

2021-06-03 : Identity Implementers WG Call

Summary

On Today's Call:

- **Review: The Identity Implementer's WG is cancelled for today (6/3). Please join us when we reconvene in 2 weeks on 17 June 2021.**
- **Presentation:**

Connection Info

The call takes place over Zoom: <https://zoom.us/my/hyperledger.community.3?pwd=UE90WHhEaHRqOGEyMkV3cldKa2d2dz09>

Date

03 Jun 2021 **3PM UTC**, 8AM PDT, 9AM MDT, 11AM EDT

Welcome/Introductions

Anti-Trust Policy

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Hyperledger is committed to creating a safe and welcoming community for all. For more information please visit our Code of Conduct: [Hyperledger Code of Conduct](#)

All activities should be conducted in accordance with the [Antitrust Policy](#) found [here](#).

Attendees

- Name (Organization) <email>
- [Steve McCown](#) (Anonymome Labs) <smccown@anonymome.com>

Announcements

- Hyperledger Global Forum 2021 (June 8-10) - <https://www.hyperledger.org/event/hyperledger-global-forum-2021>
- IIW #32 Proceedings are now available <https://internetidentityworkshop.com/past-workshops/>

Working Group Reports and Release Plans

- **Main Identity WG**
 - Meeting Notes: [2021-04-14](#)
 - SSI implementation: Practical Experience From Alastria
 - Coty de Monteverde, Carlos Pastor, & Paula Pascual
 - Slides: https://wiki.hyperledger.org/display/IWG/2021-04-14?preview=/50135900/50136326/Alastria_Id_HyperLedger_2021%20v6.pdf
 - Meeting [Recording](#)
- **Hyperledger Indy Contributors WG**
 - [2021-05-11 Indy Contributors Call](#)
 - Indy-Plenum CI
 - No blockers, working on CD for Ubuntu 20.04
 - Indy-Node
 - Waiting on Indy Plenum.
 - Sovrin Release
 - Working on Issue with libsov token builds for IOS/client
 - indy-test-automation –waiting on the Sovrin packages
- **Hyperledger Aries**
 - **Aries Working Group meetings:**
 - Meeting Agenda & Notes: [Aries Working Group](#)
 - **WG A: 2021-05-05-B Aries Working Group Call (US afternoon)**
 - AIP Next – Last Items
 - <https://github.com/hyperledger/aries-rfcs/pull/579> (Main AIP 2.0 PR)
 - PRs
 - Other AIP 2.0 Issues
 - <https://github.com/hyperledger/aries-rfcs/issues/654> (RFC 587)
 - **WG B: 2021-05-19-B Aries Working Group Call (US afternoon)**
 - AIP Next – Last Items
 - <https://github.com/hyperledger/aries-rfcs/pull/579> (Main AIP 2.0 PR)
 - Other AIP 2.0 Issues
 - <https://github.com/hyperledger/aries-rfcs/issues/654> (RFC 587 kid/skid).
 - WACI Pex / Aries contributions
 - WACI Proposal: <https://github.com/decentralized-identity/waci-presentation-exchange/blob/main/spec/spec.md>
 - AIP 2 based similar flow: <https://hackmd.io/qePTzDDQRxOfqcnQFGTc4w?view>
 - WACI Adaptation: https://hackmd.io/VFU0iL4ZQyuekaXwD_YQNg?view
 - **Aries Agents (Cloud Agent Python, Static Agent)**
 - Release [0.6.0 tagged](#) and [image posted](#).
 - Recently Merged:
 - BDD test suite of integration tests that supplement the AATH tests – different startup options, e.g. multi-tenancy, mediator, etc.
 - In Progress:
 - Credential Exchange V2 (0454) - almost done
 - Shared Components: Fully functional branch that uses the shared libraries, not indy-sdk
 - Getting to W3C Verifiable Credential support with ZKP and Selective Disclosure
 - DIF Presentation Exchange
 - **Aries Bifold User Group** (React Native & Typescript)
 - [2021-05-19 Aries Bifold Users Group Community Meeting](#)
 - Key features: connections, credentials, presenting proofs, revocation, authentication (PIN/biometrics), messaging, multi-ledger detection, UI/UX
 - Shared Components
 - Separated Indy Components in AFJ (with interfaces)
 - Ledger operations - Indy VDR, Indy VDR as Proxy, Indy SDK
 - C wrapper with Turbo modules
 - Outline approach in Indy VDR Issue
 - Start with one component - Indy VDR
 - Code Base
 - Aries Bifold: <https://github.com/Indicio-tech/aries-bifold>
 - Aries Mobile Agent React Native (moved to Hyperledger) - <https://github.com/hyperledger/aries-mobile-agent-react-native>
 - Aries Framework Javascript: <https://github.com/hyperledger/aries-framework-javascript>
 - rn-indy-sdk: <https://github.com/AbsaOSS/rn-indy-sdk>
 - Rocket Chat Channel: <https://chat.hyperledger.org/channel/aries-bifold>
 - **Aries Language Frameworks, Libraries, and SDKs (Go, Java, JavaScript, .NET, Ruby, Python)**
 - **Aries Shared Libraries (agent storage, vdr, utils)**
 - Aries Shared Components

- now installable via pip; github actions build and test for Windows, Mac and Linux
 - indy-vdr - release 0.3.0 <https://github.com/hyperledger/indy-vdr>
 - indy-shared-rs - indy-credx release 0.3.0 <https://github.com/hyperledger/indy-shared-rs>
 - aries-askar (storage) - release 0.1.3, will be working on BBS+ and DIDComm v2 support <https://github.com/hyperledger/aries-askar>
- **Aries-Framework-Go #aries-go**
 - 2021-05-04 Framework Go Weekly Planning
 - [Released v0.1.6](#)
 - Implementing [UniversalWallet2020](#) APIs
 - Working on AIP 2.0 and AcaPy integration
- **Aries-SDK-Ruby**
 - Horcrux gem for ActiveStorage (0.0.4), moved to <https://github.com/decentralized-identity/activestorage-horcrux>
- **Tools (great for interoperability testing)**
 - Aries Toolbox – supports ACA-Py 5.3 <https://github.com/thclab/aries>
 - Aries Protocol Test Suite - <https://github.com/hyperledger/aries-protocol-test-suite>
 - Aries Agent Test Harness - <https://github.com/hyperledger/aries-agent-test-harness>
 - Test Run Status: <https://aries-interop.info>
 - New! Mobile Wallet Test Agent for any mobile wallet
- **Hyperledger Ursa**
 - Homepage: [Hyperledger Ursa \(EOL\)](#)
 - 2021-05-12 Meeting Agenda
 - Reviewed threshold ECDSA protocols:
 1. <https://eprint.iacr.org/2017/552.pdf>
 2. <https://eprint.iacr.org/2018/499.pdf>
 3. <https://eprint.iacr.org/2018/987.pdf>
- **Trust Over IP Foundation**
 - Main site: <https://trustoverip.org/>
 - Wiki: <https://wiki.trustoverip.org/display/HOME/Trust+Over+IP+Foundation>
 - All Members Meeting
 - 28 Apr 2021: <https://wiki.trustoverip.org/display/HOME/2021-04-28+All+Members+Meeting+Notes>
 - Slides: [Trust over IP Foundation _ All-Member Meeting 04.28.21.pdf](#)
 - [Recording](#)
 - Project Charter (JDF 5.0)
 - Good Health Pass - now a full ToIP project effort
 - <https://www.goodhealthpass.org/>
 - ToIP Whitepaper v2 underway
 - Letter of Agreement - Sovrin and ToIP
 - Mutual support of each organization's efforts
 - Steering Committee Meeting
 - 18/19 Mar 2021: Special Project Meeting
 - Wiki: <https://wiki.trustoverip.org/pages/viewpage.action?pageId=75979>
 - Slides: [Communications Committee - Agenda 05.14.21.pdf](#)
 - Recording: [Link](#)
 - ToIP Working Groups:
 - Communications Committee: <https://wiki.trustoverip.org/display/HOME/Communications+Committee>
 - [Governance Stack](#)
 - [Technical Stack](#) - Interoperability Taskforce
 - [Utility Foundry](#)
 - [Ecosystem Foundry](#)
 - [Decentralized Semantics](#)
 - [Concepts and Terminology](#)
- **DIF DIDComm Working Group**
 - Rolling Agenda: <https://github.com/decentralized-identity/didcomm/blob/main/agenda.md>
 - 10 May 2021 meeting
 - PRs
 - [190](#) - restoring anoncrypt (already merged)
 - Needs note about value of authcrypt, and why you should not invent another way to authenticate messages (future PR)
 - [185](#) - kid and skid headers
 - keys vs key refs
 - [172](#) - Fix inconsistencies with to/next attributes in a forward message.
 - [161](#) - Attachments
 - Discussion Topics
 - Ethereum Compatible Key Wrapping - Oliver
 - JSON-LD Contexts - Oliver
 - Keys by Value or Ref
- **DIF Interoperability Group**
 - Main: <https://identity.foundation/interop/>
 - Wiki: <https://www.notion.so/Interoperability-WG-a42995c37e2a4511a10aea96cdbc38>
 - Rolling agenda: <https://github.com/decentralized-identity/interoperability/blob/master/agenda.md>
 - 28 April 2021:
 - Nick Mothershaw (UK) from the Open Identity Exchange (OIX) will talk about the guide to defining, enforcing, and comparing trust frameworks that OIX released last July
 - A Guide to Trust Frameworks and Interoperability: <https://openidentityexchange.org/guide-trust-frameworks-interoperability>
- **Sovrin Foundation**

- Technical Governance Board (TGB)



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- 6 May 2021 Meeting Minutes:
 - Sovrin Security Policies need updating
 - <https://github.com/sovrin-foundation/sovrin-sip/tree/master/text/5002-sovrin-crisis-management-plan>
 - <https://github.com/sovrin-foundation/sovrin-sip/tree/master/text/5005-preliminary-security-review>
 - CI/CD / Ubuntu 20.04 Upgrade and Sovrin Release Planning - Stephen/Wade
 - CD for Indy Plenum is done, and in review
 - Status of the did:indy DID Method - Stephen
 - Will disallow non-self-certifying DIDs
 - Concern about user selected DIDs being a security risk
 - Concern about user selected DIDs being "squatted" on other networks: clients need to use fully qualified DIDs.
 - Working with UK Department for Digital, Culture, Media&Sport and participating on their Trust Framework. They have requested the following:
 - <https://www.gov.uk/government/publications/the-uk-digital-identity-and-attributes-trust-framework/the-uk-digital-identity-and-attributes-trust-framework>

- Steward Council



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- Rolling Agenda:
- Next meeting is today
- 1 April 2021
 - Make LibIndy easier to use for app developers (Steve McCown)
 - Methods for Wrapping Rust Code (using Mozilla Uniffi - <https://github.com/mozilla/uniffi-rs>)
 - Presentation slides attached (<https://wiki.hyperledger.org/display/IWG/2021-03-25+%3A+Identity+Implementers+WG+Call>)
 - Health / Monitoring (Wade)
 - New plug-in architecture
 - [Good list of tickets for new contributors in issue #24](#)
 - Updating the node selection algorithm
 - Technical Workstream (Wade)
 - Indy upgrade to Ubuntu 20.04
 - Works on Ubuntu 20.04, but CI pipeline is not complete. Need contributors.
 - Migrating release artifacts to Hyperledger Artifactory.
 - Token Plugin:
 - Devin Smith has taken over from Anmol.
 - Existing builds have been fixed.
 - Working on upgrade to Ubuntu 20.04
 - Plans to switch to GitHub Actions after upgrade.
 - Sovrin Deb
 - Merge from Stable to Master is ready for review
 - Steward Community
 - Vote on removing the Sovrin Token: 11 keep / 11 remove
- **W3C Standard**
 - Verifiable Credentials Working Group
 - DID Working Group
- **Other?**

Presentation:

Future Topics

- Trust over IP (www.trustoverip.org)

Call Recording

