Using percona yum repository : (CentOS Stream 9)
#sudo dnf install https://repo.percona.com/yum/percona-release-latest.noarch.rpm

Enable the appropriate repository for XtraBackup tools. For example:
#sudo percona-release enable-only tools release

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

Press Y

Press Y

```
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                                                                    1/1
  Installing       : mariadb-connector-c-3.2.6-1.el9.x86_64                                                             1/3
  Installing       : perl-DBD-MySQL-4.050-13.el9.x86_64                                                                 2/3
  Installing       : percona-xtrabackup-80-8.0.35-31.1.el9.x86_64                                                       3/3
  Running scriptlet: percona-xtrabackup-80-8.0.35-31.1.el9.x86_64                                                       3/3
  Verifying        : mariadb-connector-c-3.2.6-1.el9.x86_64                                                             1/3
  Verifying        : perl-DBD-MySQL-4.050-13.el9.x86_64                                                                 2/3
  Verifying        : percona-xtrabackup-80-8.0.35-31.1.el9.x86_64                                                       3/3

Installed:
  mariadb-connector-c-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: 0:11:14 ago on Friday 24 October 2025 05:01:35 PM.
Package zstd-1.5.5-1.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

```
Downloading Packages:
[MIRROR] lz4-1.9.3-5.el9.x86_64.rpm: Status code: 403 for http://mirror.ps.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                                     116% [==============================================-] 530 kB/s |  68 k
[MIRROR] lz4-1.9.3-5.el9.x86_64.rpm: Curl error (60): SSL peer certificate or SSH remote key was not OK for https://mirror.ps.kz/centos-stream/9-stream/BaseOS/x86_64/os/Packages/lz4-1.9.3-5.el9.x86_64.rpm [SSL certificate problem: self-s
igned certificate in certificate chain]
lz4-1.9.3-5.el9.x86_64.rpm                                                                                       38 kB/s |  59 kB    00:01
------------------------------------------------------------------------------------------------------------------------------
Total                                                                                                            37 kB/s |  59 kB    00:01
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                                                                    1/1
  Installing       : lz4-1.9.3-5.el9.x86_64                                                                             1/1
  Running scriptlet: lz4-1.9.3-5.el9.x86_64                                                                             1/1
  Verifying        : lz4-1.9.3-5.el9.x86_64                                                                             1/1

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

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