

59. [] PostgreSQL

PostgreSQL

PostgreSQL v10.7 PostgreSQL v16.3

PostgreSQL

```
## AUD .
## : /AUDPlatform
## APP : AUD

# 1.
sudo apt update && sudo apt install -y build-essential libreadline-dev zlib1g-dev flex bison curl ca-
certificates gnupg lsb-release libicu-dev pkg-config libssl-dev

# 2. PostgreSQL
cd /AUDPlatform/apps
wget https://ftp.postgresql.org/pub/source/v16.3/postgresql-16.3.tar.gz
tar xzf postgresql-16.3.tar.gz && cd postgresql-16.3

# 3. PostgreSQL
./configure --prefix=/AUDPlatform/apps/pgsql16 --with-openssl --with-readline
make -j$(nproc)
sudo make install
chown -R AUD:AUD /AUDPlatform/apps/*

# 4. PostgreSQL
/AUDPlatform/apps/pgsql16/bin/initdb -D /AUDPlatform/apps/pg16 --username=postgres --pwfile=<(echo "postgres!!")

# 5. Start & Stop - 6. Backup & Dump
/AUDPlatform/apps/pgsql16/bin/pg_ctl -D /AUDPlatform/data/pg16 -l /AUDPlatform/logs/pg16.log start
# /AUDPlatform/apps/pgsql16/bin/pg_ctl -D /AUDPlatform/data/pg16 stop

# 6. Backup & Dump - , PostgreSQL (Password: postgres!!)
/AUDPlatform/apps/pgsql/bin/pg_dumpall -h localhost -U postgres -p 5433 -f /AUDPlatform/apps/pgsql16/bin/db.dmp
/AUDPlatform/apps/pgsql16/bin/psql -h localhost -U postgres -p 5432 -U postgres -d postgres -f /AUDPlatform/apps
/pgsql16/bin/db.dmp

##
## psql
## 'export LD_LIBRARY_PATH=/AUDPlatform/apps/pgsql/lib:$LD_LIBRARY_PATH'
/AUDPlatform/apps/pgsql16/bin/psql -h localhost -U postgres -p 5432 -U postgres -d postgres -c "GRANT ALL
PRIVILEGES ON DATABASE matrixdb TO matrix;"
/AUDPlatform/apps/pgsql16/bin/psql -h localhost -U postgres -p 5432 -U postgres -d postgres -c "ALTER DATABASE
matrixdb OWNER TO matrix;"

# 7.
## WAS, DB, META
/AUDPlatform/bin/commander.sh -k was
/AUDPlatform/bin/commander.sh -k meta
/AUDPlatform/bin/commander.sh -k db
/AUDPlatform/apps/pgsql16/bin/pg_ctl -D /AUDPlatform/data/pg16 stop
## DB
mkdir /AUDPlatform/apps/oldDB
mv /AUDPlatform/apps/pgsql /AUDPlatform/apps/oldDB/pgsql_old
mv /AUDPlatform/pgData /AUDPlatform/apps/oldDB/pgData_old
## DB
mv /AUDPlatform/apps/pgsql16 /AUDPlatform/apps/pgsql
mv /AUDPlatform/apps/pg16 /AUDPlatform/apps/pgData

# 8. DB
## postgresql.conf
vi /AUDPlatform/apps/pgData/postgresql.conf
#-----
listen_addresses = '*'
port = 5433
```

```
#-----  
  
## pg_hba.conf  
vi /AUDPlatform/apps/pgData/pg_hba.conf  
#-----  
# TYPE DATABASE USER ADDRESS METHOD  
# "local" is for Unix domain socket connections only  
local all all password  
# IPv4 local connections:  
host all all 127.0.0.1/32 password  
# IPv6 local connections:  
host all all ::1/128 password  
# Allow replication connections from localhost, by a user with the  
# replication privilege.  
local replication all password  
host replication all 127.0.0.1/32 password  
host replication all ::1/128 password  
host all all 0.0.0.0/0 password  
#-----  
  
# 9.  
/AUDPlatform/bin/commander.sh -s db  
/AUDPlatform/bin/commander.sh -s was  
/AUDPlatform/bin/commander.sh -s meta
```