

# Jenkins and GitLab configurations trigger build

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This document is a step by step configuration in order to activate automatique build on all behavior of GitLab. This setting is a trigger to multibranch job configuration, all modication on GitLab implies automatic build in CloudUni/Jenkins.

id: johndoe pwd: abc2015

hello

## Create a GitLab key

Jenkins need the access token to listen to GitLab behaviors. 1. go to Profile Settings 2. Access Todkens 3. Add a Personnal Access Token

name: cloudunit Expire at: xxx

xxx : leave it blanc to set it never or give expiration date.

[important]: don't forget to save the token ID.

## Jenkins file configuration

1. in your project, make sure that you have Jenkins file
2. open your Jenkinsfile
3. add athe first line a GitLab Jenkins plugin properties

```
`properties([gitLabConnection('cloudunit'))`
```

# Jenkins configuration

## Requirement

- Jenkins version 2.46.1 (Tested)

## GitLab Jenkinsfile

1. go to Jenkins management
2. system configuration
3. got to Gitlab panel 1. Connection name: cloudunit 2. Gitlab host URL: <https://gitlab-cu02.cloudunit.io/> 3. Credentials: Jenkins go to How to add credentials 4. Add button
4. Save button Make sure that you have credentials token, go to Identities

## How to add credentials

In the Jenkins Credentials Provider: Jenkins, 1. Domain: Global identity 2. Domain: GitLab API token 3. Scope: Global 4. API token : Paste TOKEN ID HERE 5. ID: cloudunit 6. Description: My cloudunit GitLab/Jenkins 7. Add