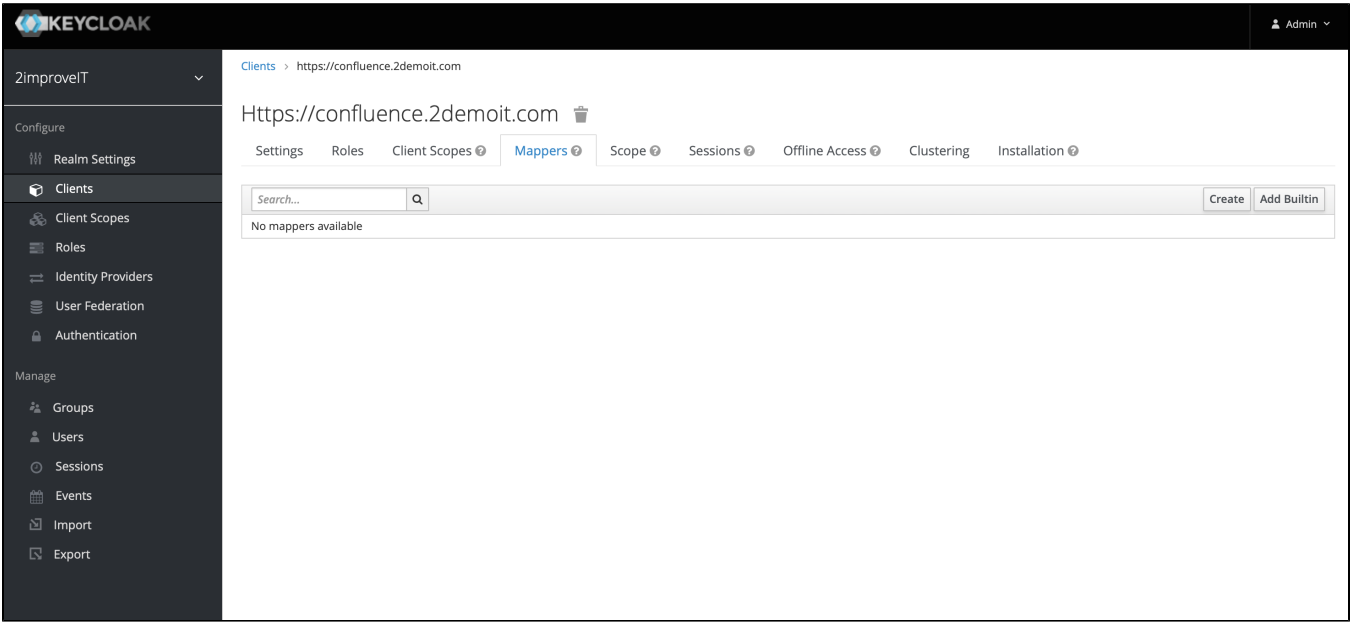# 2. Autoprovision Users from Keycloak
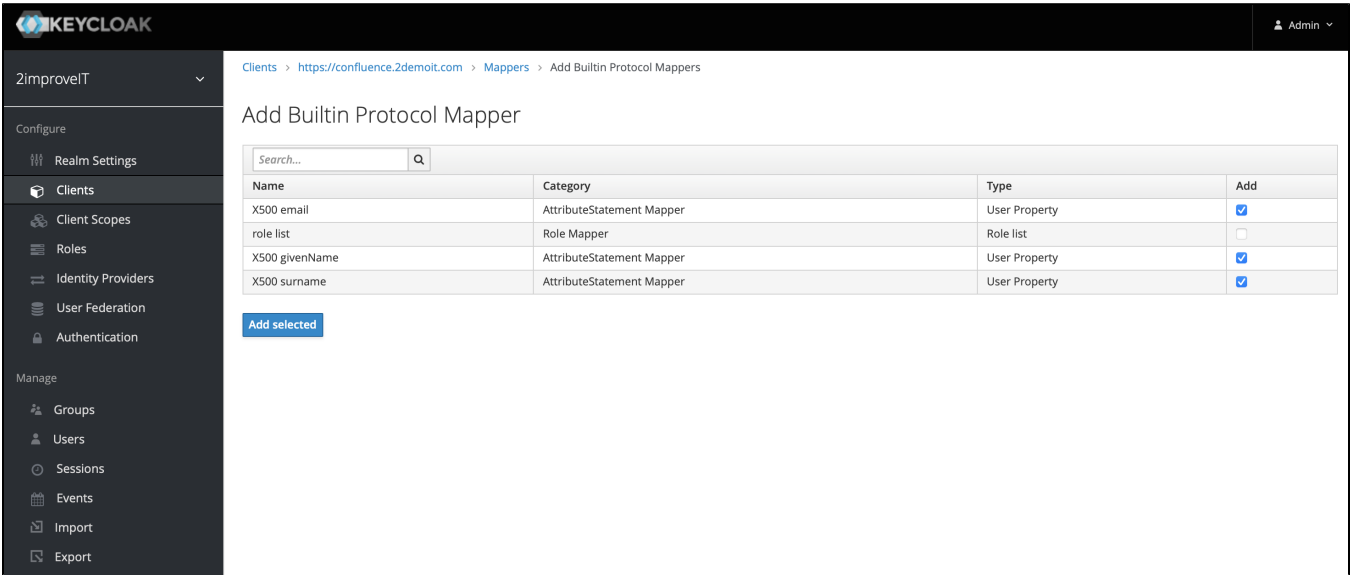
Open Keycloak

Select Clients / Select the SAML Client and Select Mappers

Click on Add Builtin

Add the X500. givenName, sureName and email

Open the Application

Configure the Authentication

For the username you can use

```
urn:oid:2.5.4.42 + " " + urn:oid:2.5.4.4
```

This will concatenate the X500 givenName and the surame

For the email you can use the X500 email

```
urn:oid:1.2.840.113549.1.9.1
```

You can also define the default usersgroups that a new user will be added to

Saml Configuration

ⓘ Configuration saved successfully

Login   IdP   SP   SP XML   **Authentication**   HTTP Header Authentication   Authorization   Avatar Servlet   Help

☑ **Create user**
 Create user if not exists

SAML user name field

NameId

SAML user name field on creation

SAML user display name field

urn:oid:2.5.4.42 + " " + urn:oid:2.5.4.4

SAML user display name Field on creation

SAML user email field

urn:oid:1.2.840.113549.1.9.1

SAML user email field on creation

SAML user profile picture field

SAML user profile picture field to sync with

☐ **Create usergroups**
 Create usergroups if not exists

☐ **Add to usergroups**
 Add to usergroups on login

☐ **Remove from usergroups**
 Remove from usergroups on login

SAML user groups field

SAML user groups field on creation or update

Default usergroup(s)

confluence-users

Assign the new created Users to these usergroups(s)

☐ **Disable change password**
 Disable that a user can change his password

Save