

# 2021-01-13-B Aries Working Group Call (US afternoon)

## Summary

- Hosted Mediator
- AIP

Date: 13 Jan 2021 (12PM Los Angeles, 3PM New York, Tuesday at 7AM Sydney)

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## Attendees

- Sam Curren (Indicio) <sam@indicio.tech>
- [Steve McCown](#) (Anonymo Labs) <smccown@anonymo.com>
- James Ebert (Indicio) <james.ebert@indicio.tech>
- Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>
- Charles Lanahan (Trustscience Inc.) <charles.lanahan@trustscience.com>
- [Phil Feairheller](#) (Scoir, Inc) <phil@scoir.com>

## Welcome / Introductions

## Announcements

Thoughtful Biometrics - March 9,10,12 [thoughtfulbiometrics.org](http://thoughtfulbiometrics.org)

## 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 release, indy-sdk release candidate is ready
- [Indy DID Method](#) Tuesdays 7am Pacific - Last: Transforming generating DIDDocs from NYM and
- [2021-01-14 Identity Implementers WG Call](#) (9am MT / 4pm UTC), presentation: Patrik Stas will be provide an introduction to the Indyscan project and how it helps monitor the health of Indy-based ledgers.
- 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 - <https://github.com/hyperledger/aries-agent-test-harness> - Aries Interop Testing
  - CI Pipeline running – now comparing tests one day to the next – "Fail" means results are different from what's in GitHub
  - In progress:
    - Adding aries-framework-go backchannel
    - Adding DID Exchange tests
- Aries Shared:
  - Working ACA-Py branch! Recording of information about the repos and performance:
  - indy-vdr (Andrew Whitehead) <https://github.com/hyperledger/indy-vdr> - communication with Indy-Node ledgers
  - indy-shared-rs - <https://github.com/hyperledger/indy-shared-rs> - includes indy-credx (Anoncreds support) and related packages
  - aries-askar - <https://github.com/hyperledger/aries-askar> - secure storage (wallet) initiative
- Aries-CloudAgent-Python ([bc.gov](http://bc.gov))
  - Release 0.6.0 is pending.
  - Contributions included:

- OOB/DID Exchange support merged – testing/tweaking
    - 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
    - More on OOB
    - Credential Exchange V2 (RFC 0453/0454)
  - 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)
- 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

- Hosted Mediator for community use - Daniel Bluhm / Indicio <https://indicio-tech.github.io/mediator/>
- AIP Next
  - <https://github.com/hyperledger/aries-rfcs/pull/579>
  - change from did:key to self encoded keys
  - JWE envelope
- PR/Issues
  - [580](#) - Issue Credential V2 - Adjustments
  - [577](#) - change from did:key to self encoded keys

## 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
Multimedia File zoom_0.mp4	Jan 14, 2021 by Sam Curren

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Multimedia File audio_only.m4a	Jan 14, 2021 by Sam Curren
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Text File chat.txt	Jan 14, 2021 by Sam Curren
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