

# Percona MySQL Server 8

## Встановлення Percona MySQL Server 8 на Debian 12

### Отримуємо репозиторій і встановлюємо його

```
apt install curl
curl -O https://repo.percona.com/apt/percona-release_latest.generic_all.deb
apt install gnupg2 lsb-release -y
apt install ./percona-release_latest.generic_all.deb
```

### Встановлюємо сервер

Для версії percona 8.0

```
percona-release enable-only ps-80 release
apt update
apt install percona-server-server percona-server-client
```

В процесі встановлення буде запропоновано встановити пароль для користувача root, я на цьому етапі встановлюю пароль також root, після чого його зміню сам.

\* Percona Server is distributed with several useful UDF (User Defined Function) from Percona Toolkit. \* Run the following commands to create these functions:

```
mysql -e "CREATE FUNCTION fnv1a_64 RETURNS INTEGER SONAME 'libfnv1a_udf.so'"
mysql -e "CREATE FUNCTION fnv_64 RETURNS INTEGER SONAME 'libfnv_udf.so'"
```

```
mysql -e "CREATE FUNCTION murmur_hash RETURNS INTEGER SONAME 'libmurmur_udf.so'"
```

\* See [http://www.percona.com/doc/percona-server/8.0/management/udf\\_percona\\_toolkit.html](http://www.percona.com/doc/percona-server/8.0/management/udf_percona_toolkit.html) for more details

## При необхідності встановлюємо утиліти percona-toolkit

```
percona-release enable tools release  
apt update  
apt install percona-toolkit percona-xtrabackup-80 sysbench
```

Стартуємо сервер MySQL

```
root@db ~ # service mysql start
```

## Datadir

```
mkdir -p /mysql_data/data/  
  
[mysqld]  
datadir                = /mysql_data/data/  
# logs  
log_bin                = /mysql_data/log/binlog  
relay_log              = /mysql_data/log/relaylog  
relay_log_index        = /mysql_data/log/relaylog.index  
binlog_expire_logs_seconds = 604800 # 7 days  
max_binlog_size        = 100M  
relay_log_recovery     = on  
master_info_repository = 'TABLE'  
relay_log_info_repository = 'TABLE'
```

```
systemctl stop mysql
rsync -auxHAXSv --chown=mysql:mysql /var/lib/mysql/* /mysql_data/data/
systemctl start mysql
```

## PMM

### pmm Server

<https://docs.percona.com/percona-monitoring-and-management/setting-up/server/docker.html#run>

<https://forums.percona.com/t/after-upgrade-pmm2-container-fails-to-start-with-fatal-glibc-error-cpu-does-not-support-x86-64-v2/24059>

<https://percona.community/blog/2023/01/16/setting-up-pmm-for-monitoring-your-databases-on-windows/>

<https://forums.percona.com/t/pmm-server-inside-docker-with-host-nginx-proxy-pass-and-client-connection/30989/10>

### pmm client

```
percona-release enable pmm2-client release
apt-get update
apt install -y pmm2-client
```

```
pmm-admin config --server-insecure-tls --server-url=https://admin:admin@172.16.0.21:8443
```

```
mysql -u root -proot
```

```
CREATE USER 'pmm'@'127.0.0.1' IDENTIFIED BY 'Pmm_clien210-' WITH MAX_USER_CONNECTIONS 10;
GRANT SELECT, PROCESS, REPLICATION CLIENT, RELOAD, BACKUP_ADMIN ON *.* TO 'pmm'@'127.0.0.1';
FLUSH PRIVILEGES;
```

```
pmm-admin add mysql --server-insecure-tls --server-url=https://admin:admin@172.16.0.21:8443 --username=pmm --password=Pmm_clien210-
```

From:

<https://ndp.pp.ua/> - my NoDeny Wiki

Permanent link:

<https://ndp.pp.ua/doku.php/debian/percona8>

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