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Roles and Rights in HPC Gateway

HPC Gateway manage following type of objects:

- users
- teams
- projects

- applications
- addons
- tasks
- profiles
- scripts
- mountpoints
- servers
- clusters

Users belong to **teams** and **projects**.

Applications, **addons**, **scripts**, **mount points**, **servers** can be assigned to **teams**. Therefore, users defined in a team can access those objects belonging to the team.

Mount points, servers and **tasks** are assigned to **projects**. Therefore, users defined in a project can access those objects belonging to the project.

A user has the right to interact with an object **only** if this object belong to one of user's team or one of user's project .

Note that, as of today, profiles can not be assigned to a project. Also, clusters are not subject to permissions. These limitations should be removed soon.

Roles

A specific role **super admin** is available to give almost no limitation to a user. This role should be used with caution. By default, only **hpcgadmin** user has super admin role.

Standard user belongs to teams and projects. A user can have several roles depending on the team and project:

- Team manager
- Team editor
- Team member
- Project manager
- Project editor
- Project member

The rights attached to these roles are described below.

Rights on application

An application is in state **draft** or **released**. Released application can not be modified anymore. They can still be configured.

Role	Create	Use	Edit	Configure	Change status
Super admin	yes	yes	yes (draft)	yes	yes
Team manager	yes	yes (released)	no	yes	yes
Team editor	yes	yes (released)	no	no	no
Team member	no	yes (released)	no	no	no
Owner	-	yes	yes (draft)	yes	yes
Anyone	no	no	no	no	no

Rights on add-on

Role	Install	Use	Configure	Uninstall
Super admin	yes	yes	yes	yes
Team manager	no	yes	no	no
Team editor	no	yes	no	no
Team member	no	yes	no	no
Anyone	no	no	no	no

Rights on task

Role	Create	Use	Edit	Send commands
Super admin	yes	yes	yes	yes
Project manager	yes	yes	yes	yes
Project editor	yes	yes	no	no
Project member	yes	yes	no	no
Owner	yes	yes	yes	yes
Anyone	no	no	no	no

Rights on profile

Role	Create	Use	Edit	Change status	Delete
Super admin	yes	yes (released)	no	yes	yes
Project manager	yes	yes (released)	no	yes	yes
Project editor	yes	yes (released)	no	no	no
Project member	yes	yes (released)	no	no	no
Owner	-	yes	yes (draft)	yes	yes
Anyone	no	no	no	no	no

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