

Installation of Owncloud

To download the ownCloud. First we need to install LAMP. OwnCloud requires a full LAMP (Linux, Apache, MySQL, PHP)

1. First, download the version of owncloud with the following command.

```
# wget https://download.owncloud.org/community/owncloud-10.10.0.zip
```

2. Unzip the downloaded file:

```
# unzip owncloud-10.10.0.zip
```

3. When you unzip the file, a new directory named owncloud is created. Move the new directory to the Apache document root. This example uses the default directory for Apache site files:

```
# mv owncloud /var/www/html/
```

4. Change the ownership of the owncloud directory:

```
# chown -R www-data: /var/www/owncloud
```

5. Create an Apache configuration file using the vim text editor:

```
# vim /etc/apache2/sites-available/owncloud.conf
```

6. Paste the following text into the new file.

File: vim /etc/apache2/sites-available/owncloud.conf

```
<VirtualHost *:80>
```

```
    ServerAdmin admin@localhost
```

```
    DocumentRoot /var/www/owncloud
```

```
    ServerName tjoc.gpuoncloud.com
```

```
    <Directory /var/www/owncloud>
```

```
        Options FollowSymlinks
```

```
    AllowOverride All

    Require all granted

</Directory>

ErrorLog ${APACHE_LOG_DIR}/error.log

CustomLog ${APACHE_LOG_DIR}/access.log combined

</VirtualHost>
```

```
9
10     Options FollowSymlinks
11
12     AllowOverride All
13
14     Require all granted
15
16 </Directory>
17
18
19
20
21     ErrorLog ${APACHE_LOG_DIR}/error.log
22
23
24     CustomLog ${APACHE_LOG_DIR}/access.log combined
25
26
27
28 </VirtualHost>
/etc/apache2/sites-available/owncloud.conf" 28L, 355B written
oot@node215348-env-9987419:~# a2ensite owncloud.conf
enabling site owncloud.
o activate the new configuration, you need to run:
  systemctl reload apache2
oot@node215348-env-9987419:~# a2enmod rewrite
odule rewrite already enabled
oot@node215348-env-9987419:~# systemctl reload apache2
oot@node215348-env-9987419:~#
```

7. Enable Apache Modules and Site

```
#a2ensite owncloud.conf
```

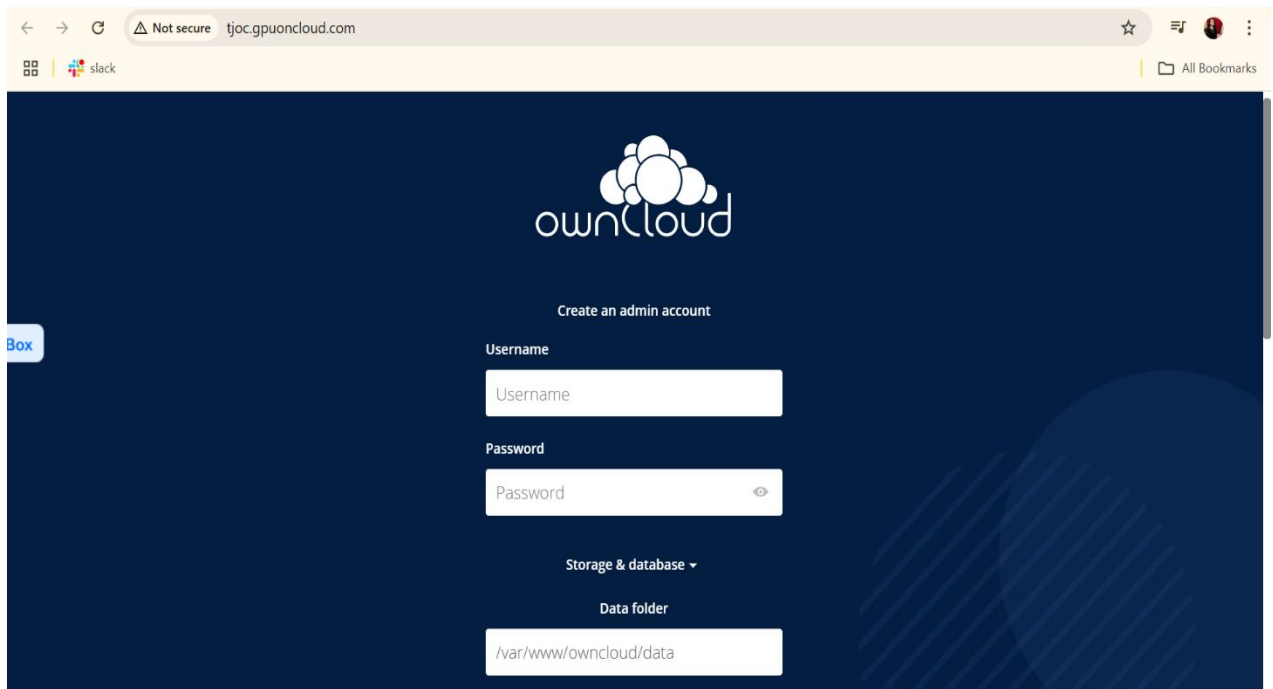
```
#a2enmod rewrite
```

```
#systemctl restart apache2
```

Complete WordPress Setup via Browser

Open your browser and navigate to:

<http://tjoc.gpuoncloud.com>



Then applied SSL, Install Certbot Apache Package

```
# apt install certbot python3-certbot-apache -y
```

Obtaining a Certificate

```
#certbot --apache
```

Confirm SSL certificate

To confirm that our site is set up properly, visit <https://tjoc.gpuoncloud.com/> in your browser and look for the lock icon in the URL bar

