

2023-03-02 TRTF Meeting Notes

Meeting Date

- 02 Mar 2023 The ToIP Trust Registry Task Force (TRTF) meets weekly twice every Thursday at the following times (to cover global time zones - see the [Calendar of ToIP Meetings](#) for full meeting info including Zoom links):
 - NA/EU 07:00-8:00 PT / 15:00-16:00 UTC
 - APAC 18:00-19:00 PT / 02:00-03:00 UTC

Zoom Meeting Link / Recording

- NA/EU MEETING: https://zoom.us/rec/share/11kfo4nM_1saZ22b8fP85csw-nN3-OjHPRC55k0WseGzvdH_KQmqLzPzVpbAl9wn.rml_VksP0ILb4rNH
- APAC MEETING: <https://zoom.us/j/92238278364?pwd=bXJoNzltMDJFdWZKWnovUG5MZk0rUT09>
(These links will be replaced with a link to the recording of the meeting as soon as that is available)

Attendees

NA/EU Meeting

- [Darrell O'Donnell](#)
- [Antti Kettunen](#)
- [Andor Kesselman](#)
- [Neil Thomson](#)
- [Jacques Latour](#)
- [Hadrien Seymour-Provencher](#)
- [Scott Perry](#)
- [Steve McCown](#)

APAC Meeting

- [Darrell O'Donnell](#)
- [Andor Kesselman](#)
- [Drummond Reed](#)

Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	<ul style="list-style-type: none">• Start recording• Welcome & antitrust notice• Introduction of new members• Agenda review	Chairs	<ul style="list-style-type: none">• Antitrust Policy Notice: <i>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.</i>• New Members:
5 min	Review of previous action items	Chairs	Updates: <ul style="list-style-type: none">• Delegated Event Signing #81<ul style="list-style-type: none">◦ Tim Bouma following nostr development. They're facing similar problems than what we have. The proposal they have include elements that we are considering.• Trust Registry - Terms and Concepts #79• Trust Registry Requirements Document #78<ul style="list-style-type: none">◦ https://github.com/trustoverip/tswg-trust-registry-tf/pull/80
30 mins	IIW and Other Key Dates	Andor Kesselman	<p>Andor Kesselman what are our closeby deadlines where we can anchor any deliverables of TRTF.</p> <p>IIW April 18th</p> <p>* Antti Kettunen Coordinate with the TSPL IIW talks to build on top of TSPL work. Contextual Trust Decision conversation could be useful for the type of people joining IIW. Really depends who are attending.</p> <ul style="list-style-type: none">• Neil Thomson Trust Registry Mailing List: Collate a list of people that would offer to discuss TRTF work.• Jacques Latour DIACC Trust Registry paper publish date is coming on March 14th(ish)

*10 mins	TRP Proposals	Andor Kesselman	<ul style="list-style-type: none"> Trust Registry Requirements Document #78 <ul style="list-style-type: none"> #80 placeholders for v2 documentation and proposals. <p>Lucy Yang keep in mind larger ecosystem.</p>
10 mins	Terminology	Neil Thomson	Trust Registry - Terms and Concepts #79 Ran out of time: To talk about APAC call.
10 min	DID To DNS Demo	Jacques Latour	
5 mins	<ul style="list-style-type: none"> Review decisions /action items Planning for next meeting 	Chairs	

Screenshots/Diagrams (numbered for reference in notes above)

```

did:sov:danube:XfVqduyAJ8ubgh8BP3vW
Resolve DID document: {
  "context": [
    "https://www.w3.org/ns/did/v1",
    "https://w3id.org/security/suite/v2019-2018/v1",
    "https://w3id.org/security/suite/v2019-2019/v1"
  ],
  "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW",
  "verificationMethod": [
    {
      "type": "Ed25519VerificationKey2018",
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1",
      "controller": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW",
      "publicKeyBase64": "ndio8kegspze3LwqQ7vrv3gphxrtq5idRLs8de5"
    },
    {
      "type": "X25519KeyAgreementKey2019",
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-agreement-1",
      "controller": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW",
      "publicKeyBase64": "3ahq37Qo7a7a3w8u0Jy4dC2xwVjy8t2p8p7xsh"
    }
  ],
  "authentication": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1"
    }
  ],
  "assertionMethod": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1"
    }
  ],
  "keyAgreement": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-agreement-1"
    }
  ]
}

Attempting to resolve URI records for: did:tr-demo.iotregistry.ca...
DNS resolution successful.
URI records: [100 30 "did:sov:danube:XfVqduyAJ8ubgh8BP3vW"]
Verifying DID matches target value of URI record...
Match found.

Attempting to resolve TLSA records for: did:sov:danube:XfVqduyAJ8ubgh8BP3vW...did:tr-demo.iotregistry.ca...
DNS resolution successful.
TLSA records: [3 1 3 8899568ef439808eae9f8693bdcba8bde39a4cd80b9a6dbca9e939bf2, '3 1 0 382a380506832b6570832180f716b2b2d54ecd899d804cd031512eb5cb3a545d8c1824e38b0aa88251cfff']

Please select which key you would like to match against the TLSA records: ["did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1", "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-agreement-1"]

```

#1

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},
  "authentication": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1"
    }
  ],
  "assertionMethod": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1"
    }
  ],
  "keyAgreement": [
    {
      "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-agreement-1"
    }
  ]
}

Attempting to resolve URI records for: did:tr-demo.iotregistry.ca...
DNS resolution successful.
URI records: [100 30 "did:sov:danube:XfVqduyAJ8ubgh8BP3vW"]
Verifying DID matches target value of URI record...
Match found.

Attempting to resolve TLSA records for: did:sov:danube:XfVqduyAJ8ubgh8BP3vW...did:tr-demo.iotregistry.ca...
DNS resolution successful.
TLSA records: [3 1 3 8899568ef439808eae9f8693bdcba8bde39a4cd80b9a6dbca9e939bf2, '3 1 0 382a380506832b6570832180f716b2b2d54ecd899d804cd031512eb5cb3a545d8c1824e38b0aa88251cfff']

Please select which key you would like to match against the TLSA records: ["did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1", "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-agreement-1"]
did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1

VerificationMethod selected: {
  "type": "Ed25519VerificationKey2018",
  "id": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW#key-1",
  "controller": "did:sov:danube:XfVqduyAJ8ubgh8BP3vW",
  "publicKeyBase64": "ndio8kegspze3LwqQ7vrv3gphxrtq5idRLs8de5"
}

VerificationMethod public key as hex: 382a380506832b6570832180f716b2b2d54ecd899d804cd031512eb5cb3a545d8c1824e38b0aa88251cfff

Attempting to match TLSA record: 3 1 3 8899568ef439808eae9f8693bdcba8bde39a4cd80b9a6dbca9e939bf2...
Matching type: 1, matching sub: 256, hash: 0 of public key
Key SHA256 hash: 8899568ef439808eae9f8693bdcba8bde39a4cd80b9a6dbca9e939bf2
Successful key match. TLSA verification successful.

Attempting to match TLSA record: 3 1 0 382a380506832b6570832180f716b2b2d54ecd899d804cd031512eb5cb3a545d8c1824e38b0aa88251cfff...
Matching type: 0, matching sub: 256, hash: 0 of public key
Successful key match. TLSA verification successful.

Determining Trust Registry membership of origin: tr-demo.iotregistry.ca
Attempting to resolve URI records for: tr-demo.iotregistry.ca...
DNS resolution successful.
URI records: [100 30 "tr-demo.iotregistry.ca"]

Please select which Trust Registry you would like to verify tr-demo.iotregistry.ca's membership in: ["trustregistry.ca"]

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Decisions

- Sample Decision Item

Action Items

☐ Sample Action Item