2020-07-22-B Aries Working Group Call (US afternoon)

Summary

- Governance Application

Note: This call was recorded:

Date

22 Jul 2020 (12PM Los Angeles, 3PM New York, Tuesday at 7AM Sydney)

Remember the Hyperledger Code of Conduct

Anti-Trust Policy:

Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.

Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy . If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

Attendees

- Sam Curren (Indicio) <sam@indicio.tech>
- George Aristy (SecureKey) <george.aristy@securekey.com>
- John Callahan (Veridium) <jcallahan@veridiumid.com>
- Timo Glastra (ANIMO) <timo@animo.id>
- Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>
- Steve McCown (Anonyome Labs) <smccown@anonyome.com>
- Nathan George (Kiva) <nathang@kiva.org>

Welcome / Introductions

Announcements

Unknown macro: 'lref-gdrive-file'

- DIF Interop WG Charter (draft):
- Sovrin TGB Volunteers needed.
- Indyopathon Conference?
    - Efforts to organize led by Stephen Curran
    - Topic: Creds from two or more indy networks.
    - Day or two long workshop.
    - Help welcome.
- Vince Albanese - future speaker: DirectTrust hack-a-thon Nov 2020 (DIDComm on XMPP)

Related Meetings Review

- Ursa -
- **Semantics** - Next meeting: Never - transitioning to be in the ToIP Foundation - see RocketChat channel for details and how to join the successor group
- DID UX Call - Active?
- SSI in IoT WG
- Indy Contributors - Every 2nd Tuesday 8am US/Pacific - DIDDoc support into Indy with minimal changes to ledger code.
- Identity WG / Identity WG Implementer calls (Wed / Thurs) - July 30, at 9 am US/Mountain (Wiki page: 2020-07-16 Identity WG Implementers Call)
- DIF DIDComm WG - Monday's at Noon US/Pacific - Sam Curren (Mon) - DID Doc services, etc.

Upcoming Releases and Work Updates

- Aries Protocol Test Suite
    - Instructions, docker added - Try It!
    - Issue, credential, and proof tests are merged.
    - esatus backchannel
- Aries Agent Test Harness - https://github.com/bcgov/aries-agent-test-harness

- Test compatibility between any two agents
- Better alignment with RFCs - e.g. States; externalizing data elements - e.,g, credentials, proof requests
- Work happening on an aries-framework-dotnet backchannel – going really well, by Timo Glastra and team
- Aries Shared:
  - indy-vdr (Andrew Whitehead) https://github.com/hyperledger/indy-vdr
    - **Help Found!** Update `did:sov` method of the DIF universal resolver to use indy-vdr instead of indy-sdk
  - indy-credx - https://github.com/bcgov/indy-credx
    - Experimental ACA-Py branch created that can do credential exchange with indy-credx
  - indy-shared-rs - https://github.com/bcgov/indy-shared-rs
    - Shared features across indy-vdr and indy-credx
    - pack/unpack on Ursa (not libsodium)
  - aries-credx-framework-rust - https://github.com/sovrin-foundation/aries-credx-framework-rs
  - Aries Secure Storage initiatives:
    - Soon to be pubic - from Andrew Whitehead
- Aries-CloudAgent-Python (bc.gov)
  - Release 0.5.3 will come soon
    - Proof validation handling needs a fix.
- Aries-Framework-Go (Troy) #aries-go
  - Implementing Android/iOS capability
    - GitHub Issue
    - Controller implementation status dashboard
  - Investigating BBS+ JSON-LD signatures
  - Investigating DIF attachments in issue credential and present proof protocols
    - Presentation Exchange
    - Credential Manifest
- Aries-SDK-Ruby (Jack)
  - Still working on JSON-LD 1.1 Signatures updates
  - Exploring BBS+ Signature support via rust bridge (same as used in Mattr's https://github.com/mattrglobal/jsonld-signatures-bbs)
  - Looking at Andrew Kane's lockbox gem for KMS with rails ActiveRecord (https://github.com/ankane/lockbox)
  - Beginning to open source GBAId RoR prototype: https://github.com/veridium/ (byoi, gbaid, gabidp, ggbarp)
- Aries-Framework-DotNet (Tomislav)
  - BBS+ support added - a wrapper. Tech spike work. https://github.com/streetcred-id/bbs-signatures-dotnet
- Aries-StaticAgent-Python
- Aries-Toolbox
  - PR for Connections Update
  - Converted to a web application by Robert Mitwicki - repo https://github.com/thclab/aries
  - Upcoming cleanup items
- Aries-SDK-Java
- Aries-Framework-JavaScript - Framework JS Meetings
  - Current focus is on mediator use case (NodeJS)
  - Plan for 1.0 defined; refactoring to be done
- Rich Schemas and W3C Verifiable Credentials (Brent & Ken)
  - Some work has been done to support the W3C Verifiable Credentials Data Model specification
  - Modifications to use BBS+ LD sigs as a first step - early exploration.
- Aries-MobileAgent-Xamarin (Aries MAX) - https://github.com/hyperledger/aries-mobileagent-xamarin
  - Ideas:
    - Automatic offer acceptance/managing credentials
    - Machine readable governance
- Ursa
  - Revocation 2.0 in process

Agenda

- RFC 348 - Transition message types to https.
  - IBM Status PR?
- Applications of Governance
  - Scenario Spreadsheet
  - Daniel Edit of Email Ownership Framework
- Closing Game
  - Message Tracing - PR 464
  - Extract Reuse to OOB - PR 502
  - Present Proof v2 - PR 486
  - Presentation Exchange in Present Proof v2 - PR 510
  - Credential Manifest in Issue Credential v2 - PR 511

- Example Governance Framework (Sam)
  - Email Verification
- Engage in Governance Frameworks (Sam)
  - Examples

Next Week

- Requests?
- ActionMenu RFC
- Presentation Exchange Format overview from DIF CC WG rep.

Future Topics

- ActionMenu
- Migrating to new JWE envelope format: https://github.com/hyperledger/aries-rfcs/issues/478
- DKMS status
- Credential Fraud: Example how in ACA-Py to verify same link secret across multiple credentials in presentation
- Schema interop - how to reuse a schema across different networks Robert Mitwicki(RFC in progress)
- Using WebSocket as a way to communicate back to the mobile/desktop wallet (Agent (services or user) as a proxy for communication between service and digital wallet) Robert Mitwicki

Action items

File	Modified