

* Create and manage workspaces in Bitbucket Cloud

↳ The URL for our project is

www.bitbucket.org/<workspace name>/<repo name>

↳ Every workspace has an ID and this can be changed in Bitbucket Cloud. However, this will change the URL for **all** repositories, snippets, and static websites for that workspace.

* Changing a workspace ID

- ↳ 1. From your profile, select the workspace that you want to update
2. Select settings on the left sidebar navigation of the workspace
3. Select (change) to the right of your Workspace ID
4. Enter your new workspace ID

↳ Your workspace ID can only contain lowercase letters with no spaces/ special character.

5. View the repositories that will be impacted to confirm that you are OK & understand the impact of this change.
6. Follow the prompts to confirm the change.
7. Update any configuration files, builds, or references to the old URLs.

↳ Example: If you rename your workspace ID from John to citizen, the repository previously available at

<http://bitbucket.org/john/repo>



<http://bitbucket.org/citizen/repo>

↳ Now, after we update this, we should update the push/pull destination in our local repository (since the old one is no longer valid).

We can do this by using

```
$ git remote set-url origin <new-url>
```

* Granting access to workspace repositories

↳ You can control access to your workspace's repos by adding specific user groups / individual user

(If a user deletes his/her accounts, Bitbucket automatically deletes that user from all repository access lists)

* New group access on existing repositories

↳ Bitbucket doesn't automatically grant access. To grant new group access to existing repos:

1. Open Repository settings and click user and group access
2. From the Group section, click Select a group and scroll down to your new group.
3. Pick the access level:

* Admin: Allows users to everything repo owner can do: change repo settings, update user permission, and delete the repository.

* Write: Allows users to contribute to the repo by pushing changes directly.

- * Read: Allows users to view, clone, and fork the repository code but not push changes. Read access also allows users to create issues, comment on issues, and edit wiki pages

4. Click Add

* Group access on future repositories

- ↳ When you create a repository in a workspace with existing user groups, Bitbucket determines whether any groups with the Default Access permission of Read, Write, Admin.
- ↳ If it does, Bitbucket adds those groups to the new repo with the default permission
- ↳ If you select None for the Default Permission, Bitbucket ignores that group and doesn't add it

P.S.: To update the group permissions for only one repo, can do so from the User and group access page or the repo settings.

* User access on existing repositories

1. Click Repository Settings in the left sidebar navigation of the Bitbucket repo.
2. Click User and group access
3. Locate the Users section
4. Enter the Bitbucket user's name / email address in text box.
5. Select the access from the dropdown menu
6. Click Add

↳ Organise workspace members into groups

- ↳ When we create a workspace, Bitbucket automatically creates an Administrator group and a Developers group. The users in the Admin group are the members of your workspace you've specified as admin. By default, all workspace members are in the Developers group.

- ↳ There are 2 types of group permissions

1. Repository Access: These permissions specify the group's access to a repo.
 - * Admin
 - * Write
 - * Read
 - * None

2. Workspace member permission

- ↳ These permissions specify what the group's users can do within your workspace

* Create Repositories

- ↳ Allows workspace members to create new repositories for the team

* Administer team

- ↳ Allows workspace members to update the workspace's settings & the settings of any workspace-owned repositories.

↳ Existing user groups

- ↳ To find your workspace's user groups, select the workspace from your sidebar in the bottom left. Click Settings, then select User groups.

↳ Click one of the user group links and you'll see the permissions, members, & repositories associated with that group. You can also add & remove users from here

↳ Update a group's repository access permissions

↳ You can change group access for future existing repositories

↳ For your workspace's future repos:

1. From User Groups, click the name of the group to be updated

2. Click Edit

3. From the Default repository access dropdown, choose the permission

4. Save

↳ For your workspace's existing repo:

1. From User Groups, click the group

2. Click More and choose Update Repository

3. By default, Repositories this group can currently access is selected.

↳ If you just want to update repos that group has access to, keep it this way

↳ You can also add this group to all existing repos the workspace owns by selecting All repositories that [your workspace] owns

4. Set the permission

5. Click Update

↳ For Entire Workspace:

1. From User Groups, click the group

2. Click Edit

3. From the Workspace permission option, select the checkboxes for Create Repositories / Administer workspace to give / take away these permission

4. Save