

Conhecendo o PostgreSQL

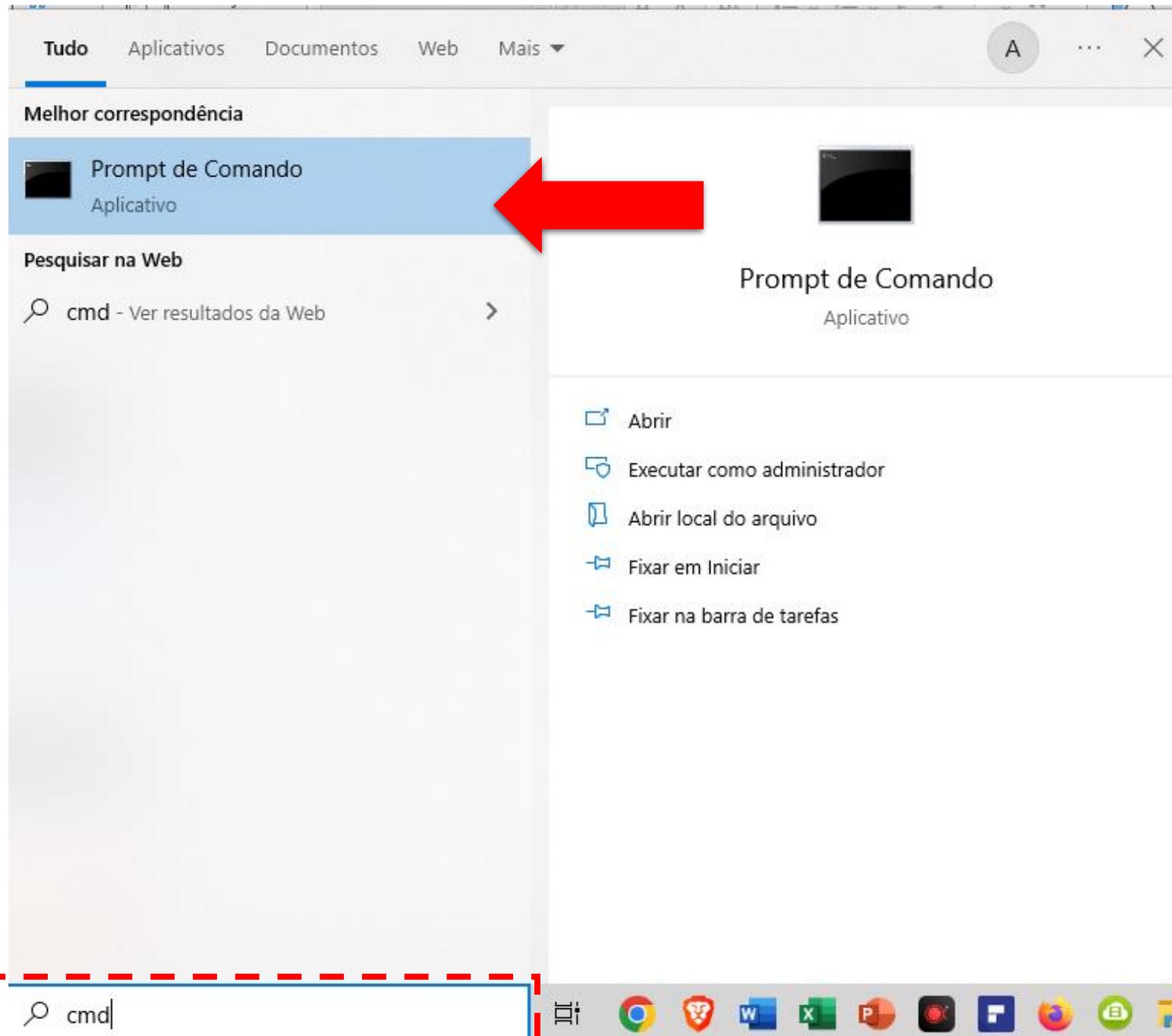
14.5

Aula 2

```
mirror_mod = modifier_ob.  
set mirror object to mirror.  
mirror_mod.mirror_object  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
print("please select exactly  
-- OPERATOR CLASSES ----  
types.Operator):  
on X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
context):  
context.active_object is not
```

```
SQL Shell (psql)  
Server [localhost]:  
Database [postgres]:  
Port [5432]:  
Username [postgres]:  
Password for user postgres:  
psql (12.3)  
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.  
Type "help" for help.  
postgres=# select version();  
                version  
-----  
 PostgreSQL 12.3, compiled by Visual C++ build 1914, 64-bit  
(1 row)  
postgres=#
```

Interface pelo prompt



Testando o psql no cmd

 Prompt de Comando

```
Microsoft Windows [versão 10.0.19044.2251]  
(c) Microsoft Corporation. Todos os direitos reservados.
```

```
C:\Users\aftra> psql  
'psql' não é reconhecido como um comando interno  
ou externo, um programa operável ou um arquivo em lotes.
```

```
C:\Users\aftra>_
```

Configurar variável de ambiente

The screenshot shows a Windows File Explorer window with the address bar path: `Este Computador > T110705000D (C:) > Arquivos de Programas > PostgreSQL > 14 > bin`. The left sidebar shows the folder structure, with 'bin' selected. The main pane displays a list of files and folders:

Nome	Data de modificação	Tipo	Tamanho
pg_regress.exe	09/08/2022 03:05	Aplicativo	116 KB
pg_regress_ecpg.exe	09/08/2022 03:05	Aplicativo	117 KB
pg_resetwal.exe	09/08/2022 03:05	Aplicativo	104 KB
pg_restore.exe	09/08/2022 03:05	Aplicativo	214 KB
pg_rewind.exe	09/08/2022 03:05	Aplicativo	162 KB
pg_test_fsync.exe	09/08/2022 03:05	Aplicativo	82 KB
pg_test_timing.exe	09/08/2022 03:05	Aplicativo	71 KB
pg_upgrade.exe	09/08/2022 03:05	Aplicativo	183 KB
pg_verifybackup.exe	09/08/2022 03:05	Aplicativo	121 KB
pg_waldump.exe	09/08/2022 03:05	Aplicativo	132 KB
pgbench.exe	09/08/2022 03:05	Aplicativo	206 KB
postgres.exe	09/08/2022 03:05	Aplicativo	7.538 KB
<input checked="" type="checkbox"/> psql.exe	09/08/2022 03:05	Aplicativo	561 KB
reindexdb.exe	09/08/2022 03:05	Aplicativo	109 KB
stackbuilder.exe	09/08/2022 03:05	Aplicativo	437 KB
<input type="checkbox"/> vacuumdb.exe	09/08/2022 03:05	Aplicativo	111 KB
vacuumlo.exe	09/08/2022 03:05	Aplicativo	73 KB
wxbase313u_vc_x64_custom.dll	09/08/2022 03:05	Extensão de aplica...	2.526 KB
wxbase313u_xml_vc_x64_custom.dll	09/08/2022 03:05	Extensão de aplica...	171 KB

Faça:

The image shows a sequence of steps to reach the System Environment Variables settings in Windows. It starts with the Start menu search bar containing the text "Digite aqui para pesquisa". A red dashed box highlights the "Configurações" (Settings) icon. The Settings app is then shown with a red dashed box around the "Sistema" (System) category, which includes "Tela, som, notificações, energia". The "Dispositivos" (Devices) category is also shown with a red dashed box. The "Configurações" app is then shown with a red dashed box around the search bar containing the text "variáveis". A red dashed box highlights the search results, specifically the option "Editar as variáveis de ambiente do sistema".

Configurações

Desligar

Digite aqui para pesquisa

Sistema
Tela, som, notificações, energia

Aplicativos
Desinstalar, padrões, recursos opcionais

Pesquisar
Localizar meus arquivos, permissões

Dispositivos
Bluetooth, impressoras

Contas
Suas contas, email, sincronização, trabalho

Privacidade
Localização, câmera, m

Configurações

Início

variáveis

Editar as variáveis de ambiente do sistema

Editar as variáveis de ambiente para sua conta

Som

Tela

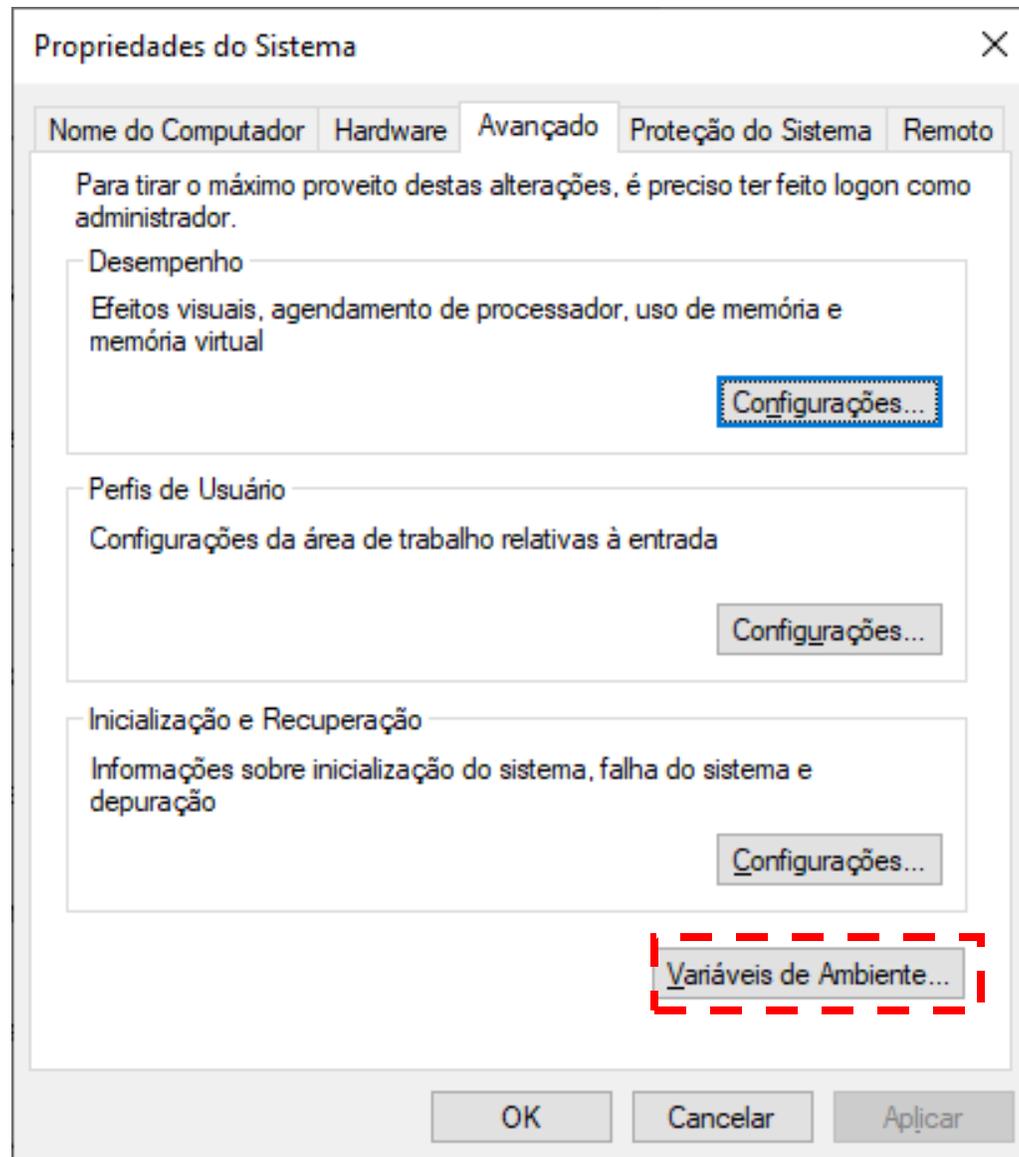
Brilho e c

Alterar o bri

Luz noturna

De

Configuraçõ



Variáveis de Ambiente



Variáveis de usuário para aftra

Variável	Valor
OneDrive	C:\Users\aftra\OneDrive
OneDriveConsumer	C:\Users\aftra\OneDrive
Path	C:\Users\aftra\AppData\Local\Microsoft\WindowsApps;
TEMP	C:\Users\aftra\AppData\Local\Temp
TMP	C:\Users\aftra\AppData\Local\Temp

Novo... Editar... Excluir

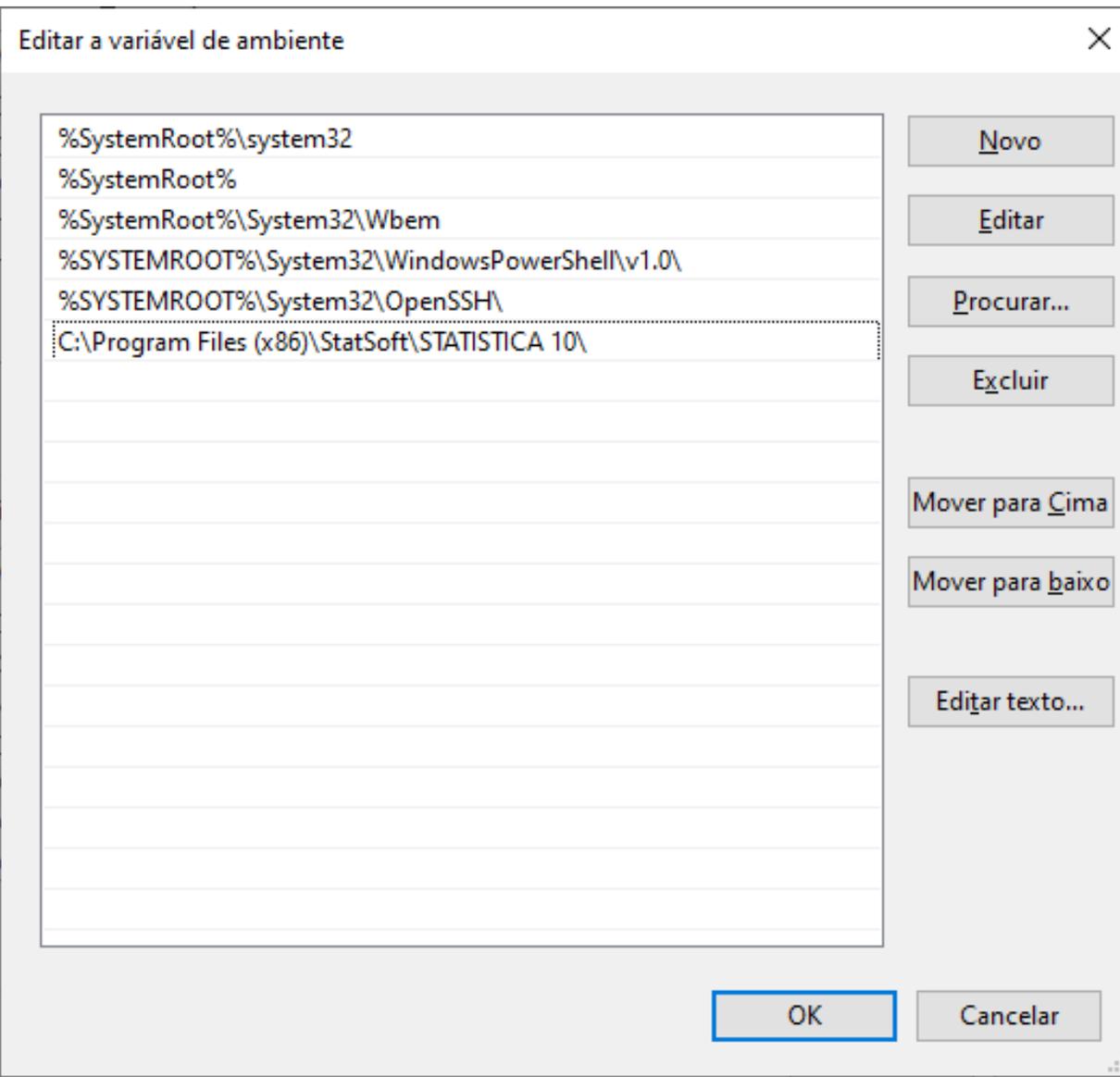
Variáveis do sistema

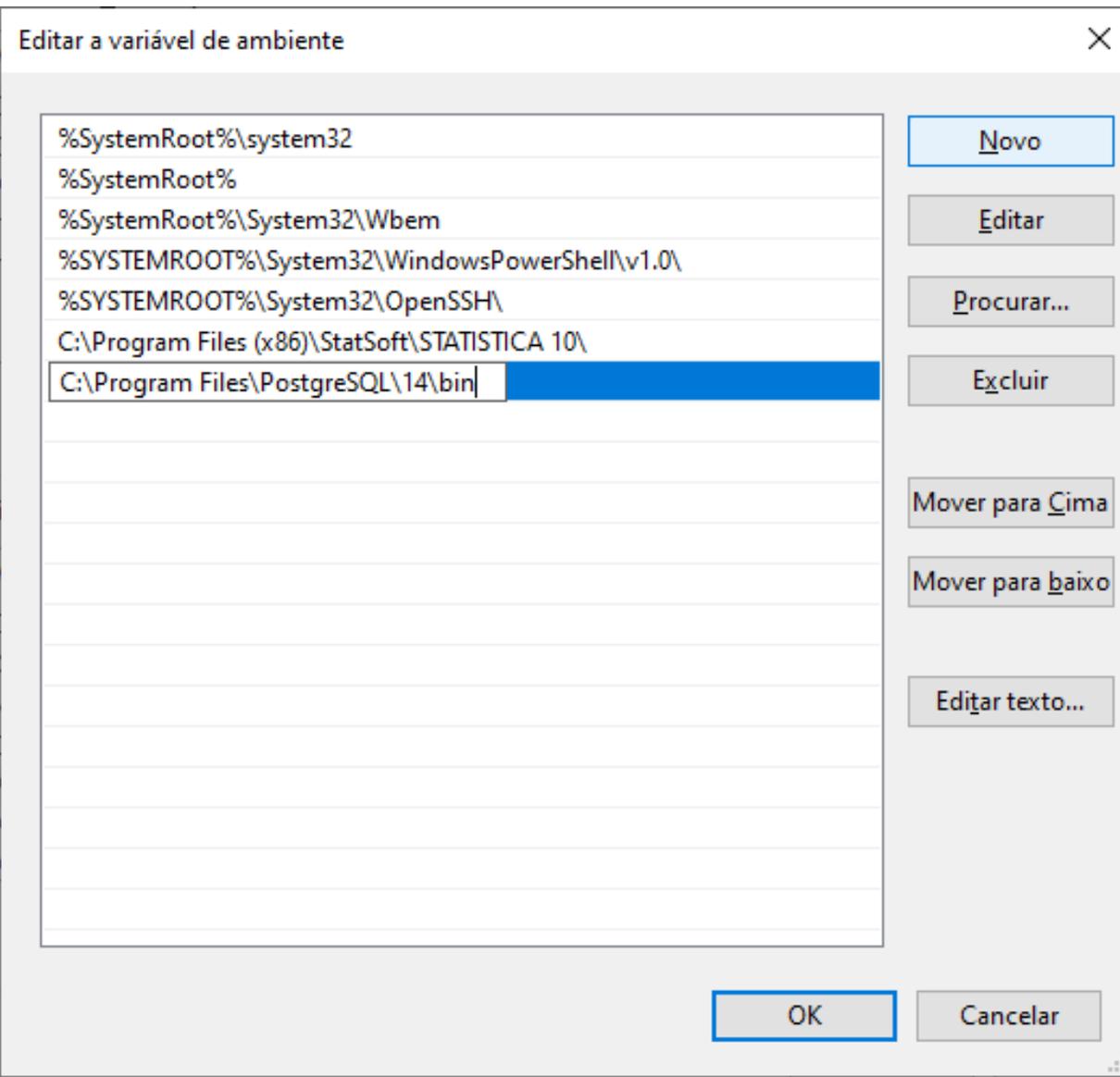
Variável	Valor
ComSpec	C:\WINDOWS\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	4
OS	Windows_NT
Path	C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wb...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

Novo... Editar... Excluir

OK Cancelar







 Prompt de Comando - psql

```
Microsoft Windows [versão 10.0.19044.2251]  
(c) Microsoft Corporation. Todos os direitos reservados.
```

```
C:\Users\aftra>psql
```

```
Password for user aftra:
```

Não temos a senha para aftra

```
C:\ Prompt de Comando
Microsoft Windows [versão 10.0.19044.2251]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\aftra>psql
Password for user aftra:
psql: error: connection to server at "localhost" (:::1), port 5432 failed: fe_sendauth: no password supplied

C:\Users\aftra>
```

psql -U postgres

```
C:\ Prompt de Comando - psql -U postgres
Microsoft Windows [versão 10.0.19044.2251]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\aftra>psql -U postgres
Password for user postgres: _
```

🖥️ Prompt de Comando - psql -U postgres

Microsoft Windows [versão 10.0.19044.2251]

(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\aftra>psql -U postgres

Password for user postgres:

psql (14.5)

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.

Type "help" for help.

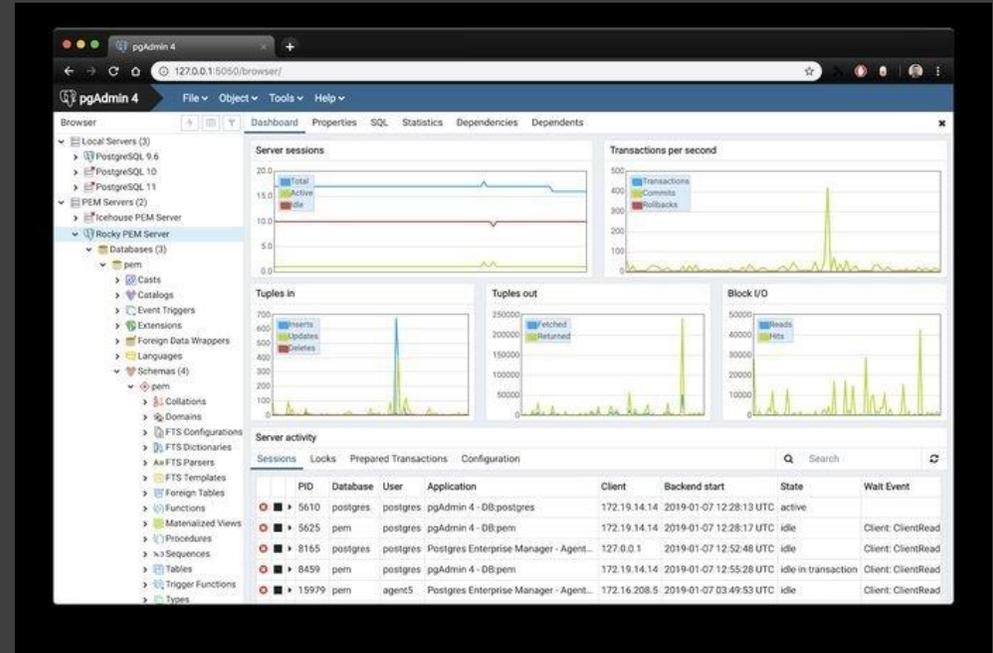
postgres=#

 Prompt de Comando - psql -U postgres

```
Microsoft Windows [versão 10.0.19044.2251]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\aftra>psql -U postgres
Password for user postgres:
psql (14.5)
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.
Type "help" for help.

postgres=# help
You are using psql, the command-line interface to PostgreSQL.
Type:  \copyright for distribution terms
       \h for help with SQL commands
       \? for help with psql commands
       \g or terminate with semicolon to execute query
       \q to quit
postgres=# quit_
```



Interface Gráfica



PostgreSQL 14



Application Stack Builder



Installation notes



pgAdmin 4



pgAdmin documentation



PostgreSQL documentation



PostgreSQL release notes



Reload Configuration



SQL Shell (psql)



pgAdmin

Management Tools for PostgreSQL

Waiting for pgAdmin 4 to start...

 Setup



Port

Please select the port number the server should listen on.

Port

VMware InstallBuilder

< Back

Next >

Cancel

pgAdmin 4

pgAdmin File Object Tools Help

Browser Dashboard Properties SQL Statistics Dependencies Dependents

> Servers

Welcome



pgAdmin

Management Tools for PostgreSQL

Feature rich | Maximises PostgreSQL | Open Source

pgAdmin is an Open Source administration and management tool for the PostgreSQL database. It includes a graphical administration interface, an SQL query tool, a procedural code debugger and much more. The tool is designed to answer the needs of developers, DBAs and system administrators alike.

Quick Links



Add New Server



Configure pgAdmin

Getting Started



PostgreSQL Documentation



pgAdmin Website



Planet PostgreSQL



Community Support

Setup

Password

Please provide a password for the database superuser (postgres).

Password

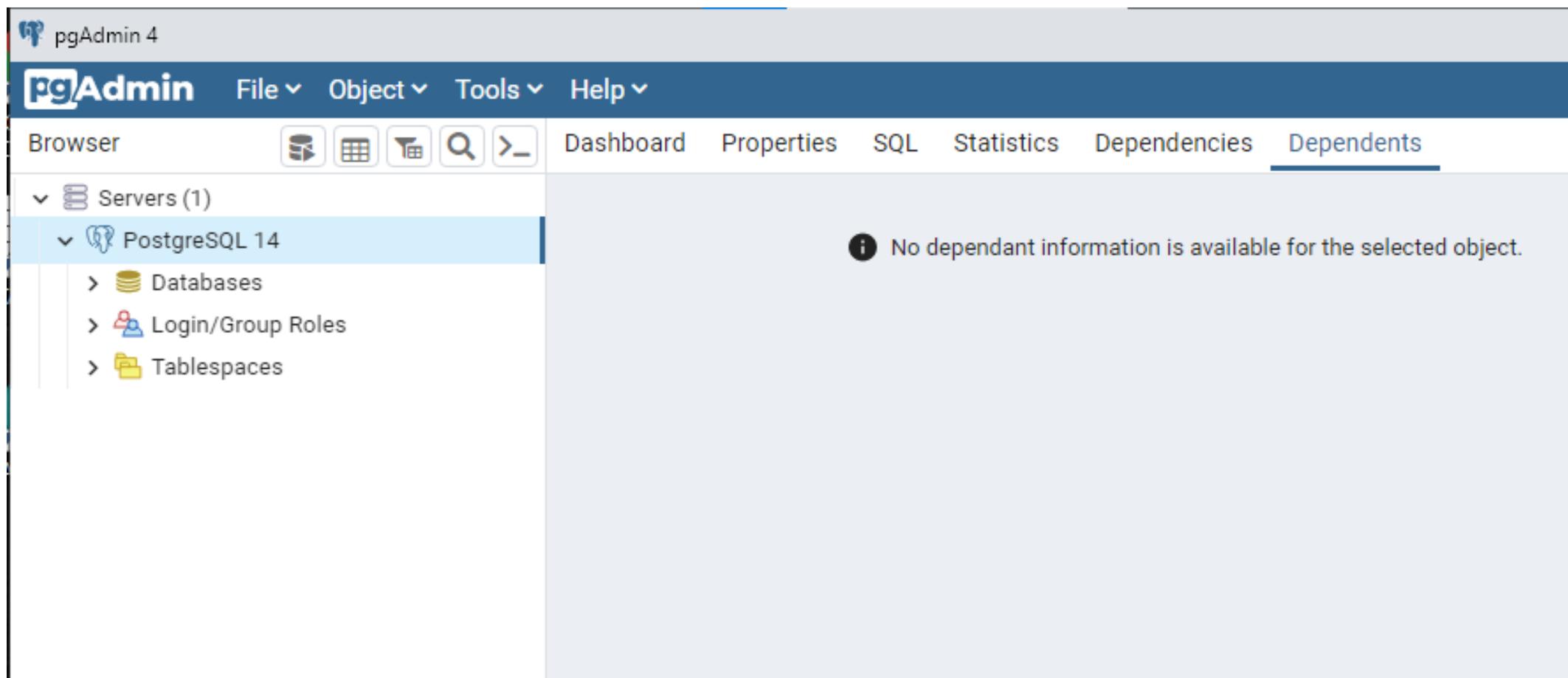
Retype password

VMware InstallBuilder

< Back Next > Cancel



Senha digitada:



pgAdmin 4

pgAdmin File Object Tools Help

Browser Dashboard Properties

- Servers (1)
 - PostgreSQL 14
 - Databases
 - Login/Group Roles (12)**
 - pg_database_owner
 - pg_execute_server_program
 - pg_monitor
 - pg_read_all_data
 - pg_read_all_settings
 - pg_read_all_stats
 - pg_read_server_files
 - pg_signal_backend
 - pg_stat_scan_tables
 - pg_write_all_data
 - pg_write_server_files
 - postgres
 - Tablespaces

- Databases
 - Login/Group Roles (12)**
 - pg_database_owner
 - pg_execute_server_program
 - pg_monitor
 - ...

Create >

Refresh

Create - Login/Group Role

General Definition Privileges Membership

Name

Comments

Criar um novo usuário e senha:

The image shows two side-by-side screenshots of a web application interface for creating a user role. The left screenshot shows the 'General' tab with fields for 'Password', 'Account expires', and 'Connection limit'. The 'Privileges' tab is highlighted with a red dashed box. The right screenshot shows the 'Privileges' tab with a list of permissions, each with a toggle switch. A red arrow points to the 'Save' button at the bottom of the interface.

Create - Login/Group Role

General Definition **Privileges** Member

Can login?

Superuser?

Create roles?

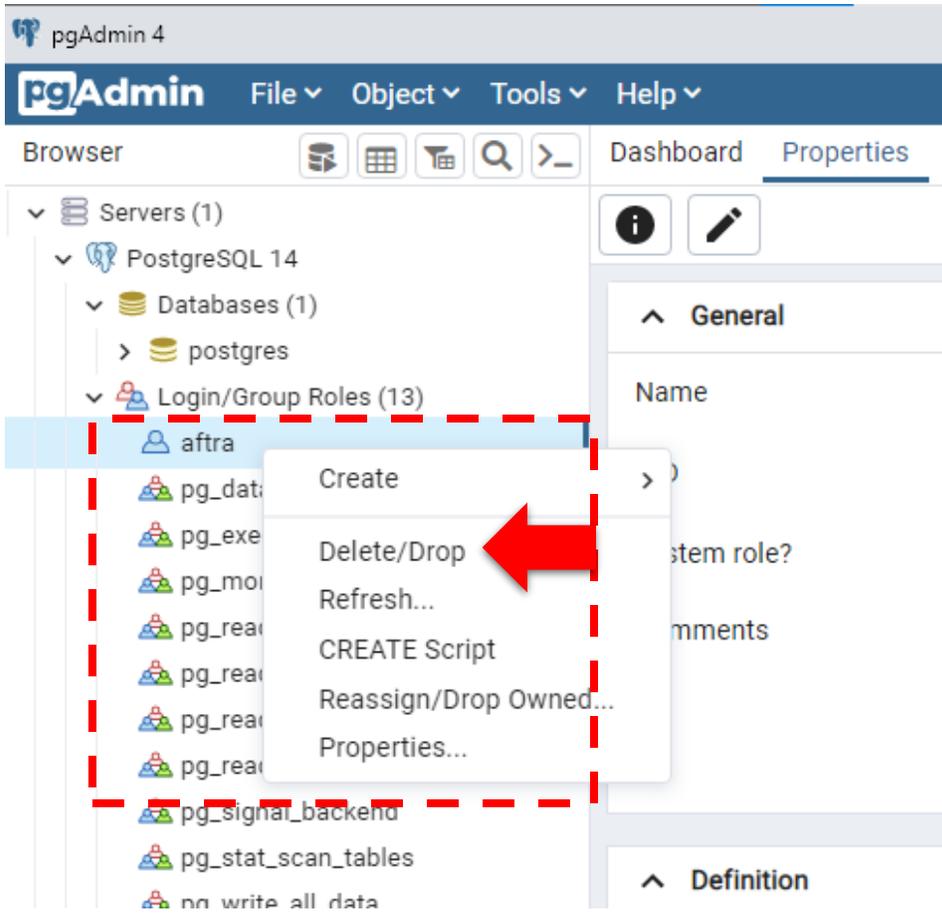
Create databases?

Inherit rights from the parent roles?

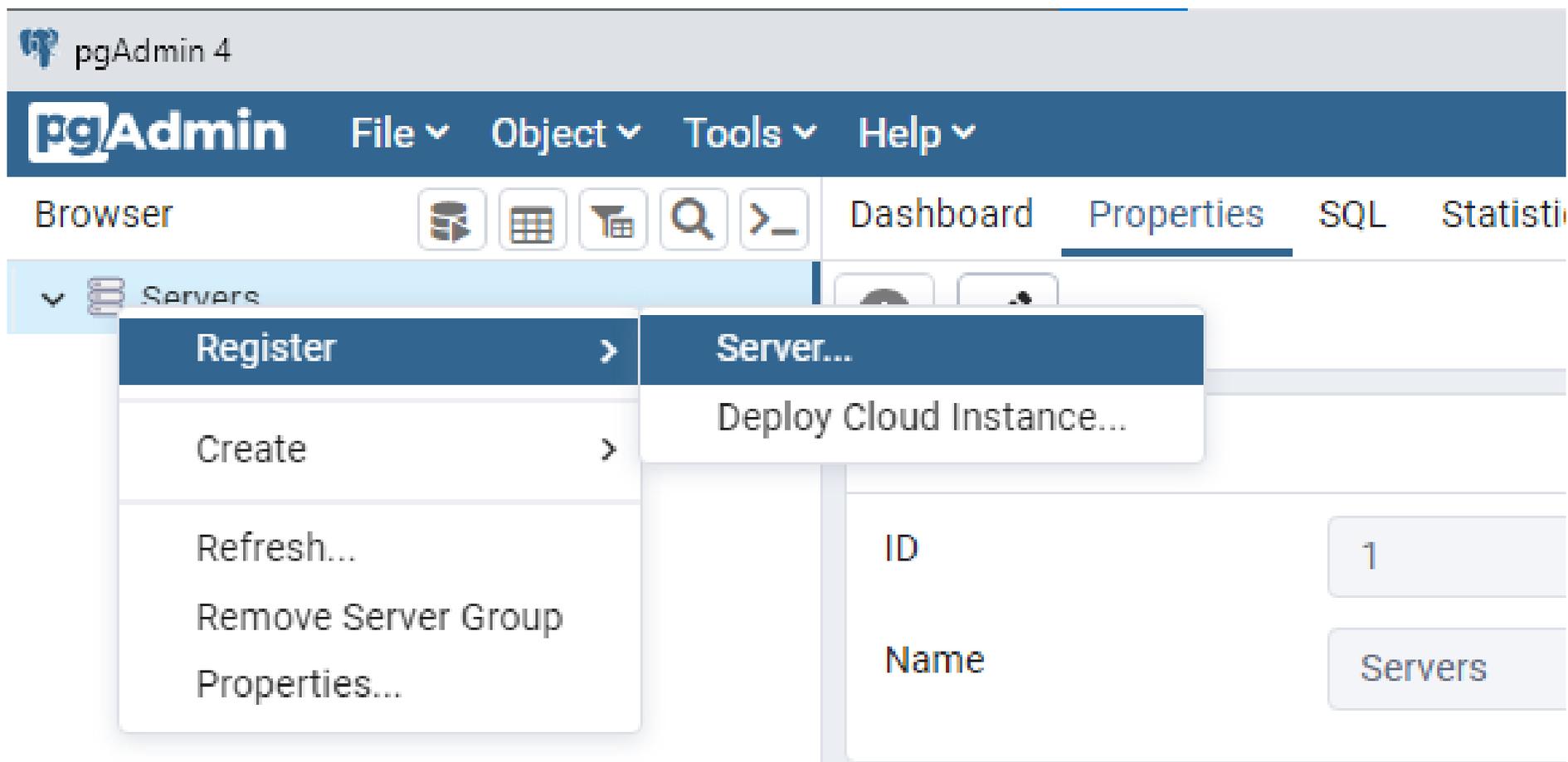
Can initiate streaming replication and backups?

Close Reset **Save**

Testando:



Criando um servidor:



Servidor: nome

Register - Server ↗ ✕

General Connection SSL SSH Tunnel Advanced

Name

Server group ▾

Background

Foreground

Connect now?

Comments

Conectando:

Register - Server

General Connection SSL SSH Tunnel Advanced

Host name/address localhost

Port 5432

Maintenance database postgres

Username postgres

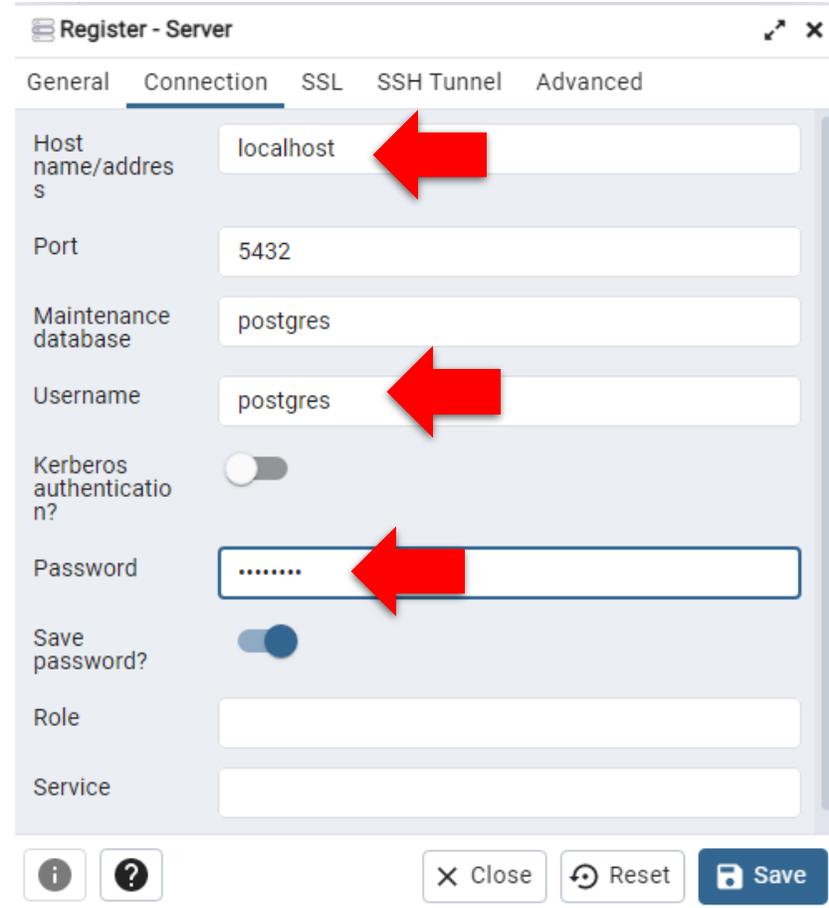
Kerberos authentication?

Password

Save password?

Role

Service



pgAdmin 4

pgAdmin File Object Tools Help

Browser Dashboard Properties SQL Statistics Dependencies Dependents

Servers (1)

- aftra
 - Databases (1)
 - postgres
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - Login/Group Roles (12)
 - pg_database_owner
 - pg_execute_server_program
 - pg_monitor
 - pg_read_all_data
 - pg_read_all_settings
 - pg_read_all_stats
 - pg_read_server_files
 - pg_signal_backend
 - pg_stat_scan_tables
 - pg_write_all_data
 - pg_write_server_files
 - postgres

General

ID: 1

Name: aftra

Server type: PostgreSQL

Version: PostgreSQL 14.5, compiled by Visual C++ build 1914, 64-bit

Comments:

Connection

Connected?

Host name/address: localhost

Port: 5432

Maintenance database: postgres

Username: postgres

