom.us/j/82976316785?pwd=TDFFYWI0ZmF5YXk0TW5oN1ZKSStndz09

Meeting ID: 829 7631 6785
Password: 210775

OR

Visit all-members@lists.trustoverip.org posting

Introduction to the Working Group overviews (Drummond)

- Members who have volunteered to be conveners will present each of our initial four WGs
- The convener's job is to organized the first meeting(s) until the WG is ready to elect chair(s)
  - Each WG will elect between 1 and 3 chairs (2 or 3 is preferred)
- Each convener will cover:
  - WG mission and scope
  - Proposed deliverables
  - Proposed initial work items
  - Proposed meeting schedule

Proposing new Working Groups (Drummond)

- The WGs presented today are only the first four specified in our charter documents
- Additional WGs can be proposed by Members at any time
- To propose a new WG:
  a. Propose the idea on the appropriate mailing list to guage member interest
  b. Draft a WG charter
  c. Obtain the commitments of at least two members to join
  d. Submit it to the Steering Committee for approval

Governance Stack WG

Conveners: Drummond Reed, Scott Perry, & Tom Plagge

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Mission and scope

The scope of the Governance Stack Working Group is to define models and interoperability standards for governance frameworks that enable business, legal, and social trust between entities implementing the Trust over IP architecture stack as defined in Hyperledger Aries RFC 0289 (or its successor as identified in the RFC document itself).

Layer 4

Layer 3

Layer 2

Layer 1

Trust over IP Governance Stack

Ecosystem Governance Frameworks

- ✓ Member Directory
- ✓ Auditor
- ✓ Auditor Accreditor

Credential Governance Frameworks

- ✓ Credential Registry
- ✓ Authoritative Issuer
- ✓ Insurer

Provider Governance Frameworks

- ✓ Hardware Provider
- ✓ Software Provider
- ✓ Agency

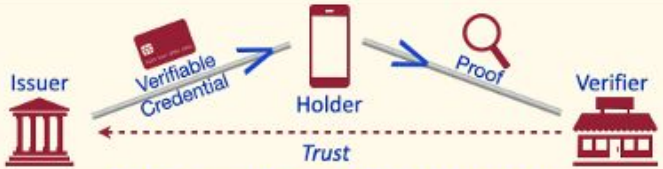
Utility Governance Frameworks

- ✓ Transaction Author
- ✓ Transaction Endorser
- ✓ Steward

Trust over IP Technology Stack

Application Ecosystems

Data Exchange Protocols



DIDComm Peer to Peer Protocol

Public Utilities

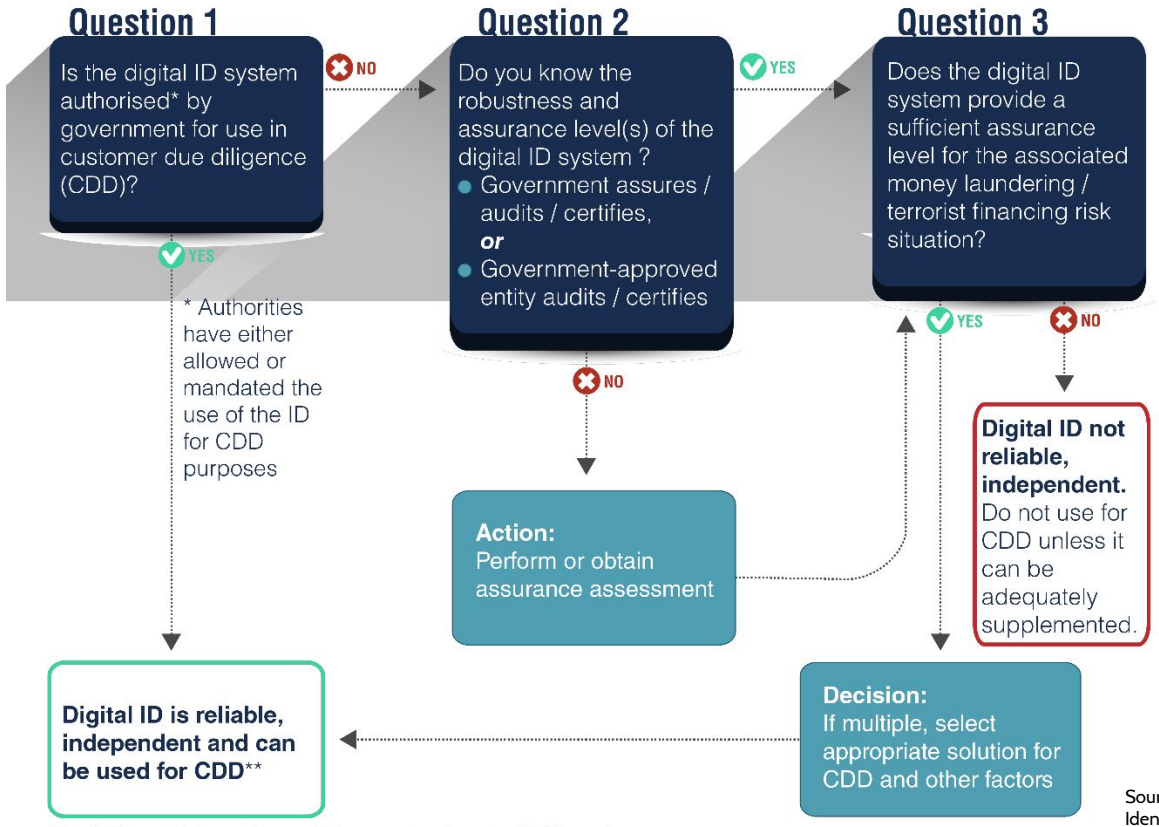
Proposed deliverables

1. Architectural model for ToIP governance frameworks
2. A description of the purpose and scope of a governance framework at each layer
3. A template governance framework for each layer
4. Recommended best practices at each layer
5. The required, recommended, and optional dependencies on the layer below
6. Interoperability certification standards for each layer

Suggested initial work items

- Survey of existing governance framework models
- Boundary and classes of use cases required for governance
- Minimum components of governance structures
- Architectural model for ToIP governance frameworks
- ToIP Trust Assurance Framework model
- ToIP glossary to define terms that can be used consistently across all governance frameworks

Example of Current Thinking on Digital ID Reliance



** additional information will be required under R.10 and additional risk mitigation measures may be required

Source: Guidance on Digital Identity FATF/OECD

Proposed meeting schedule

- Weekly or bi-weekly
- Call timing
  - Alternate times for US/EU and APAC?
  - Separate calls for US/EU and APAC?

Q & A

Governance Stack WG

Conveners: Drummond Reed, Scott Perry, & Tom Plagge

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Technical Stack WG

Conveners: Matt Davies & Dan Bachenheimer

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Mission and scope

The scope of the Technical Stack Working Group is to define (directly or by reference) the technical standards, test suites, and interoperability certification standards for the Trust over IP architecture stack as defined in Hyperledger Aries RFC 0289 (or its successor as identified in the RFC document itself).

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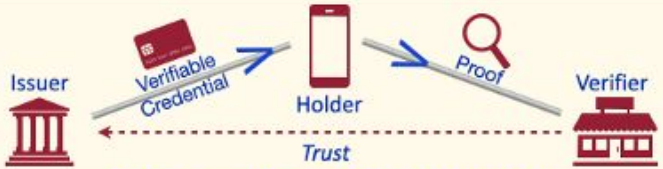

DIDComm Peer to Peer Protocol

Public Utilities

Proposed deliverables

1. A technical description of each of the layers and their scope
2. The required, recommended, and optional functionality at each layer
3. The required, recommended, and optional dependencies on the layer below
4. The interoperability certification testing standards for each layer

Suggested initial work items

- Identify for each layer what is done, being done, and needs to be done
- Identify privacy and security test regimes and certifications for each layer
- Develop and publish a template for TIPs—ToIP Interoperability Profiles

Proposed meeting schedule

- Weekly or bi-weekly
- Call timing
  - Alternate times for US/EU
    - US/EU(11 AM ET , 4 PM London)
    - APAC (6PM PT, 10 AM Tokyo) ?
  - Separate calls for US/EU and APAC?

Q & A

Technical Stack WG

Conveners: Matt Davies & Dan Bachenheimer

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Utility Foundry WG

Convener: André Kudra

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Mission and scope

The scope of the Utility Foundry Working Group is to facilitate a community of practice among governance authorities, implementers, operators, and service providers for Trust over IP Layer One utilities. The WG will provide process guidance for the establishment and monitoring of new ToIP Layer One utility projects, whether hosted at the Linux Foundation or external to it. Other WG activities will include creating template RFPs for service providers, maintaining a list of affiliated Foundry Service Providers, identifying areas of collaboration and alignment between associated and/or disparate Utilities, and where possible serving as a center of competence for the education and promotion of the role of ToIP Layer One utilities.

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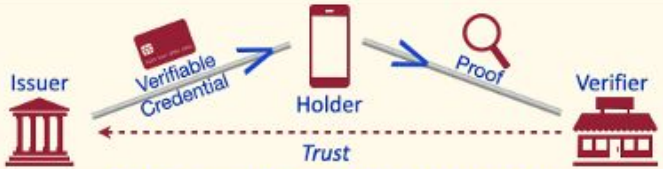

DIDComm Peer to Peer Protocol

Public Utilities

Proposed deliverables

1. ToIP Utility RFP templates
2. ToIP Utilities Best Practices documents
3. White papers
4. ToIP Utility website including a directory of ToIP-compatible Utilities and affiliated Foundry Service Providers

Suggested initial work items

- Develop ToIP Utility website and directory of ToIP-compatible Utilities
- Develop RFP templates and guides
- Develop ToIP Utility Best Practices documents and publishing process
- Initiate and maintain repository of relevant white papers and identify ToIP thought leadership white paper opportunities
- Build ToIP liaison with Utility projects and provide guidance
  - eco German Association of the Internet Industry (in planning)
  - Interop endeavors of govdigital and Findy

Proposed meeting schedule

- Weekly or bi-weekly
- Call timing
  - Alternate times for US/EU and APAC?
  - Separate calls for US/EU and APAC?

Q & A

Utility Foundry WG

Convener: André Kudra

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Ecosystem Foundry WG

Conveners: Mike Vesey & Karl Kneis

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Mission and scope

The scope of the Ecosystem Foundry Working Group is to facilitate a community of practice among governance authorities, implementers, operators, and service providers of Trust over IP Layer Four ecosystems. The WG will provide process guidance for the establishment and monitoring of new ToIP Layer Four ecosystem projects, whether hosted at the Linux Foundation or external to it. Other WG activities will include creating template RFPs for service providers, maintaining a list of affiliated Foundry Service Providers, identifying areas of collaboration and alignment between associated and/or disparate ecosystems, and where possible serving as a center of competence for the education and promotion of the role of ToIP Layer Four ecosystems.

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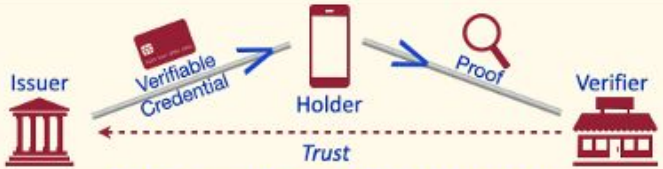

DIDComm Peer to Peer Protocol

Public Utilities

Proposed deliverables

1. ToIP Ecosystem RFP templates
2. ToIP Ecosystem Best Practices documents
3. White papers
4. ToIP Ecosystem website including a directory of ToIP-compatible Ecosystems and affiliated Foundry Service Providers

Proposed initial work items

1. Develop ToIP Ecosystem website and directory of ToIP-compatible Ecosystems
2. Develop RFP templates and guides
3. Develop ToIP Ecosystem Best Practices documents and publishing process
4. Define TOIP thought leadership White papers opportunities and publishing procedures

Proposed meeting schedule

- Bi-weekly
- Repeating calls for multiple time zones
- Call timing
  - Alternate times for US/EU
    - US/EU(11 AM ET , 4 PM London)
    - APAC (9 PM ET, 10 AM Tokyo)

Q & A

Ecosystem Foundry WG

Conveners: Mike Vesey & Karl Kneis

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Reminder: How to join a Working Group

- To join any WG, just sign up for its mailing list
  - Go to lists.trustoverip.org
  - Sign up using your member email address (e.g., if your company is example.com, sign up with your ____@example.com email address)
  - Select the WG mailing lists you want to join
  - Best practice: send a “hello” message to that mailing list sharing a little bit about why you joined
  - *Feel free to join a WG mailing list just to observe*

Closing Q & A

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