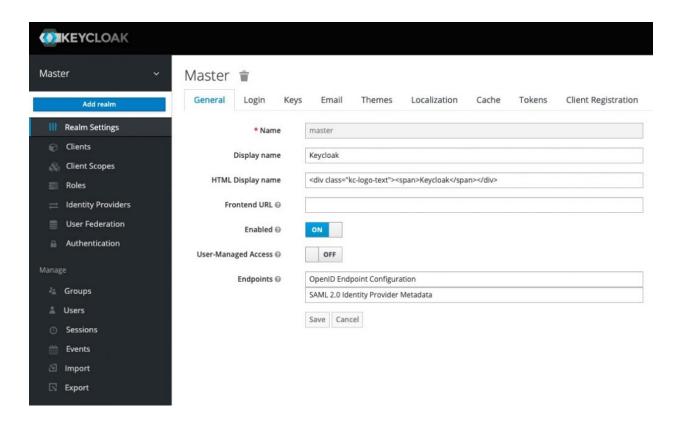
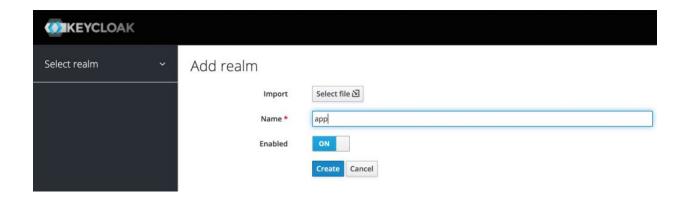
Create a new realm, client and users (Keycloak version 18)

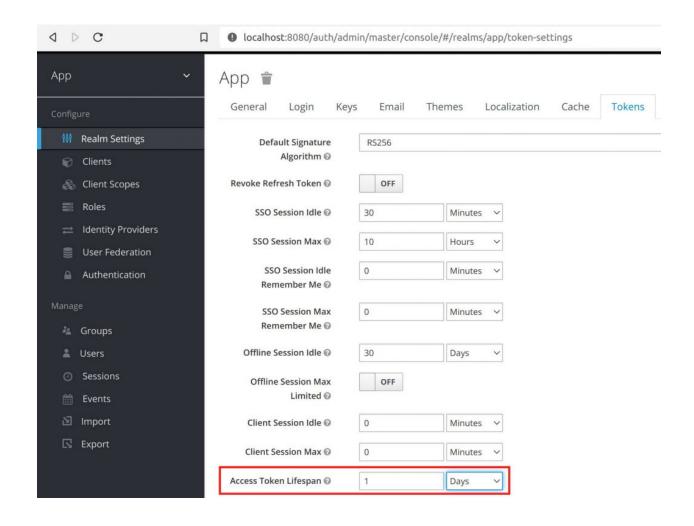
1) Enter inside the Keycloak admin console (http://localhost:8080/auth/admin). The default username and password is **admin**. Move the mouse over **Master** and click in the Add realm button.



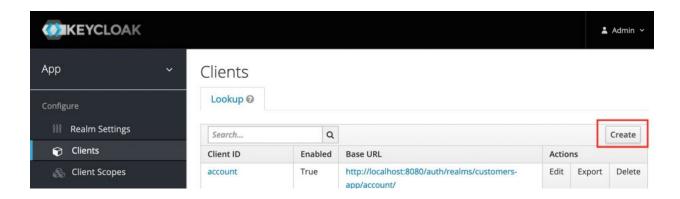
2) Fill the name of the realm with app and click the Create button.



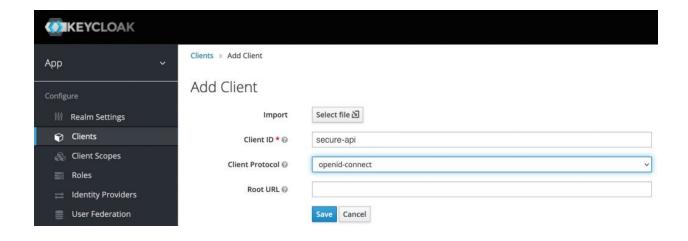
3) After the realm be created with success, click on the Tokens tab and change the Access Token Lifespan to 1 day.



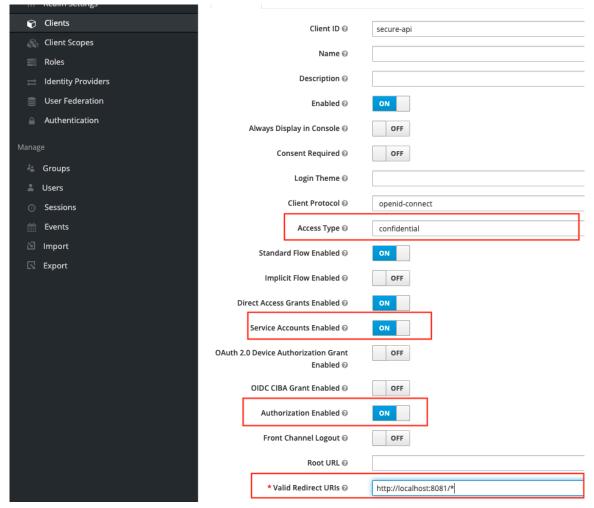
4) Click on the Clients menu and after that, click the Create button.



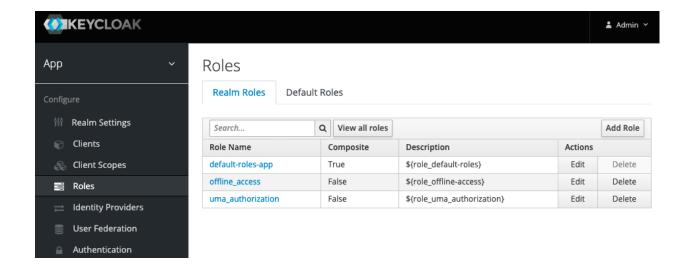
5) Fill the name with the client as **secure-api** and click the Save button.



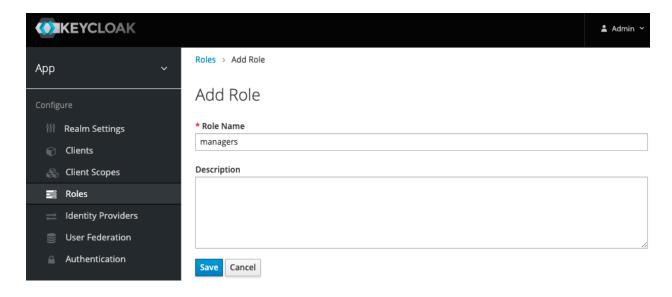
6) Go to the Clients menu again and click on the client you just created. Change the options to match the configuration below and click the Save button.



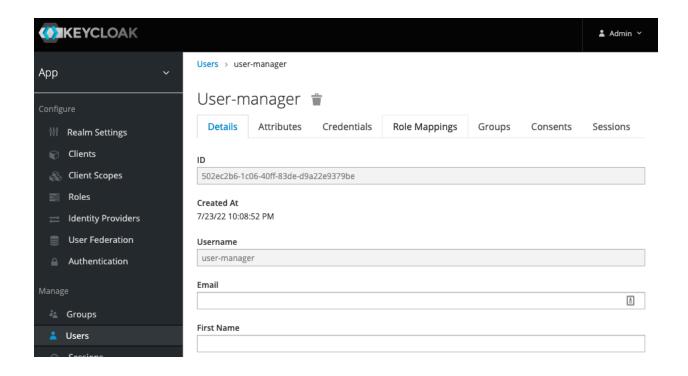
7) Click on the Roles menu, click Add role button.



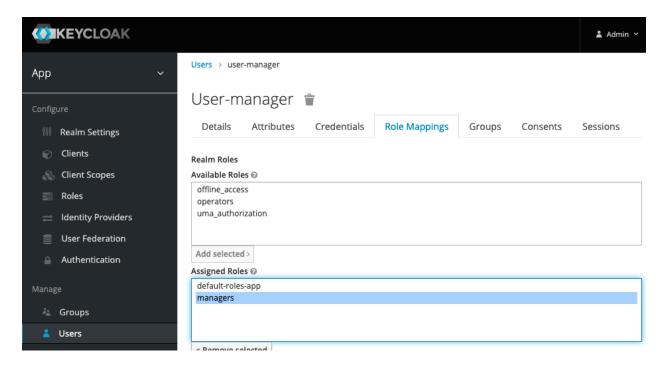
8) Fill the Role name input with **managers** and click the Save button.



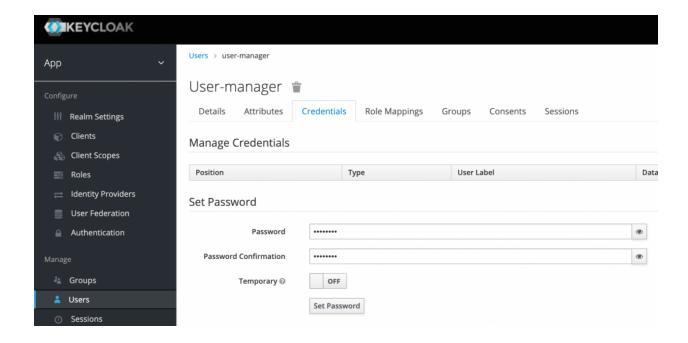
- 9) Repeat the last two steps to create another role called **operators**.
- 10) Go to the Users menu, click on Add user button, fill in the Username field user-manager and click the Save button.



11) Go to the Role Mappings tab, select the manager's role.



12) Go on the Credentials tab, create a password for the user (uncheck the temporary checkbox) and click the Set password button.



13. Repeat from step #10 to create another new user with username **user-operator**, and make sure to use the role **operators** inside the Role Mappings.