

# Installing Confluence

This is a guide for installing confluence on Centos7 using a postgresql database.

## Before starting:

1. Copy the version on confluence .bin file into the users downloads folder
2. open a terminal window in the users download folder.
3. `chmod a+x <the confluence .bin file>`

## Configure the Database

1. When deploying the operating system on the vm, choose server with GUI, then on the right hand side check:
  - a. Postgresql Databases
  - b. Administrator Tools
2. Click Finish
  - a. Set root password
  - b. create an administrator with the username "confluence"
3. On login run the following commands to build the confluence database, and enable a local database user account to access it:

```
a. sudo postgresql-setup initdb
passwd postgres
sudo systemctl enable postgresql
sudo systemctl start postgresql
su - postgres
psql
CREATE USER confluencedb;
CREATE DATABASE confluence OWNER confluencedb;
\q
psql confluence
GRANT CONNECTION ON DATABASE confluence TO confluencedb;
ALTER USER confluencedb PASSWORD 'your password here';
\q
sudo sed -i "s^ident^trust^" /var/lib/pgsql/data/pg_hba.conf
```

## Set up firewall rules:

1. 

```
sudo firewall-cmd --add-port=8090/tcp --zone=public --permanent
sudo firewall-cmd --add-port=8090/udp --zone=public --permanent
sudo firewall-cmd --add-forward-port=port=80:proto=tcp:toport=8090 --zone=public --permanent
sudo firewall-cmd --add-forward-port=port=80:proto=udp:toport=8090 --zone=public --permanent
```

## Install confluence

1. `cd ~/Downloads`
2. `sudo ./<the confluence .bin file>`
3. accept all defaults
4. once installed open firefox and go to:
  - a. <http://confluence:8090>
5. Choose Production install
6. Input the license key
7. Skip optional applications
8. Choose connect to my database
  - a. postgresql
  - b. 127.0.0.1
  - c. confluence
  - d. confluencedb
  - e. confluencedb password
9. Test Connection
10. Next
11. Blank Site
12. Set default administrator information