# 2022-06-02 TATF Meeting Notes

### Meeting Date & Time

- 02 Jun 2022
  - NA/EU 07:00-8:00 PT / 14:00-15:00 UTC
  - APAC 18:00-19:00 PT / 01:00-02:00 UTC <== NOTE THE NEW TIME!!!</p>

### Zoom Meeting Links / Recordings

- NA/EU Meeting: https://zoom.us/rec/share/6i\_surY2Gt-SnDTcKLEccdljlMsBYnDwPhDFmn-R5WEAh0PXaiYxtWZ1MPuOCLdW. GQesL2j7TBPJsPPO
- APAC Meeting: https://zoom.us/rec/share/\_UniJYF7fCZUjPFVC0luL7Go88W6f0jcWCBw2\_rpMtjVl27QLs6mDxMob5gq7XQM. I6J4BRS8EJ6xFJqm

#### **Attendees**

#### NA/EU

- Drummond Reed
- Darrell O'Donnell
- Wenjing Chu
- Daniel Bachenheimer
- Allan Thomson
- Neil Thomson
- Rodolfo Miranda
- Vladimir Simjanoski
- Kevin Dean
- Allan Thomson
- Vikas Malhotra
- Tim Bouma
- Vladimir Vujovic
- Judith Fleenor

#### APAC

- Drummond Reed
- Darrell O'Donnell
- Daniel Bachenheimer
- Allan Thomson
- Neil Thomson
- Daniel Bachenheimer
- Jo Spencer
- Judith Fleenor
- Wenjing Chu

## Main Goals of this Meeting

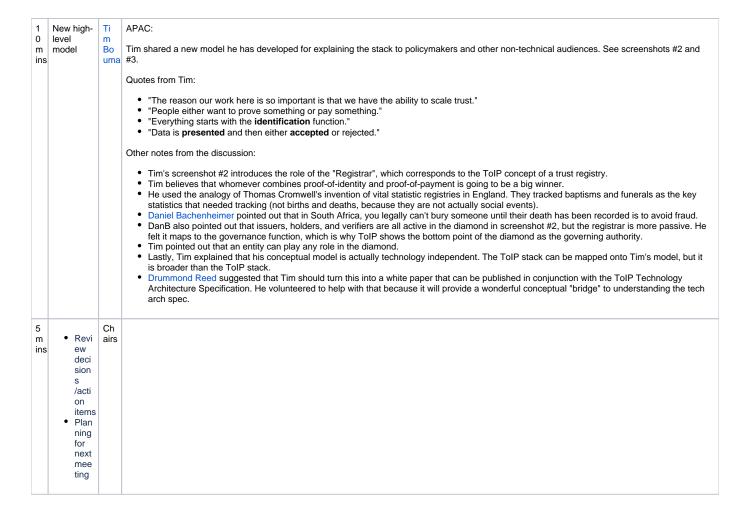
1) Review use case / test case proposals from Allan Thomson, 2) check on progress of the spec, 3) discuss whether we can start using GitHub issues together with the current Google doc of the spec.

## Agenda Items and Notes (including all relevant links)

| Ti Ager | enda L | Le | Notes |
|---------|--------|----|-------|
| me Item | n a    | ad |       |

| 3 m in       | Start recording Welcome Welcome & an titru st notice Intro duction on of new me mbe rs Age nda review | Chairs     | <ul> <li>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.</li> <li>New Members:         <ul> <li>Sid Haniff — solution architect in travel, finance, and online banking. Joined ToIP as a Contributor Member.</li> <li>Thomas Shelton — working with Northern Block.</li> </ul> </li> </ul>  |
|--------------|---|------------|---|
| 5<br>m<br>in | Announce<br>ments   | All        | Updates of general interest to TATF members.  • Microsoft made a big announcement yesterday about Microsoft Entra. They are using the issuer/holder/verifier model with a trust fabric. Tim Bouma observes that "the big players are moving slowly".  • Daniel Bachenheimer noted that Microsoft's play is aimed at the enterprise.  • Vladimir Vujovic observed that most of the enterprises that use Microsoft technology because Microsoft Authenticator is the user's wallet.  • Tim noted that the consumer space is still "wide open".  • Vikas Malhotra was not sure what kind of database or Layer 1 technology they were using. DanB confirmed that it was did:ion. Tim is going to check with his contacts to find out more.  • Kevin Dean pointed out that Microsoft usually expands from enterprise to consumer; that is their usual pattern.  • Drummond Reed mentioned a discussion with Ankur Patel of Microsoft at the European Identity Conference about finally joining ToIP to tackle interop.  • Tim added that this can actually make it much easier for policymakers to understand the new model — Microsoft can really help. |
| 2<br>m<br>in | Review<br>of<br>previous<br>action<br>items   | Ch<br>airs | <ul> <li>ACTION: Neil Thomson will consolidate the terms being defined for purposes of this spec into a glossary at the end of the spec. Available for comment/suggest @ TATF Spec - Working Glossary. A placeholder until we have a terms wiki set up.</li> <li>ACTION: Drummond Reed will work with the Concepts and Terminology WG members to set up a terms wiki for the Technology Stack WG that we can begin using immediately with this spec.</li> <li>ACTION: Drummond Reed to add two items to next week's agenda: 1) Allan Thomson presenting on use cases, 2) Moving the spec from Google docs to GitHub.</li> </ul>   |

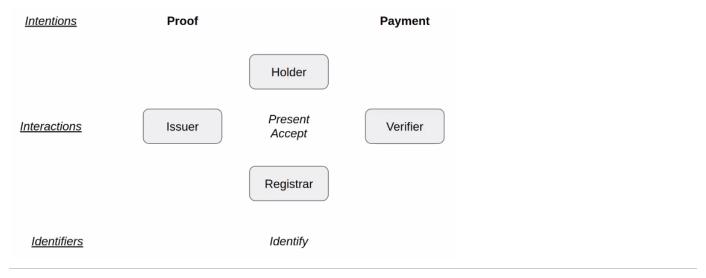
| 3                  | Proposed use / test                 | All             | We reviewed a proposal from Allan call Interoperability Test Cases (now posted to the TSWG Google Drive folder).  |
|--------------------|-------------------------------------|-----------------|---|
| min                | cases                               | Th om son       | <ul> <li>It begins with a high-level component diagram to establish an overall framework of components to be tested. See screenshot #1 below.</li> <li>It presents a set of four typical use cases for verifiable credentials.</li> <li>It then defines a framework for interoperability testing.</li> <li>The first part is a set of test case categories to help organize test cases.</li> <li>Next it defines a method for defining specific test profiles against which implementations can be tested.</li> <li>It gives an example of how a specific software stack can be tested against a specific example test profile.</li> <li>Allan noted that once we develop a test suite, we will need to either:         <ul> <li>Develop and operate our own test harmess against which implementations can be tested (and potentially certified, either by ToIP or third parties)</li> <li>Self-certification</li> </ul> </li> <li>Allan then reviewed specific generic tests that are proposed in the document in several categories, including:         <ul> <li>Connection and Layer 1 networks (L1)</li> <li>Viole Susuance and presentation (L2)</li> <li>Viole Susuance and presentation (L3)</li> <li>Interaction with Layer 1 networks (L1)</li> <li>UI/LX tests (L2) focused to human usage</li> <li>Wening Chu thrinks that this is a wonderful contribution to being able to translate the ToIP Technology Architecture spec into an actual test tested.</li> <li>Neal Tomson expressed that the number of combinations of different elements at each layer can lead to an explosion of possibilities to be tested.</li> <li>Allan explained that this is the reality of where the tech is right now. The market will start to narrow down the sets of possibilities by choosing the some profiles in which to prove interop.</li> <li>Nell agreed that the rest suite structure can be structured to support that.</li></ul></li></ul> |
| 5<br>m<br>ins      | Update<br>on spec<br>progress       | We<br>nji<br>ng | Check-in on progress on the ToIP Technical Architecture Spec - Working Draft.  On the NA/EU call we ran out of time so we deferred this to the APAC call.   |
|                    |                                     | Chu             | <ul> <li>APAC:</li> <li>Wenjing explained that most of the work this past week has been on resolving comments. This is where we could benefit from starting to work issues on GitHub issues (see the next topic).</li> <li>Wenjing has not completed all of section 5, but feels that the rest of it can be completed fairly quickly once we have the earlier comments resolved.</li> <li>Then we can tackle layer-by-layer requirements. Both Wenjing and Neil Thomson suggested that could also be a separate document.</li> </ul>  |
| 1<br>0<br>m<br>ins | Start<br>using<br>GitHub<br>issues? | All             | It has been suggested we start using GitHub to edit the spec in Markdown. However Darrell O'Donnell (among others) feels the spec is still incomplete enough that Google docs is a much more user-friendly editing platform until the document is closer to completion. However an intermediate step would be to start using GitHub issues to discuss issues that are flagged in the Google doc.  This led to a short but decisive discussion with the following outcomes:  |
|                    |                                     |                 | <ul> <li>DECISION: We will continue to edit the existing Google doc working draft of the ToIP Technical Architecture Spec as a Google doc until the end of June 2022. At that point we will freeze the Google doc and convert it to Markdown in GitHub for completion. Until then, a subteam headed by Wenjing Chu and Neil Thomson can begin moving over sections of the document that are already "content complete" in advance of the June 30 deadline.</li> <li>DECISION: We will immediately begin using GitHub issues to discuss more complex issues as soon as a GitHub repo can be set up.</li> <li>ACTION: Wenjing Chu and Drummond Reed will work with Judith Fleenor and Elisa Trevino to contact Kevin Griffin about setting up the repo.</li> </ul>  |



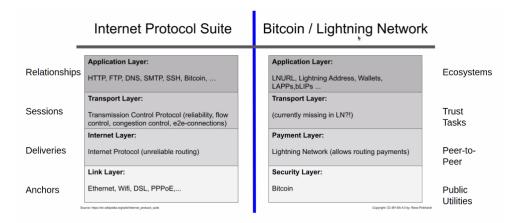
## Screenshots/Diagrams (numbered for reference in notes above)

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#3



https://github.com/lightning/bolts/issues/987#issuecomment-1122448280

#### **Decisions**

- DECISION: We will continue to edit the existing Google doc working draft of the ToIP Technical Architecture Spec as a Google doc until the end of June 2022. At that point we will freeze the Google doc and convert it to Markdown in GitHub for completion. Until then, a subteam headed by W enjing Chu and Neil Thomson can begin moving over sections of the document that are already "content complete" in advance of the June 30 deadline.
- DECISION: We will immediately begin using GitHub issues to discuss more complex issues as soon as a GitHub repo can be set up.

#### **Action Items**

- ACTION: Allan Thomson to add a few additional high-level motivational use cases to his Interoperability Test Cases document.
- ACTION: Wenjing Chu and Drummond Reed will work with Judith Fleenor and Elisa Trevino to contact Kevin Griffin about setting up the repo.