

Steps to set up Nextcloud on Ubuntu Server 18.04:

1. Install all the required programs by running `sudo apt-get install apache2 mariadb-server libapache2-mod-php7.2 php7.2-gd php7.2-json php7.2-mysql php7.2-curl php7.2-mbstring php7.2-intl php-imagick php7.2-xml php7.2-zip`.
2. Go to <https://nextcloud.com/install/#instructions-server> and then copy the link of the button that says "Download Nextcloud" and then type `wget {DOWNLOAD_LINK}` where {DOWNLOAD_LINK} is the link of the button you copied.
3. Unzip the download folder by running `unzip nextcloud-x.y.z.zip` where nextcloud-x.y.z.zip is the file you just downloaded using wget.
4. Copy the nextcloud files to the root of your web server by running `sudo cp -r nextcloud /var/www/html`.
5. Run `sudo mysql_secure_installation` and follow the prompts as you seem fit. Remember that this will be a publicly available web server, so choose secure decisions.
6. Run `sudo mysql -u root -p` to get into the mysql command line. Run the following commands: `CREATE DATABASE nextcloud;`, `CREATE USER 'nextcloud'@'localhost' IDENTIFIED BY '{STRONG_PASSWORD}';` (where {STRONG_PASSWORD} is a strong password), `GRANT ALL PRIVILEGES ON nextcloud.* TO 'nextcloud'@'localhost';`, `FLUSH PRIVILEGES;`, and then type `exit` to exit the mysql command line.
7. Change the ownership so that nextcloud will be able to run properly by running `sudo chown -R www-data:www-data nextcloud`.
8. Make a new file at `/etc/apache2/sites-available/nextcloud.conf` and write this:

```
Alias /nextcloud "/var/www/html/nextcloud/"
<Directory /var/www/html/nextcloud/>
    Options +FollowSymlinks
    AllowOverride All
    <IfModule mod_dav.c>
        Dav off
    </IfModule>

    SetEnv HOME /var/www/html/nextcloud
    SetEnv HTTP_HOME /var/www/html/nextcloud
</Directory>
```
9. Enable the site and the required apache modules by running `sudo a2ensite nextcloud`, `sudo a2enmod rewrite headers env dir mime`.
10. Set the PHP memory limit to 512MB by running `sudo sed -i '/^memory_limit =/s/.*/= 512M/' /etc/php/7.2/apache2/php.ini`.
11. Restart apache by running `sudo systemctl restart apache2`.
12. Now you should be able to access your.server.ip.address/nextcloud in your browser to configure nextcloud.