2019-08-15 Identity WG Implementers Call

Summary

Planned topics:

- Project updates
- Indy performance testing
- GitLab CI/CD Migration Discussion

Connection Info

The call takes place over Zoom here https://zoom.us/j/232861185

Reminder to the host: we plan to record this call.

Date

15 Aug 2019 3PM UTC, 8AM PDT, 9AM MDT, 11AM EDT

Welcome/Introductions

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Attendees

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Steven Gubler	Sovrin Foundation	steven.gubler@sovrin.org

Announcements

- BC Gov is interested in formally collaborating with groups with working Mobile Agents. **Expected signing of MOU by August 6, 2019**
  - From the #aries channel: The folks from the BC gov VON (https://vonx.io) team, would like to share an opportunity with members of open communities to work with us to do some focused collaboration around mobile agent, Aries agents and aries-cloudagent-python interoperability. We have a pilot production service planned for a significant professional accreditation organization within our province coming up in the fall. This pilot has a requirement for mobile agents to be able to hold and offer verifiable credentials issued and verified by services operating instances of aries-cloudagent-python. Details are in this Open Collaboration MOU: https://drive.google.com/open?id=1GPZ4p4zM36AN3DcHJ13s_IisSrT4F3S0
- Other Announcements

Working Group Reports

- Main Identity WG
  - Rehash of the Implementers call and open discussion
- Hyperledger Indy
  - No meeting this week due to scheduling errors, but there will be a US Afternoon call this coming Monday.
  - Next meeting: 2019-08-19 Indy Maintainers Call (new pack/unpack vs old msg pack,
  - working on a bugfix release between indy-node and indy-sdk by the end of the month
  - view change protocol change
  - Proof of Possession of a Payment Address added
  - Endorsing a 3rd party transaction support
  - For details see the video in Evernym Sprint Demos
- Indy Semantics WG
  - Review of progress on Rich Schemas effort
    - Node code is making good progress, working on strategies for threading models in the SDK
    - indy-resolver POC for a synchronous threading model
    - reviewing performance testing metrics going forward to understand the consequences of any changes
    - Went through data model that Paul, Robert and JanL are working on for consent collection.
- Hyperledger Aries
  - Both working group calls this week
  - Threading model for Aries and how to split it up and back and forth non previous experience
    - About six different takes on how the split will happen, reconciliation and mechanics of making it happen are evolving
  - DIF interop project involvement (the Aries project seems to be the most active on enterprise implementation)
    - Hope to influence credential exchange protocol across multiple projects
  - Discussed DID resolution spec issues
  - What needs to get done before IIW in six weeks (demos and prep needed to advance the community discussion)
- Hyperledger Ursa
  - Working on new ZKP techniques for zmix
  - packaging to make ZMix more consumable (Ubuntu and RedHat packaging)

- Streamlining things for Anoncreds 2.0
- 0.2 release "coming soon" (target date to be announced "real soon now")
- Sovrin Network updates and extensions
  - New auth_rules are on Main Net.
  - Transaction Author Agreement is on Builder Net, but not yet on Staging Net or Main Net.
  - Pay attention to Builder Net so you don't get broken when things move to other networks.
  - Documentation Sovrin Token:
    - https://github.com/hyperledger/indy-sdk/tree/master/docs/design/004-payment-interface
    - https://github.com/sovrin-foundation/sovrin-sip/tree/master/text/sovrin-tokens
    - https://github.com/sovrin-foundation/token-plugin/tree/master/docs
    - https://github.com/sovrin-foundation/libsovtoken/tree/master/doc
    - https://github.com/hyperledger/indy-sdk/tree/master/docs/design/006-cli-plugins
    - https://github.com/hyperledger/indy-sdk/tree/master/docs/design/007-cli-payments
    - https://github.com/hyperledger/aries-rfcs/tree/master/features/0075-payment-decorators
- Sovrin Governance Frameworks and Trust Architecture
  - New revision of Transaction Author Agreement with Data Processor Addendum will be discussed in August 28 meeting.
  - New TAA should be more friendly internationally.
- W3C Verifiable Credentials and DID updates
  - VC Data Model specification in its second CR period ending on the 21st
  - Push to send for proposed rec vote after that
  - Lots of work on the test suite, with some difficulties in the JWT parts of the test suite
  - Implementation guide work now ongoing to have ready at the same time the data model spec goes to vote
  - Effort to wrap up use cases document also underway
  - The DID specification charter is being voted on to become a standards-track working group – if you org can vote, please support the charter
  - Hope to form the DID WG prior to TPAC in September
  - Proposed charter for DID WG: https://w3c-ccg.github.io/did-wg-charter/
  - DID Final Community Group Report: https://w3c-ccg.github.io/did-spec/CGFR/2019-08-10/
- Interop and External updates
  - Michael Herman has a project update
    - DID server project (identity platform based on C# core .NET DNS Server implementation)
      - youtube webcast available soon

Topics and Demos

Report from Blackhat - Steve McCown

- Hack of Whatsapp allowed misattribution of postings—an identity use case. Didn't break the encryption, but messed with the protocol. Aries protocols need to avoid the same types of mistakes.
  - https://research.checkpoint.com/black-hat-2019-whatsapp-protocol-decryption-for-chat-manipulation-and-more/

Performance testing in Indy - Vladimir Shishkin (Evernym)

- Benchmark Summary 2019:
- Load test scripts: https://github.com/hyperledger/indy-node/tree/master/scripts/performance
- Scripts for wallet testing: https://github.com/hyperledger/indy-sdk/blob/master/libindy/benches/wallet.rs
- Scripts for encryption performance testing: https://github.com/hyperledger/indy-sdk/blob/master/libindy/tests/crypto.rs#L730
- Scripts for chaos testing: https://github.com/hyperledger/indy-test-automation/

GitLab CI/CD Migration update - Steven Gubler

- GitLab CI research: https://jira.hyperledger.org/browse/INDY-2168
- Actively working on the Indy SDK CI pipeline. Goal is to have something functional by the end of August.

Open Discussion (Future Topics)

Next Meeting Topics

Future Topics

- Roadmap coordination between projects?

Action items

- [ ]

Call Recording

File	Modified ▲
Text File 2019-08-15-Identity_WG_Implementers_Call_chat.txt	Aug 15, 2019 by Ken Ebert

Multimedia File 2019-08-15-Identity_WG_Implementers_Call.mp4   Aug 15, 2019 by Ken Ebert

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