C:\Users\LENOVO>docker run -d --name greenplum -p 5432:5432 andruche/greenplum:6

f1da18b399a4129474ef507c1d81fd8ece745b9d4257b12081a91b63b6da38d6

C:\Users\LENOVO>docker ps

CONTAINER ID IMAGE COMMAND

CREATED STATUS PORTS

NAMES

f1da18b399a4 andruche/greenplum:6 "/entrypoint.sh"

24 seconds ago Up 23 seconds 0.0.0.0:5432->5432/t

cp greenplum

C:\Users\LENOVO>psql -h localhost -p 5432 -U gpadmin -d

postgres

'psql' is not recognized as an internal or external com

mand,

operable program or batch file.

C:\Users\LENOVO>

C:\Users\LENOVO>docker exec -it greenplum /bin/bash

[root@f1da18b399a4 opt]$ source /usr/local/greenplum-db

/greenplum\_path.sh

bash: /usr/local/greenplum-db/greenplum\_path.sh: No suc

h file or directory

[root@f1da18b399a4 opt]$ ^C

[root@f1da18b399a4 opt]$ ls /usr/local/

bin games include man share

etc gpdb lib sbin src

[root@f1da18b399a4 opt]$ source /usr/local/gpdb/greenpl

um\_path.sh

[root@f1da18b399a4 opt]$ psql -d postgres -U gpadmin

psql: FATAL: Peer authentication failed for user "gpad

min"

[root@f1da18b399a4 opt]$ cat /etc/passwd | grep gpadmin

gpadmin:x:1000:1000::/home/gpadmin/:/bin/bash

[root@f1da18b399a4 opt]$ su - gpadmin

[gpadmin@f1da18b399a4 ~]$ psql -d postgres

psql (9.4.26)

Type "help" for help.

postgres=# \l

List of databases

Name | Owner | Encoding | Collate | Ctype

| Access privileges

-----------+---------+----------+------------+---------

---+---------------------

postgres | gpadmin | UTF8 | en\_US.utf8 | en\_US.ut

f8 |

template0 | gpadmin | UTF8 | en\_US.utf8 | en\_US.ut

f8 | =c/gpadmin +

| | | |

--More—

**Next Steps for Demonstration**

Now that Greenplum is running, you can:

1️⃣ **Run SQL commands**

bash

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psql -d postgres

Then, try listing databases:

sql

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\l

2️⃣ **Create a new database**

sql

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CREATE DATABASE testdb;

3️⃣ **Switch to the new database**

sql

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\c testdb;

4️⃣ **Create a table**

sql

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CREATE TABLE employees (

id SERIAL PRIMARY KEY,

name TEXT,

age INT,

department TEXT

);

5️⃣ **Insert sample data**

sql

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INSERT INTO employees (name, age, department) VALUES

('Alice', 30, 'HR'),

('Bob', 25, 'Engineering'),

('Charlie', 40, 'Finance');

6️⃣ **Retrieve data**

sql

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SELECT \* FROM employees;

7️⃣ **Exit psql**

sql

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\q

Let me know if you need any adjustments for your demonstration! 🚀