

2021-02-24-B Aries Working Group Call (US afternoon)

Summary

- Aries Exit Incubation
- AIP 2.0

Date: 24 Feb 2021 (12PM Los Angeles, 3PM New York, Tuesday at 7AM Sydney)

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Attendees

- Sam Curren (Indicio) <sam@indicio.tech>
- [George Aristy](#) (SecureKey) <george.aristy@securekey.com>
- [James Ebert](#) (Indicio) <james.ebert@indicio.tech>
- Stephen Curran (Cloud Compass Computing Inc.) <swcurran@cloudcompass.ca>
- [Christos Patsonakis](#) (CERTH) <cpatsonakis@iti.gr>

Welcome / Introductions

Announcements

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

April 20-22 - [IIW](#)

June 8-10 [Hyperledger Global Forum](#)

Related Meetings Review

- Ursa -
- [SSI in IoT WG](#)
- Indy Contributors - Every 2nd Tuesday 8am US/Pacific - CI/CD of Indy Node and Plenum, Ubuntu 20.04 release, indy-sdk ready
- [Indy DID Method](#) Tuesdays 7am Pacific - Last: The possibility of adding a data element to a NYM to enable full DIDDoc support, eliminating the need for finding related DID+ATTRIB.
- 2021-02-25 : [Identity Implementers WG Call](#) (9am MT / 4pm UTC) – Lohan Spies (did:x) will provide a presentation of tools & methods for monitoring the health and security of Indy-based ledgers.
- DIF DIDComm WG - Monday's at Noon US/Pacific - [Sam Curren](#) (Mon) - DID Doc services, etc.
- Aries Bifold / Aries Mobileagent React Native - early community discussions
- TrustoverIP Saturn5 Interop Testing

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
 - Working on status page to describe the state of each daily test run (combinations of ACA-Py, Aries Framework .NET, Aries Framework Go and Aries Framework JavaScript)
 - Looking for more participants - Evernym, Aries-VCX, etc.
 - Looking for someone to add a Mobile Wallet Test Agent
 - Kiva looking to do this with mobile agent and mediator
- 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-RC1** tagged and [image posted](#).
 - A couple of tweaks between RC0 and RC1.
 - In Progress:
 - Persistent Queues – Kiva – WIP PR submitted using redis and supporting plugin queue managers
 - BDD test suite of integration tests that supplement the AATH tests – different startup options, e.g. multi-tenancy, mediator, etc.
 - Signed Transaction/Endorser Protocol
 - Credential Exchange V2 (0454) – almost done
 - Started:
 - Getting to W3C Verifiable Credential support with ZKP and Selective Disclosure
 - DHS SVIP JSON-LD Verifiable Credential exchange in Aries Protocols
 - Plans for this is outlined here: <https://hackmd.io/@animo/acapy-bbs-2>
- Aries-Framework-Go (Troy) #aries-go
 - Move storage definitions to service provider interface module.
 - Improvements to storage implementations.
 - Adding support for BBS+ curves in KMS (and then complete integration of presentation-exchange with BBS+ in the framework)
 - Implementing UniversalWallet2020 APIs
 - Fix: JSON-LD context verification when parsing verifiable presentations
- 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, PR open for present proof
 - Added support for react native
 - Working on open source mobile agent (<https://github.com/animo/aries-mobile-agent-react-native>)
- Aries-Bifold / Aries-Mobileagent-React-Native - [Aries Bifold Meetings](#)
- 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

- Aries Exit from Incubation
 - Criteria: <https://tsc.hyperledger.org/project-incubation-exit.html>; Hyperledger Aries Request: [Hyperledger Aries Proposal to Exit Incubation Status](#)
 - On the TSC agenda tomorrow morning.
 - Please review the request document, add your name to it if you agree, review and update the document as you see fit.
 - CII Badge questionnaire completed: <https://bestpractices.coreinfrastructure.org/en/projects/4088>
- AIP Next
 - <https://github.com/hyperledger/aries-rfcs/pull/579> (Main AIP 2.0 PR)
 - Discussion:
 - <https://github.com/hyperledger/aries-rfcs/pull/591>
 - We need new RFCs for the Indy AnonCreds, JSON-LD and BBS+ sub-targets to describe the credential exchange attachments for each
 - Daniel Hardman agreed to create the Indy one
 - Timo Glastra agreed to create the JSON-LD VC format one, with help from George Aristy
 - The BBS+ one will likely be an evolution of the JSON-LD one

- Draft and review preparation to be done for next week's meeting.
- Remove Credential Manifest as a sub-target
 - [Timo Glastra](#) is working on a minimal implementation of a replacement suitable for the issue-credential protocol and will include that in the new RFC mentioned above.
- Presentation Exchange RFC – [George Aristy](#) to review/revise the [RFC 0510-dif-pres-exch](#) as needed, mainly to nail down the specific version of the PE spec to use.
- DIDComm message envelope RFC – [Troy Rondato](#) to provide an overview of his [RFC 0587 PR](#), including, effort needed to add support to the frameworks, what a community update would look like, and how to use OOB (and DIDDoc?) to express what is supported by the sending agent.
 - Really hope to see [Tomislav Markovski](#) [Andrew Whitehead](#) [Timo Glastra](#) at the meeting to assess the impact on the three major open source Aries implementations.

Next Week

- RFCs for Indy AnonCred attachments, JSON-LD attachments (at least) and perhaps BBS+ attachments.
- JWE Envelope discussion.
- Perhaps: What's Wrong with OOB and DID Exchange and what should we be doing? - [George Aristy](#)

Future Topics

- Schema interop - how to reuse a schema across different networks [Robert Mitwicky](#) (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 Mitwicky](#)

Action items