

GitLab CI - Permissions

User Permissions

The following table shows available user permissions levels for different types of users in a project

–

S.N.	Guest	Reporter	Developer	Master	Owner
1	Creates a new issue	Creates a new issue	Creates a new issue	Creates a new issue	Creates a new issue
2	Can leave comments	Can leave comments	Can leave comments	Can leave comments	Can leave comments
3	Able to write on project wall	Able to write on project wall	Able to write on project wall	Able to write on project wall	Able to write on project wall
4	-	Able to pull project code	Able to pull project code	Able to pull project code	Able to pull project code
5	-	Can download project	Can download project	Can download project	Can download project
6	-	Able to write code snippets	Able to write code snippets	Able to write code snippets	Able to write code snippets
7	-	-	Create new merge request	Create new merge request	Create new merge request
8	-	-	Create new branch	Create new branch	Create new branch
9	-	-	Push and remove non protected branches	Push and remove non protected branches	Push and remove non protected branches
10	-	-	Includes tags	Includes tags	Includes tags
11	-	-	Can create, edit, delete project milestones	Can create, edit, delete project milestones	Can create, edit, delete project milestones
12	-	-	Can create or update commit status	Can create or update commit status	Can create or update commit status
13	-	-	Write a wiki	Write a wiki	Write a wiki

14	-	-	Create new environments	Create new environments	Create new environments
15	-	-	Cancel and retry the jobs	Cancel and retry the jobs	Cancel and retry the jobs
16	-	-	Updates and removes the registry image	Updates and removes the registry image	Updates and removes the registry image
17	-	-	-	Can add new team members	Can add new team members
18	-	-	-	Push and remove protected branches	-
19	-	-	-	Can edit the project	Can edit the project
20	-	-	-	Can manage runners, job triggers and variables	Can manage runners, job triggers and variables
21	-	-	-	Add deploy keys to project	Add deploy keys to project
22	-	-	-	Able to manage clusters	Able to manage clusters
23	-	-	-	Configure project hooks	Configure project hooks
24	-	-	-	Can enable/disable the branch protection	Can enable/disable the branch protection
25	-	-	-	Able to rewrite or remove Git tags	Able to rewrite or remove Git tags

The following table shows available group members permissions levels in a group –

S.N.	Guest	Reporter	Developer	Master	Owner
1	Browse group	Browse group	Browse group	Browse group	Browse group
2	-	-	-	-	Edit group
3	-	-	-	-	Create subgroup
4	-	-	-	Create project in group	Create project in group
5	-	-	-	-	Manage group members
6	-	-	-	-	Remove group
7	-	Manage group labels	Manage group labels	Manage group labels	Manage group labels
8	-	-	Create/edit/delete group milestones	Create/edit/delete group milestones	Create/edit/delete group milestones
9	-	View private group epic	View private group epic	View private group epic	View private group epic
10	-	-	-	-	-
11	View internal group epic	View internal group epic	View internal group epic	View internal group epic	View internal group epic
12	View public group epic	View public group epic	View public group epic	View public group epic	View public group epic
13	-	Create/edit group epic	Create/edit group epic	Create/edit group epic	Create/edit group epic
14	-	-	-	-	Delete group epic
15	-	-	-	-	View group Audit Events

The following table shows available GitLab CI/CD permissions in the GitLab –

S.N.	Guest/Reporter	Developer	Master	Admin
1	Can see commits and jobs	Can see commits and jobs	Can see commits and jobs	Can see commits and jobs
2		Retry or cancel job	Retry or cancel job	Retry or cancel job
3	-	Deletes job artifacts and trace	Deletes job artifacts and trace	Deletes job artifacts and trace
4	-	-	Remove project	Remove project
5	-	-	Create project	Create project
6	-	-	Change project configuration	Change project configuration
7	-	-	Add specific runners	Add specific runners
8	-	-	-	Add shared runners
9	-	-	-	Can able to see events in the system
10	-	-	-	Admin interface

Job Permissions

The following table shows job permissions in the GitLab –

S.N.	Guest/Reporter	Developer	Master	Admin
1	-	Run CI job	Run CI job	Run CI job
2	-	Clone source and LFS from current project	Clone source and LFS from current project	Clone source and LFS from current project
3	-	Clone source and LFS from public projects	Clone source and LFS from public projects	Clone source and LFS from public projects
4	-	Clone source and LFS from internal projects	Clone source and LFS from internal projects	Clone source and LFS from internal projects
5	-	Clone source and LFS from private projects	Clone source and LFS from private projects	Clone source and LFS from private projects
6	-	Push source and LFS	Push source and LFS	Push source and LFS
7	-	Pull container images from current project	Pull container images from current project	Pull container images from current project
8	-	Pull container images from public projects	Pull container images from public projects	Pull container images from public projects
9	-	Pull container images from internal projects	Pull container images from internal projects	Pull container images from internal projects
10	-	Pull container images from private projects	Pull container images from private projects	Pull container images from private projects
11	-	Push container images to current project	Push container images to current project	Push container images to current project
12	-	Push container images to other projects	Push container images to other projects	Push container images to other projects

Note – LFS stands for **L**arge **F**ile **S**torage which is a Git extension that exchanges the large files such as audio, video, graphics with tiny pointers files in your repository.