

# Install OnlyOffice Document Server on Ubuntu

## Preequites to OnlyOffice Document Server Community Edition

Dependencies for OnlyOffice document server are Nginx webserver, PostgreSQL database server, Node.js, Redis Server, and RabbitMQ server.

### Install PostgreSQL

```
sudo apt install postgresql
```

### Create OnlyOffice Database, Username and Password in PostgreSQL

**Both the username and password are required to be 'onlyoffice'**

Create Only Office database within PostgreSQL (Not MySQL):

```
sudo -i -u postgres psql -c "CREATE DATABASE onlyoffice;"
```

Create the OnlyOffice user.

```
sudo -i -u postgres psql -c "CREATE USER onlyoffice WITH password 'onlyoffice';"
```

Grant Permissions for the user on the OnlyOffice database:

```
sudo -i -u postgres psql -c "GRANT ALL privileges ON DATABASE onlyoffice TO onlyoffice;"
```

## Install NodeJS

OnlyOffice document server requires nodejs version 8.12.0+, but the version in Ubuntu repository is outdated, so we will need to install the latest LTS version (12.13.1) of Node.js from upstream repository.

### Add Node.js repostiory

```
curl -sL https://deb.nodesource.com/setup_12.x | sudo -E bash -
```

## Install Node.js.

```
sudo apt install nodejs -y
```

## Check Node.js version.

```
node -v
```

## Sample output:

```
v12.18.0
```

Install Redis server and Rabbitmq

```
sudo apt install redis-server rabbitmq-server
```

Check their status.

```
systemctl status redis-server  
  
systemctl status rabbitmq-server
```

Status should show these are active (running). If rabbitmq-server failed to start, that's mostly because of low memory on the machine or invalid hostname. Redis server listens on 127.0.0.1:6379. RabbitMQ listens on 0.0.0.0:25672 and 0.0.0.0:4369

# Install OnlyOffice document server

**Add OnlyOffice repository with the following command.**

```
echo "deb http://download.onlyoffice.com/repo/debian squeeze main" | sudo  
tee /etc/apt/sources.list.d/onlyoffice.list
```

**Import OnlyOffice public key.**

```
sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys  
CB2DE8E5
```

Update local package index and install OnlyOffice document server. Note that the onlyoffice-documentserver package will install nginx-extras as a dependency, so if an Apache web server is running, you need to stop it first.

```
sudo apt update
```

```
sudo apt install onlyoffice-documentserver
```

During the installation process, you will be asked to enter PostgreSQL password for onlyoffice. Enter the password:

```
onlyoffice
```

A Nginx server block will be installed as /etc/nginx/conf.d/ds.conf. (It's actually a symbolic link to /etc/onlyoffice/documentserver/nginx/ds.conf.) The OnlyOffice document server is a nodejs web application and Nginx acts as the reverse proxy. /var/www/onlyoffice/documentserver/ is the web root directory.

Once the installation is finished, enter your server's public IP address in web browser, you should see "Document Server is running"

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