

# How to locate postgresql.conf file?

**/usr/local/pgsql/data**

**For those using WSL (Windows Subsystem for Linux):**

change user to root and enter password

```
sudo su
```

Check user permissions:

```
ls -l /usr/local/pgsql
```

```
total 28
drwxr-xr-x  2 root    root 4096 Sep 21 22:53 bin
drwx----- 10 postgre root 4096 Nov 11 14:43 data
drwxr-xr-x  3 root    root 4096 Sep 14 19:23 doc
drwxr-xr-x  6 root    root 4096 Sep 21 22:53 include
drwxr-xr-x  3 root    root 4096 Sep 21 22:53 lib
drwxr-xr-x  4 root    root 4096 Sep 14 19:23 man
drwxr-xr-x  3 root    root 4096 Sep 21 22:53 share
```

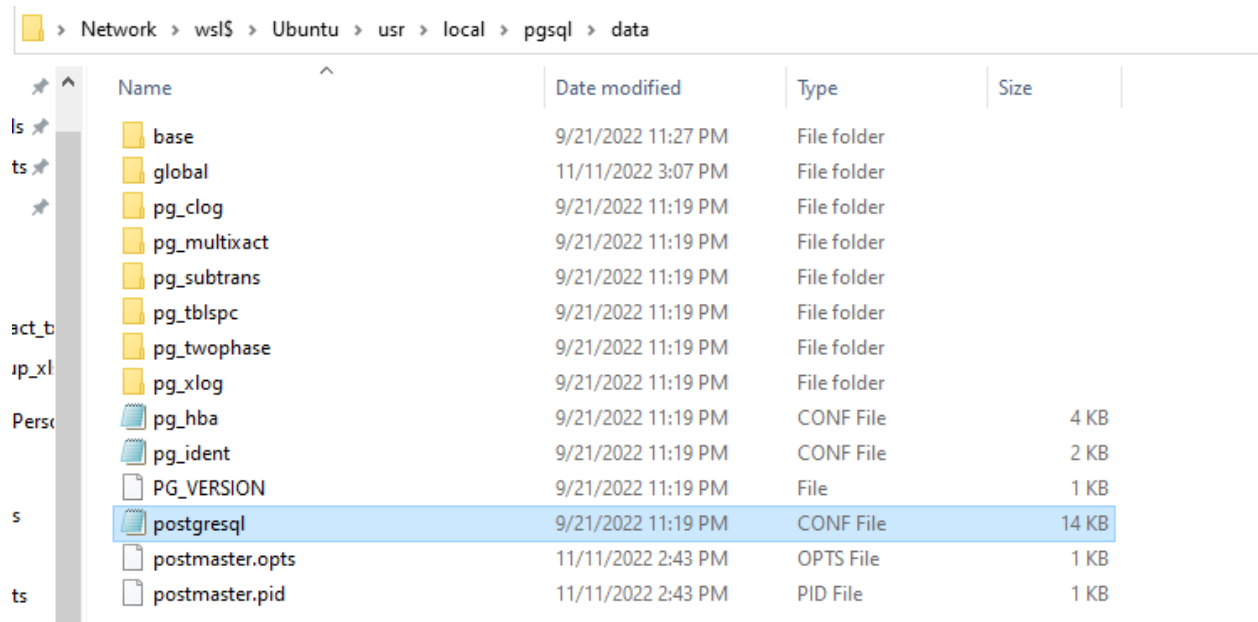
To open ubuntu explorer from WSL:

```
explorer.exe .
```

Go to **/usr/local/pgsql/data** path to get **postgresql.conf** file. If facing a permission issue while accessing /usr/local/pgsql/data folder, try using the following command:

```
chmod a+w+x+r /usr/local/pgsql/data
```

## Access the postgresql.conf file



The screenshot shows a file explorer window with the path `> Network > ws1$ > Ubuntu > usr > local > pgsql > data`. The file list is as follows:

Name	Date modified	Type	Size
base	9/21/2022 11:27 PM	File folder	
global	11/11/2022 3:07 PM	File folder	
pg_clog	9/21/2022 11:19 PM	File folder	
pg_multixact	9/21/2022 11:19 PM	File folder	
pg_subtrans	9/21/2022 11:19 PM	File folder	
pg_tblspc	9/21/2022 11:19 PM	File folder	
pg_twophase	9/21/2022 11:19 PM	File folder	
pg_xlog	9/21/2022 11:19 PM	File folder	
pg_hba	9/21/2022 11:19 PM	CONF File	4 KB
pg_ident	9/21/2022 11:19 PM	CONF File	2 KB
PG_VERSION	9/21/2022 11:19 PM	File	1 KB
postgresql	9/21/2022 11:19 PM	CONF File	14 KB
postmaster.opts	11/11/2022 2:43 PM	OPTS File	1 KB
postmaster.pid	11/11/2022 2:43 PM	PID File	1 KB

After making changes to source code, if you wish to start postgres server and if facing issues e.g.

```
postgres@LAPTOP-J049TCU:/home/sakivg$ FATAL: data directory "/usr/local/pgsql/data" has group or world access
DETAIL: Permissions should be u=rwx (0700).
```

try below command:

```
chmod 700 /usr/local/pgsql/data
```