An introduction to delegated identities on the iov42 platform

The iov42 platform supports the creation of delegated identities that can perform any operation on behalf of another identity. This is a pragmatic option for many users on the platform, since delegation of responsibilities and tasks is inherent to most organizations.

For example, a claim that Joe Bloggs makes about his bachelor's degree would be sent to his college alma mater, Crypto University, which, in this case, would also have an iov42 identity. However, it would be extremely inefficient if only one active individual was processing and endorsing all claims being sent to Crypto University.

Instead, the main Crypto University identity could delegate the authority to endorse or deny claims about bachelor degrees to select employees of the undergraduate records office.   With this authority, the delegated identity would create the endorsement for Joe's claim on behalf of Crypto University.

The iov42 platform does not permit an already delegated identity to create a further delegated identity. This prevents situations in which the most recent delegated identity loops the chain of command back to the original delegating authority.

University Degree:
BSc, Crypto University

f34324sfsdfs;bsu
fhs;odjnfs;dkbfjds
asskjbb5937

joe.bloggs#iov.net

*endorses claim
with signature*

delegated identity

authority delegated

crypto.uni#iov.net

It is important to remember that the trust provided by an endorsement depends on the perceived trustworthiness of the endorsing party. So while a delegated identity endorsing claims on behalf of Crypto University would be considered a reliable source of verification regarding Joe's degree, the same trustworthiness would not apply to an endorsement given by Joe's college buddy.

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