



Administration Center - Security - User Roles



- [Introduction](#)
- [Adding a Global level role](#)
 - [Console 2.x](#)
 - [Console 1.x](#)
- [Adding a Resource level role](#)

 **Summary:** this page describes how to manage User Roles in Console.

 Note that in more recent releases, roles are managed in **SSO/Keycloak** see [Configure authentication and roles using Keycloak - v. 2.x](#).

Introduction

Console uses a system of "roles" to manage permissions and access to data. Currently the following roles are available:

Role name	Type	Description
admin	Global	<p>This Global level role allows a user or member of a group to administer the entire Console, including:</p> <ul style="list-style-type: none">• creating/editing/deleting any Application• viewing data from any Application in the embedded dashboards• access to the Administration Center to change settings• assigning roles to users/groups <p>It can be assigned to a User or Group (if LDAP/Active Directory/SAML user authentication mode is in operation).</p> <div><ul style="list-style-type: none">• In Console 1.x, this role is configured directly in Console.• In Console 2.x, this role is configured directly in SSO/Keycloak.</div>
dashboard_admin	Global	<div> This role is only available in Console 2.x and is configured directly in SSO/Keycloak.</div> <p>This global level role applies the dashboard "admin" role to a user. See User roles for more information about what this role can do.</p>

<p>application owner</p>	<p>Global / Resource</p>	<p>i</p> <ul style="list-style-type: none"> In Console 2.x this role is Global only and is configured directly in SSO/Keycloak. In Console 1.x this role can be Global or Resource (or both): <ul style="list-style-type: none"> A role at Global level grants specific rights over all Applications managed in Console A role at Resource level grants specific rights over the resource in question (i.e. Applications or Domains). <p>Global level:</p> <ul style="list-style-type: none"> At Global level this role allows a user to create/edit/delete/deliver code/analyze/snapshot any Application, and view data in the embedded dashboards from any Application, but the ability to assign an Application to domains is not available. When an Application is created by a user/group with the Application Owner Global level role, the user/group can choose an existing domain or create a new one for the Application When an Application is created by a user with the Application Owner Global level role, the user is also automatically granted Application Owner role at Resource level. <p>Resource level:</p> <ul style="list-style-type: none"> At Resource level, an Application Owner can edit/delete/deliver code/analyze/create snapshots the Applications they have created (if they also have the Global level role) or that they have been assigned to via a Domain and can view data in the embedded dashboards from the Applications they have created or have been assigned to For all Applications they have been granted Application Owner at Resource level, they will be automatically granted rights to work with the Application or the Applications, i.e.: <ul style="list-style-type: none"> deliver code analyze create snapshots
<p>resource owner</p>	<p>Resource</p>	<p>i</p> <ul style="list-style-type: none"> This role is only available in Console 1.x. <ul style="list-style-type: none"> A Resource Owner can edit/delete/deliver code/analyze/create snapshots the Applications they have created or that they have been assigned to via a Domain and can view data in the embedded dashboards from the Applications they have created or have been assigned to For all Applications they have been granted Resource Owner, they will be automatically granted rights to work with the Application or the Applications, i.e.: <ul style="list-style-type: none"> deliver code analyze create snapshots

i Users can hold more than one role at a time - in this case the most permissive role takes priority.


Adding a Global level role

Console 2.x

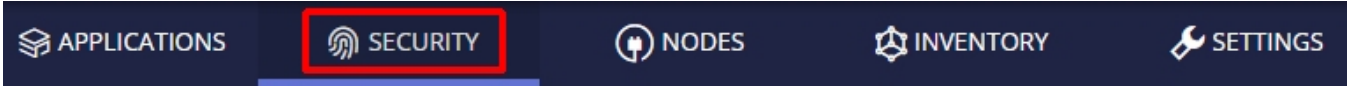
Global level roles are managed directly in **SSO/Keycloak**. See [Configure authentication and roles using Keycloak - v. 2.x](#) for more information:

The screenshot shows the Keycloak Admin console interface. At the top, there are tabs for 'Details', 'Attributes', 'Credentials', 'Role Mappings', 'Groups', 'Consents', and 'Sessions'. The 'Role Mappings' tab is active. Below the tabs, there are four main sections: 'Realm Roles', 'Available Roles', 'Assigned Roles', and 'Effective Roles'. In the 'Available Roles' section, a list of roles is shown: 'admin', 'application_owner', 'dashboards_admin', 'dashboards_exclusion_manager', and 'dashboards_quality_automation_manager'. The 'admin' role is highlighted in blue. A red arrow labeled '1' points to the 'admin' role. Below the list is an 'Add selected >' button, with a red arrow labeled '2' pointing to it. Below that is a 'Client Roles' section with a dropdown menu labeled 'Select a client...'. A red arrow labeled '3' points to the 'Add selected >' button.


Console 1.x

 To assign a Global level role to other users, the current user needs to already have the "Admin" role.

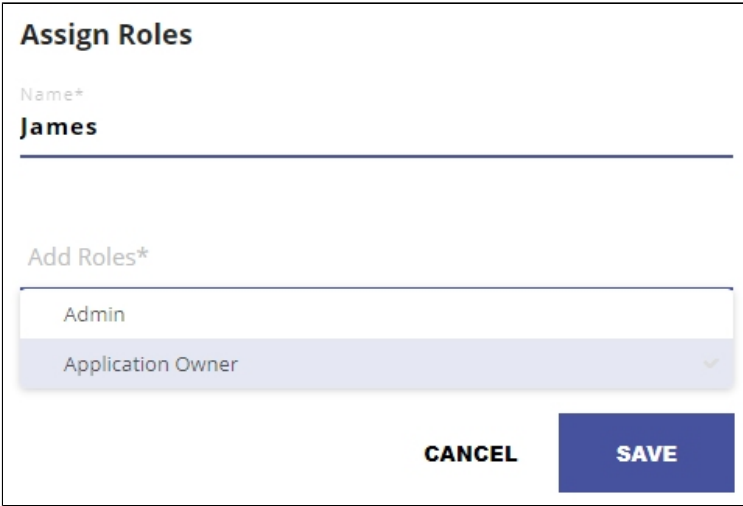
Move to the **Security** option:



A list of users/groups that already have **Global level roles** will be displayed (your own login or the group your login belongs to should be displayed in the list as an Admin):

GLOBAL ROLES		+ ADD ROLES
User/Group ↓	Add Roles	
 cast	Admin	

Click the **Add Roles** button to assign the role. Depending on the authentication mode in use (see [Configuring User Authentication](#)), you will then be prompted to assign the role:

Authentication mode	GUI	Action required
Authentication using local configuration	 A dialog box titled "Assign Roles" with a "Name*" field containing "James", an "Add Roles*" dropdown menu with "Application Owner" selected, and "CANCEL" and "SAVE" buttons.	<ul style="list-style-type: none">• Enter the name of the User• Choose the role• Click Save.

LDAP/Active Directory/SAML

Assign Roles

Scope
User

Username/Groupname
LBE

Add Roles*

Admin

Application Owner

CANCEL
SAVE

- Select the LDAP/Active Directory/SAML **scope (User or Group)**
- Enter the **name of the User / Group**
- Choose the **role**
- Click **Save**.

The page will updated and list the changes you have made:

GLOBAL ROLES		+ ADD ROLES
User/Group ↓	Add Roles	
cast	Admin	
James	Application Owner	


In the above example, when the user "James" logs in, he will have Application Owner rights at Global level. To remove a role, click the recycle bin next to the user's name:

GLOBAL ROLES		+ ADD ROLES
User/Group ↓	Add Roles	
cast	Admin	
James	Application Owner	

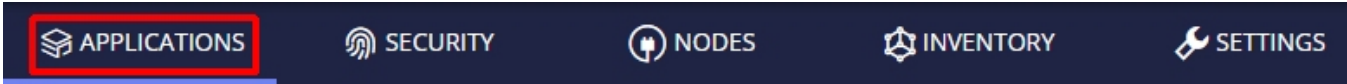


Note that it is not possible to remove the Admin role from your own login (in the example above, this is the "cast" login). This is to prevent a situation where there are no users with the Admin role.

Adding a Resource level role

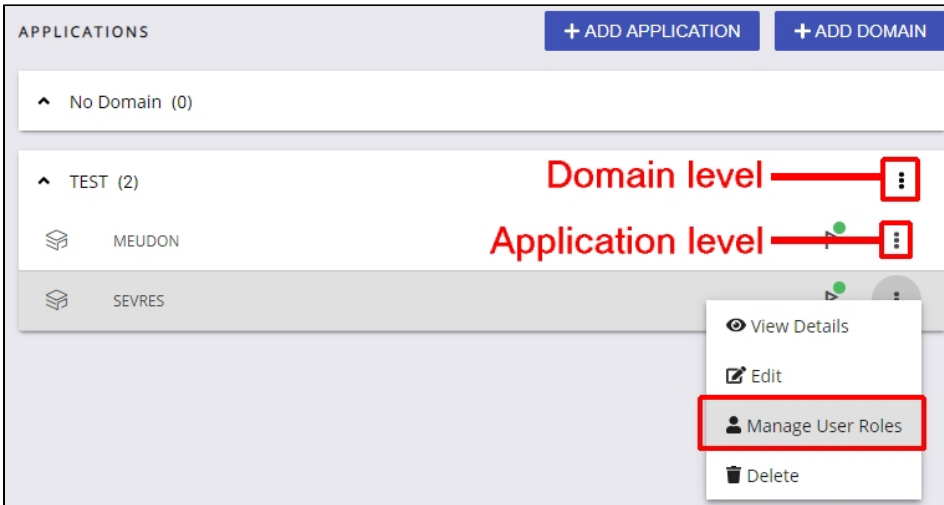
 To assign a Resource level role to other users, the current user needs to already have the "Admin" role.

Resource level roles (i.e. **Application Owner**) can be assigned to **Domains** (and **all Applications** associated with them) and/or individual **Applications**. To add a resource level role, move to the **Applications** option:

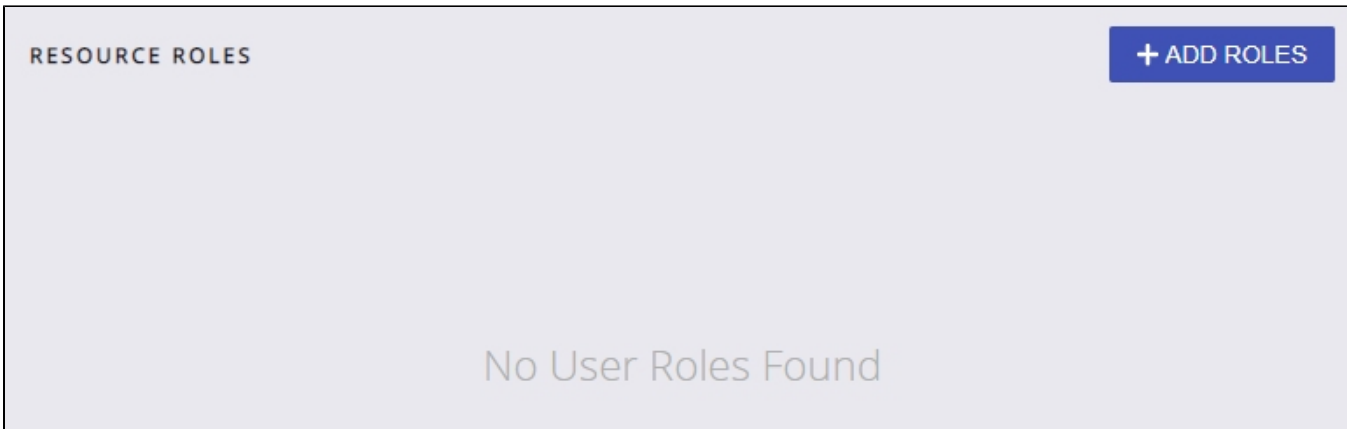


A list of Applications that already exist will be listed by Domain. Choose whether you want to assign the role at **Domain** or **Application** level, and then click the appropriate **three dots menu** and select **Manage User Roles**:

Click to enlarge



In this example we have selected to assign the role at **Application level** for the Application "MEUDON". No roles have previously been assigned for this Application. Click the **Add Roles** button to assign the role:



Depending on the authentication mode in use (see [Configuring User Authentication](#)), you will then be prompted to assign the role:

Authentication mode	GUI	Action required
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Authentication using local configuration

Assign Roles

Name*

James

Add Roles*

Admin

Application Owner

CANCEL

SAVE

- Enter the **name of the User**
- Choose the **role**
- Click **Save**.

LDAP/Active Directory/SAML

Assign Roles

Scope

User

Username/Groupname

LBE

Add Roles*

Admin

Application Owner

CANCEL

SAVE

- Select the LDAP/Active Directory/SAML **scope (User or Group)**
- Enter the **name of the User / Group**
- Choose the **role**
- Click **Save**.

The page will update and list the changes you have made:

RESOURCE ROLES + ADD ROLES

User/Group ↓	Add Roles	
 James	Application Owner	 

To **edit** the assigned role, click the **edit** button, to **remove** a role, click the **recycle bin** next to the User or Group's name as shown above.