2020-02-12-A Aries Working Group Call (AMER morning)

Summary:

- Work updates
- Discussion of Aries-Framework-Go

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

Date

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

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Attendees

- Name (Employer) <email>
- Troy Ronda (SecureKey) <troy.ronda@securekey.com>
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- Sven Hammann (ETH Zurich) <sven.hammann.90@gmail.com>
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- Rolson Quadras (SecureKey) <rolson.quadras@securekey.com>
- Marvin Berstecher (esatus AG) <m.berstecher@esatus.com>

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
        - 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
        - https://github.com/sovrin-foundation/aries-credx-framework-rs
    - 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
        - 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-rails-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
  - Rich Schemas and W3C Verifiable Credentials (Brent & Ken)
  - Ursa
    - 0.3.1 release in January
    - 0.3.2 released in February, includes key exchange methods (can replace libsodium)

RFC Progress

Other Business

  - Q&A about the Aries Framework Go (Troy Ronda and team)
    - Introduction: https://talks.troyronda.com/2020/01/aries-framework-go/
      - (Use Chrome, Firefox, or Safari Technology Preview 100+ to view the slides).
    - Evernym's questions for discussion: https://hackmd.io/3lDKx8nZT8OV6pXQiwT4Tw?view
    - Supported RFCs: https://github.com/hyperledger/aries-framework-go/issues/920
    - Generic API into the framework that can be used for any binding (started with JS worker and WASM)
      - https://github.com/hyperledger/aries-framework-go/commit/461943a54d9324302a3bd85d7e9842008b6b669c
    - Framework is modular, so the DID component can be used separately from credentials.
    - Framework Go Meetings
      - Public standup 10AM Eastern
      - Weekly planning Tuesday 10:30 Eastern
    - #aries-go
  - DID exchange versus DID connections
    - Considered part of DIF DIDComm.
    - But need to solve practical problems now, so not waiting for DIDComm group.

Future Topics

  - Next Meeting (February 26)
    - 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
    - CI / CD Aries shared libraries
  - Other:
    - Formal verification (Sven Hammann)
    - 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
    - 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

☐

Call Recording

File	Modified
Multimedia File GMT20200212-150318_Community-_1816x1080.mp4	Feb 12, 2020 by Richard Esplin
Multimedia File GMT20200212-150318_Community-.m4a	Feb 12, 2020 by Richard Esplin

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