

# Librenms

## 1. Installer les paquets nécessaires

```
apt install acl curl composer fping git graphviz imagemagick mariadb-client mariadb-server mtr-tiny nginx-full nmap php7.3-cli php7.3-curl php7.3-fpm php7.3-gd php7.3-json php7.3-mbstring php7.3-mysql php7.3-snmp php7.3-xml php7.3-zip python3-dotenv python3-pymysql python3-redis python3-setuptools rrdtool snmp snmpd whois
```

## 2. Ajouter un utilisateur librenms

```
useradd librenms -d /opt/librenms -M -r -s /bin/bash
```

## 3. Cloner le projet

```
cd /opt  
git clone https://github.com/librenms/librenms.git
```

## 4. Mettre les permissions

```
chown -R librenms:librenms /opt/librenms  
chmod 771 /opt/librenms  
setfacl -d -m g::rwx /opt/librenms/rrd /opt/librenms/logs  
/opt/librenms/bootstrap/cache/ /opt/librenms/storage/  
setfacl -R -m g::rwx /opt/librenms/rrd /opt/librenms/logs  
/opt/librenms/bootstrap/cache/ /opt/librenms/storage/
```

## 5. Installer les dépendances du projet

```
su - librenms  
./scripts/composer_wrapper.php install --no-dev  
exit
```

## 6. Modifier le timezone des deux fichiers php

```
sed -i 's;/date.timezone =/date.timezone = "Europe/Brussels"/g'  
/etc/php/7.3/cli/php.ini  
sed -i 's;/date.timezone =/date.timezone = "Europe/Brussels"/g'  
/etc/php/7.3/fpm/php.ini
```

## 7. Modifier également le timezone de la machine

```
timedatectl set-timezone Europe/Brussels
```

## 8. Editer le fichier de configuration mariadb

```
nano /etc/mysql/mariadb.conf.d/50-server.cnf
```

et rajouter les deux lignes suivantes dans la partie [mysqld]

```
innodb_file_per_table = 1  
lower_case_table_names = 0
```

A continuer: <https://docs.librenms.org/Installation/Install-LibreNMS/> PHP Timezone

From:

<https://wiki.makeitsimple.be/> - **makeITsimple** wiki

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Last update: **2021/06/20 09:42**

