2020-02-26-A Aries Working Group Call (AMER morning)

Summary:

Planned:

- Work updates
- Discussion about CI / CD
- Discussion about KMS libraries

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

Date

26 Feb 2020 (7AM Los Angeles, 10AM New York, 3PM London, 4PM CET, 18H Moscow)

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.

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Attendees

- Name (Employer) <email>

Welcome / Introductions

Announcements

- Hyperledger Diversity, Civility, and Inclusivity Survey

Related Calls

- Previous Aries Working Group calls
- DIF DIDComm WG Call: Rolling Agenda.
- Identity Implementors Working Group call
  - Main place to get project updates, release status, and announcements.

Release Status and Work Updates

- Aries Protocol Test Suite
  - Issue, credential, and proof tests are merged.
- Aries Shared:
  - indy-vdr (Andrew Whitehead) [https://github.com/andrewwhitehead/indy-ledger-client](https://github.com/andrewwhitehead/indy-ledger-client)
    - Basically usable
    - Remaining work: Design doc, FFI, and testing
    - Will migrate repo to Hyperledger
    - As an Aries interface becomes standardized, will add that API layer
  - indy-aries-anoncreds / indy-creds indy-credx
  - Aries-Shared-Util
    - Pack / Unpack
    - Not started yet
- Aries-KMS
  - Will support multiple approaches
  - Mike and Cam's aries-core-rs aries-kms-(placeholder)
    [https://github.com/sovrin-foundation/aries-core-rs](https://github.com/sovrin-foundation/aries-core-rs)
  - aries-kms-taiga: evolution of the Indy wallet crate as a starting point
- Aries-CloudAgent-Python (bc.gov)
- Aries-Framework-Go (Troy) #aries-go
- Aries-SDK-Ruby (Jack)
  - Added DID/Verkey sign_and_submit to aries_sdk_ruby and published new gem (0.0.8)
  - Created aries-raiis-docker experiment that support Rails 4 with Indy 1.8.1 on Heroku & Dokku
- Aries-Framework-DotNet (Tomislav)
- Aries-StaticAgent-Python
- Aries-Toolbox
  - Added basic message admin
  - Working on a getting started video
- Aries-SDK-Java
- Aries-Framework-JavaScript / Aries-SDK-JavaScript
  - Started regular meetings: Framework JS Meetings
- Ursa
  - 0.3.2 released in February, includes key exchange methods (can replace libsodium)

**RFC Progress**

**Other Business**

- CI / CD Aries shared libraries
- Aries KMS design
  - Mike Lodder’s work on https://github.com/sovrin-foundation/aries-kms-rs
  - Evernym's work
  - Define approved algorithms
  - Define plugin interface (aries-kms)
  - 3rd party libraries we could leverage:
    - Google Tink as an encryption library

**Future Topics**

- Next Meeting (March 11)
- Other:
  - Formal verification (Sven Hammann)
  - Where should we document interoperability results (AIP 1.0)? A page in this wiki space?
  - Hubs vs Agents
  - Status and future of 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
  - Architecture of Aries Verifiable Credentials Proof Formats (Mike Lodder)

**Action items**

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**Call Recording**

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