

Proof of Concept Components: Decentralized IDs and Verifiable Credentials

DIDs: CENTRAL TENETS

The benefits of DIDs are broad in scope:

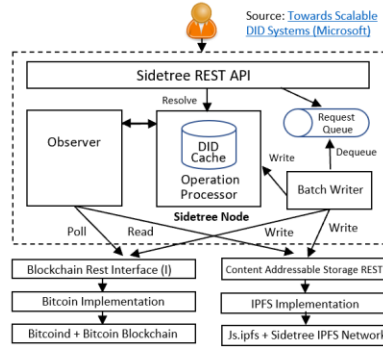


DIDs: BROAD SCOPE POTENTIAL

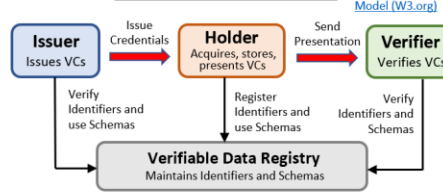
DIDs help people, orgs and devices interact in an ID trust fabric:



DIDs: HOW THEY WORK



VC*s: HOW THEY WORK



*Verifiable Credentials: identity claims or attestations, like proof of a workplace or student ID, official memberships, or other information from any trusted issuer. People access and control their verifiable credentials using a secure, encrypted digital wallet stored locally on a smart device.

*Verifiable Presentation: a tamper-evident presentation of VCs encoded such a way that authorship of the data can be trusted after cryptographic verification.

POC BUILDOUT PLAN

Plan: establish the validity of the identity structure before building platforms on it.

- 1 Install and host ION and related elements for Decentralized Identity and Digital Wallet supportability.
- 2 Build various data privacy statutes, industry regulatory procedures and process flows into sample DIDs.
- 3 Offer the services to several industry vertical businesses and government entities to 'kick the tires' on the tech.
- 4 Offer it to citizens as well, to try out the DID functionality and learn about what it means to have digital autonomy.

OTHER OPTIONS: KEVACOIN

What is Kevacoin? - An open-source, decentralized data store able to run on Bitcoin or Ethereum blockchains (supports smart contracts); can support DIDs, ready for enterprise of PubSec use.

Blockusign App - digital records verification platform anchoring data to the blockchain.

Related Resources

- [DID Configuration Spec](#)
- [ION Announcement/Blog](#)
- [DID Arch, Data Model](#)
- [ION Node Install Guide](#)
- [Azure AD VC* Service](#)
- [MSFT: Decentralized Identity](#)

The Future: Decentralized ID Use for Data Collection and Self-Monetization

GOAL: create an unprecedented level of digital autonomy for the individual where they will be able to not only completely safeguard but also self-monetize their data: taking complete control over your individual creativity.

