



**TRUST**  
Over **IP**  
FOUNDATION

# All-Member Meeting

16 September 2020

10:00-11:00 PT / 17:00-18:00 UTC

 **THE LINUX** FOUNDATION

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# Agenda

- › Remarks from John Jordan - 5 min
- › Working Group Updates (WG Chairs) - 30 min
- › Workflow and Horizontal/Operations team (David) - 5 min
- › Communications Committee Update (David) - 5 min
- › Research Agenda and Survey - (G Laatikainen) - 5 min
- › Human Experience Working Group Update (Drummond) - 5 min
- › SpecUp walkthrough event (David) - 2 min
- › Open Q & A (All) - 3 min

## Remarks - John Jordan (Executive Director)

- › ToIP has successfully launched and now needs to start producing deliverables
- › Workflow process will soon be in place and Horizontal/Operations group established
- › Community needs to shift its focus to work that will be completed
- › Opportunity and call-out for all to get actively involved

# Working Group Updates

# Governance Working Group (1/2)

## Mission and scope

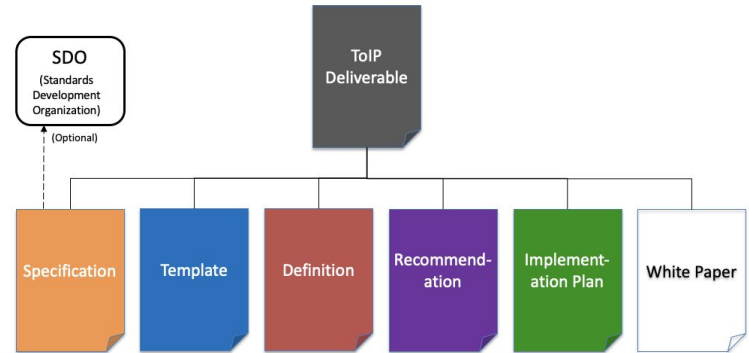
The scope of the Governance Stack Working Group is to define models and interoperability standards for governance frameworks that enable business, legal, and social trust between entities implementing the Trust over IP architecture stack as defined in [Hyperledger Aries RFC 0289](#) (or its successor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

## Proposed deliverables

1. TSS (x1)
2. Templates
3. Definitions
4. Recommendations
5. White papers

## Active work items

1. Governance architecture taskforce (TSS)
2. Process & roles taskforce (defined inventory @ all layers) - draft complete



# Governance Working Group (2/2)

## Current Focus

- Cross WG coordination to support governance and other workstreams: e.g. ecosystem foundry
- Developing APAC community and connection with NA
- Defining deliverable inventory
- Establishing criteria and levels of commitment from WG participants
- Establishing / adopting credential policy template(S)
- Creating an overall governance Architecture TSS

## Challenges / Obstacles

- › Need more coordinated planning within and across WGs
  - › Cross WG coordination of work items, goals and terminology
- › Need clear guidance on repository for working documents
- › Need ToIP-approved templates for different deliverable types (specs, templates, recommendations, etc.)
- › Greater activation of WG participants in work activities
- › Expanding participation from outside core membership



# Technical Stack WG (1/2)

## Mission and scope

The scope of the 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)

## Proposed deliverables

1. Incubate ToIP Interoperability Profiles (TIPs)
2. Layer Interop Specifications

## Active work items

1. Refining ToIP Deliverables process for the Foundation using GitHub
2. Reviewing first TIP Proposal - SaturnV (dependent on 1.)

# Technical Stack WG (2/2)

## Current Focus

Completing the ToIP Deliverables repo in GitHub

## Challenges / Obstacles

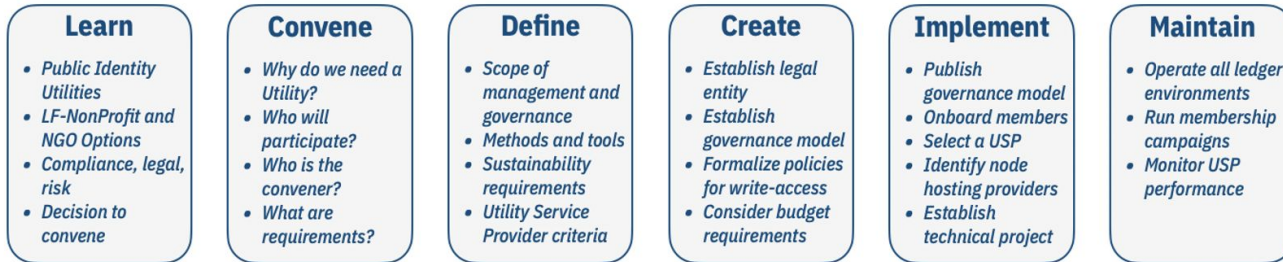
- › Capturing time from key resources
- › Establishing and communicating a rigid process that is simple to use
- › Education across the Foundation on our Deliverables and how each WG will articulate their contributions under that framework
- › Attracting representation and/or input from alternative TIP stakeholders (i.e. non-Indy / non-Aries)

# Utility Foundry Working Group (1/2)

## 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.

## Utility Foundry Working Group: *Getting Started Workflow*



*ToIP Guidance is publicly available for all.*

# Utility Foundry Working Group (2/2)

## Proposed deliverables - wip

1. Utility Foundry guidance (best practices) for prospective utility projects
2. Workflow swimlanes and deep dives (based on L1 Utility example stories)

## Active work items

1. Maintain directory of ToIP-compatible Utilities and affiliated Foundry Service Providers
2. Create utility sample stories based on Utility foundry workflow
3. Conduct education sessions based on L1 Utility project experiences

## Current Focus

1. Confirm content, structure, format and audiences of main deliverables
2. Rallying troops for UFWG in diverse jurisdictions and from active L1 Utility projects

## Challenges / Obstacles

1. Despite the fundamental role of L1 Utilities, participation in UFWG needs improvement
2. Not only more attendance required but people who are willing/available to actively contribute

# Ecosystem Foundry Working Group (1/2)

## 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.

## Proposed deliverables

1. White papers
2. Implementation plans
3. Foundry Service Provider index and RFP templates
4. Concept and term definitions

## Active work items

1. Patient Identity Task Force
2. Human Trafficking Ecosystem Task Force
3. COVID-19 Credentials Task Force
4. Internet of Education (IoE) Ecosystem Trust Task Force
5. Enterprise Identity Task Force

# Ecosystem Foundry Working Group (2/2)

## Current Focus

- › Prototypes for concept and term definitions
- › Requirements for other working groups
- › White Paper initiation
- › Community learning from member ecosystem examples

## Challenges / Obstacles

- › Silos
- › Velocity and consensus decisions
- › Unified deliverables
- › Task Force alignment

# Decentralized Semantics Working Group (1/2)

## Mission and scope

The mission of the Decentralized Semantics Working Group (DSWG) is to define a data capture architecture consisting of immutable schema bases and interoperable overlays for Internet-scale deployment. The scope of the WG is to define specifications and best practices that bring cohesion to data capture processes and other Semantic Standards throughout the ToIP stack, whether these standards are hosted at the Linux Foundation or external to it.

## Proposed deliverables

1. Overlays Capture Architecture (OCA) RFC
2. OCA schema extensions RFC
3. OCA entry lists library RFC

## Active work items

1. FHIR-OCA Object Transformation FG (Medical Information TF) [Use Cases]
2. Notice & Consent TF [Unified Data Control Semantics]

# Decentralized Semantics Working Group (2/2)

## Current Focus

- Creating the initial Requests for Comments (RFCs), template Requests for Proposal (RFPs) and additional guidance to utility and service providers regarding decentralized semantics implementations
- Escalating the development of certain components where deemed appropriate by the majority of the WG members and in line with the overall mission of the ToIP Foundation. Examples include enhancements like schema extension functionality and the development of an entry lists library

## Challenges / Obstacles

- Time constraints of the conveners of the WG to get the initial RFCs drafted and published
- Lack of ToIP repository for document development [Note: A Human Colossus Foundation repository has been stood up as a temporary measure.]
- Cross-community input re decentralized semantics domain discussions, reference implementations and further enhancements



## Concepts & Terminology WG

- › WG is in its planning phase
  - › Conveners: Drummond Reed, Rieks Joosten
- › Aim is to foster the emergence of glossaries that are fit-to-purpose based on the needs of WGs

## Workflow and Horizontal/Operations team

- › Workflow - formal process
  - › Balance flexibility with certainty - only members create products
  - › WGs need to coordinate work items w/target dates
  - › Member engagement - getting the work done
  
- › Horizontal / Operations team
  - › Maintain awareness of progress on all deliverables
  - › Requires active reps from all WGs (not necessarily Chairs)
  - › **Next step:** convene first meeting week of Sept 21

## Communications Committee - Update

- › Representatives nominated from:
  - › Accenture, IBM, MasterCard, Evernym, SICPA, IDRamp, Dhiway, Cloudocracy, FutureWei, GS1 (Associate)
- › Kick-off meeting held to discuss:
  - › Key messages - how do we present ToIP to our audience?
  - › Webinar series - focus on basic understanding of how the stack solves problems
  - › Infographics and quickly digestible content
  - › Website and Social media - regular heartbeat of updates

## Research Agenda and Survey

- › Opportunity to provide scope and focus for academic/research community
  - › What sorts of questions can engineers, practitioners and researchers help us answer?
- › Member survey - need volunteers to review and help finalize
- › Draft paper (prepared by G. Laatikainen - Univ of Jyväskylä) - available for review
  - › Possibility it may be discussed among participants at the International Conference on Software Business (Karlskrona, Sweden) - Nov 2020

# Human Experience Working Group - Update

- › Initial discussions have focused on:
  - › Patterns of relationships in "trust rituals"
  - › Fostering diversity and inclusion in design process
  - › Possibility of facilitated workshops
- › Important opportunity to hear from a diverse group of voices
- › Next step: draft Charter and plan workshops

## SpecUp tool - walkthrough

- › SpecUp - lightweight and simple editing tools for specs
  - › Developed by D Buchner - Microsoft
  - › Resolves limitations and complexity of other tools
- › Walkthrough for ToIP members - Sept 23 at 1pm EST



# Open Conversation

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