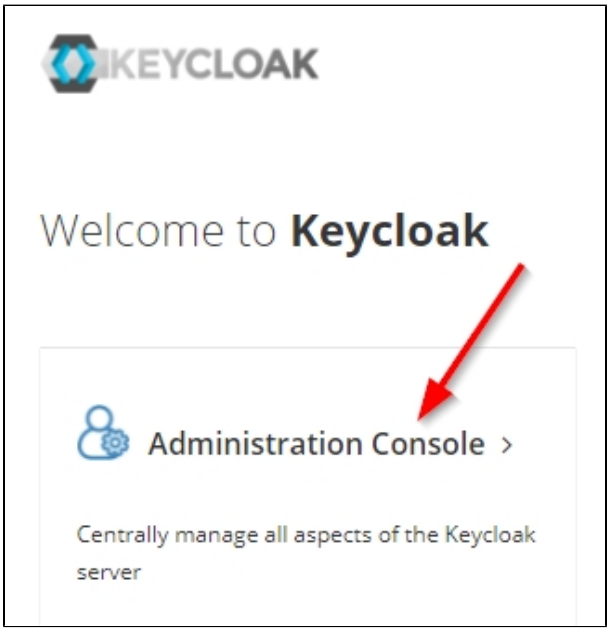
Initial login to Keycloak and configure a redirect - v. 2.x

Summary: this page explains how to login to Keycloak for the first time and configure a redirect URI to ensure Console front-end can be accessed from wherever required.

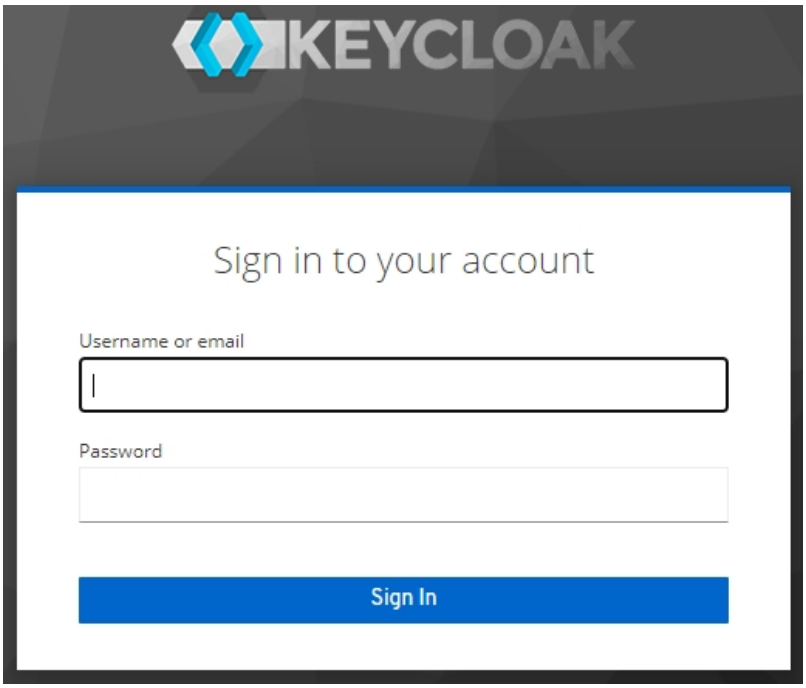
The Console **authentication provider** has been totally restructured in **2.x** and uses the open-source OAuth2 compatible **Keycloak** system. Keycloak provides local authentication, and can also interact with other enterprise authentication systems such as LDAP and SAML. Before you start using Console, you should configure a **redirect** in Keycloak to allow access to Console using the Console host name or IP address in addition to localhost (which is pre-configured). **If you do not, users will not be able to login to Console correctly.** To do so, connect to Keycloak **from any machine on the local network:**

```
http://localhost:8086
or
http://<ip_address>:8086
or
http://<host_name>:8086
```

Click the **Administration Console** option:



The default login credentials specified in the **docker-compose.yml** file are **admin/admin** - use these unless you have modified them as described in **AIP Console - front-end installation**:

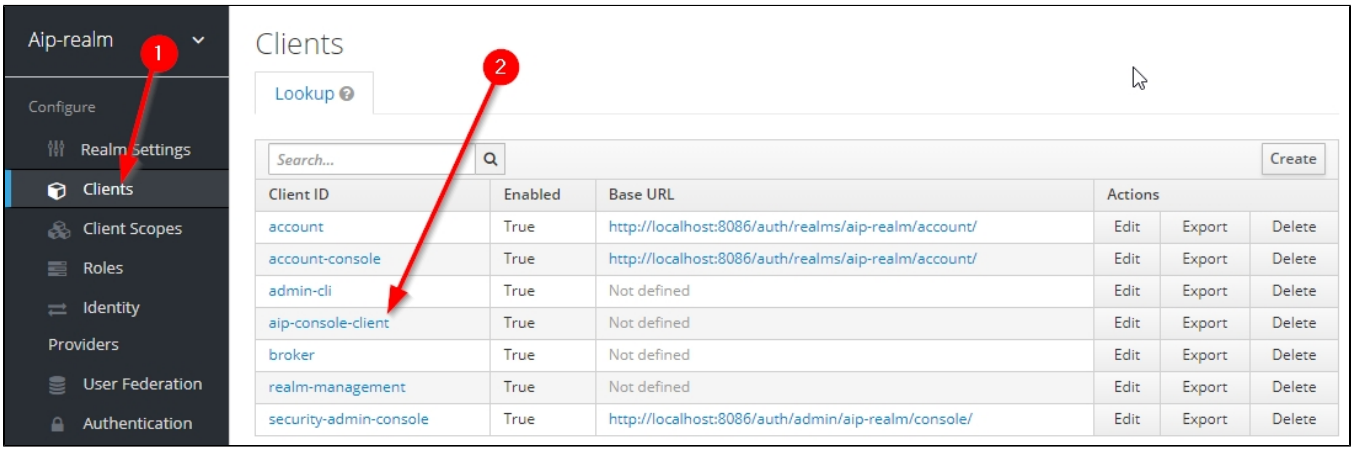


These credentials are **specific to Keycloak and not Console**. You can change the default password if required, post installation, using the following URL:

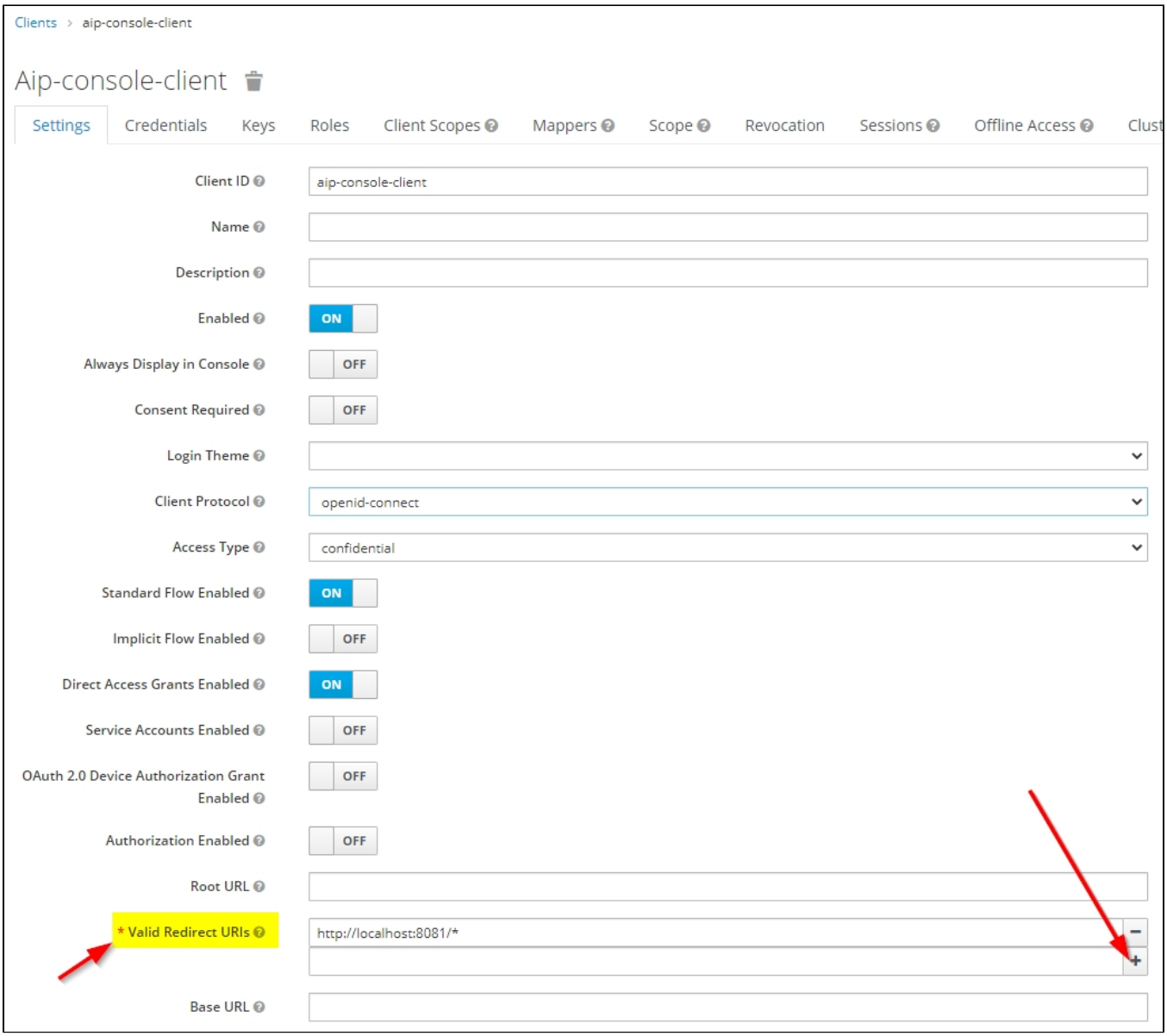
```
http://localhost:8086/auth/realms/master/account/#/security/signingin
```

Now click the **Clients** option and then click **aip-console-client**:

Click to enlarge

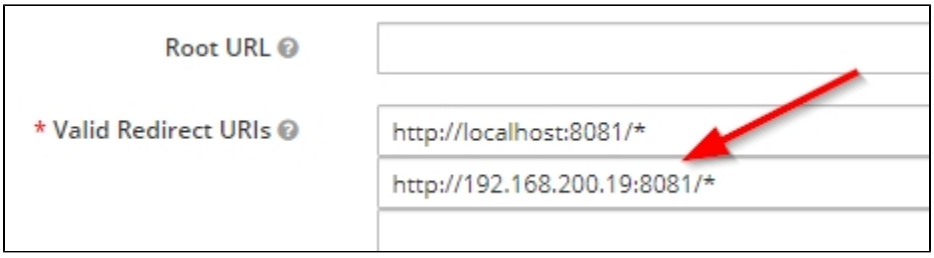


Now add a new redirect:

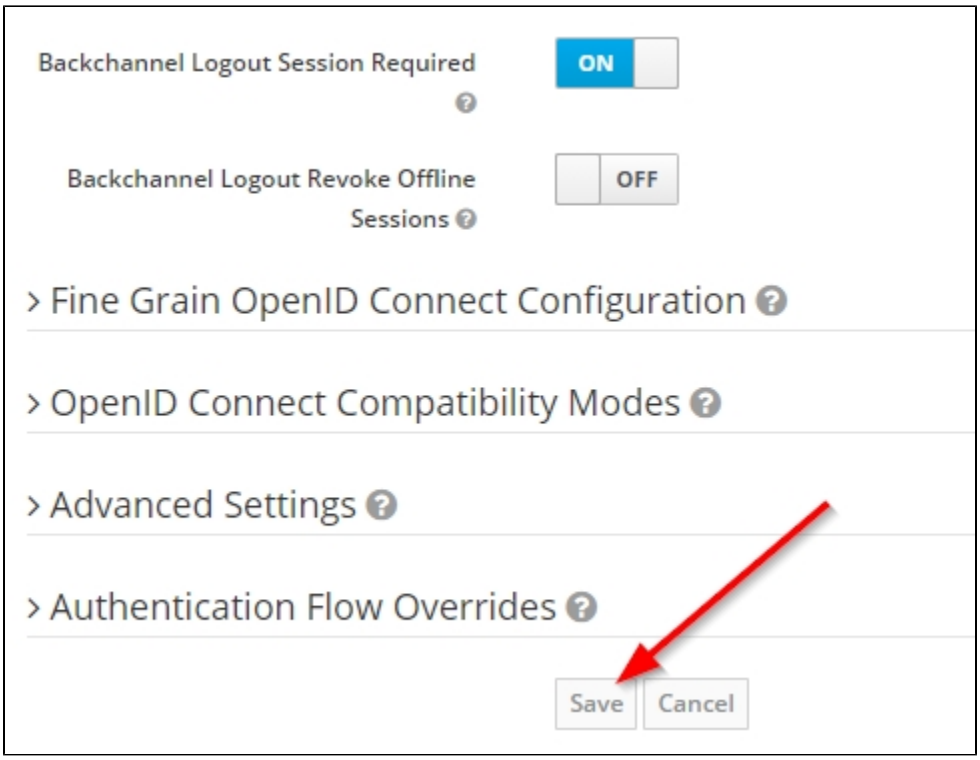


You should add a redirect for **each URL** you want Console to be accessible on. For example:

- **http://<aip_console_server_hostname>:8081/***
- **http://<aip_console_server_IP_address>:8081/***



Ensure you save the changes:


Backchannel Logout Session Required
ON
Backchannel Logout Revoke Offline Sessions
OFF
› Fine Grain OpenID Connect Configuration
› OpenID Connect Compatibility Modes
› Advanced Settings
› Authentication Flow Overrides
Save
Cancel