2019-08-14-A Aries Working Group Call (US morning)

Summary:

- Work updates and release updates
- Indy SDK architecture documentation
- Context object for Rich Schemas
- Aries SDK architecture

Note: This call is Recorded. Recordings posted at the bottom of the page.

Date

14 Aug 2019 (7AM Los Angeles, 10AM New York, 3PM London, 17H Moscow)

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Attendees

- Name (organization) <email>
- Richard Esplin (Evernym) <richard.esplin@evernym.com>
- Sam Curren (Sovrin Foundation) <sam@sovrin.org>
- Stephen Curran (Cloud Compass/BC Gov) <swcurran@cloudcompass.ca>
- Troy Ronda (SecureKey) <troy.ronda@securekey.com>
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- Ken Ebert (Sovrin Foundation) <ken@sovrin.org>
- Jakub Koci (Absa) <jakub.koci@gmail.com>

Welcome / Introductions

Announcements

- Community project: Aries RFCs - process to move HIPES; RFCs that have been moved concepts / features / pull requests.
- Aries Workshop/Connectathon December 3-5 in Provo, Utah (details to follow)

Summary of Prior Calls and Related Meetings

- Aries WG
- Indy
  - Indy Maintainers call calendar invitations have changed
- Ursa

Release Status

- Aries-CloudAgent-Python (bc.gov) - Release 0.3.0 has been tagged and is on PyPi
  - Architectural Deep Dive recording: https://wiki.hyperledger.org/download/attachments/16322546/GMT20190723-ACA_Deep_Dive_1920x1080.mp4?api=v2
  - Working on 0.3.1:
    - Command line cleanup
    - Multi-use invitations with private DIDs
- Aries-Framework-Go (Troy)

- Project planning is being done via GitHub Projects (https://github.com/hyperledger/aries-framework-go/projects with development tasks tracked at https://github.com/hyperledger/aries-framework-go/projects/2)
- Current iteration focus is on framework infrastructure, envelope crypto, did:peer, DID web client resolution, DID exchange protocol, and a controller API to enable demos & integration/bdd tests.
- Aries-SDK-Ruby (Jack)
  - Moved to https://github.com/hyperledger/aries-sdk-ruby
  - Released as a Gem at https://rubygems.org/gems/aries-sdk-ruby
- Indy SDK
  - August
- Ursa
  - Working on release of 0.2.0
    - ZKP / ZKLang improvements
    - Debian packages
    - Refactor internal plumbing for anoncreds 2.0, shouldn't impact external interfaces
    - Refactor multi-signature BLS in addition to aggregated signature

Work Updates

- Documentation improvements: Michael B and Stephen C
  - Aries focused Edx Course in November sponsored by the Linux Foundation
- SDK 2.0 architecture / Indy-Aries split (Sergey)
  - http://jira.hyperledger.org/browse/IS-1285
  - https://docs.google.com/document/d/1MYMi4NkixfoIJeC79WBOfX_QA3_9rG-iK3lZa86vIR0/edit#heading=h.z1u0dzf62loi POA and discussion
  - https://docs.google.com/drawings/d/1d-aCRC_Nzyywv9nyQif9_vBGbeWhp69M4T5_8_yYtAI/edit?usp=sharing Indy SDK Migration box diagram
  - https://docs.google.com/drawings/d/1sUffkRPlufingeeRjjBniVt9Ek3CNih9lUqym8mUl4M/edit?usp=sharing Aries Architecture
  - https://hackmd.io/_BhJewTlSUqMGNDc4SvgNw?edit developing ideas around APIs
  - Aries Presentations

RFC Progress

Other Business

- Documentation on the current Indy SDK architecture (Sergey Minaev)
  - https://github.com/hyperledger/indy-sdk/tree/master/docs/architecture
  - https://jira.hyperledger.org/browse/IS-1353
- Context Handler for Rich Schemas, and POC of improved architecture (Ken Ebert)
- LibAries: library threading models and synchronicity
  - See background in previous meeting minutes
  - Daniel's analysis of the challenge, and approaches: https://docs.google.com/document/d/18kHgTsHkSIIW9cakbampv8rxKxNchWycthHnXGyxkls/edit#
  - Ken's progress on a proposal
- Other LibAries architecture suggestions
  - Daniel Bluhm : https://hackmd.io/@gjPgYQjMT3azdpSAFgo5PA/HyjVdhVGr
- Stephen Curran concerns about too much Indy code moving to Aries
  - Should be possible to build an Aries agent without any anoncreds in it
- Next call: Continue the discussion of an Aries core library / Indy split until we have a plan that we can work together to implement.

Future Topics

- Hubs vs Agents
- Payments in Aries
- wallet query language
- IOT best practices (Robert Mitwicki, Adam Burdett , Lohan Spies)
- DID Resolution W3C and Sam's concerns: https://github.com/hyperledger/aries-rfcs/issues/130

Action items

Call Recording

File	Modified ▲
Multimedia File GMT20190814-140208_Community-_1920x1200.mp4	Aug 14, 2019 by Richard Esplin