# Connecting and Navigating around

Last updated by | Lisa Liu | Nov 6, 2020 at 10:35 AM PST

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## Connecting and Navigating around

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10:58 AM

### Connecting to Server

Connect to a PostgreSQL server with psql

```
psql -h server.postgres.database.azure.com -p 5432 -U user@server -W -d DatabaseName
```

```
C:\Program Files (x86)\pgAdmin 4\v3\runtime>psql -h bahusse.postgres.database.azure.com -U bahusse@bahusse -p 5432 -d postgres
Password for user bahusse@bahusse:
psql (10.5, server 9.6.12)
WARNING: Console code page (437) differs from Windows code page (1252)
        8-bit characters might not work correctly. See psql reference
        page "Notes for Windows users" for details.
SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-GCM-SHA384, bits: 256, compression: off)
Type "help" for help.

postgres=>
```

### Viewing and Changing Databases

To view all the databases on the server, run the following command

```
postgres=> \l
```

```
                                              List of databases

   Name    |     Owner       | Encoding |         Collate           |           Ctype           |         Access privileges

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

 postgres  | azure_superuser | UTF8     | English_United States.1252 | English_United States.1252 |
 template0 | azure_superuser | UTF8     | English_United States.1252 | English_United States.1252 | =c/azure_superuser              +
           |                 |          |                           |                           | azure_superuser=CTc/azure_superuser
 template1 | azure_superuser | UTF8     | English_United States.1252 | English_United States.1252 | =c/azure_superuser              +
           |                 |          |                           |                           | azure_superuser=CTc/azure_superuser
 testdb    | nilop           | UTF8     | English_United States.1252 | English_United States.1252 |

(4 rows)
```

To select a database, you must change the connection to the DB and will prompt for your password but not need to provide all the other connection settings.\l\c

```
postgres=> \c testdb

Password for user nilop@nilop-sc-postgresql:

psql (9.5.6, server 9.6.2)

WARNING: psql major version 9.5, server major version 9.6.

        Some psql features might not work.

SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-SHA384, bits: 256, compression: off)

You are now connected to database "testdb" as user "nilop@nilop-sc-postgresql".

testdb=>
```

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