2020-05-06-A Aries Working Group Call (AMER morning)

Summary:
- Work updates
- Recap from IIW - https://iiw.idcommons.net/Main_Page
  - Session notes: https://iiw.idcommons.net/IIW_30_Session_Notes
- Interesting topics:
  - Fundamental Problems of Distributed Systems
  - SSI: when I should start charging my customers?
  - Other?
  - KMS

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

Date
06 May 2020 (7AM Los Angeles, 10AM New York, 3PM London, 4PM CET, 18H Moscow)

Remember the Hyperledger Code of Conduct

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Attendees
- Name (Organization) <email>
  - Ken Ebert (Indicio Tech) <ken@indicio.tech>
  - Robert Mitwicki (robert.mitwicki@humancolossus.org)
  - Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>

Welcome / Introductions
Announcements
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
  - One agent under test
  - Issue, credential, and proof tests are merged.
- Aries Agent Test Harness
  - Test compatibility between any two agents
  - https://github.com/bcgov/aries-agent-test-harness_
- Aries Shared:
  - indy-vdr (Andrew Whitehead) https://github.com/hyperledger/indy-vdr
  - Nearing release 1.0(*) - most work complete that was needed: Design doc, FFI, testing, CI / CD
    - CD not there
    - No design doc, but crate docs
    - As an Aries interface becomes standardized, will add that API layer
      - Do we hold off on setting the version until this is in place. Maybe 0.8
    - VON Tails Server created based on indy-vdr created.
indy-credx - [https://github.com/andrewwhitehead/indy-credx](https://github.com/andrewwhitehead/indy-credx)
  - need to move ASAP to at least BC Gov repo - Andrew Whitehead
  - ACA-Py branch created that can do credential exchange with indy-credx
  - Next up: adding revocation 2.0 support
  - Integrating upgraded PyO3 library
indy-shared-rs - [https://github.com/bcgov/indy-shared-rs](https://github.com/bcgov/indy-shared-rs)
  - Shared features across indy-vdr and indy-credx
  - pack/unpack on Ursa (not libsodium)
  - home for revocation support? Or at least shared set membership proof handling?
aries-credx
  - [https://github.com/sovran-foundation/aries-credx-framework-rs](https://github.com/sovran-foundation/aries-credx-framework-rs)
    - 6 most common attribute encodings
    - Does not have anoncreds 1 attribute encoding.
    - Can make a non-revocable credential and create proofs.
    - Tagging will be moved to the KMS.
    - Mike will be working on revocation registry 2.0
aries-CloudAgent-Python (bc.gov)
  - Release 0.5.1 is on PyPi;
  - Revocation support added and tested with Streetcred and esatus Mobile Agents; major/minor version handling
aries-Framework-Go (Troy) #aries-go
  - Implementing the Out-Of-Band protocol
  - Implementing issue-credential and present-proof protocols
  - Edge agent in work based aries-framework-go using WASM with support for DIDs, VCx and DIDComm support being added
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)
  - Release last week for Aries compatibility with ACApy and LibVCX (RFC 0094)
aries-StaticAgent-Python
aries-Toolbox
  - Added basic message admin
  - Working on a getting started video
  - Converted to a web application by Robert Mitwicki - repo https://github.com/thclab/aries
  - Upcoming cleanup items
aries-SDK-Java
aries-Framework-JavaScript
  - Started regular meetings: Framework JS Meetings
  - Current focus is on mediator use case (NodeJS)
aries-MobileAgent-Xamarin (Aries MAX)
  - Evolution of the open source mobile agent (Mattr Global's OSMA)
  - https://github.com/hyperledger/aries-mobileagent-xamarin
Ursa
  - 0.4.0 scheduled for late March
    - Improved hash to curve algorithm
    - Updates to AMCL wrapper
    - To replace libodium, need to have a replacement for the anoncrypt / authcrypt sealed box for pack / unpack.
    - Can be done in Ursa with two steps, but might add as a single function call.

**RFC Progress**

**Other Business**

**Future Topics**
Action items

Call Recording

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