## An Overview of all SSI Standardization

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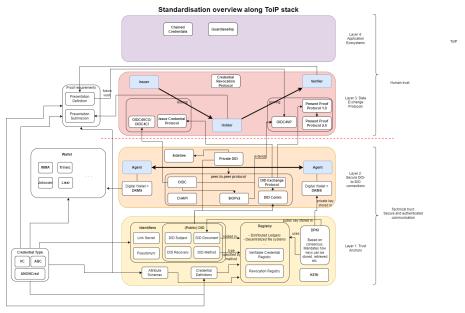
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## Introduction

Various groups of people, such as DIF, W3C, eSSIF-Lab, Sovrin, etc. are working on standardizing SSI-related technologies. We see work being done that ranges from high-level concepts such as guardianship, to models (ToIP, VC Data Model, eSSIF-Lab mental models) to actual technology such as peer-to-peer protocols (DIDComm), DIDs, etc. Currently, it can be quite a task to figure out how one standard x connects to another y. Can standard x be used for SSI? Are standards x and y competing with each other? Is standard x dependent of y? By making an overview of SSI-related standards and by making connections between the standards, these questions can be answered more easily.

## Making an Overview

Below you can see my first attempt to create an overview of the standards I have encountered so far, structured along the ToIP stack. The ToIP stack is divided into four layers, as can be seen on the right of the image. In layer 1: trust anchors, we have various technologies that serve as a trust anchor for the higher layers. The type of identifier (DIDs, link secrets, ...) and registry (blockchain, no blockchain, Ethereum blockchain, ...) influence the type of peer-to-peer protocol that is used in layer 2: secure DID-to-DID connections which in turn influences the choice of issuing or verifying protocol in layer 3: data exchange protocols. Whether one choice of technology influences another, how much and in what way is to be investigated.



This overview is not complete and it needs to be checked for correctness. I could use the help of the RWOT community to come to a correct and complete overview.