2021-04-07-A Aries Working Group Call (AMER morning)

Summary:

- Work updates
- Trustworthy Data Mesh - Robert Mitwicki
- Open Discussion (as time permits)

Note: This call was recorded and the recording and chat transcript are at the bottom of the page.

Date

07 Apr 2021 (7AM Los Angeles, 10AM New York, 3PM London, 4PM CET, 18H Moscow)

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Attendees

- Name (Organization) <email>
- Robert Mitwicki <robert.mitwicki@humancolossus.org>
- Helen Garneau <hgarneau@contractor.linuxfoundationorg>
- Sam Curren (Indicio) <sam@indicio.tech>
- Steve McCown (Anonyome Labs) <smccown@anonyome.com>
- Artem Ivanov (Evernym) <artem.ivanov@evernym.com>

Welcome / Introductions

Announcements

- Hyperledger Aries Proposal to Exit Incubation Status
  https://bestpractices.coreinfrastructure.org/en/projects/4088
  - TSC will discuss at their meeting tomorrow.
- IIW April - virtual event (April 20th-22nd, 2021) - https://internetidentityworkshop.com
  - The website states that tickets are already available (from December 14th onwards) but nothing appears to have been activated yet.
- Aries Bifold - new project for open source mobile agent
  - Meeting today, the hour prior to Aries B call
  - Aries Bifold User Group Meetings
- The Content theme for April is #HyperledgerIdentity
  - Please send a short summary of any identity related projects to pr@hyperledger.org to be included in a blog roundup, due out later this month
  - Also looking for help in writing blog to spotlight Aries/Indy communities/technologies and how they work together
- Please attend DevRel Marketing call
  - Wednesday, April 14, the second Wednesday of every month at 9am PT Join Zoom: https://zoom.us/j/92403869974?pwd=V0ZFSmdpdmFjVDloUVJFQ2RzZjIzdz09
- CEN JNC 19 established

Related Calls

- Previous Aries Working Group B calls
- ACDC - see ACDC (Authentic Chained Data Container) Task Force at ToIP for more info.
- Input and Semantic WG at ToIP
- DIF DIDComm WG Call: Rolling Agenda.
- Indy contributors call
- Indy DID Specification

- 2021-04-8 : Identity Implementers WG Call (9am MT / 4pm UTC) : Daniel Bachenheimer (Principal Director at Accenture) will be presenting on the Known Traveler Digital Identity (KTDI; World Economic Forum initiative) and how it uses SSI / Hyperledger Indy stack.

Release Status and Work Updates

- Aries Protocol Test Suite
- Aries Agent Test Harness
  - Aries Framework Go backchannel working
  - DID Exchange tests added
  - Adding a summary of results of what is there, what is missing.
- Aries Shared:
  - Aries Shared: Fully functional branch that uses the shared libraries, not indy-sdk
    - indy-vdr (Andrew Whitehead) https://github.com/hyperledger/indy-vdr
    - indy-shared-rs - https://github.com/hyperledger/indy-shared-rs
    - aries-askar (storage): https://github.com/hyperledger/aries-askar
- Aries-CloudAgent-Python (bc.gov)
  - Release 0.6.0-RC1 is out – some cleanup after RC0
    - DID Exchange/OOB
    - Multi-tenancy
    - Mediator
    - Internal support for Indy/Aries Shared libraries
  - In progress work
    - New BDD test suite
    - Credential Exchange 2.0 with AnonCreds support
    - Persistent Queues to better run in scalable environments (Kubernetes)
    - Starting on W3C Standard Verifiable Credential support with ZKP/Selective Disclosure (BBS+)
- Aries-Framework-Go (Troy) #aries-go
  - 2020-11-03 Meeting Notes
  - BBS+ Verifiable Credentials implemented using pure Go. Example.
    - Next tasks: interop testing against Mattr implementation and selective disclosure capabilities.
  - Working on adding remote encrypted storage capability - with a default implementation of DIF Secure Data Storage - Encrypted Data Vaults.
    - Encrypted Data Vault (EDV) from DIF SDS spec format has been implemented. Works as an encryption wrapper to underlying storage providers.
    - DIF EDV/SDS REST client is in progress. Docker image will support configuring EDV endpoint as wallet storage.
  - Remote KMS support is in progress. Docker image will support configuring remote KMS.
  - 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.
    - New contributions of MongoDB and RabbitMQ support to the ext repo.
- Aries-SDK-Ruby (Jack)
- 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 HCF - repo https://github.com/thclab/aries
- Aries-SDK-Java
- Aries-Framework-JavaScript
- Rich Schemas and W3C Verifiable Credentials (Brent & Ken)
- Aries-MobileAgent-Xamarin (Aries MAX)
- Pending contributions from GlobalID:
  - indy-sdk PR for IOS
  - indy-sdk-android
  - Aries Framework IOS (Swift)
  - Aries Framework Android (Kotlin)
- Ursa

Notes:

RFC Progress

Other Business

Future Topics

- Next Meeting
- Other:
  - Where should we document interoperability results (AIP 1.0)? A page in this wiki space?
  - Hubs vs Agents
    - https://www.hyperledger.org/blog/2019/07/23/rhythm-and-melody-how-hubs-and-agents-rock-together
  - Status and future of wallet query language
  - DID Resolution W3C and Sam's concerns: https://github.com/hyperledger/aries-rfcs/issues/130
  - Connectionless
  - KERI - deep dive / transaction family / Notary groups /

Action items

☐

Call Recording

File	Modified