2020-03-23 Indy Contributors Call

Summary

- Change to meeting room
- Status of the Sovrin Network
- Process used to troubleshoot an issue with the Sovrin Network

We intend to record this call.

Remember the Hyperledger Code of Conduct

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Introductions

Attendees

- Name (Organization) <email>
- Richard Esplin (Evernym) <richard.esplin@evernym.com>

Related Calls and Announcements

- Identity Implementors Working Group call
    - Main place to get project updates, release status, and announcements.
- Results from call to discuss techniques for supporting an Indy Network

Release Status and Work Updates

- Indy Node
    - March:
        - Replacing Indy Crypto with Ursa (Kiva)
        - More "rich schema" objects
    - Future
        - Ubuntu 18.04 (Kiva)
            - Need to check additional dependencies:

> ⚠ Unable to render Jira issues macro, execution error.

- Indy SDK
    - March:
        - 1.15.0:
            - LibVCX improvements to reject proof and connection redirect
            - Bug fixes
- Aries VCR
    - https://github.com/bcgov/indy-catalyst
    - Working on transitioning to Hyperledger - rename, required files, documentation
    - Being deployed at Government of Canada
- Anoncreds 2.0
    - Mike: Creating a development plan in the Indy section of the wiki
    - Mike: Aries-Credx
    - Andrew: indy-credx
- Aries Shared Libraries
    - Aries Shared:
        - indy-vdr (Andrew Whitehead) https://github.com/hyperledger/indy-vdr
            - Remaining work: Design doc, FFI, testing, CI / CD
                - PR for using GitHub actions to run unit tests for CI.
   - Mike can help review.

- - - - ■ Mike and Artem can help with CD artifacts for the various platforms.
      - As an Aries interface becomes standardized, will add that API layer
      - Split out an Indy-Util to contain common components between Indy-VDR and Indy-Credx
        - Need to check that duplicate copies of the util library doesn't cause trouble.
    - indy-credx / aries-credx
      - https://github.com/sovrin-foundation/aries-credx-framework-rs
        - 6 most common attribute encodings
        - Does not yet have anoncreds 1 attribute encoding.
      - https://github.com/andrewwhitehead/indy-credx
        - Can make a non-revocable credential and create proofs.
        - Tagging will be moved to the KMS.
        - Mike will be working on revocation registry 2.0
    - Aries-Shared-Util
      - Pack / Unpack
      - Not started yet
    - Aries-KMS
      - Mike working on documentation and architecture as an Aries RFC (KMS architecture) and Ursa RFC (API)
        - PR is submitted: https://github.com/hyperledger/aries-rfcs/pull/440
      - Mike and Cam's aries-core-rs aries-kms-mayaguez
        https://github.com/sovrin-foundation/aries-kms-rs
        - Persistence work allows plugging in any database engine.
        - Focus is using an external enclave.
      - Indy wallet crate might move to start another aries-kms implementation aries-kms-vostok
  - Ursa 0.3.2
    - To replace libsodium, need to have a replacement for the anoncrypt / authcrypt sealed box for pack / unpack.
      - Can be done in Ursa with two steps, but might add as a single function call.

Other Business

- Change to meeting room
  - https://lists.hyperledger.org/g/indy/viewevent?repeatid=13838&eventid=708081&calstart=2020-03-23_
- Status of the Sovrin Network
- Pick an issue reported against the Sovrin networks, and show how we found the problem in the logs. Sergey Khoroshavin
  -
    ⚠ Unable to render Jira issues macro, execution

    error.
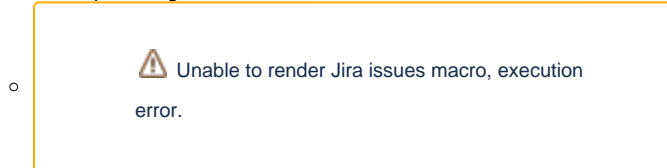
Future Calls

Next call:

Future:

- Requirements questions:
  - IS-1099: anoncreds.prover_get_credentials_for_proof_req should return per-credential timestamp
    - Should we allow duplicate credentials from the same issuer?

Action items

- ☐ HIPE #138, Issue #144 (Ken and Brent)
  - Create a PR for changing status to ACCEPTED
  - Check for an Aries RFC

- ☐ PR to RFC #0019 to compare pack/upack to msgpack (Sergey)

- ☐ Richard and Sergey will close old pull requests with a descriptive comment.

- ☐ Mike wants to review the 61 cases of "unsafe" libindy calls and figure out if they are justified.

Call Recording

GMT20200323-1...1920x1080.mp4

GMT20200323-1...ommunity-.m4a

GMT20200323-15...Community-.txt