

The `Nautilus` application development team has shared that they are planning to deploy one newly developed application on `Nautilus` infra in `Stratos DC`. The application uses PostgreSQL database, so as a pre-requisite we need to set up PostgreSQL database server as per requirements shared below:

PostgreSQL database server is already installed on the `Nautilus` database server.

- a. Create a database user `kodecloud_sam` and set its password to `BruCStnMT5`.
- b. Create a database `kodecloud_db7` and grant full permissions to user `kodecloud_sam` on this database.

Note: Please do not try to restart PostgreSQL server service.

My Workflow

```
thor@jumphost ~$ ssh peter@stdb01
The authenticity of host 'stdb01 (172.16.239.10)' can't be established.
ED25519 key fingerprint is SHA256:kVaL5XbscEGPeCTkqbpUu0600rWpSgq6/glVMpvtV0c.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'stdb01' (ED25519) to the list of known hosts.
peter@stdb01's password:
[peter@stdb01 ~]$
[peter@stdb01 ~]$ sudo su - postgres

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.
```

```
[peter@stdb01 ~]$ sudo su - postgres

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.

[sudo] password for peter:
[postgres@stdb01 ~]$ psql
psql (13.14)
Type "help" for help.
```

Create the required user

Create the required database

Grant all privileges on the database to the user

```
postgres=# CREATE USER kodekloud_gem WITH PASSWORD 'dCV3szSGNA';
CREATE ROLE
postgres=# CREATE DATABASE kodekloud_db3;
CREATE DATABASE
postgres=# GRANT ALL PRIVILEGES ON DATABASE kodekloud_db3 TO kodekloud_ge
m;
GRANT
```

Verify

```
postgres=# \du
                                List of roles
Role name | Member of | Attributes
-----+-----+-----
kodekloud_gem | {} | 
postgres | Superuser, Create role, Create DB, Replication, Bypass RLS | {}
```

```
postgres=# \l
                                List of databases
Name | Owner | Encoding | Collate | Ctype | Access privileges
-----+-----+-----+-----+-----+-----
kodekloud_db3 | postgres | SQL_ASCII | C | C | =Tc/postgres
+-----+-----+-----+-----+-----+-----
stgres | | | | | postgres=CTc/po
+-----+-----+-----+-----+-----+-----
Tc/postgres | | | | | kodekloud_gem=C
postgres | postgres | SQL_ASCII | C | C | 
template0 | postgres | SQL_ASCII | C | C | =c/postgres
+-----+-----+-----+-----+-----+-----
stgres | | | | | postgres=CTc/po
+-----+-----+-----+-----+-----+-----
template1 | postgres | SQL_ASCII | C | C | =c/postgres
+-----+-----+-----+-----+-----+-----
stgres | | | | | postgres=CTc/po
```

