



AnonCreds Workshop: Lab 1

Create and Publishing Schema and Credential Definition Objects

In this lab we will use our Traction Tenant agent to create and publish an AnonCreds Schema object (or two), and then use that Schema to create and publish a Credential Definition. All of the AnonCreds objects will be published on the BCovrin (pronounced “Be Sovereign”) Test network.

Steps to Follow

1. Log into your [Traction Tenant](#). You did record your Wallet ID and Key, right?
 - a. If not — use the [preparation instructions on the Workshop page](#) to create a new Traction Tenant, and a connection to your mobile Wallet (you have it, right??).
2. Create a Schema:
 - a. Click the menu item “Configuration” and then “Schema Storage”.
 - b. Click “Create Schema” and fill in the “Schema Name” and “Schema Version”. [Suggestions for the Schema values](#) are below.
 - c. Add in the list of Schema attributes one at a time, clicking the “+” icon to add a spot for each. Again, [suggestions are below](#) for your first Schema.
 - d. Once you have added all the attributes you want, click Create Schema, and your schema will be both saved locally and published on the BCovrin ledger. Click the refresh button on the Schema list to show your new Schema.
 - e. On the line with your schema, hit the Expand (“>”) link, and then the subsequent Expand (“>”) to “View Raw Content”. Take a look at the schema that was created.
3. Ready to become an issuer? To do that, create a Credential Definition.
 - a. Click on the “Credential” icon in the “Credential Definition” column to create the Credential Definition (CredDef) for your Schema. Wait for the operation to complete, clicking the “Refresh” button if needed to see the Create icon has been replaced with the identifier for your CredDef.
 - b. Move to the Configuration → Credential Definition Storage to see your CredDef, and expand it to view the raw data. In this case, the raw data does not show the actual CredDef, just the Traction data about the CredDef.

Completed all the steps? Feel free to create a second Schema and Cred Def that is related to your first. That way you can try out a presentation request that pulls data from both credentials!

[Lab 2](#) covers issuing a credential. We'll get to that in a bit.

Your First Schema

For your first schema, here is a suggestion of a schema that you can create. Feel free to adjust these attributes as you see fit. I do suggest having at least one or two dates or numbers in your credential so that you try out using a predicate in your proof request (e.g., older than 19 year old).

Schema Name: `student id`

Schema Version: `1.0.0`

Attributes:

- `given_names`
- `family_name`
- `dob_dateint`
- `expiry_dateint`

We'll talk after the lab about the "dateint" convention that is used in Aries. Not crucial, but might as well follow the convention.

That's it! [Jump back](#) to the lab instructions to continue.