

Crée une machine avec :

-ssh
-sudo
-unzip

Ajouter un deuxième disque :

Lsblk → pour voir les disque
mkfs -t ext4 /dev/sdb → formater le deuxième disque
mkdir -p /mnt/disk2 → Crée le répertoire d'accès au deuxième disque
sudo mount -t auto /dev/sdb /mnt/disk2 → définit l'accès au deuxième disque dans /mnt/disk2

Installer Docker et Docker Compose :

```
apt install curl -y  
curl -fsSL https://get.docker.com | sh
```

Télécharger le Service de librenms:

```
mkdir librenms  
cd librenms  
wget https://github.com/librenms/docker/archive/refs/heads/master.zip  
unzip master.zip  
cd docker-master/examples/compose
```

Modifier le fichier compose.yaml :

#dans volumes : mettre le répertoire des données avant le ./ est laissé le :

YAML :

```
name: librenms
```

```
services:
```

```
db:
```

```
image: mariadb:10.5
```

```
container_name: librenms_db
```

command:

- "mysqld"
- "--innodb-file-per-table=1"
- "--lower-case-table-names=0"
- "--character-set-server=utf8mb4"
- "--collation-server=utf8mb4_unicode_ci"

volumes:

- "/datanms/db:/var/lib/mysql"

environment:

- "TZ=\${TZ}"
- "MYSQL_ALLOW_EMPTY_PASSWORD=yes"
- "MYSQL_DATABASE=\${MYSQL_DATABASE}"
- "MYSQL_USER=\${MYSQL_USER}"
- "MYSQL_PASSWORD=\${MYSQL_PASSWORD}"

restart: always

redis:

image: redis:5.0-alpine

container_name: librenms_redis

volumes:

- "/datanms/data:/data"

environment:

- "TZ=\${TZ}"

restart: always

msmtpd:

image: crazymax/msmtpd:latest

container_name: librenms_msmtpd

env_file:

- "./msmtpd.env"

restart: always

librenms:

image: librenms/librenms:latest

container_name: librenms

hostname: librenms

cap_add:

- NET_ADMIN

- NET_RAW

ports:

- target: 8000

published: 8000

protocol: tcp

depends_on:

- db

- redis

- msmtpd

volumes:

- "/datanms/data:/data"

env_file:

- "/librenms.env"

environment:

- "TZ=\${TZ}"

- "PUID=\${PUID}"

- "PGID=\${PGID}"

- "DB_HOST=db"

- "DB_NAME=\${MYSQL_DATABASE}"

- "DB_USER=\${MYSQL_USER}"

- "DB_PASSWORD=\${MYSQL_PASSWORD}"

- "DB_TIMEOUT=60"

restart: always

dispatcher:

image: librenms/librenms:latest

container_name: librenms_dispatcher

hostname: librenms-dispatcher

cap_add:

- NET_ADMIN

- NET_RAW

depends_on:

- librenms

- redis

volumes:

- "/datanms/data:/data"

env_file:

- "./librenms.env"

environment:

- "TZ=\${TZ}"

- "PUID=\${PUID}"

- "PGID=\${PGID}"

- "DB_HOST=db"

- "DB_NAME=\${MYSQL_DATABASE}"

- "DB_USER=\${MYSQL_USER}"

- "DB_PASSWORD=\${MYSQL_PASSWORD}"

- "DB_TIMEOUT=60"

- "DISPATCHER_NODE_ID=dispatcher1"

- "SIDECAR_DISPATCHER=1"

restart: always

syslogng:

image: librenms/librenms:latest

container_name: librenms_syslogng

hostname: librenms-syslogng

cap_add:

- NET_ADMIN
- NET_RAW

depends_on:

- librenms
- redis

ports:

- target: 514
published: 514
protocol: tcp
- target: 514
published: 514
protocol: udp

volumes:

- "/datanms/data:/data"

env_file:

- "/librenms.env"

environment:

- "TZ=\${TZ}"
- "PUID=\${PUID}"
- "PGID=\${PGID}"
- "DB_HOST=db"
- "DB_NAME=\${MYSQL_DATABASE}"
- "DB_USER=\${MYSQL_USER}"
- "DB_PASSWORD=\${MYSQL_PASSWORD}"
- "DB_TIMEOUT=60"
- "SIDECAR_SYSLOGNG=1"

restart: always

snmptrapd:

image: librenms/librenms:latest

container_name: librenms_snmptrapd

hostname: librenms-snmptrapd

cap_add:

- NET_ADMIN
- NET_RAW

depends_on:

- librenms
- redis

ports:

- target: 162
published: 162
protocol: tcp
- target: 162
published: 162
protocol: udp

volumes:

- "/datanms/data:/data"

env_file:

- "./librenms.env"

environment:

- "TZ=\${TZ}"
- "PUID=\${PUID}"
- "PGID=\${PGID}"
- "DB_HOST=db"
- "DB_NAME=\${MYSQL_DATABASE}"
- "DB_USER=\${MYSQL_USER}"
- "DB_PASSWORD=\${MYSQL_PASSWORD}"
- "DB_TIMEOUT=60"
- "SIDECAR_SNMPTRAPD=1"

restart: always