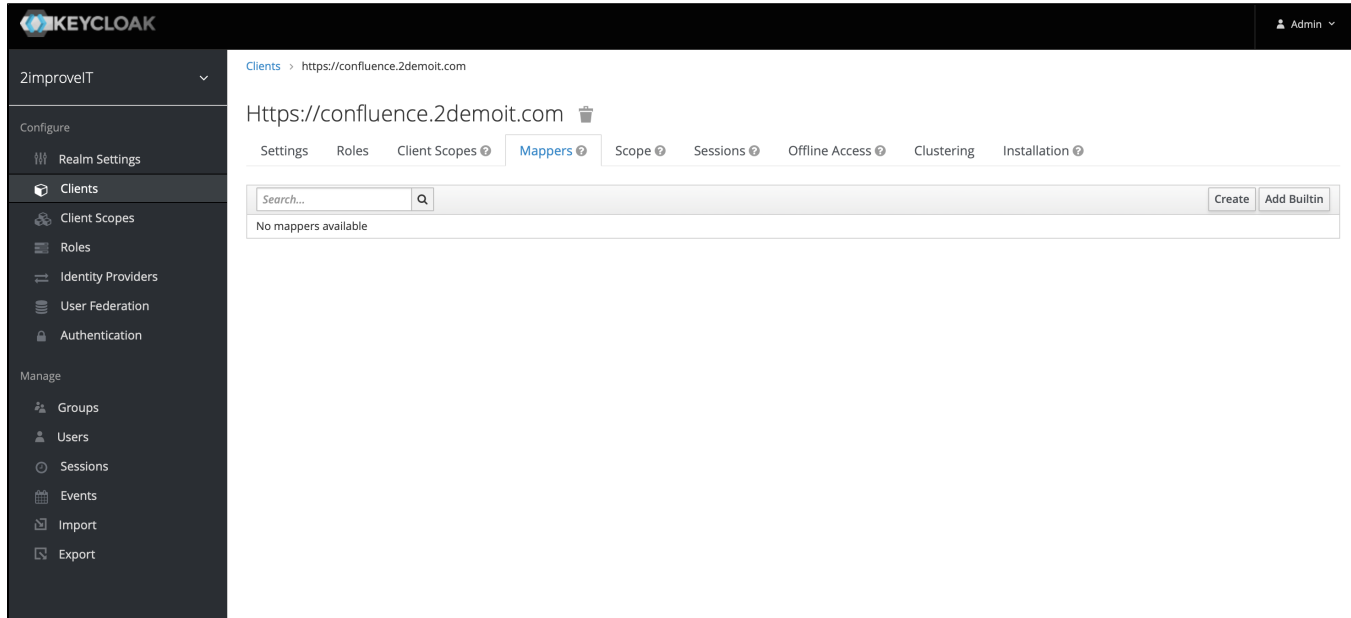


2. Autoprovision Users from Keycloak

Open Keycloak

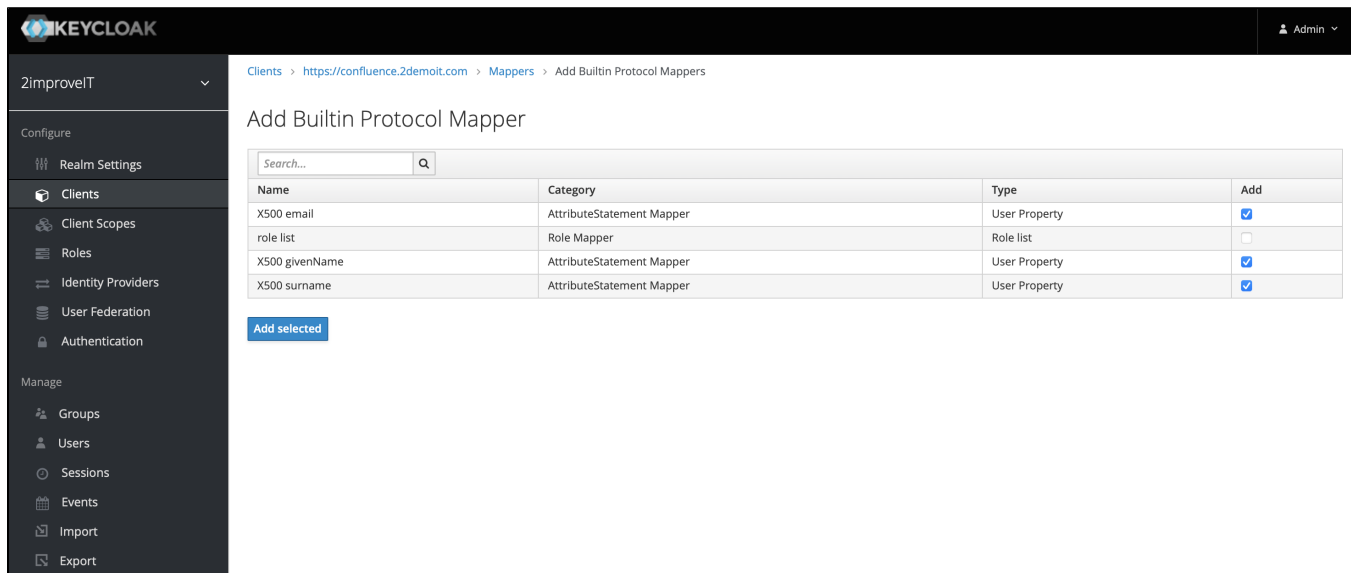
Select Clients / Select the SAML Client and Select Mappers

Click on Add Builtin



The screenshot shows the Keycloak Admin Console interface. The breadcrumb navigation is "Clients > https://confluence.2demoit.com". The main heading is "Https://confluence.2demoit.com". Below the heading are tabs for "Settings", "Roles", "Client Scopes", "Mappers", "Scope", "Sessions", "Offline Access", "Clustering", and "Installation". The "Mappers" tab is active. A search bar with "Search..." and a magnifying glass icon is present. Below the search bar, it says "No mappers available". There are "Create" and "Add Builtin" buttons on the right side of the search bar.

Add the X500. givenName, sureName and email



The screenshot shows the Keycloak Admin Console interface. The breadcrumb navigation is "Clients > https://confluence.2demoit.com > Mappers > Add Builtin Protocol Mappers". The main heading is "Add Builtin Protocol Mapper". Below the heading is a search bar with "Search..." and a magnifying glass icon. A table lists the available mappers:

Name	Category	Type	Add
X500 email	AttributeStatement Mapper	User Property	<input checked="" type="checkbox"/>
role list	Role Mapper	Role list	<input type="checkbox"/>
X500 givenName	AttributeStatement Mapper	User Property	<input checked="" type="checkbox"/>
X500 surname	AttributeStatement Mapper	User Property	<input checked="" type="checkbox"/>

Below the table is a blue button labeled "Add selected".

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

SAML user name field on creation

SAML user display name field

SAML user display name Field on creation

SAML user email field

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)

Assign the new created Users to these usergroups(s)

Disable change password

Disable that a user can change his password

Save