

2020-04-09 Identity WG Implementers Call

Summary

Planned

- Project updates

Connection Info

The call takes place over Zoom here <https://zoom.us/j/244779296> (this is the meeting invite that worked as of 2/13/2020 <https://zoom.us/j/244779296>)

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

Date

09 Apr 2020 4PM UTC, 9AM PDT, 10AM MDT, 12AM EDT

Welcome/Introductions

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BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

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Attendees

- Name (Organization) <email>
- [Steve McCown](#) (Anonymome Labs) <smccown@anonymome.com>
- [John Callahan](#) (Veridium) <jcallahan@veridium.com>
- [Nathan George](#) (Independent) <nathan@ngeorge.org>
- Gary DeGruccio (gddg57@ptd.net)

Announcements

- Internet Identity Workshop, April 28-30, (<https://internetidentityworkshop.com>)
- New: SSI Covid-19 group (<http://fightthevirus.world>)

Working Group Reports and Release Plans

- Main Identity WG
 - [Meeting notes](#)
 - [Video recording posted from March 18](#): Known Traveler Digital Identity
 - Vipin presentation on various Identity app approaches from other countries
- Hyperledger Indy
 - Contributors Meeting
 - Specific case of troubleshooting an Indy network
 - [Notes and recording](#)
 - Evernym will step away to work on another use case
 - Indy Node
 - March: delayed until April to use the new Ursa.
 - April: New Ursa, including better hashing. Rich schemas objects. Bug fixes. Also a statically linked ZMQ tool.
 - Slowing release cadence to every-other month-ish.
 - Indy SDK
 - March: 1.14.4: Bug fixes and new features in LibVCX (Connection Redirect and Reject Proof)
 - Smaller releases because of focus on Aries Shared libraries.
 - Indy Catalyst
 - <https://github.com/bcgov/indy-catalyst>
 - Moving to Aries as the Aries Verifiable Credential Registry
 - Indy Semantics WG
 - ODCA pilots underway
- Hyperledger Aries
 - Aries Working Group meetings:
 - Meeting Agenda & Notes: [Aries Working Group](#)
 - Richard hosting biweekly meetings - looking for someone to step in 4 weeks from now. Ideally, someone outside of North America. European participation welcomed, ideal for someone from Europe to lead the meetings.
 - WG A:
 - Last meeting: Detailed work update.
 - Next meetings: Formal verification (April 8), IoT best practices (April 22)
 - Presentation on formal verification of protocols - particularly security protocols. The recording is available (Sven H.) DID Exchange Protocol in Aries and testing he's done in a formal verification tool. A necessary component to detect man in the middle situations with that protocol. If implementations not doing sufficient checking, they may not detect man in the middle. Using strong crypto; however, as we apply that crypto and connect - the opportunity for man in the middle. Slides/links in the morning A-call meeting minutes.
 - WG B: meeting notes [2020-02-12-B Aries Working Group Call \(US afternoon\)](#)
 - Mediator cloud agents
 - DIDExchange
 - B-call - closed a couple of issues. Mediator cloud agent demo - showing and talking through concept and demonstration of cloud agent as a position end point for a mobile agent, a disconnecting agent. Second demo on tracing inside Aries protocol - with the capability turn on tracing to track performance, spit out performance messages. Or, just for specifically protocol issues, spin records, and present in a tool. Using Elastic Search and Kibana to show data and how to query + visual presentation. Specific agent or across agents. Second round on Credential Exchange 2.0 - making more agnostic versus Indy specific. Pretty good in version 1, version 2 finishes - specific to Indy + agnostic for other credentials.
 - Next WG A: Discussing Aries-Framework-Go. Notes and recordings
 - Aries Agents (Cloud Agent Python, Static Agent)
 - Aries Cloud Agent Python - [ACA-Py User Group \(ACA-Pug\)](#) Bi-weekly meetings
 - Release 0.4.5 is current; Release 0.5.0 is pending, including support for revocation (1.0 version), multi-protocol versions and tracing.
 - We're working with Streetcred and esatus for getting revocation working with mobile agents.
 - [Static Agent Python - Release 0.7.1](#) - Patch to accept base64url encoded values with or without padding
 - Toolbox - Various improvements including Transaction Author Agreement support for Indy ledgers requiring it
 - Tools
 - Aries Protocol Test Suite
 - Aries Toolbox
 - Aries Shared Libraries (agent storage, vdr, utils)
 - indy-vdr (Andrew Whitehead) <https://github.com/hyperledger/indy-vdr>
 - Remaining work: Design doc, FFI, testing, CI / CD
 - As an Aries interface becomes standardized, will add that API layer
 - Integrating into LibIndy in a separate branch, goal is to release in April/May
 - indy-credx / aries-credx

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- <https://github.com/sovrin-foundation/aries-credx-framework-rs>
 - <https://github.com/andrewwhitehead/indy-credx>
 - Ran a branch of ACAPy with Aries Credx instead of LibIndy
 - Aries-Shared-Util
 - Pack / Unpack
 - Not started yet
 - Aries-KMS
 - [Mike's presentation in Aries WG A](#)
 - Mike and Cam's aries-core-rs aries-kms-mayaguez
<https://github.com/sovrin-foundation/aries-kms-rs>
 - Indy wallet crate might move to start another aries-kms implementation aries-kms-vostok
 - Aries Language Frameworks and SDKs (Go, Java, JavaScript, .NET, Ruby, Python)
- Hyperledger Ursa
 - 0.4.0 scheduled for late March
 - Hash to curve
 - Updates to AMCL wrapper
 - [Presentations](#)
 - No call - will push predicates, never put into Indy and made available to Aries. Will add full set or more predicates than > = . Working on Aries wallet and using the Ursa capabilities for that.
- Sovrin
 - Status of the network is good, even though the Sovrin Foundation is going through a transition.
 - First half of meeting update on Sovrin Foundation and reports from committees. Second half on the [Covid Governance](#) workstream committees.
 - Sovrin transition - Riley on the transition team - See Riley draft presentation slides below >>
- DIF DIDComm Working Group
 - [WG Rolling Agenda](#)
 - Outlining changes that are needed to Aries RFCs.
- W3C Standard
 - Verifiable Credentials Working Group
 - DID Working Group
 - DID Working Group Face-to-Face this week. Expect freeze to standard in May.
- Other?

Not official Sovrin communication - not private; however, they are drafts, they are not final. Discussion of options - [Please get involved](#)

 <h2 style="text-align: center;">Transition Committee Report</h2> <hr style="width: 30%; margin: 20px auto;"/> <p style="text-align: center;">2020-04-08</p>	<p>Six major workstreams for transition.</p>
<h3>#1: Immediate Stabilization/Funding</h3> <ul style="list-style-type: none"> ● Cost base stabilized essential operational cost preserved - some impact for community ● Debt <p>Philippe Page</p>	<p>Ongoing servers with pipelines. People who help stewards run their nodes. Funding to continue those resources - cost base reduced dramatically. Previous \$6-8k to functioning and no rent.</p> <p>Continuous integration pipelines turn off. PR slowed from 5 to 10 hours.</p> <p>Debt - employee travel</p>

#1: Immediate Stabilization/Funding



- Cost base stabilized essential operational cost preserved - some impact for community
- Debt

Philippe Page

Looking for funding for 3 months. Then, the next 3 months. Six-month plan - fully transitioned foundation with a sustainable business model.

#2: Comms



- More focus on Sovrin 2.0
 - Sovrin Evolution - Community Members Working Together
- Less focus on pitch testimonials
 - Sovrin Stewards testimonials
- Community inclusive
- Upbeat tone in all comms

Paul Knowles

Focus on Sovrin 2.0. Future - over the immediate crisis.

#3: MainNet



Workstream responsibility	Update
MainNet Continued Stability	Operational volunteers Lynn & Mike
Steward Approvals	Today's steward approvals
Business/Economic Model	Two Excel models created, three proposals emerged - ID4A & Commercial
Governance Framework in NoN model	Pending results of WS#4

Riley Hughes

Business/Economic Model and Governance - ongoing models - three proposals.

Framework in NoN model - 3-6 month timeline.

Lynn monitoring the network and ensuring stability. Lynn & Mike volunteer.

The governance framework needs to be developed under NoN.

MainNet: Going forward



- Coordinating work between Transition Committee and existing volunteer groups to accomplish goals

Workstream responsibility	Group with ownership
MainNet Continued Stability	Technical Governance Board
Steward Approvals	Steward Qualification Committee
Business/Economic Model	Economic Advisory Council
Governance Framework in NoN model	Sovrin Governance Framework WG

Riley Hughes

Work that was done by paid staff will be picked up by the groups on the right.

ie Steward Qualification Committee will need to vett Steward Approvals

#4A: Network of Networks



- ToIP Foundation Announcement
- Linux Foundation Support for Non-Profit Legal Entities: Ecosystems, Identity Utilities
- Consortiums/Group at the table seeking how/where guidance

Dan Gisolfi

Linux Foundation role

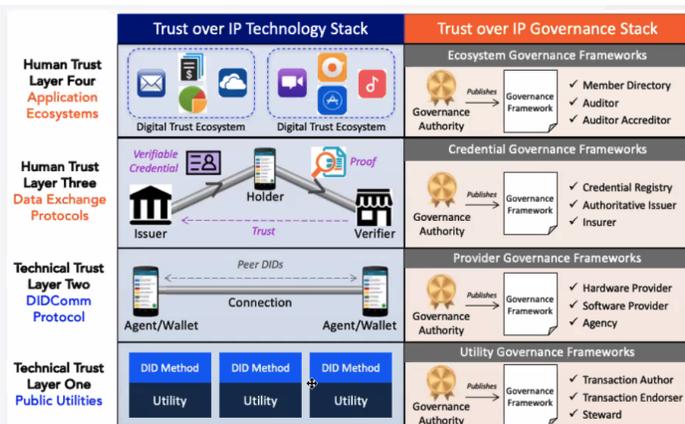


The mission of the **Sovrin Ecosystem workstream** is to propose how the Sovrin Foundation should evolve under the **Network of Networks** model



The basis for interoperability of the Network of Networks is the **Trust over IP stack** (Aries RFC 0289)—the focus of a Linux Foundation project launching in early May: the **Trust over IP Foundation**.

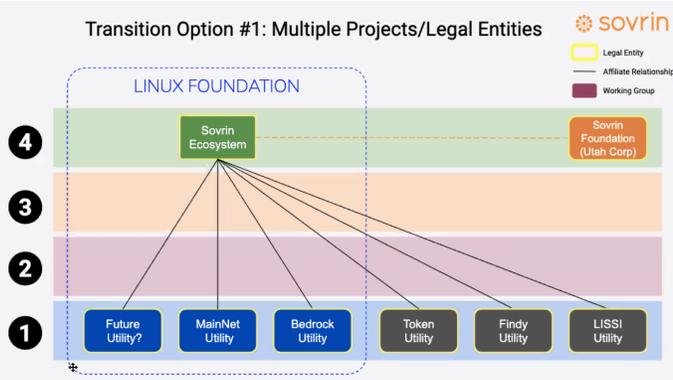
Governance at every layer of the stack



Given this robust new landscape for interoperable SSI infrastructure, the current **Sovrin Foundation** has several options for how it can transition into becoming the **Sovrin Ecosystem**

Options - conversation and consideration. Not final

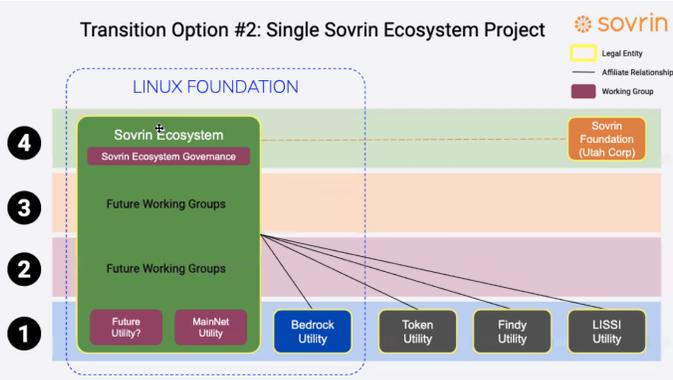
Transition Option #1: Multiple Projects/Legal Entities



Networks can have different governance rules.

Different legal entities, etc.

Transition Option #2: Single Sovrin Ecosystem Project



#5: Long-Term Sustainability

- Have applied for EIDL and PPP funding
- Working with Perkins Coie on agreements about debt and repayment

Phil Windley

Long term obligations - token (ie), going forward from an ecosystem perspective.

Debt with legal, etc.

 <h2>#6: Sovrin Token</h2> <ul style="list-style-type: none"> • A Path to Success is Emerging • The Token is a SECURITY • Sovrin Foundation should be MINTING and DISTRIBUTING <ul style="list-style-type: none"> ◦ No new sale • Details being worked out <p>Darrell O'Donnell</p>	<p>Question - token, no token?</p> <p>Use case for a token - value transfer in conjunction with information exchange. A lot of use cases need - a key component to the ecosystem as a whole. Need better business models to motivate to share data - hard to sustain users at the wallet level. With obligations (previous work) important to untangle liabilities while preserving the benefits of the use case. A major goal of the workstream is how to fulfill and meet legal and advisory work on value transfer without incurring additional liabilities. Details to work out, a lot of thinking going in this group. Darrell and Phil considering this and longterm funding plan. Want to open token - challenge is to do so without outside funding.</p>
 <h2>Co-Chairs: Summary & Next Steps</h2> <ul style="list-style-type: none"> • Where are we now? • Our goal for the next BoT meeting, April 22, 2020 <p>Joyce Searls & André Kudra</p>	

Work-in-Progress - Welcome all contributors, ideas, options.

Sovrin Steward Council? Probably on hold - charter created - the idea was to ensure strong community interaction - independent of the current governance bodies.

Pushing forward launching the steward council would help tremendously with network/node monitoring, support and bug fixing. If the group can marshal the volunteers I don't think there is any reason to wait, it just needs to be added as board resolutions to the trustee meeting agenda (they are meeting more often now — every other week — to help with the transition.)

Charter may be under evaluation - or coincide with general interruptions - may be on hold.

Open Discussion

Next Meeting Topics

Future Topics

- The ACA-Py REST API

Action items



Call Recording

File	Modified
Multimedia File GMT20200409-151604_Community-_1920x1080.mp4	Apr 18, 2020 by Richard Esplin
Multimedia File GMT20200409-151604_Community-.m4a	Apr 18, 2020 by Richard Esplin
Text File GMT20200409-151604_Community-.txt	Apr 18, 2020 by Richard Esplin

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