

2023-04-27 TRTF Meeting Notes

Meeting Date

- 27 Apr 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/fOULCQipZaYVvKPySmMAdf5j2dblcOW8kikb8bve9WprKarNh0baLGZOhmZbfdd-.8g5Ydkq077jtzG8>
 - APAC MEETING: N/A
- (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](#)
- [Daniel Bachenheimer](#)
- [Christine Martin](#)
- [Mark Scott](#)
- [Mathieu Glaude](#)
- [Michael Palage](#)
- [Sam Curren](#)
- [Sumabala Nair](#)
- [Tim Bouma](#)

APAC Meeting

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

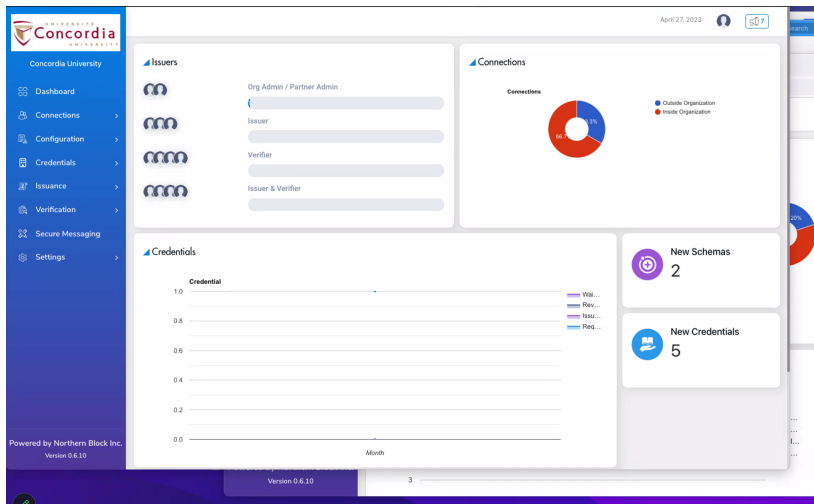
Agenda Items and Notes (including all relevant links)

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:

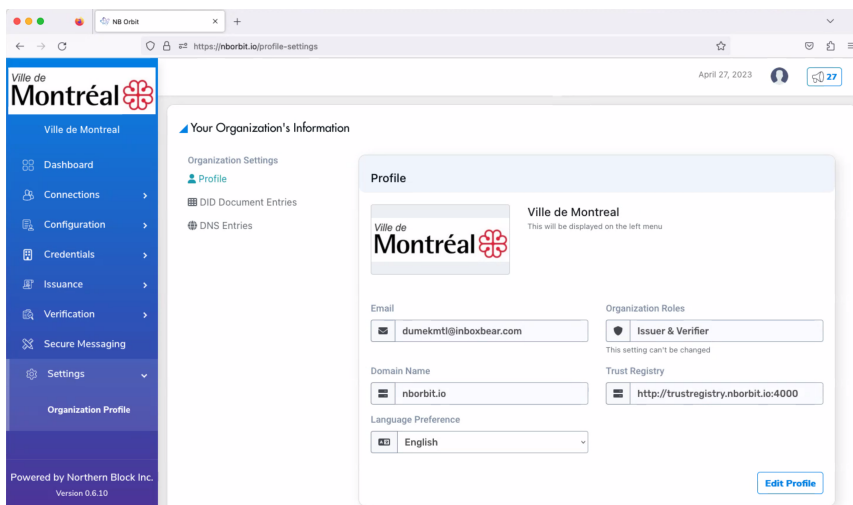
30-40 min	Review of previous action items	Andor Kesselman	<p>Review on Trust Registry -related topics from IIW.</p> <ul style="list-style-type: none"> • Reviewing Andor's overview on IIW: https://docs.google.com/document/d/1dYbTi-qNnx-7fJQM1BCPJ2vn2KtDCcqA7YjFE6SU2uk/edit • 7 TR related sessions • Agreement on the need of TR's, but varying viewpoints and differences in maturity of thinking • Not all TR working groups are even naming themselves a trust registry. Similar goals and development points, but naming different. • Chat (Mathieu Glaude): "One comment from someone from GS1 was "why can't we simply use VCs instead of a TR"" • Alex from Cheqd presented DID Resource linking. • Marine corps reputation system seemed interesting. • Michael Herman presented Web7.0 (also available here: https://youtu.be/214-aKNBCAU) <p>Key takeaways regarding TR's:</p> <ul style="list-style-type: none"> ▪ Much more presenting own solutions and discussions on engagement. Much networking focused ▪ Savita & Lucy spoke about hierarchical model built in UN, which would be interesting to go deeper in future sessions <ul style="list-style-type: none"> ▪ Cosanna (chat): "This is the summary Lucy sent: <p>Digital Trust Infrastructure for Discovery and Validation (Regi-TRUST https://www.sparkblue.org/Regi-TRUST) at UNDP built on the EU ESSIF TRAIN (https://essif-lab.eu/essif-train-by-fraunhofer-gesellschaft/)</p> <p>This project evolved from the COVID project at the Linux Foundation.</p> <p>An article from Lucy: https://www.lfph.io/2022/04/19/how-does-a-border-control-officer-know-if-a-covid-certificate-is-valid-gccn/</p> <ul style="list-style-type: none"> ▪ EU seems to be moving back toward X.509 (unconfirmed)
10-15 mins	Trust Registry demo	Mathieu Glaude	<p>Demo on the trust registry work done by CIRA & Northern Block</p> <p>[See screenshots below]</p>
	TR Requirements	Chairs	<p>The current requirements document is becoming a bit hard to follow. We're creating a more structured document to guide TR Requirements work.</p> <p>https://docs.google.com/document/d/1p8rapJIVQ09CGR6vLeadQq-_sj_icfWfcyTPJMjC18Y/edit</p> <p>We discussed approaches and experiences in how should we use requirements statements (MUST, SHOULD, MAY).</p> <p>Darrell O'Donnell</p> <p>"A MUST will get done. A SHOULD may get done. A MAY will likely not get done."</p> <p>Sam Curren</p> <p>"We might consider reducing the scope of our work to eliminate MAYs and SHOULDs."</p> <p>Neil Thomson</p> <p>"If there are sub markets which has variations where SHOULDs become MUSTs, then that is a separate standard/mechanism/protocol</p> <p>Mirrors the Trust Spanning Protocol approach - there is a base (root Musts), which can be built on, for variations."</p>
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)

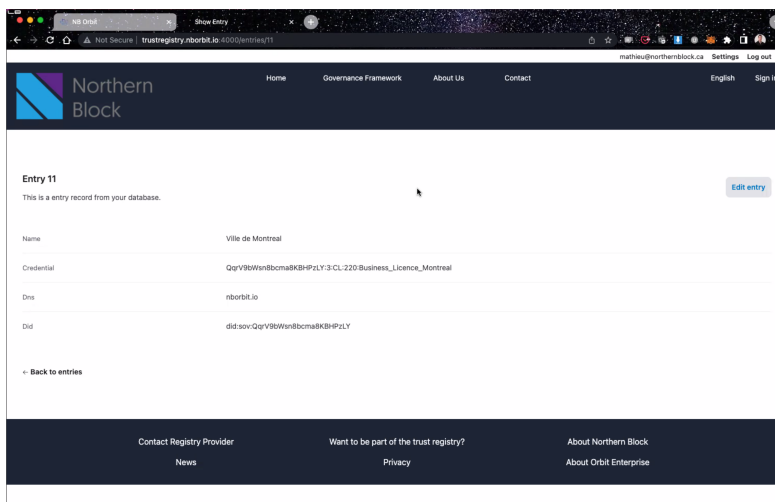
#1 Northern Block's NB ORBIT platform (ACAPY-based)



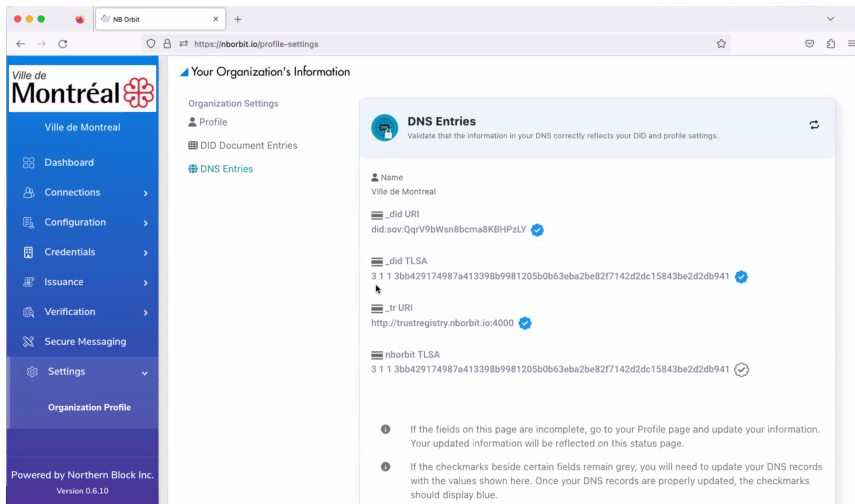
#2 Example on how trust registry can be referenced



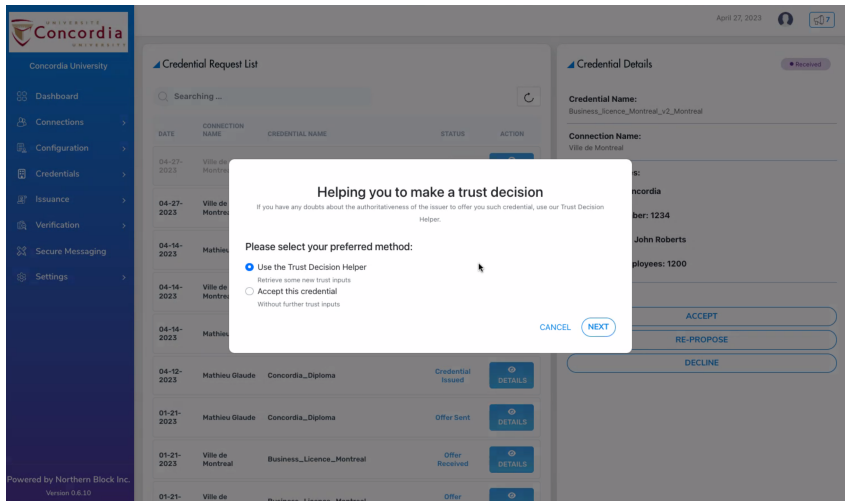
#3 Trust reegistry entry



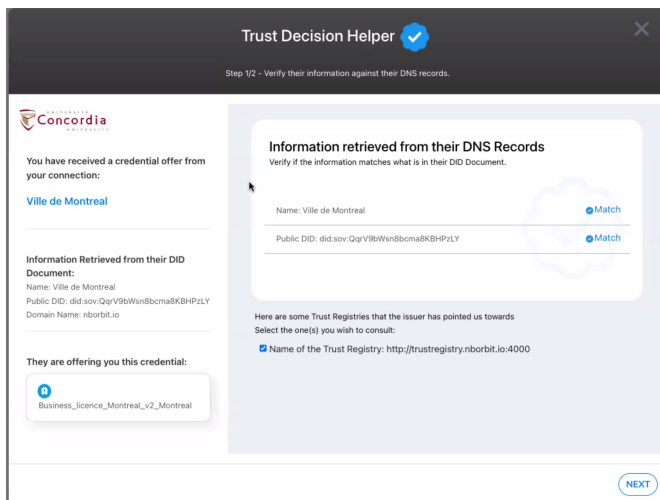
#4 DNS entries referencing DIDs



#5 Trust Decision helper dialog



#6 Trust Decision helper to verify issuer information from DNS as well.



#7 Records queried from both trust registry and DNS, gaining multi-source assurance

Trust Decision Helper

Step 2/2 - Verify their information against their DNS records.

Concordia

UNIVERSITY

You have received a credential offer from your connection:

Ville de Montreal

Information Retrieved from their DID Document:

Name: Ville de Montreal
Public DID: did:sov:QgrV9bWsn8bcma8KBHPzLY
Domain Name: nborbit.io

They are offering you this credential:

Business_Licence_Montreal_v2_Montreal

Information retrieved from their DNS Records

Verify if the information matches what is in their DID Document.

Name: Ville de Montreal
Public DID: did:sov:QgrV9bWsn8bcma8KBHPzLY

Match

Match

Information retrieved from Trust Registry

Do they have authority to offer you the credential?

Trust Registry Consulted: http://trustregistry.nborbit.io:4000
Public DID: did:sov:QgrV9bWsn8bcma8KBHPzLY
Credential Authorized to Issue:

Match

Not Authorized

CONTINUE

Decisions

- Sample Decision Item

Action Items

- ☐ Sample Action Item