

Credential Presentation Architecture

[draft-ietf-spice-vdcarch](#)

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Agenda

- The Problem
- The Architecture
- Adoption

The Problem

There is just too much



The Problem

- There is too much happening everywhere
- There is no unifying framework for how all of this fits together
- Without this framework, it is harder to figure out where the gaps are (which we are chartered to fill)
- We talk about the “3-party Model” like it actually exists, but it doesn’t until it’s written down and we agree on it.

The Architecture

Maybe we can do something here



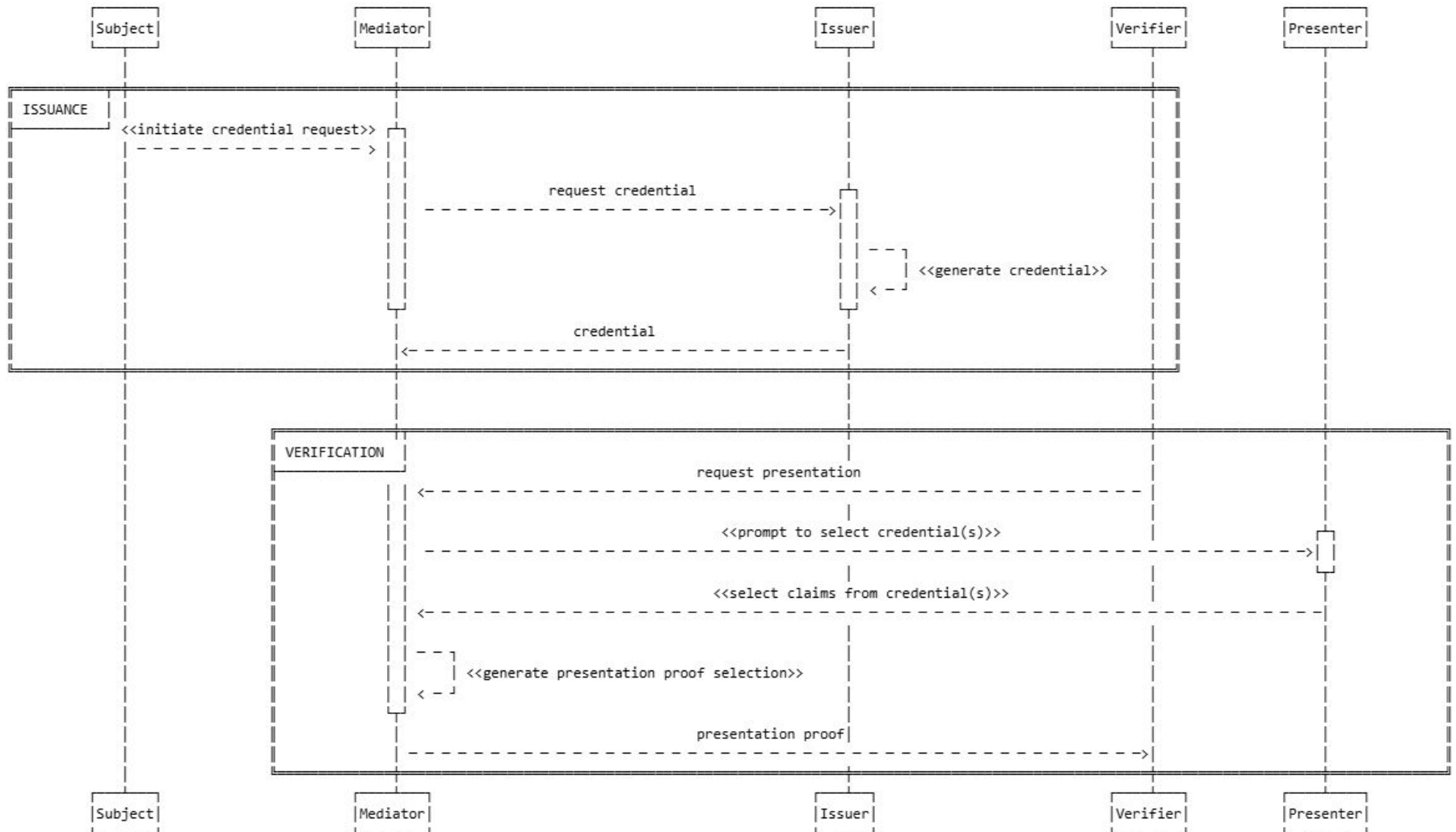
The architecture

- Records terminology so we can agree on what all these parties and flows should be called
 - Issuer, Holder, Verifier?
 - How about also:
 - Credential Manager
 - Presentation Mediator
 - Credential Store
 - Credential Subject
 - Presenter

The architecture

- Describes credential issuance and presentation
 - this points out necessary components of the system so we can get concrete about how all of the multitudinous things should all fit together.

The architecture has a recommended flow



The architecture

- Once described, the system can be analyzed to see if desired properties are present:
 - scaling,
 - efficiency,
 - privacy,
 - security.
- Where are the gaps?

Adopt the Architecture

Let's use this as a starting point



Adoption

- The draft is well-formed, has received review, and is ready for adoption
- Ideally on the RFC track