

## Keycloak + Springboot + Security

**Realm name:** springboot-microservice-realm

**Client name:** microservice-auth

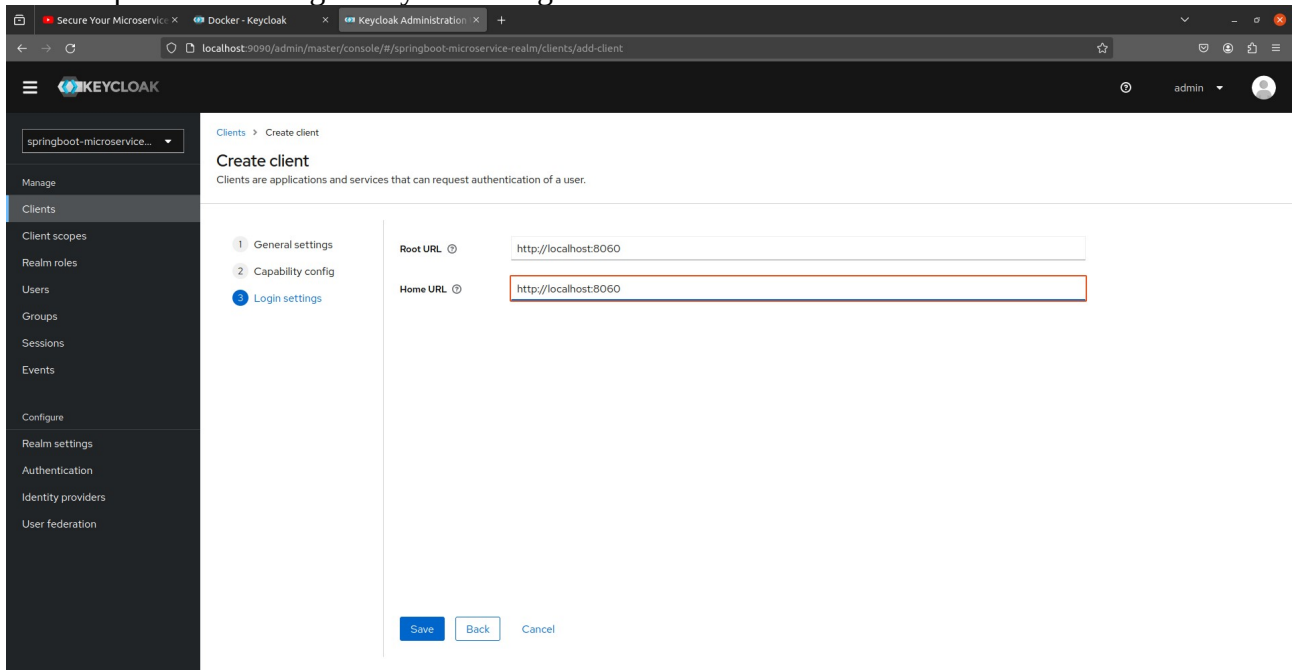
The screenshot shows the Keycloak Administration Console interface. The left sidebar contains a navigation menu with options like Manage, Clients, Client scopes, Realm roles, Users, Groups, Sessions, Events, Configure, Realm settings, Authentication, Identity providers, and User federation. The main content area is titled 'Create client' and includes a sub-header 'Clients are applications and services that can request authentication of a user.' Below this, there are three steps: 1. General settings (selected), 2. Capability config, and 3. Login settings. The 'General settings' section contains the following fields: 'Client type' (OpenID Connect), 'Client ID' (microservice-auth), 'Name' (microservice-auth), and 'Description' (microservice-auth). There is also a toggle for 'Always display in UI' which is currently off. At the bottom of the form are buttons for 'Next', 'Back', and 'Cancel'.

**under capability config:**

The screenshot shows the Keycloak Administration Console interface, specifically the 'Capability config' section for the 'microservice-auth' client. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Create client' and includes the sub-header 'Clients are applications and services that can request authentication of a user.' Below this, there are three steps: 1. General settings, 2. Capability config (selected), and 3. Login settings. The 'Capability config' section contains the following settings: 'Client authentication' (On), 'Authorization' (Off), and 'Authentication flow' (Standard flow, Implicit flow, OAuth 2.0 Device Authorization Grant, and OIDC CIBA Grant). There are also checkboxes for 'Direct access grants' and 'Service accounts roles' (checked). At the bottom of the form are buttons for 'Next', 'Back', and 'Cancel'.

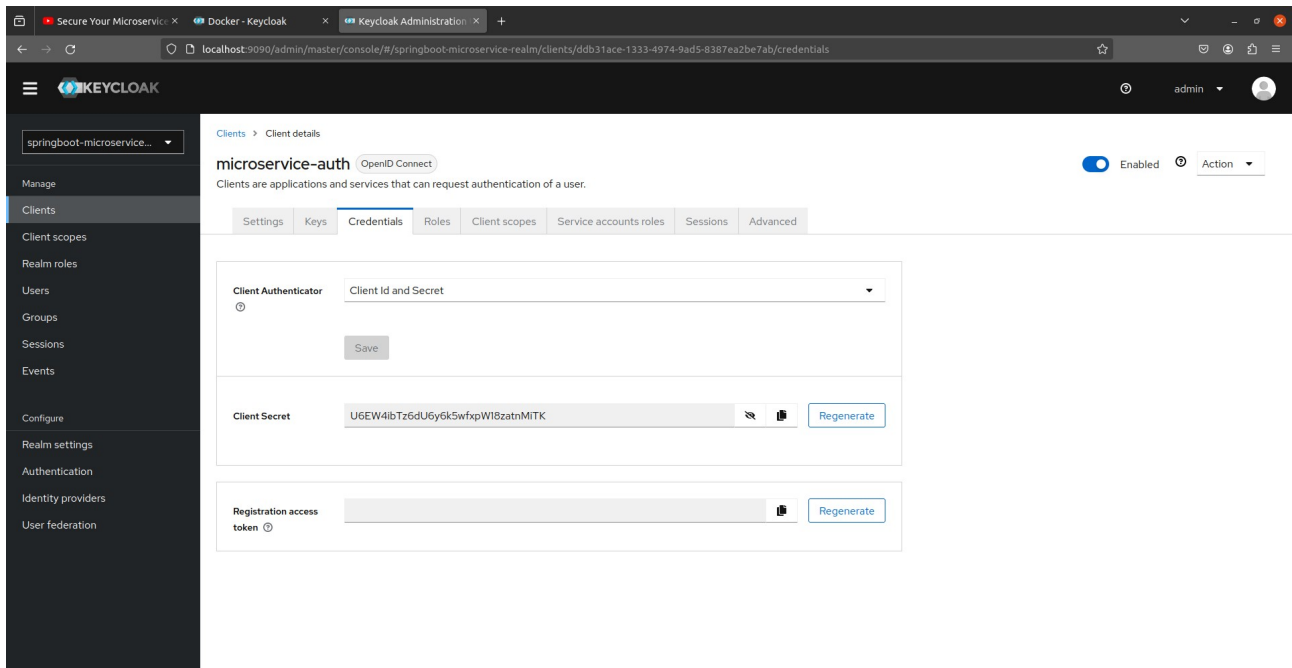
for Login Setting.

Provide port where APIgateway is running:



The screenshot shows the Keycloak Admin Console interface. The left sidebar contains a menu with options like 'Manage', 'Clients', 'Client scopes', 'Realm roles', 'Users', 'Groups', 'Sessions', 'Events', 'Configure', 'Realm settings', 'Authentication', 'Identity providers', and 'User federation'. The main content area is titled 'Create client' and includes a sub-header 'Clients are applications and services that can request authentication of a user.' Below this, there are three tabs: 'General settings', 'Capability config', and 'Login settings'. The 'Login settings' tab is active. It contains two input fields: 'Root URL' and 'Home URL', both with the value 'http://localhost:8060'. At the bottom, there are 'Save', 'Back', and 'Cancel' buttons.

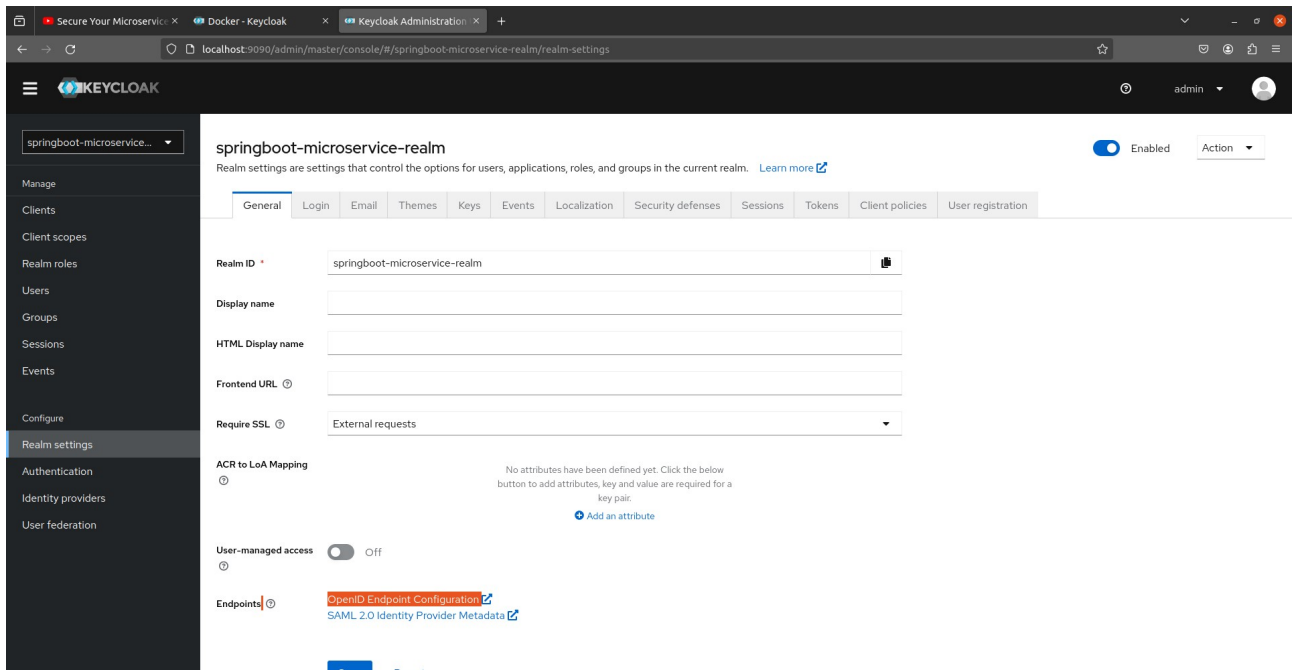
**Client Secret:** U6EW4ibTz6dU6y6k5wfxpW18zatnMiTK



The screenshot shows the Keycloak Admin Console interface for the 'microservice-auth' client. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Client details' and includes a sub-header 'Clients are applications and services that can request authentication of a user.' Below this, there are several tabs: 'Settings', 'Keys', 'Credentials', 'Roles', 'Client scopes', 'Service accounts roles', 'Sessions', and 'Advanced'. The 'Credentials' tab is active. It contains a 'Client Authenticator' dropdown menu set to 'Client Id and Secret'. Below this, there is a 'Client Secret' field with the value 'U6EW4ibTz6dU6y6k5wfxpW18zatnMiTK' and a 'Regenerate' button. At the bottom, there is a 'Registration access token' field and a 'Regenerate' button.

go back to settings and save everything.

**Open Realm Setting:** click on OpenID Endpoint Configurations link.



**When you click you get:**

