

Using percona yum repository : (CentOS Stream 9)

#sudo dnf install https://repo.percona.com/yum/percona-release-latest.noarch.rpm

```
[root@localhost ~]# sudo dnf install https://repo.percona.com/yum/percona-release-latest.noarch.rpm
Last metadata expiration check: 1100105 ago on Friday 24 October 2023 03:15:10 PM.
percona-release-latest.noarch.rpm
Dependencies resolved.
================================================================================
Package                                Architecture      Version            Repository          Size
-----
Installing:
percona-release                        noarch            1.0-32            #commandline        28 k
Transaction Summary
-----
Install 1 Package
Total size: 28 k
Installed size: 50 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing                : percona-release-1.0-32.noarch                1/1
  Running scriptlet: percona-release-1.0-32.noarch                1/1
  * Enabling the Percona Release repository
  <*> All done!
  * Enabling the Percona Telemetry repository
  <*> All done!
  * Enabling the PMM Client repository
  <*> All done!
The percona-release package now contains a percona-release script that can enable additional repositories for our newer products.
Note: currently there are no repositories that contain Percona products or distributions enabled. We recommend you to enable Percona Distribution repositories instead of individual product repositories, because with the Distribution you will get not only the database itself but also a set of other components that will help you work with your database.
For example, to enable the Percona Distribution for MySQL 8.0 repository use:
    percona-release setup pds8.0
Note: To avoid conflicts with older product versions, the percona-release setup command may disable our original repository for some products.
For more information, please visit:
    https://docs.percona.com/percona-software-repositories/percona-release.html
Verifying                : percona-release-1.0-32.noarch                1/1
Installed:
percona-release-1.0-32.noarch
Complete!
[root@localhost ~]#
```

Enable the appropriate repository for XtraBackup tools. For example:

#sudo percona-release enable-only tools release

```
[root@localhost ~]# sudo percona-release enable-only tools release
* Disabling all Percona Repositories
* Enabling the Percona Tools repository
<*> All done!
[root@localhost ~]#
```

**Note:** If you only need XtraBackup (not full Percona Server etc), enabling “tools” repository is enough.

Install the XtraBackup package. If you’re targeting version 8.0 (for MySQL 8.x), the package may be named percona-xtrabackup-80. Example:

#sudo dnf install percona-xtrabackup-80

```
[root@localhost ~]# sudo dnf install percona-xtrabackup-80
Percona Release release/noarch YUM repository
Percona Telemetry release/x86_64 YUM repository
Percona Tools release/x86_64 YUM repository
Dependencies resolved.
================================================================================
Package                                Architecture      Version            Repository          Size
-----
Installing:
percona-xtrabackup-80                  x86_64            8.0.35-31.1.el9    tools-release-x86_64 37 M
Installing dependencies:
mariadb-connector-c                    x86_64            3.2.6-1.el9        appstream           149 k
perl-DBD-MySQL                         x86_64            4.050-13.el9        appstream           147 k
Transaction Summary
-----
Install 3 Packages
Total download size: 37 M
Installed size: 39 M
Is this ok [y/N]: y
```

Press Y

```
Downloading Packages:
(1/3): perl-DBD-MySQL-4.050-13.el9.x86_64.rpm                130 kB/s | 147 kB    00:01
(2/3): mariadb-connector-c-3.2.6-1.el9.x86_64.rpm            4.6 MB/s | 159 kB    00:01
(3/3): percona-xtrabackup-80-8.0.35-31.1.el9.x86_64.rpm      4.6 MB/s | 37 MB     00:07
Total                                                         4.2 MB/s | 37 MB     00:08
Percona Tools release/x86_64 YUM repository
Importing GPG key 0x8507EFA3:
  Userid : "Percona Development Team (Packaging key) <info@percona.com>"
  Fingerprint: 0D1B B23D 63D9 8242 2B21 13B1 9334 A25F 8507 EFA3
  Pkcs11 : /etc/pki/srpm-gpg/PERCONA-PACKAGING-KEY
Is this ok [y/N]: y
```

Press Y

```

key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : mariadb-connector-o-3.2.6-1.el9.x86_64
  Installing     : perl-DBD-MySQL-4.050-13.el9.x86_64
  Installing     : percona-xtrabackup-80-8.0.35-31.1.el9.x86_64
  Running scriptlet: percona-xtrabackup-80-8.0.35-31.1.el9.x86_64
  Verifying      : mariadb-connector-o-3.2.6-1.el9.x86_64
  Verifying      : perl-DBD-MySQL-4.050-13.el9.x86_64
  Verifying      : percona-xtrabackup-80-8.0.35-31.1.el9.x86_64
Installed:
  mariadb-connector-o-3.2.6-1.el9.x86_64                percona-xtrabackup-80-8.0.35-31.1.el9.x86_64                perl-DBD-MySQL-4.050-13.el9.x86_64

Complete!
[root@localhost ~]#

```

Verify installation:

**#xtrabackup --version**

```

[root@localhost ~]# xtrabackup --version
2025-10-24T17:06:23.823947+05:30 0 [Note] [MY-011825] [Xtrabackup] recognized server arguments: --datadir=/var/lib/mysql
xtrabackup version 8.0.35-31 based on MySQL server 8.0.35 Linux (x86_64) (revision id: 55ec21d7)
[root@localhost ~]#

```

You should get confirmation of version and build.

If you intend to use compression algorithms like LZ4 or ZSTD in backups, install those tools too:

**#sudo dnf install lz4 zstd**

```

[root@localhost ~]# sudo dnf install lz4 zstd
Last metadata expiration check: 9:11:14 ago on Friday 24 October 2025 05:01:35 PM.
Package lz4-1.9.3-5.el9.x86_64 is already installed.
Dependencies resolved.

```

Package	Architecture	Version	Repository	Size
Installing:				
lz4	x86_64	1.9.3-5.el9	baseos	59 K

```

Transaction Summary
Install 1 Package

Total download size: 59 K
Installed size: 113 K
Is this ok [y/N]:

```

Press Y

```

Installing Packages!
(MIRROR) lz4-1.9.3-5.el9.x86_64.rpm: Status code: 403 for http://mirror.pz.kz/centos-stream/9-stream/BaseOS/x86_64/os/Packages/lz4-1.9.3-5.el9.x86_64.rpm (IP: 195.210.46.141)
lz4-1.9.3-5.el9.x86_64.rpm
(MIRROR) lz4-1.9.3-5.el9.x86_64.rpm: Curl error (60): SSL peer certificate or SNI remote key was not ok for https://mirror.pz.kz/centos-stream/9-stream/BaseOS/x86_64/os/Packages/lz4-1.9.3-5.el9.x86_64.rpm [SSL certificate problem: self-signed certificate in certificate chain]
lz4-1.9.3-5.el9.x86_64.rpm
Total
38 KB/s | 59 KB 00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : lz4-1.9.3-5.el9.x86_64
  Installing     : lz4-1.9.3-5.el9.x86_64
  Running scriptlet: lz4-1.9.3-5.el9.x86_64
  Verifying      : lz4-1.9.3-5.el9.x86_64
Installed:
  lz4-1.9.3-5.el9.x86_64

Complete!
[root@localhost ~]#

```

Post-installation checks & tips

Run `ldd $(which xtrabackup) | grep "not found"` to ensure there are no missing libraries.

Check that the percona-release repo file is set up correctly:

`cat /etc/yum.repos.d/percona-release.repo`

```

xtrabackup --backup \
--target-dir=/Percona_Backup/full_2025-10-24 \
--user=root --password='*****'

```

Note : while taking backup I got error

Unsupported server version: '8.4.4'

This version of Percona XtraBackup can only perform backups and restores against MySQL 8.0 and Percona Server 8.0

Problem 1: Perl English module missing

Fix it :

**#sudo dnf install perl-English -y**

**Note :** (For Ubuntu users, the command would be `sudo apt install libperl4-corelibs-perl.`)

## ⚠ Problem 2: MySQL version not supported

This is the main blocker.

Your MySQL server version is:

```
arduino
```

```
MySQL Community Server 8.4.4
```

But your Percona XtraBackup version (8.0.35-31) only supports:

- MySQL 8.0.x
- Percona Server 8.0.x

It does not yet support MySQL 8.4 (the new MySQL Innovation Series).

### 1 Installing Percona XtraBackup on Ubuntu

#### ✔ Supported Ubuntu versions:

Percona officially supports:

Ubuntu 22.04 (Jammy)

Ubuntu 20.04 (Focal)

Ubuntu 18.04 (Bionic)

(If you're using 22.04 or 24.04, the same process works.)

#### Step-by-Step Installation

##### 1. Update packages

```
sudo apt update && sudo apt upgrade -y
```

##### 2. Add the Percona APT repository

```
wget https://repo.percona.com/apt/percona-release_latest.generic_all.deb
```

```
sudo dpkg -i percona-release_latest.generic_all.deb
```

### 3. Enable the correct repo for XtraBackup

For MySQL 8.x (most common):

```
sudo percona-release enable-only tools release
```

For older MySQL 5.7 systems:

```
sudo percona-release enable-only tools release
```

Note : (It will still pick the right version automatically.)

##### 4. Install XtraBackup

```
sudo apt update
```

```
sudo apt install percona-xtrabackup-80 -y
```

##### 5. Verify the installation

```
xtrabackup --version
```

Output : xtrabackup version 8.0.x based on MySQL 8.0.x

Summary :

Task	CentOS Stream 9	Ubuntu 22.04+
Package Manager	dnf	apt
Repo Package	percona-release-latest.noarch.rpm	percona-release_latest.generic_all.deb
Install Command	sudo dnf install percona-xtrabackup-80	sudo apt install percona-xtrabackup-80
Compression Tools	sudo dnf install lz4 zstd	sudo apt install lz4 zstd
Scripts / Backups	✔ Same scripts work	✔ Same scripts work
Cron Scheduling	✔ Same syntax	✔ Same syntax

