Wallets and Identities

In this lesson, we will see how wallets and identities are used in client applications through a sequence diagram.

WE'LL COVER THE FOLLOWING

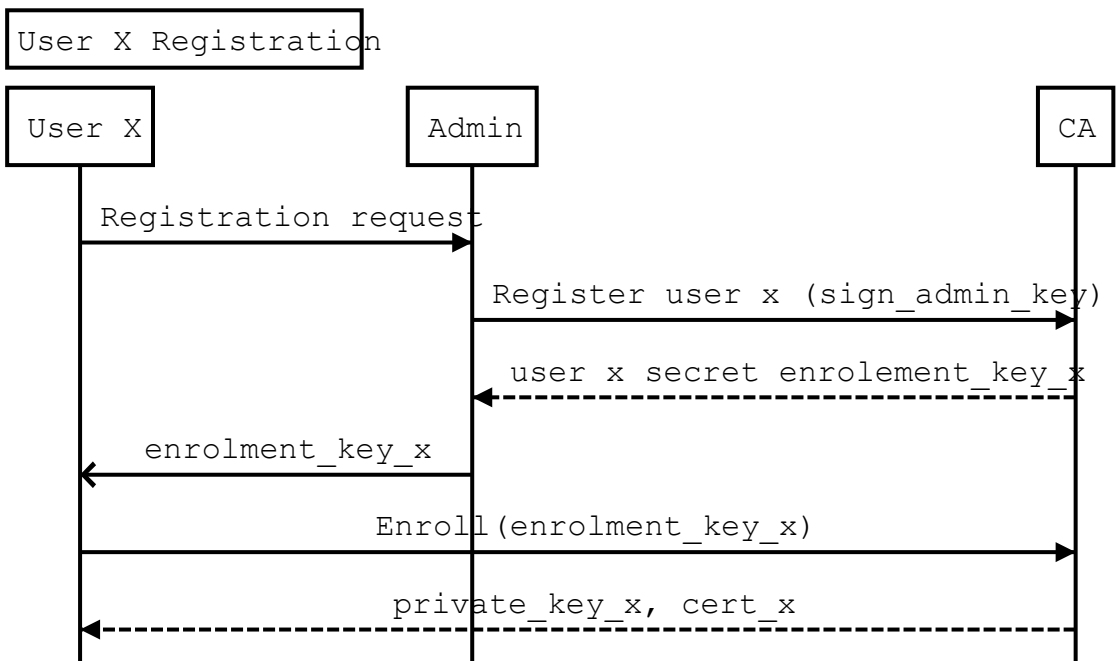
- Wallets and Identities in Client Application
  - First User (Admin)

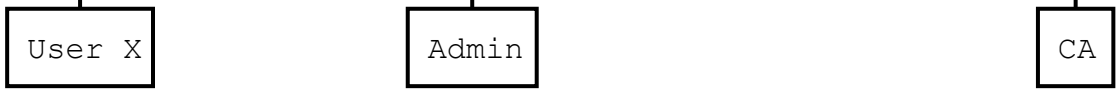
Wallets and Identities in Client Application

Now lets see how the wallet and user identities work.

We can issue a new user's key and get CA signed cert by contacting the CA. Here are the needed steps:

1. A valid existing user A `registers` a new user X to CA. The CA returns the `enrollment key`.
2. The user A shares that `enrollment key` with X
3. User X/A contacts the CA to `enroll` user X and passes in the `enrollment key`. CA returns valid key and signed certificate for user X.





First User (Admin)

When deploying the CA we need to bootstrap it with one initial admin user that can further register new users. The `enrollment key` for this admin user is pre-set in our initial configuration and the admin user is hence already registered when CA starts. Hence, all we need to do is to `enroll` the admin user with right `enrollment key` on application first launch.

In the next lesson, we will deploy our client application.