Auth flow for single sign on using refresh and access tokens

For storing user refresh token session

Redis

Login/Register
Access Token
Refresh Token (http only cookie)

Auth-Server

Refresh
Access Token

Refresh token not valid?

Login

Refresh token valid? New access token

Access token not valid? Ask for new access token on refresh endpoint

Postgres

For storing basic user information required for auth

Client
Access Token (in memory or cookie)

/restricted
Access Token as Authorization header (or cookie depending on how it's stored)

Access token valid? Response

Another Service Server

Postgres

Service's database