**Create Postgres database and restore .sql file (backup file) with command with Dockerfile:**

init.sql

==================

CREATE USER postgres WITH PASSWORD '123qwe';

CREATE DATABASE gmta\_database

GRANT ALL PRIVILEGES ON DATABASE gmta\_database TO postgres;

DockerFile:

=============================

FROM postgres:latest

COPY init.sql /docker-entrypoint-initdb.d/

ENV POSTGRES\_USER postgres

ENV POSTGRES\_PASSWORD 123qwe

ENV POSTGRES\_DB docker\_pg

EXPOSE 5432

COPY gtma\_latest.sql /

VOLUME /var/lib/postgresql/data

Docker command:

==============================

docker build -t gmta-test-vol:1.0.0 . --for create docker iamge

docker run --name postgres-vol-doc -p 5459:5432 -d gmta-test-vol:1.0.0 --for create docker container

docker exec -i 8f45fa84d1e7 pg\_restore -U postgres -v -d docker\_pg < gtma\_latest.sql :--run pg\_restore

**Create Postgres database and restore .sql file (backup file) with command withdocker-compose:**

Docker-compose:

======================

version: '3'

services:

postgres:

build: ./

image: postgres

container\_name: postgres-sh

ports:

- "5466:5432"

environment:

- POSTGRES\_USER=postgres

- POSTGRES\_PASSWORD=123qwe

- POSTGRES\_DB=gtma

volumes:

- data:/var/lib/psotgresql/data

#command: pg\_restore -U postgres -d gtma /tmp/gtma\_latest.sql

volumes:

data:

Dockerfile:

=======================================

FROM postgres

COPY \*.sql /tmp/

COPY \*.sh /tmp/

RUN chmod a+r /tmp/\*

EXPOSE 5432

command

=================================

:docker-compose build

: docker-compose up -d

:docker-compose exec -T postgres pg\_restore -d gtma -U postgres <gtma\_latest.sql

**Create Postgres database with Dockerfile:**

Init.sql

CREATE USER postgres WITH PASSWORD '123qwe';

CREATE DATABASE gmta\_database

GRANT ALL PRIVILEGES ON DATABASE gmta\_database TO postgres;

**Dockerfile:**

FROM postgres:latest

COPY init.sql /docker-entrypoint-initdb.d/

ENV POSTGRES\_USER postgres

ENV POSTGRES\_PASSWORD 123qwe

ENV POSTGRES\_DB docker\_pg

VOLUME /var/lib/postgresql/data

**Create Postgres database with docker-compose:**

version: '3'

services:

postgres:

image: postgres:’atest

container\_name: postgres-container

ports:

- "5460:5432"

environment:

- LC\_ALL=C.UTF-8

- POSTGRES\_DB=docker-com

- POSTGRES\_USER=postgres

- POSTGRES\_PASSWORD=123qwe

**Create table using Dockerfile**

FROM postgres:latest

ENV POSTGRES\_USER postgres

ENV POSTGRES\_PASSWORD 123qwe

ENV POSTGRES\_DB docker\_pg

ADD DBScript10.3.sql /docker-entrypoint-initdb.d/

COPY DBScript10.3.sql /docker-entrypoint-initdb.d/

VOLUME /var/lib/postgresql/data