2020-12-02-B Aries Working Group Call (US afternoon)

Summary

- Aries Interop Next
- Toolbox mediation Demo

This call was recorded:

Date: 02 Dec 2020 (12PM Los Angeles, 3PM New York, Tuesday at 7AM Sydney)

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Attendees

- Sam Curren (Indicio) <sam@indicio.tech>
- Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>
- James Ebert (Indicio) <james.ebert@indicio.tech>
- Timo Glastra (Animo Solutions) <timo@animo.id>

Welcome / Introductions

Announcements

Related Meetings Review

- Ursa -
- SSI in IoT WG
- Indy Contributors - Every 2nd Tuesday 8am US/Pacific - See you next week about Releases of Indy Node and Indy SDK
- Indy DID Method Tuesdays 7am Pacific - Network Naming
- 2020-12-3 Identity Implementers WG Call (9am MT / 4pm UTC), presentation: Nicole Khor (Anonyome Labs, University of Queensland) will discuss her ongoing research into integrating SSI technologies with existing browser-based authentication protocols, such as WebAuthn.
- 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
  - OOB protocol testing added (phase 1)
  - Regular friday meetings, contact Keith Smith for details
- Aries Agent Test Harness - https://github.com/hyperledger/aries-agent-test-harness - Aries Interop Testing
  - CI Pipeline running – daily execution based on main branch of source systems. acapy-acapy, dotnet-dotnet, acapy-dotnet
  - Visualization of the results - behave output
  - Discovered an unanticipated incompatibility in ACA-Py main branch - pheww...
  - Adding aries-framework-go backchannel
  - Adding DID Exchange tests
- Aries Shared:
  - Working ACA-Py branch doing credential exchange! Adding handling in anticipation of JSON-LD credentials.
  - indy-vdr (Andrew Whitehead) https://github.com/hyperledger/indy-vdr
  - indy-credx - https://github.com/bcgov/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 Secure Storage initiatives:
    - https://github.com/andrewwhitehead/aries-askar
- Aries-CloudAgent-Python (bc.gov)

- ○ Release 0.5.6 is out.
- ○ Contributions in progress:
  - DID Exchange support added yesterday to main branch – testing
  - Adjustments for supporting aries-askar – mostly internal
  - Persistent Queues – Kiva
  - Multi-Tenant Support - SICPA and collaborators (Animo, Anon Solutions)
  - Mediator Support – Indicio
  - Getting to W3C Verifiable Credential support with ZKP and Selective Disclosure with Revocation.
    - DHS SVIP JSON-LD Verifiable Credential exchange in Aries Protocols
    - May be doing some bounties related to this
  - Thinking about adding aries-vdr concept – pluggable, multi-ledger resolution
- Aries-Framework-Go (Troy) #aries-go
  - ○ BBS+ Verifiable Credentials implemented using pure Go. Example.
    - ☑ Interop tests against Mattr implementation
    - ☐ Add selective disclosure capabilities
    - ☐ Interop tests against Mattr for selective disclosure
  - ○ Adding support for `did:web`
  - ○ Working on adding remote encrypted storage capability - with a default implementation of DIF Secure Data Storage - Encrypted Data Vaults.
  - ○ Created repo to handle pluggable go framework components such as Indy VDR: https://github.com/hyperledger/aries-framework-go-ext
    - MySQL and CouchDB components moved to ext repo.
- Aries-SDK-Ruby (Jack)
  - ○ Horcrux gem for ActiveStorage (0.0.4)
    - moved to https://github.com/decentralized-identity/activestorage-horcrux
    - refactored to change blob key directly (instead of via Tempfile)
- Aries-Framework-DotNet (Tomislav)
- Aries-Toolbox
  - ○ Connections Update Complete
  - ○ ACA-Py Toolbox Plugin updated to support ACA-Py 5.3
  - ○ Dependency Updates
  - ○ Converted to a web application by Robert Mitwicki - repo https://github.com/thclab/aries
- 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
  - ○ Go wrapper proceeding nicely
  - ○ Grand refactor in the next few months. Should not affect the external APIs. Will help future additions.

Agenda

- Issues
  - ○ PR 564 - terminology tweak

- ACA-Py Mediation / Aries Toolbox demo
- AIP Next - Stephen Curran

  - ○ AIP Doc: Unknown macro: 'lref-gdrive-file'

Next Week

Future Topics

- 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

Multimedia File zoom_0.mp4	Dec 03, 2020 by Sam Curren	
Multimedia File audio_only.m4a	Dec 03, 2020 by Sam Curren	
Text File chat.txt	Dec 03, 2020 by Sam Curren	

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