

what

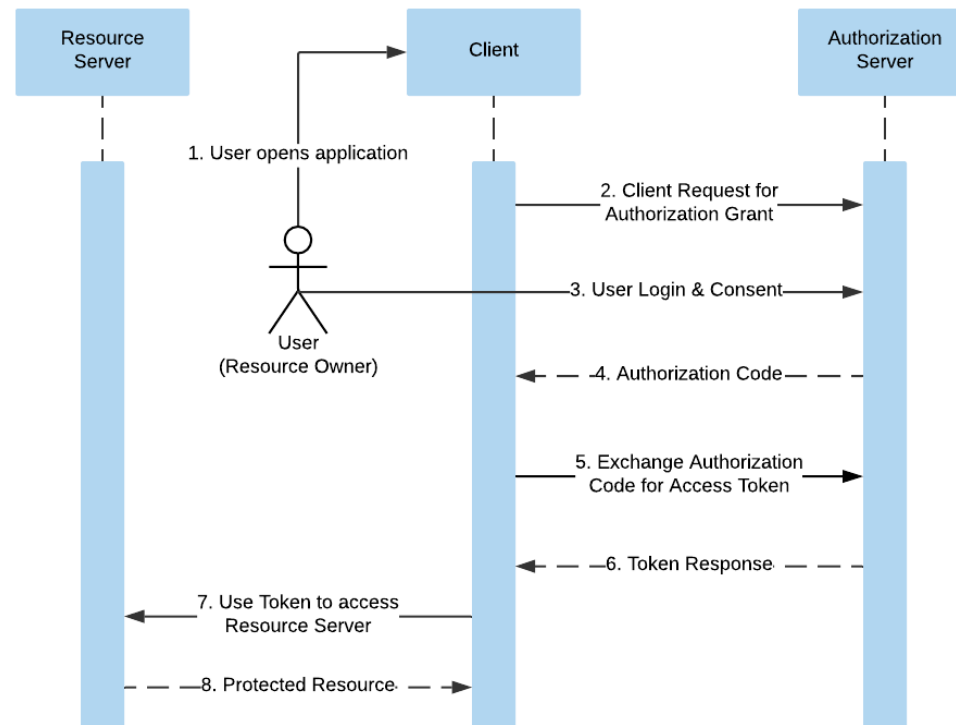
- EPFL moved to outlook online and migrate every account
- it only supports [proprietary "Microsoft Exchange"](#) and [open OAuth2](#) to login
- they choose to only allow a single OAuth2 mail client: thunderbird
 - many users use other mail clients
 - open protocols are better for everyone
 - there is nothing to lose
 - ETHZ has a [pretty open list](#) of email clients

why

- Carine, Edward pushed everywhere adminwise to add more email clients to the list, process ongoing since 3 months, result:
- Eddy's personal point of view: Email is a cleartext protocol
- Valérien was unable to read email normally
- we tried the official way, but got stonewalled, remains the hacky way

oauth2

- quite common protocol to authorize resource access on behalf of the user
- a way to get a long term token with scoped rights for a specific service



OAuth 2.0 Authorization Code Flow

how

- create a mail account following [EPFL's doc](#)
- mimick thunderbird
 - use thundebird client id
 - e5f94bc-e8a4-4e73-b8be-63364c29d753
 - replace `return_uri` used at login by `https://localhost`
 - or use [this link](#)
- forward the token to the mail client

demo time

disclaimer, from LEX 6.1.4 art 5

users are prohibited from using the EPFL electronic infrastructure in a manner contrary to its purpose and in particular:

seeking to alter software or facilities in a manner contrary to their intended use

sad demo

- until recently, it worked (my own token is still valid)
- now microsoft validates the callback address for temp token
- will need to patch mail clients to behave more as thunderbird
 - harder if you don't compile your system (Gentoo4ever)
 - or have a local proxy app to handle tokens

