opentext™

Vertica : Connecting to the Vertica Database

Connecting to the Vertica Database

- Admintools

- Vsql

- Tools like Dbeaver/DBVisualizer.
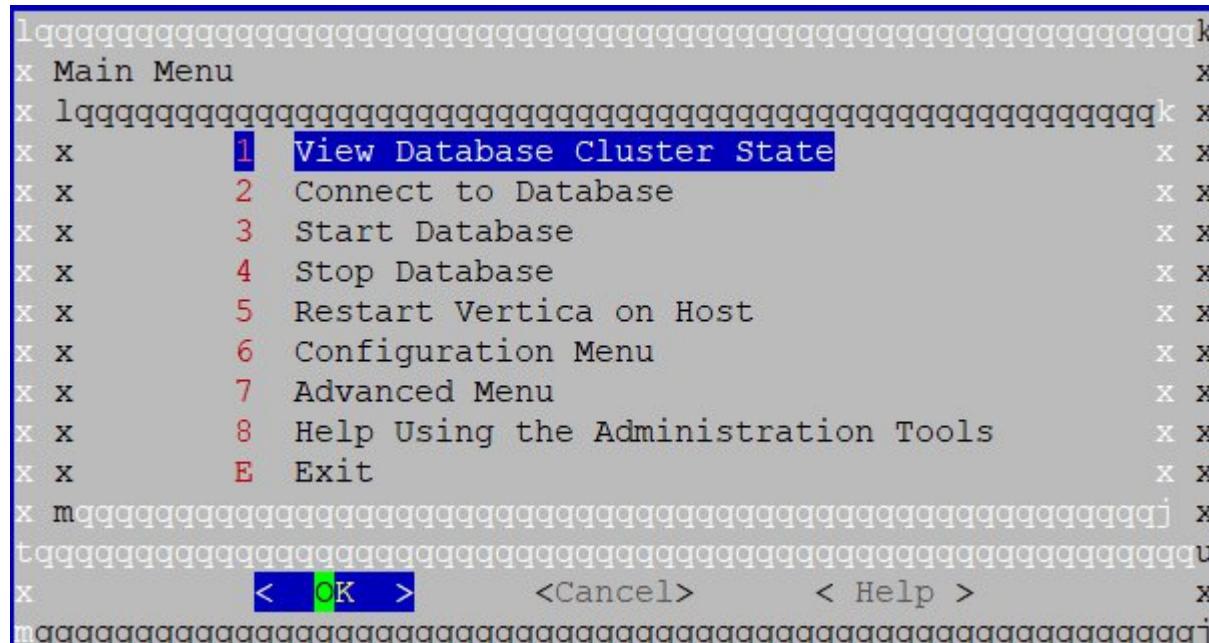
VERTICA
by **opentext**™

Admintools

Admintools

- As the dbadmin user, you can run administration tools. /opt/vertica/bin/admintools

```
lqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
x Main Menu                                              x
x lqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk x
x x        1  View Database Cluster State          x x
x x        2  Connect to Database                  x x
x x        3  Start Database                       x x
x x        4  Stop Database                        x x
x x        5  Restart Vertica on Host              x x
x x        6  Configuration Menu                   x x
x x        7  Advanced Menu                        x x
x x        8  Help Using the Administration Tools  x x
x x        E  Exit                                 x x
x mqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj x
tqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqu
x       <  OK  >        <Cancel>      < Help >         x
mqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
```

Admintools - Tasks

- View database cluster state

- Connect to database

- Start database (including manual recovery)

- Stop database

- Replace node (assuming node that is down is the one being replaced)

- View database parameters

- Upgrade license key

- Distribute config files

opentext™

Admintools - Tasks

- Create database
- Run the Database Designer
- Set restart policy
- Roll back database to Last Good Epoch

opentext™

VERTICA
by **opentext**™

Getting acquainted with Vsql Meta commands

Vsql Meta commands

1. \? Or \h
   Displays help information about all meta-commands.

2. \a
   Toggles output format alignment.

3. \C ['title-str']
   Sets a title title-str that precedes query result output.

4. \timing
   If set to on, returns how long (in milliseconds) each SQL statement runs.

5. \x
   Toggles between regular and expanded format.

Vsql Meta commands

6. \set

   Sets internal variable *var* to *value*.

7. \echo [str]

   Writes *str* to standard output.

8. \l or \list

   Lists available databases and owners.

9. \i file

   Reads and executes input from filename.

10. \o [file-name]

   Controls where vsql directs query output.

Vsql Meta commands

11. \password [user-name]

    Starts the password change process. Superusers can specify a username to change that user's password; otherwise, users can only change their own passwords.

12. \pset format html or \H

Changes the output format to HTML.

opentext™