

PostgreSQL

Replication

Check from master

```
select * from pg_stat_replication;
```

Check from slave

```
select * from pg_stat_wal_receiver;
```

CentOS 7

PostgreSQL, also known as Postgres, is a free and open-source relational database management system emphasizing extensibility and SQL compliance.

Installation

source : <https://tecadmin.net/install-postgresql-11-on-centos/>

```
sudo yum install https://download.postgresql.org/pub/repos/yum/reporpms/EL-7-x86_64/pgdg-redhat-repo-latest.noarch.rpm
```

```
yum install postgresql${version}-server
```

```
/usr/pgsql-${version}/bin/postgresql-${version}-setup initdb
```

```
systemctl enable postgresql-${version}.service systemctl start postgresql-${version}.service
```

```
postgres=# \password postgres
```

Upgrade

<https://www.postgresql.org/docs/11/upgrading.html>

Minor version

1. Stopper le service postgresQL

```
$ systemctl stop postgresql-11.service
```

2. Faire un dump global

```
$ pg_dumpall > db.out
```

3. Upgrader la version de postgresQL

```
yum install postgresql11-${MINOR_VERSION}  
yum install postgresql11-server-11.11-1PGDG.rhel7
```

```
Show available minor version  
yum list postgresql11 --showduplicates
```

4. Initier la base de données

```
/usr/pgsql-${version}/bin/postgresql-${version}-setup initdb
```

5. Relancer le service

```
$ systemctl start postgresql-11.service
```

Effective MEP

```
service postgresql-11 stop  
cp -fra /mnt/data1/pgsql /mnt/data1/pgsql-old-20220510  
yum remove postgresql11  
yum install postgresql11-11.11-1PGDG.rhel7 postgresql11-server-11.11-1PGDG.rhel7 postgresql11-  
contrib-11.11-1PGDG.rhel7  
/usr/pgsql-11/bin/postgresql-11-setup initdb  
  
service postgresql-11 start
```

Major version (WIP)

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