

2023-01-11 Aries Working Group Call

Summary:

- OCA update
- Mediator race conditions
- peer did methods
- AIP 3 tasks

Date

11 Jan 2023 (7AM Los Angeles, 10AM New York, 3PM London, 4PM CET, 18H Moscow)

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Attendees

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Welcome / Introductions

Announcements

Release Status and Work Updates

- Aries Agent Test Harness (<https://aries-interop.info>)
- Aries Shared Components - Indy SDK replacements
 - Shared Rust Library/CredX (AnonCreds) <https://github.com/hyperledger/indy-shared-rs>
 - Indy Verifiable Date Registry - Ledger Interface <https://github.com/hyperledger/indy-vdr>
 - Aries Askar secure storage - <https://github.com/bcgov/aries-askar>
 - AnonCreds Rust - <https://github.com/hyperledger/anoncreds-rs>
- Frameworks:
 - Aries-CloudAgent-Python (<https://github.com/hyperledger/aries-cloudagent-python>, Meetings: [ACA-Pug Meetings](#))
 - Aries-Framework-JavaScript (<https://github.com/hyperledger/aries-framework-javascript>, Meetings: [Framework JS Meetings](#))
 - Version 0.3.2 released - <https://www.youtube.com/watch?v=PGgUPPwa63g>
 - Aries-Framework-Go (Troy) #aries-go (<https://github.com/hyperledger/aries-framework-go>, Meetings: [aries-framework-go](#))

- Aries VCX (<https://github.com/hyperledger/aries-vcx>)
 - Aries-Framework-DotNet (<https://github.com/hyperledger/aries-framework-dotnet>)
 - Picos as Aries agents (<https://github.com/Picolab/aries-cloudagent-pico>)
- Mobile:
 - Aries Mobile Agent React Native, aka Aries Bifold (<https://github.com/hyperledger/aries-mobile-agent-react-native>, Meetings: [Aries Bifold User Group Meetings](#))
 - Bifold Summit Happening now – [Bifold Summit 2023](#)
 - BCGov has released an Aries Bifold version, rebranded w/ BC blue/theme/etc (BC wallet)
 - Aries-MobileAgent-Xamarin aka Aries MAX (<https://github.com/hyperledger/aries-mobileagent-xamarin>)
- [aries-mediator-service](#) – a DIDComm Mediator in a Box
 - working on Pickup support
- [aries-endorser-server](#) – an Indy Endorser in a Box (in development)
- [Aries-Toolbox](#)
- Aries-SDK-Java
- Ursa (<https://www.hyperledger.org/use/hyperledger-ursa>, <https://github.com/hyperledger/ursa>)

Discussion Topics

- OCA for Aries RFC update -- a [summary of the recent changes](#)
 - PR: <https://github.com/hyperledger/aries-rfcs/pull/755>
 - RFC 0755 OCA for Aries: <https://github.com/swcurran/aries-rfcs/blob/oca4aries/features/0755-oca-for-aries/README.md>
 - RFC 0756 OCA for Aries Style Guide: <https://github.com/swcurran/aries-rfcs/blob/oca4aries/features/0756-oca-for-aries-style-guide/README.md>
- Race conditions in establishing mediated connections
 - When the client of a mediator is establishing a connection to another agent, they must:
 - Send a message to the mediator to add the new DID/Key for the connection ([RFC 0211](#) *keylist-update* message)
 - Send a message to the other agent – RFC 0160 Connections or RFC 0023 DID Exchange "request" message.
 - Load testing shows that this is problematic – sometimes the response from the other agent comes to the mediator before the keylist-update is complete.
 - Found to be the case in ACA-Py – being serialized. [Issue #2073](#).
 - Suggest checking Aries Framework JavaScript / Aries Bifold to see if it is an issue there.
 - If performance is affected – could "pre-allocate" some number (even 1) Key and do the keylist-update as a background task, similar to the way revocation registries are handled in ACA-Py.
- Daniel Hardman's Grand Unifying Theory – [Presentation](#) – [Recording](#)
 - did:keri?
- did:legacypeer
 - draft beginning here: <https://hackmd.io/IY-QK03XQP6cTj2XfQyOZw>
 - related issue: <https://github.com/hyperledger/aries-rfcs/issues/735> (Timo)
 - usable, but un-creatable in DIDComm v2 (use did:peer?)
- AIP 3.0 Tasks
 - https://hackmd.io/_Kkl9CITRBu8W4UmZVGdUQ
 - Update Issue Credential and Present Proof to include .1 and .2 improvements
 - note to list which RFCs are included in the v2 spec
 - [Lance Byrd](#) will add this
 - Indy credws Anoncreds
 - W3C format
 - BBS+ evolution
 - did:web RFC
 - [Alex Andrei](#) will do this
 - did:peer method 2 RFC
 - UX / OCA / Supplements
 - actionmenu
 - push notifications
 - BLE / NFC

Other Business

Future Topics'

- Thomas - Apache Camel AIP 1.0- done, touch base early next year.
- Issue Credential v2.1 learning
- State-of-union of Aries projects
- OIDC Credential Exchange in Aries - Mike Richardson
- decorator for redirection after proofs. - existing?

Action items

Call Recording

File	Modified
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