## Aries Working Group

<table>
<thead>
<tr>
<th>Calls</th>
<th>Frequency</th>
<th>Duration</th>
<th>Day, Time &amp; Timezone</th>
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</table>
| Aries Working Group Call - A (Europe afternoon / US morning) | Every 2 weeks | 1 hour | Wednesday, 7:00 am, Los Angeles  
Wednesday, 10:00 am, New York  
Wednesday, 3:00 pm, London  
Wednesday, 05:00 pm, Moscow  
Wednesday, 7:30 pm, India (8:30 pm during day light)  
Wednesday, 11:00 am, Brasilia |
| Location: [https://zoom.us/j/244779296](https://zoom.us/j/244779296) |
| Aries Working Group Call - B (US afternoon / Asia-Pacific morning) | Every week | 1.5 hrs | Wednesday, 12:00 pm, Los Angeles  
Wednesday, 3:00 pm, New York  
Wednesday, 4:00 pm, Brasilia  
Thursday, 1:30 am, India  
Thursday, 7:00 am, Sydney |
| Location: [https://zoom.us/j/856588081](https://zoom.us/j/856588081) |

### Meeting Agendas and Notes

**2020-09-16-B Aries Working Group Call (US afternoon)**
- Issue Game
- Email Access Governance Framework
- DIDComm v2 What’s New

**2020-09-09-B Aries Working Group Call (US afternoon)**
- Issue Game
- Vince - DirectTrust TIM+
- Indy Interop-athon Summary

**2020-09-09-A Aries Working Group Call (AMER morning)**
- Work updates
- Indy Interop-athon - summary - what we learned and what we do next Stephen Curran
- Aries Architecture - Open Discussion Robert Mitwicki
- Other businesses

**2020-08-26-B Aries Working Group Call (US afternoon)**
- Issue Game
- Goal Code: Human Readable Verifiable Identifier

**2020-08-26-A Aries Working Group Call (AMER morning)**
- Work updates
- Interoperable Schema - warm up Robert Mitwicki
- Aries Toolbox - Services, VC with consent - Update Robert Mitwicki
- Other businesses

**2020-08-19-B Aries Working Group Call (US afternoon)**
- Issue Game
- Horcrux Protocol
- Transaction Endorser (“Please Sign This”) Protocol

**2020-08-12-B Aries Working Group Call (US afternoon)**
- Issue Game
- Goals with Governance

**2020-08-12-A Aries Working Group Call (AMER morning)**
• Work updates
• Test Harness, Aries Protocol Test Suite - Stephen Curran
• Aries Toolbox - Services, VC with consent Robert Mitwicki
• Other businesses

2020-08-05-B Aries Working Group Call (US afternoon)
• Closing Game
• Transition to HTTPS, OOB
• DIF Presentation Exchange Format overview

2020-07-29-B Aries Working Group Call (US afternoon)
• Goal/Code RFC
• ActionMenu RFC
• did:key support

2020-07-29-A Aries Working Group Call (AMER morning)
• Work updates
• Digital Wallet in IoT - Robert Mitwicki
  • IoT platform use case
  • Values which brings SSI for IoT platforms
• SSI in IoT Whitepaper - work update - Michael Shea
  • Paper will be published 1st of August. Link will come
• Other businesses

2020-07-22-B Aries Working Group Call (US afternoon)
• Governance Application

2020-07-19-B Aries Working Group Call (US afternoon)
• Lessons in Revocation
• Example Governance Framework
• Governance Protocols

2020-07-19-A Aries Working Group Call (AMER morning)
• Work updates
• Interoperable schema - OCA in action - Aries Toolbox Integration - Robert Mitwicki - https://argo.colossi.network/
• Free Slot
• Other businesses

2020-07-08-B Aries Working Group Call (US afternoon)
• Tracing Discussion Warpage prevention?
• UX of Accepting Connections

2020-07-01-B Aries Working Group Call (US afternoon)
• Credential Exchange Load Testing
• RFC 348 Transition to https
• Toolbox Mediator/Routing demo
• Profile in Invitations

2020-07-01-A Aries Working Group Call (AMER morning)
• Work updates
• Transferable reputation via VC (Mike Richardson - EuroLedger)
  • Topic to discuss:
    - Proxy Issuer Wallet: is this a bit too much of a centralised data store?
    - Website Authentication, use of Trinsic connection IDs, or DIDs for user passcode?
    - Lack of revocation notifications: is this a problem?
    - Synchronizing upstream and downstream platforms (ie issuer and verifier) where credentials change
    - Wallet management: are we in danger of "credential proliferation"?
• Optional: Wallets - do we need certification and who can do it? Robert Mitwicki
• Other businesses

2020-06-24-B Aries Working Group Call (US afternoon)
• Present Proof V2
• DIF presentation-exchange
2020-06-17-B Aries Working Group Call (US afternoon)
• Aries Storage
• Reuse as OOB Message

2020-06-17-A Aries Working Group Call (AMER morning)
• Work updates
  • Universal Wallet - Orie Steele - Transmute: https://transmute-industries.github.io/universal-wallet/
  • Wallets - do we need certification and who can do it? Robert Mitwicki
  • Other businesses

2020-06-10-B Aries Working Group Call (US afternoon)
• Machine Readable Governance Framework
• OOB Progress / Updates

2020-06-03-B Aries Working Group Call (US afternoon)
• Issue Game: Can we close this?
• OOB For Invitations
• Web site Auth (SIOP?)
• Aries Import/Export

2020-06-03-A Aries Working Group Call (AMER morning)
• Work updates
  • Can I use - Can My TDA Do - Robert Mitwicki ref https://caniuse.com/
  • getme(vc) - showroom for dealing with VC
  • Aries Toolbox - branches strategy for standalone version and web based
  • Other businesses

2020-05-27-B Aries Working Group Call (US afternoon)
• Issue Game: Can we close this?
• Connectionless Issue
• Aries Import/Export

2020-05-20-B Aries Working Group Call (US afternoon)
• Issue Game: Can we close this?
• DIDComm DIF WG Update
• Aries Toolbox Open Discussion
• Websockets for client communication

2020-05-20-A Aries Working Group Call (AMER morning)
• Work updates
  • Intro to chained credentials - Aries RFC 0104: Chained Credentials - Daniel Hardman
  • Using WebSocket as a way to communicate back to the mobile/desktop wallet (Agent (services or user) as a proxy for communication between service and digital wallet - Robert Mitwicki
  • Aries Toolbox the vision and plans for the future - open discussion
  • Other businesses

2020-05-13-B Aries Working Group Call (US afternoon)
• Issue Game: Can we close this?
• Mediator - revisit
• PleasePlayTheRoleOf
• OOB-Invitation
• OOB/DID Exchange Topics

2020-05-06-B Aries Working Group Call (US afternoon)
• Issue Game: Can we close this?
• IIW Aries Recap
  • JSON-LD / Selective Disclosure JSON-LD Credentials Plans
  • PleasePlayTheRoleOf
  • OOB/DID Exchange Topics

2020-05-06-A Aries Working Group Call (AMER morning)
• Work updates
  • Recap from IIW - https://iiw.idcommons.net/Main_Page
    • Session notes: https://iiw.idcommons.net/IIW_30_Session_Notes
Interesting topics:
- Fundamental Problems of Distributed Systems
- SSI: when I should start charging my customers?
- Other?
- KMS

2020-04-22-B Aries Working Group Call (US afternoon)
- Issue Game: Can we close this?
- CCI Update
- IIW Topics
- OOB/DID Exchange Topics

2020-04-22-A Aries Working Group Call (AMER morning)
- Plans for IIW
- Work updates
- Plan for future meetings
- IOT best practices

2020-04-15-B Aries Working Group Call (US afternoon)
- Plans
  - Issue Game: Can we close this?
  - Demo: Immunity Credential
  - Revocation 2.0
  - DID Exchange / OOB Update

2020-04-08-B Aries Working Group Call (US afternoon)
- Issue Game: Can we close this?
- Mediator Demo: Gaurav Narula
- RFC 0034 Tracing - summary, implementation in ACA-Py and Demo lan Costanzo
- Issue Credential v2.0 Continued

2020-04-08-A Aries Working Group Call (AMER morning)
- Work updates
- Future meetings
- Formal verification by Sven Hammann

2020-04-01-B Aries Working Group Call (US afternoon)
- Issue Game
- OutOfBand Rollout
- Issue Credential v2.0

2020-03-25-B Aries Working Group Call (US afternoon)
- Issue Game
- Mediator Repos
- DIDExchange Progress
- Issue Credential v2.0

2020-03-25-A Aries Working Group Call (AMER morning)
- Future meetings
- Status of the Sovrin Network
- Work updates

2020-03-18-B Aries Working Group Call (US afternoon)
- Issue Game
- 0036 Issue Credential v2.0
- Demo Aries Toolbox

2020-03-11-B Aries Working Group Call (US afternoon)
- OutOfBand Update
- Signed Attachments
- DID Exchange ACK/Continue

2020-03-11-A Aries Working Group Call (AMER morning)
Planned:

- Work updates
- Evernym approach to connection reuse in LibVCX
- Architecture for Aries KMS

**2020-03-04-B Aries Working Group Call (US afternoon)**

- Ticket Game: Can we close this?
- RFC 0348 (Message Type Transition) Strategy Overview

**2020-02-26-B Aries Working Group Call (US afternoon)**

- Ticket Game: Can we close this?
- Revocation in ACA-Py
- Out of Band (formerly known as Invitations)

**2020-02-26-A Aries Working Group Call (AMER morning)**

- Work updates
- Progress on Rich Schemas
- Plans for CI / CD
- Plans for credx libraries

**2020-02-19-B Aries Working Group Call (US afternoon)**

- Ticket Game: Can we close this?
- Toolbox demos
- Community Feedback

**2020-02-12-B Aries Working Group Call (US afternoon)**

Planned:

- RFC Game: Can we merge this?
- Named states and coprotocols
- Chained Credentials RFC 104

**2020-02-12-A Aries Working Group Call (AMER morning)**

- Work updates
- Discussion of Aries-Framework-Go

**2020-02-05-B Aries Working Group Call (US afternoon)**

Planned:

- RFC Game: Can we merge this?
- Protocol Server
- Endpointless agents
- DID Exchange
- Named states and coprotocols

**2020-01-29-B Aries Working Group Call (US afternoon)**

- Issue Game: Can we close this?
- AIP 1.0.0
- Routing Coordination

**2020-01-29-A Aries Working Group Call (AMER morning)**

- Work updates
- Q&A about performance testing ACA-Py and LibIndy (prepare by viewing the recording from 2020-01-22-B Aries Working Group Call minute ~65)

**2020-01-22-B Aries Working Group Call (US afternoon)**

- Issue Game: Can we close this?
- ~service decorator
- Connection Blues continued.
- ACApay Performance Evaluation

**2020-01-15-B Aries Working Group Call (US afternoon)**

- Issue Game: Can we close this?
• Generic JSON Protocol
• ~service decorator
• Connection Blues continued.

2020-01-15-A Aries Working Group Call (AMER morning)
• Work updates
• Summary of proposed changes to DIDComm
• Progress on VDRI

2020-01-08-B Aries Working Group Call (US afternoon)
Planned Topics:
• Issue Game: Can we close this?
• "Not Mature" line in the aries repo readme - remove?
• Concern with RFC 302 Aries Interop Profile v1.0
• Connection Blues

2019-12-18-B Aries Working Group Call (US afternoon)
Planned Topics:
• Transition Message Types
• Connectathon Topics (continued)

2019-12-18-A Aries Working Group Call (US morning)
Planned:
• Planning future meetings
• Language wrappers: SDKs and Frameworks
• Resolving different interpretations of Aries RFC 0094.

2019-12-11-B Aries Working Group Call (US afternoon)
• please_ack in the issue_credentials protocol
• Connectathon review

2019-12-04-B Aries Working Group Call (US afternoon)
This meeting was during the connectathon, and due to low attendance, the agenda was deferred to next week.

2019-12-04-A Aries Working Group Call (US morning)
• Connect-a-thon update
  • Discussions of the Aries Protocol Test Suite
  • Next steps with Aries Shared Libraries
  • Roadmap for Aries contributions over the next three months
• Trusted Digital Web

2019-11-27-B Aries Working Group Call (US afternoon)
Topics:
• DIDComm DIF WG
• Aries Toolbox & ACApy Toolbox Plugin
• Test Suite Pluggable Backchannels
• Zmix API in Anoncreds 2.0

2019-11-20-B Aries Working Group Call (US afternoon)
Planned:
• Aries Stable RFC
• AnonCreds 2.0 with Ursa
• Open Discussion / Next Week Topics

2019-11-20-A Aries Working Group Call (US morning)
• Work updates
• Aries crypto service RFC

2019-11-13-B Aries Working Group Call (US afternoon)
• What is Aries?
• Aries Stable RFC
• Open Discussion / Next Week Topics

2019-11-06-B Aries Working Group Call (US afternoon)
• Stable/Next work organization
• RFC 0001
• Unified DIDComm Deep Linking
• Open Discussion / Next Week Topics

2019-11-06-A Aries Working Group Call (US morning)
• Work updates
• Payments in Aries
• Hardware enclaves

2019-10-30-B Aries Working Group Call (US afternoon)
• Review open tickets; which can be resolved? (15 min - Stephen C)
• Signed attachments, ~sig, etc (15 min - Kyle, Troy)
• Delegatable creds and consent receipts (30 min - George A, Jan L)
• Cutting over to didcomm.org (15 min - Daniel H)
• Open Discussion / Next Week Topics

2019-10-23-B Aries Working Group Call (US afternoon)
• Architecture Diagram
• DID Exchange Protocol
• Signed Attachments
• Invite URL format
• Service Decorator
• MITM Prevention

2019-10-23-A Aries Working Group Call (US morning)
• Release updates
• Next steps in creating shared Aries libraries
• Naming of the Data Registry Interface Verifiable Data Registry Interface
• Repository organization
• Work plans

2019-10-16-B Aries Working Group Call (US afternoon)
• Aries SDK Repo Plans
• Proposal to merge PR on test suite
• Protocol documentation hosting

2019-10-09-B Aries Working Group Call (US afternoon)
• IIW Review
• Mental Model for Agent Managed Storage

2019-10-09-A Aries Working Group Call (US morning)
• Aries / Aries-Core Jira tickets
• Ken and Brent's proposal for interface boundaries
• Discussion of hardware enclaves
• Plan for Aries core repositories
• Plan for aries-core-wallet

2019-09-25-B Aries Working Group Call (US afternoon)
• Test Suite Importance
• In Discussion RFCs (like DID Exchange)
• Non-repudiation in did-exchange response
• Decorator Versioning

2019-09-25-A Aries Working Group Call (US morning)
• Project update
• Naming of core Aries components
• Plan for Aries "wallet storage"

2019-09-18-B Aries Working Group Call (US afternoon)
Part 2: Namespacing options for DIDComm Protocols and Message Types

BSP RFC Presentation/Overview - Sept. 18, 2019
Delegatable Credentials

2019-09-11-B Aries Working Group Call (US afternoon)
- DID Specification reaches the end of the CCG phase. What's the status? Is a WG next? - Drummond Reed  Markus Sabadello Brent Zundel
- Namespacing options for DIDComm Protocols and Message Types - Troy Ronda
- How to best talk about Aries interoperability, especially at public forums like IIW?

2019-09-11-A Aries Working Group Call (US morning)
- The right place to create an Anoncreds library: shared libraries export C-callable API, but the language doesn't matter (C, Rust, Go)
- Aries-Framework-Go has a Verifiable Credential package that could be made available to other frameworks
- Building a generic DIDDoc parser
- Aries-Wallet is probably the right shared library to build first

2019-09-04-B Aries Working Group Call (US afternoon)
- ActionMenu
- Community Questions AMA
- RFC Review

2019-08-28-B Aries Working Group Call (US afternoon)
- Routing/Pickup Protocols
- Inline Keys
- RFC Review

2019-08-28-A Aries Working Group Call (US morning)
- Release and work updates
- Continued the discussion on the architecture of an Aries core library, including the threading model.

2019-08-21-B Aries Working Group Call (US afternoon)
- Demo
- Docker for releases (Stephen Curran)
- Message Pickup (Sam Curren)

2019-08-14-B Aries Working Group Call (US afternoon)
- DIF Interop Project
- Aries DID Method Spec
- DID Resolution / DID Spec Issues

2019-08-14-A Aries Working Group Call (US morning)
- Work updates and release updates
- Indy SDK architecture documentation
- Context object for Rich Schemas
- Aries SDK architecture

2019-08-07-B Aries Working Group Call (US afternoon)
- RFC Progression
- Demo: Predefined Identities in Protocol Test Suite
- DIDComm message delivery expectations

2019-07-31-B Aries Working Group Call (US afternoon)
- Integration with Open ID Connect
- Process for Aries RFCs

2019-07-31-A Aries Working Group Call (US morning)
- Work updates
- Agents vs Hubs
- Aries SDK threading model

2019-07-24-B Aries Working Group Call (US afternoon)
Agent Toolbox
Issue Credential RFC - adding "revoke" flag to Credential Offer; updating swim lane diagrams; moving from Proposed to Accepted status

Transport Return Route RFC - remove queue related items; moving from Proposed to Accepted status

Proposed Topics for future discussions

**2019-07-17-B Aries Working Group Call (US afternoon)**
Project Updates
DID Exchange Protocol RFC Review (Formerly the Connections Protocol)

**2019-07-17-A Aries Working Group Call (US morning)**
Scheduled topics:
- Proposals for an Aries SDK

**2019-07-10-B Aries Working Group Call (US afternoon)**
DID Doc Conventions
Peer DID implementations

**2019-07-03-B Aries Working Group Call (US afternoon)**
did:peer, Resolver Architecture, Protocol Test Suite

**2019-07-03-A Aries Working Group Call (US morning)**
- Introductions
- Updates on recent releases
- The future of LibVCX

**2019-06-26 Aries Working Group Call**
Aries Meeting Schedule / Format: will start a second call for Aries conversation that is during European business hours.
Aries / Indy SDK Split Plan: lots of discussion that will have to be continued.

**2019-06-19 Aries Working Group Call**
Non-repudiable Signatures, Indy Catalyst Agent as Aries Agent Codebase, HIPE RFC Status, Static Agent Demo

**2019-06-12 Aries Working Group Call**
Kantara Privacy Control Panel, uPort Message Flow Demonstration, Indy Catalyst Agent as Aries Agent Codebase

**2019-06-05 Aries Working Group Call**
Mobile Links, Protocols, Service Decorator, Connect Protocol (DID Exchange Protocol), Renaming Wallet, LOX

**2019-05-29 Aries Working Group Call**
DID Comms Envelopes, Encryption, and Transports

**2019-05-22 Aries Working Group Call**
Aries RFC Status
- Credential Exchange Update and Discussion, including flow variations for 'advanced' cases (payment, zkps, etc.) and 'simple' cases (ask for credential, get credential).
- Return-Routing / Endpointless Agents Discussion

**2019-05-15 Aries Working Group Call**
Credential Based Access Use Case
Aries RFC Process

**Historical Note**
This Working Group was incubated inside the Hyperledger Indy project.

Agendas and Notes from those meetings (Pre April 2019) may be found here: Indy Agent Working Group