

# How to install Nextcloud with OnlyOffice in Ubuntu

There are many different ways to install and configure Nextcloud, including manual installation, through the Snap system of Ubuntu and Docker. Here, the article will use the DockOffice configuration provided by OnlyOffice.

Although there are many cloud storage options available today, most of them put your data in the hands of others. Dropbox, Google Drive and OneDrive all require users to trust how companies own data processing services. Fortunately, thanks to software like Nextcloud, everything seems to have changed.

Nextcloud, derived from the OwnCloud project, performs better tasks than Dropbox, the original inspiration to create it. Although the main task is to store data, it can also act as an Office suite (inspired by Google Docs) when users add OnlyOffice. With a combination of both, users will have the opportunity to enjoy many G Suite features from Google right on their own server.

There are many different ways to install and configure Nextcloud, including manual installation, through the Snap system of Ubuntu and Docker. Here, the article will use the Docker configuration provided by OnlyOffice, as it allows users to install both Nextcloud and OnlyOffice in a few quick steps.

## Use OnlyOffice to install Nextcloud in Ubuntu

1. Before start
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### Before start

Nextcloud requires a Unix-like operating system to run, but according to its official website, users can also use **Windows Subsystem for Linux** . Here the article will focus on Ubuntu, but the steps are similar for other operating systems.

### Install Docker and Docker Compose

```
1. kwouk@localhost: ~ (ssh)
Debian package builder using Docker

wmdocker/cosmic 1.5-2 amd64
System tray for KDE3/GNOME2 docklet applications

kwouk@localhost:~$ sudo apt install docker-compose
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  bridge-utils cgroupfs-mount dns-root-data dnsmasq-base docker.io golang-docker-credential-helpers
  libltdl7 libsecret-1-0 libsecret-common pigz python3-cached-property python3-distutils
  python3-docker python3-dockerpty python3-dockerpycreds python3-docopt python3-jjsonschema
  python3-lib2to3 python3-texttable python3-websocket ubuntu-fan
Suggested packages:
  ifupdown aufs-tools debootstrap docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils cgroupfs-mount dns-root-data dnsmasq-base docker-compose docker.io
  golang-docker-credential-helpers libltdl7 libsecret-1-0 libsecret-common pigz
  python3-cached-property python3-distutils python3-docker python3-dockerpty python3-dockerpycreds
  python3-docopt python3-jjsonschema python3-lib2to3 python3-texttable python3-websocket ubuntu-fan
0 upgraded, 22 newly installed, 0 to remove and 0 not upgraded.
Need to get 41.7 MB of archives.
After this operation, 205 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

Install Docker with the following command:

```
sudo apt install docker
```

Next, install Docker Compose:

```
sudo apt install docker-compose
```

## Install and configure Nextcloud

Now, we have installed Docker and Docker Compose and ready to switch to Nextcloud. We will start by duplicating the repository:

```
git clone https://github.com/ONLYOFFICE/docker-onlyoffice-nextcloud
```

Now, we will move to the newly cloned folder and activate the Docker application with the following commands:

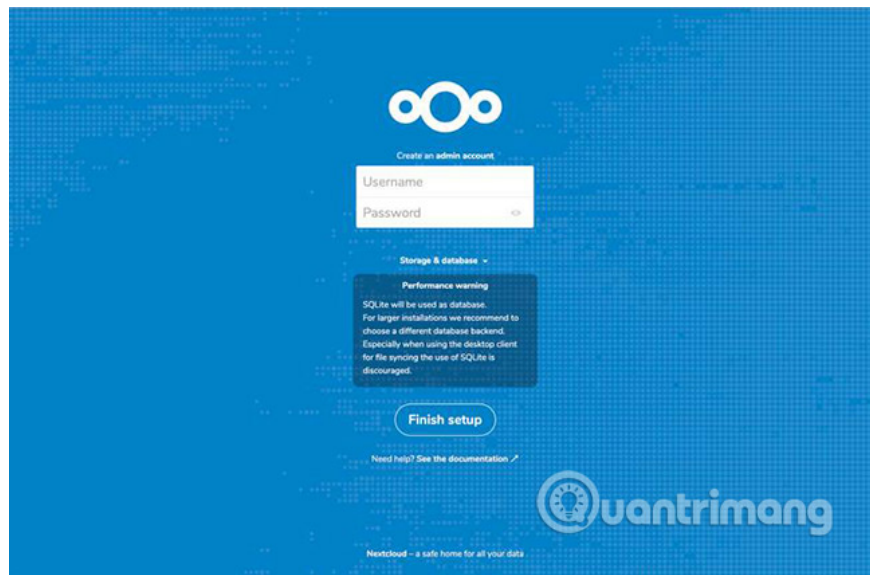
```
cd docker-onlyoffice-nextcloud/ docker-compose up -d
```

The second step involves a lot of work to do to run Nextcloud.

```
1. kwouk@localhost: ~/docker-onlyoffice-nextcloud (ssh)
dc6a1020a503: Pull complete
46ccabdcf8f0: Pull complete
87e8d1e332d6: Pull complete
dbc6fdf31277: Pull complete
48dbf7399277: Pull complete
69940737122a: Pull complete
bbb37fa8a960: Pull complete
89ccf3f95ed0: Pull complete
8a829e80696c: Pull complete
c1cb731b49a9: Pull complete
c39cc6c4e748: Pull complete
b51fbb9b613a: Pull complete
Digest: sha256:c6e4b104e1cc8bd46ad6ed365fc8f9bb82a5ba1c36b2519468951ea0b62fe9e7
Status: Downloaded newer image for nextcloud:fm
Pulling onlyoffice-document-server (onlyoffice/documentserver:latest)...
latest: Pulling from onlyoffice/documentserver
7b722c1070cd: Pull complete
5fbf74db61f1: Pull complete
ed41cb72e5c9: Pull complete
7ea47a67709e: Pull complete
a6079c7fa57f: Extracting [=====] 124.2MB/232.5MB
9db3f864a60d: Download complete
99b6e0427391: Download complete
cb802005d5f9: Downloading [=====] 254.3MB/342.8MB
```

When the process ends, launch the browser and navigate to the IP address or host name to complete the Nextcloud configuration. If you're not sure what your IP address is, users can find it with the **ifconfig** command .

Enter the username and password you want to use for the admin account. Nextcloud server will take a while to start everything.



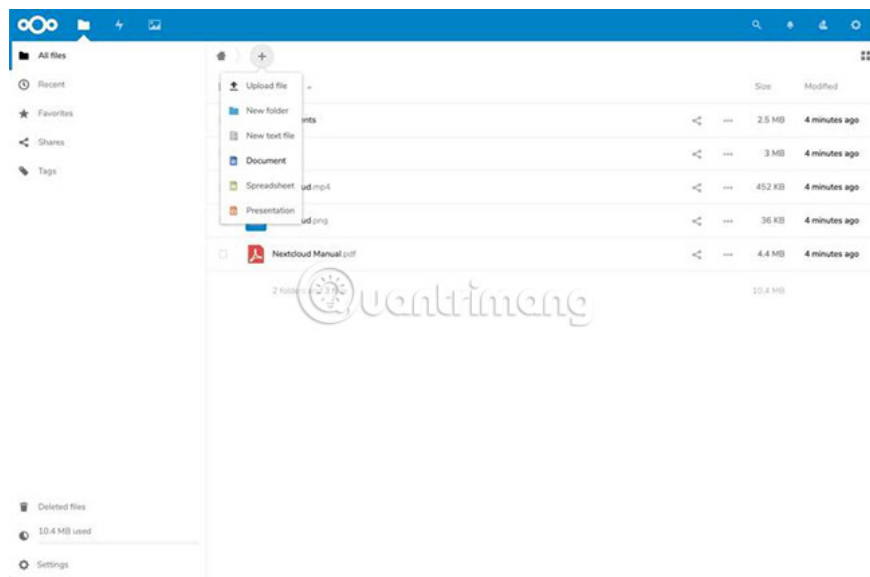
## Install and configure OnlyOffice

Now, almost everything is done. Nextcloud has been installed and configured, and users have a chance to see the control panel. The final step is to activate OnlyOffice.

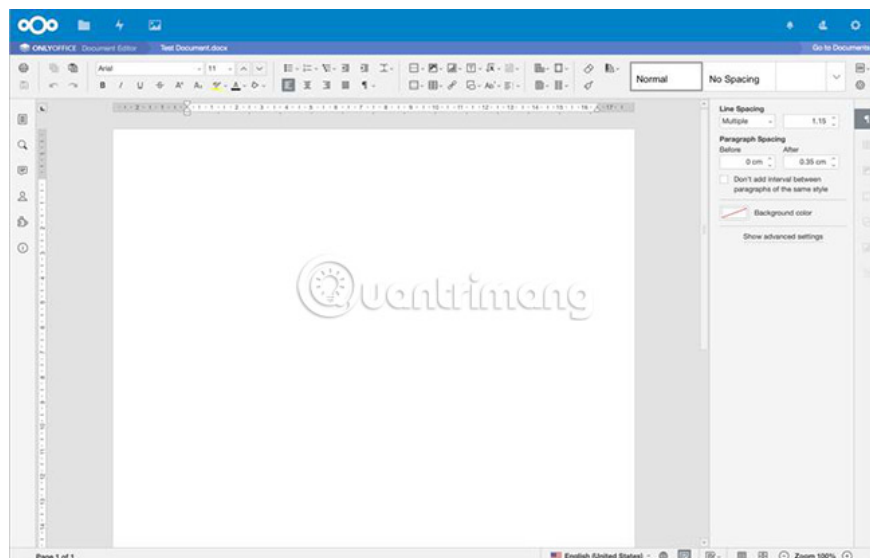
Back to the terminal, make sure you are in the same directory. Run the following command:

```
bash set_configuration.sh
```

Installing OnlyOffice will take a while to complete. When the command is finished, log out and return to the server. Now, OnlyOffice is fully configured.



Check the new installation by creating a new file. Although there was previously an option to create a simple text file, users should have new options now. Create a new document, spreadsheet or presentation and you'll see it open in OnlyOffice.



## Next step

The main note of setting up Nextcloud in this way is that users cannot connect via HTTPS using SSL encryption. Users can enable end-to-end encryption in Nextcloud settings, but are still susceptible to man-in-the-middle attacks.

The next step is to set up a reverse proxy, and this can be done with Nginx. The ideal configuration will provide proxies, not just for Nextcloud, but for any other Docker application running. This is beyond the scope of this

article but should be included in the list of things to be solved when installing Nextcloud server.

Hope you are succesful.

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