Keycloak

Les urls

- Url géneral: https://auth.ppsfleet.navy
- Pour gérer ses infos: https://auth.ppsfleet.navy/realms/Ppsfleet/account/
- Pour l'interface admin de ppsfleet: https://auth.ppsfleet.navy/admin/Ppsfleet/console/

TODO:

Configurer le login avec une clé yubikey ou autre (fido2 protocol)

https://refactorfirst.com/setup-fido2-passwordless-authentication-with-keycloak
https://www.aukfood.fr/les-differents-modes-dauthentification-sous-keycloak/

Installation

```
podman pod create --name keycloak --restart=unless-stopped -p 127.0.0.1:9090:8080

podman create --name keycloak-postgres-16-3-alpine --pod keycloak \
    --restart=unless-stopped \
    -v /srv/keycloak/keycloak-postgres:/var/lib/postgresql/data \
    -e POSTGRES_USER=keycloakdb \
    -e POSTGRES_PASSWORD=keycloakdb \
    -e POSTGRES_DB=keycloakdb \
    postgres:16.3-alpine

podman create --name keycloak-26.0.7 --pod keycloak \
                        -v /srv/keycloak/themes:/opt/keycloak/themes \
                        -e KEYCLOAK_ADMIN=master \
                        -e KEYCLOAK_ADMIN_PASSWORD=**** \
```

```
-e KC_DB_URL_DATABASE=keycloakdb \
-e KC_DB_USERNAME=keycloakdb \
-e KC_DB_PASSWORD=keycloakdb \
-e KC_DB_URL_HOST=127.0.0.1 \
-e KC_DB=postgres \
-e PROXY_ADDRESS_FORWARDING=true \
quay.io/keycloak/keycloak:26.0.7 \
-Djboss.bind.address.private=127.0.0.1 \
-Djboss.bind.address=0.0.0.0 \
start --hostname auth.ppsfleet.navy --proxy-headers xforwarded --http-enabled true
```

Gérer le service

```
sudo -u keycloak podman pod start/stop keycloak
```

Les services:

I - Bookstack

- https://github.com/elexis/elexis-environment/blob/master/docker/ee-util/assets/stage_ee_start_setup/keycloak/bookstack-saml.json
- https://github.com/BookStackApp/BookStack/issues/1157#issuecomment-585804153

```
AUTH_METHOD=saml2

# Set the display name to be shown on the login button.
# (Login with <name>)
SAML2_NAME=ppsfleet

# Name of the attribute which provides the user's email address

SAML2_EMAIL_ATTRIBUTE=email
SAML2_EXTERNAL_ID_ATTRIBUTE=username
SAML2_DISPLAY_NAME_ATTRIBUTES=firstName|lastName
```

```
# Enable SAML group sync.
SAML2_USER_TO_GROUPS=true

# Set the attribute from which BookStack will read groups names from.
SAML2_GROUP_ATTRIBUTE=Role

# Removed user from roles that don't match SAML groups upon login.
SAML2_REMOVE_FROM_GROUPS=true

# Name of the attribute(s) to use for the user's display name
# Can have mulitple attributes listed, separated with a '|' in which
# case those values will be joined with a space.
# Example: SAML2_DISPLAY_NAME_ATTRIBUTES=firstName|lastName
# Defaults to the ID value if not found.
#SAML2_DISPLAY_NAME_ATTRIBUTES=username

# Identity Provider entityID URL
SAML2_IDP_ENTITYID=https://auth.ppsfleet.navy/realms/Ppsfleet/protocol/saml/descriptor
```

II - Nextcloud

https://auth.ppsfleet.navy/auth/realms/Ppsfleet

Si il y a une erreur du type: "account not provisioned" c'est durement un problème de certificat.

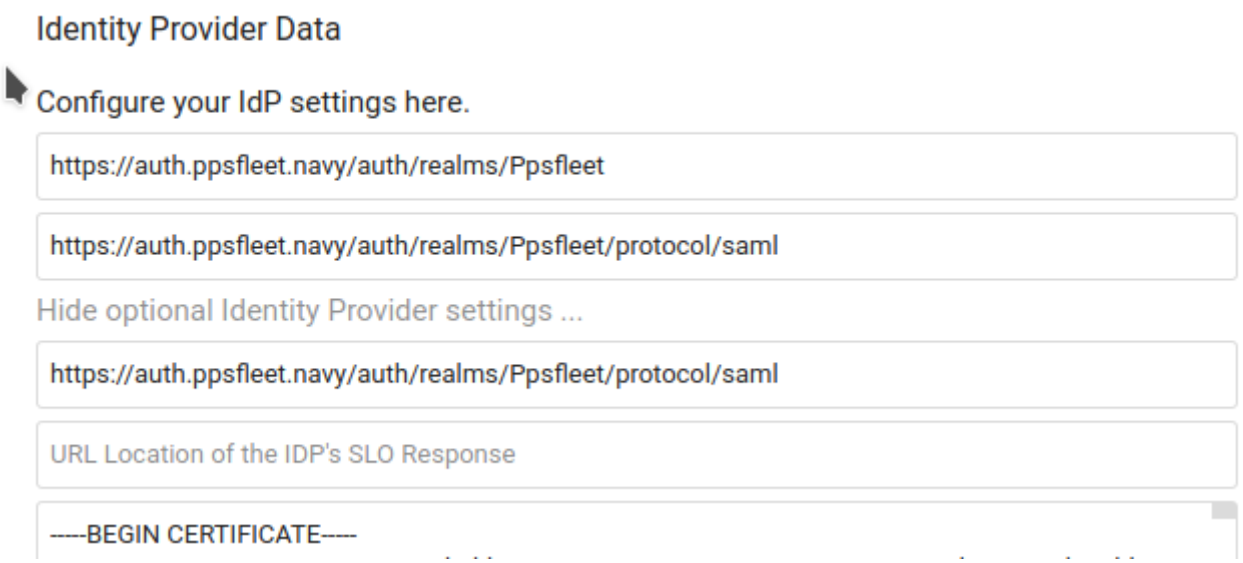
Le certificat se trouve dans keycloak: `Realm settings > keys > algorithm RS256 > Cetificate`

Il faut le mettre dans les paramètre de nextcloud: `SSO and SAML authentication > show optional Identity Provider settings > dernier champ`

Config:

Identifier: `https://auth.ppsfleet.navy/auth/realms/Ppsfleet`

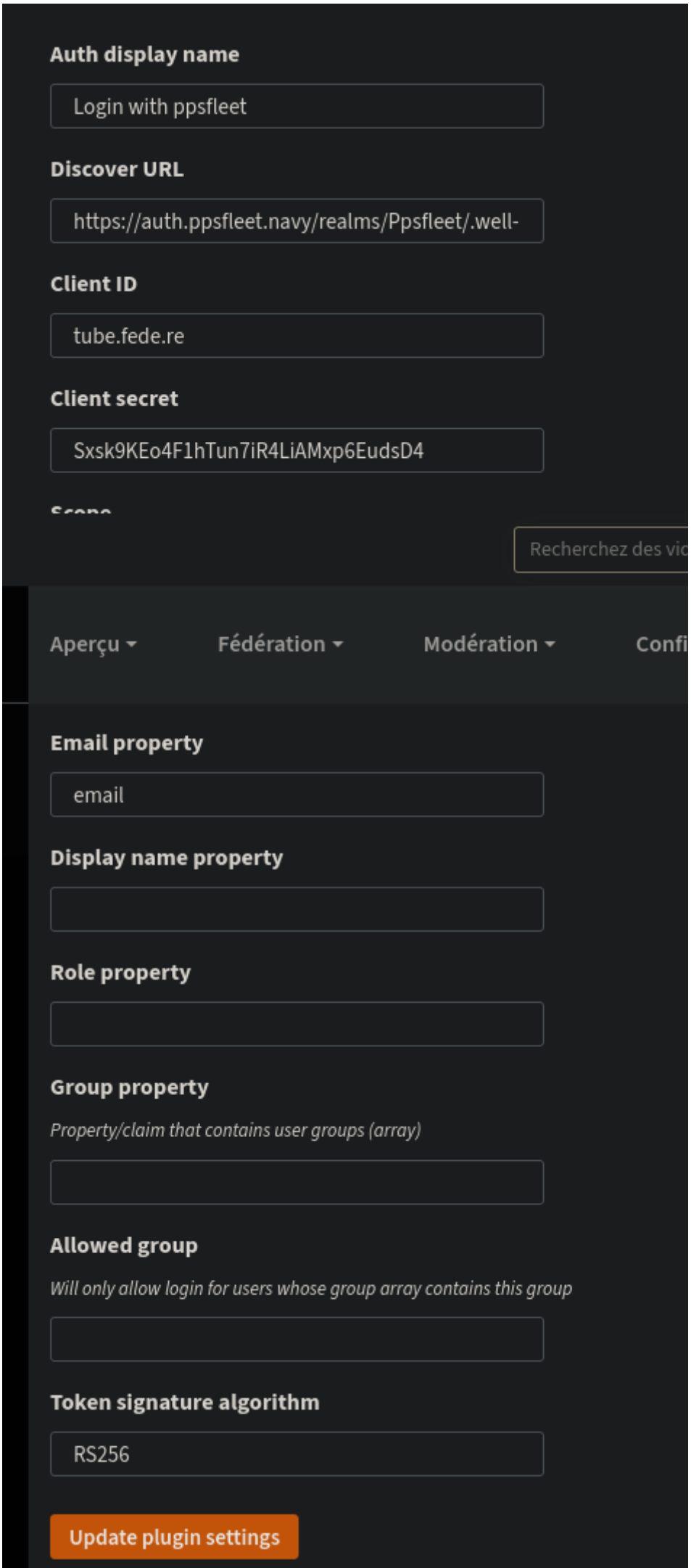
Url target: `https://auth.ppsfleet.navy/auth/realms/Ppsfleet/protocol/saml`



III - peertube

" https://auth.ppsfleet.navy/realms/Ppsfleet/.well-known/openid-configuration "

le client secret est dans l'onglet credentials de keycloak (celui du screen est plus valide)


Auth display name
Login with ppsfleet
Discover URL
https://auth.ppsfleet.navy/realms/Ppsfleet/.well-
Client ID
tube.fede.re
Client secret
Sxsk9KEo4F1hTun7iR4LiAMxp6EudsD4
Recherchez des vid
Aperçu
Fédération
Modération
Confi
Email property
email
Display name property
Role property
Group property
Property/claim that contains user groups (array)
Allowed group
Will only allow login for users whose group array contains this group
Token signature algorithm
RS256
Update plugin settings

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