

# 2021-01-27-B Aries Working Group Call (US afternoon)

## Summary

- Credential Manifest
- Presentation Exchange

Date: 27 Jan 2021 (12PM Los Angeles, 3PM New York, Tuesday at 7AM Sydney)

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.

Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at <http://www.linuxfoundation.org/antitrust-policy>. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

## Attendees

- Sam Curren (Indicio) <sam@indicio.tech>
- [George Aristy](#) (SecureKey) <george.aristy@securekey.com>
- Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>
- James Ebert (Indicio) <james.ebert@indicio.tech>
- [Steve McCown](#) (Anonymome Labs) <smccown@anonymome.com>

## Welcome / Introductions

## Announcements

March 9,10,12 - [Thoughtful Biometrics](#)

April 20-22 - [IIW](#)

## Related Meetings Review

- Ursa -
- [SSI in IoT WG](#)
- Indy Contributors - Every 2nd Tuesday 8am US/Pacific - CI/CD of Indy Node and Plenum, Ubuntu 18.04/20.04 release, indy-sdk ready
- [Indy DID Method](#) Tuesdays 7am Pacific - Last: DIDDoc = NYM + 0/1 ATTRIB or NYM + 0/N ATTRIBs (one per DID Registry Element)
- [2021-01-28 Identity Implementers WG Call](#) (9am MT / 4pm UTC)
- DIF DIDComm WG - Monday's at Noon US/Pacific - [Sam Curren](#) (Mon) - DID Doc services, etc.

## Upcoming Releases and Work Updates

- Aries Protocol Test Suite
  - Instructions, docker added - Try It!
  - Issue, credential, and proof tests are merged.
  - esatus backchannel
  - OOB protocol testing added (phase 1)
  - Regular friday meetings, contact Keith Smith for details
- Aries Agent Test Harness
  - Aries Framework Go backchannel in process - running!
  - DID Exchange tests added
- 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 is pending.
  - Contributions included:
    - OOB/DID Exchange support merged
    - Adjustments for supporting aries-askar – mostly internal
    - Multi-Tenant Support - SICPA and collaborators (Animo, Anon Solutions)

- Mediator Support – Indicio - ACA-Py as mediator, ACA-Py as mediator client (through connections protocol) merged; Admin API, fixes in progress; need to add support for DID Exchange/OOB
  - In Progress:
    - Persistent Queues – Kiva – WIP PR submitted using redis
    - Credential Exchange V2 (RFC 0453/0454) – almost done
  - Starting soon:
    - Getting to W3C Verifiable Credential support with ZKP and Selective Disclosure with Revocation.
      - DHS SVIP JSON-LD Verifiable Credential exchange in Aries Protocols
- Aries-Framework-Go (Troy) #aries-go
  - Release v0.1.5 (<https://github.com/hyperledger/aries-framework-go/releases/tag/v0.1.5>)
    - Remote encrypted storage capability that leverage DIF Confidential Stores
    - Support for WebKMS
    - BBS+ Verifiable Credentials with selective disclosure
    - Support for `did:web` resolution
- Aries-SDK-Ruby (Jack)
  - Horcrux gem for ActiveStorage (0.0.4)
    - moved to <https://github.com/decentralized-identity/activestorage-horcrux>
    - refactored to change blob key directly (instead of via Tempfile)
- Aries-Framework-DotNet (Tomislav)
  - Revocation intervals affecting search - fix submitted.
- Aries-Toolbox
  - Connections Update Complete
  - ACA-Py Toolbox Plugin updated to support ACA-Py 5.3
  - Dependency Updates
  - Converted to a web application by Robert Mitwicki - repo <https://github.com/thclab/aries>
- Aries-SDK-Java
- Aries-Framework-JavaScript - Framework JS Meetings
  - Connection, Issue Credential protocol implemented, Working on present proof
  - Added support for react native
    - Working on open source mobile agent (<https://github.com/animo/aries-mobile-agent-react-native>)
- Rich Schemas and W3C Verifiable Credentials (Brent & Ken)
  - Some work has been done to support the W3C Verifiable Credentials Data Model specification
  - Modifications to use BBS+ LD sigs as a first step - early exploration.
- Aries-MobileAgent-Xamarin (Aries MAX) - <https://github.com/hyperledger/aries-mobileagent-xamarin>
  - Ideas:
    - Automatic offer acceptance/managing credentials
    - Machine readable governance
- Ursa
  - Go wrapper proceeding nicely
  - Grand refactor in the next few months. Should not affect the external APIs. Will help future additions.

## Agenda

- AIP Next
  - <https://github.com/hyperledger/aries-rfcs/pull/579>
  - Credential Manifest
  - Presentation Exchange
  - JWE envelope RFC 334 - Support ECDH-1PU (RFC needs work to tune towards v2)
  - Needed areas of work?
- PR/Issues

## Next Week

## Future Topics

- Schema interop - how to reuse a schema across different networks Robert Mitwicki (RFC in progress)
- Using WebSocket as a way to communicate back to the mobile/desktop wallet (Agent (services or user) as a proxy for communication between service and digital wallet) Robert Mitwicki

## Action items

File	Modified
Text File chat.txt	Jan 28, 2021 by Sam Curren
Multimedia File zoom_0.mp4	Jan 28, 2021 by Sam Curren
Multimedia File audio_only.m4a	Jan 28, 2021 by Sam Curren

[Download All](#)

