# Install GitLab Community Edition on CentOS 7

GitLab is an **open source repository manager** based on Rails developed by GitLab Inc. It is a web based git repository manager that allows your team collaborate on coding, testing and deploying applications. GitLab provides several features, including wikis, issue tracking, code reviews, and activity feeds. **GitLab Community Edition** is designed to **self-hosted and free**, but it does not provide technical supports. GitLab supports not only for CentOS but also other operating system as well.

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## STEP 1. Install packages

There are some components need to be installed, you will need to run below command lines one by one.

```
sudo yum install -y curl policycoreutils-python openssh-server
sudo systemctl enable sshd
sudo systemctl start sshd
sudo firewall-cmd --permanent --add-service=http
sudo firewall-cmd --permanent --add-service=https
sudo systemctl reload firewalld
sudo yum install postfix
sudo systemctl enable postfix
sudo systemctl start postfix
```

## STEP 2. Install GitLab

GitLab provides an installer for adding the GitLab CE repository. You can do the necessary things by below command lines.

```
curl -sS https://packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.rpm.sh | sudo bash
sudo EXTERNAL_URL="http://127.0.0.1" yum install -y gitlab-ce
```

Note that you can put your own URL instead of 127.0.0.1 above.

## STEP 3. Connect to your GitLab server by web browser

The default user account is root as administrator. You will be able to reset that administrator password.

Reference: https://about.gitlab.com/install/#centos-7?version=ce