How To install Pg_repack In Linux
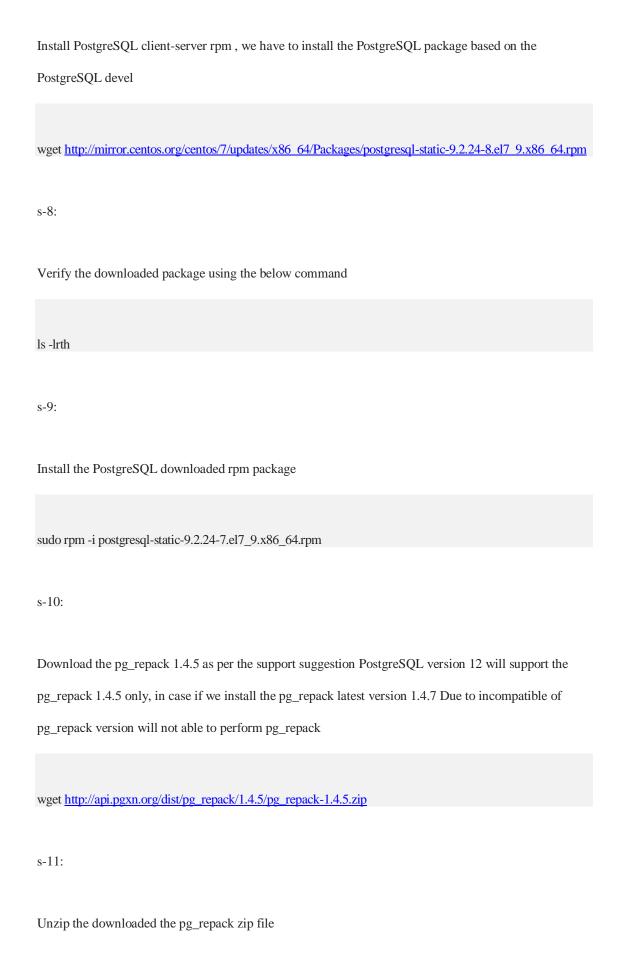
What is a Pg_repack?

- Pg_repack is an extension that was created and maintained as an open-source project by several authors.

- It removes the bloat from tables and indexes and optionally restores the physical order of clustered indexes.

Pg_repack Installation steps

s-1:

To verify the OS version

```
[ec2-user@ip-172–31–13–65 ~]$ cat /etc/os-release
```

s-2:

Switch as a root user and update existing packages

```
[root@ip-172-22-13-65 ~]# yum update -y
```

s-3:

Wget is a free and open-source software package for getting files using HTTP, HTTPS, and FTP Internet protocols.

```
[root@ip-172-22-13-65 ~]# yum install wget
```

s-4:

Switch into ec2-user and execute the below dependency libraries

- Readline-devel = Files needed to develop programs which use the readline library,

- OpenSSL= a toolkit for supporting cryptography.

```
sudo yum install readline-devel openssl-devel
```

s-5:

The PostgreSQL-devel package is designed for, PostgreSQL development header files and libraries.

```
sudo yum install postgresql-devel
```

s-6:

The GNU Compiler Collection (GCC) is a collection of compilers and libraries for C, C++, Objective-C, Fortran, Ada, Go , and D, programming languages. Many open-source projects including the GNU tools and the Linux kernel are compiled with GCC.

```
sudo yum install gcc
```

s-7:

Install PostgreSQL client-server rpm , we have to install the PostgreSQL package based on the

PostgreSQL devel

wget http://mirror.centos.org/centos/7/updates/x86_64/Packages/postgresql-static-9.2.24-8.el7_9.x86_64.rpm

s-8:

Verify the downloaded package using the below command

ls -lrth

s-9:

Install the PostgreSQL downloaded rpm package

sudo rpm -i postgresql-static-9.2.24-7.el7_9.x86_64.rpm

s-10:

Download the pg_repack 1.4.5 as per the support suggestion PostgreSQL version 12 will support the

pg_repack 1.4.5 only, in case if we install the pg_repack latest version 1.4.7 Due to incompatible of

pg_repack version will not able to perform pg_repack

wget http://api.pgxn.org/dist/pg_repack/1.4.5/pg_repack-1.4.5.zip

s-11:

Unzip the downloaded the pg_repack zip file

```
unzip pg_repack-1.4.5.zip
```

s-12:

once we did the unzip of the pg_repack just go to that directory below

```
cd pg_repack-1.4.5
```

s-13:

Execute the **make** command to Ensure no errors are reported.

```
make
```

s-14:

To verify the pg_repack version

```
cd bin./pg_repack --version
```