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How to Install PostgreSQL 14 + pgAdmin4 on Ubuntu 20.04 in December 2025 (After EOL)



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2 min read · Dec 8, 2025



You just ran the usual commands to install PostgreSQL 14 on Ubuntu 20.04 and got slapped with this nightmare:

```
Err: https://apt.postgresql.org/pub/repos/apt focal-pgdg Release  
      404  Not Found  
E: The repository 'https://apt.postgresql.org/pub/repos/apt focal-pgdg Release'
```

Welcome to December 2025. Ubuntu 20.04 is long EOL, and the official PostgreSQL APT repository has deleted all Focal packages. Your standard tutorials are now dead.

Ubuntu 20.04 (Focal Fossa) reached end-of-life (EOL) on April 30, 2025 for standard support, and the official PostgreSQL APT repository (apt.postgresql.org) no longer hosts packages for it as of July 1, 2025. Packages for EOL releases like Focal have been **archived to apt-archive.postgresql.org**.

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Here's the **only method that still works today** — a complete clean reinstall of PostgreSQL 14 + pgAdmin4.

Problem Summary

- Ubuntu 20.04 (Focal) reached EOL → packages removed from apt.postgresql.org
- Normal repo URL returns 404

- You want a clean PostgreSQL 14 (not newer, not older) + pgAdmin4

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The Working Solution (December 2025)

Copy and run these commands exactly in order.

```
# 1. FULL CLEANUP – Remove every trace of old PostgreSQL/pgAdmin
# Stop any running PostgreSQL service
sudo systemctl stop postgresql

# Remove all PostgreSQL packages (all versions)
sudo apt update
sudo apt purge postgresql* pgadmin* -y
sudo apt autoremove -y
sudo apt autoclean

# Remove configuration files and data (be careful – this deletes all databases!)
sudo rm -rf /etc/postgresql/
sudo rm -rf /var/lib/postgresql/
sudo rm -rf /var/log/postgresql/
sudo rm -rf /usr/lib/postgresql/

# Remove any leftover apt repository entries (optional but clean)
sudo rm -f /etc/apt/sources.list.d/pgdg.list
sudo rm -f /etc/apt/sources.list.d/postgresql.list

# 2. Add the OFFICIAL PostgreSQL archive repo (the only one still hosting Focal
sudo sh -c 'echo "deb http://apt-archive.postgresql.org/pub/repos/apt focal-pgdg

# 3. Install prerequisites & official signing key
sudo apt update
sudo apt install -y wget ca-certificates
wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-
 
# 4. Final update and install PostgreSQL 14
sudo apt update
sudo apt install -y postgresql-14 postgresql-client-14

# 5. Install pgAdmin4 (desktop + web)
sudo apt install -y pgadmin4 pgadmin4-desktop pgadmin4-web

# 6. Start PostgreSQL 14
sudo systemctl start postgresql@14-main
sudo systemctl enable postgresql@14-main

# 7. Set a secure password for the postgres user
sudo -u postgres psql -c "ALTER USER postgres PASSWORD 'YourStrongPassword123';"
# 8. Launch pgAdmin4
# Desktop version
pgadmin4
# Or web version (first time setup)
# sudo /usr/pgadmin4/bin/setup-web.sh
```

Verify It Works

Bash

```
psql --version      # → psql (PostgreSQL) 14.x
sudo pg_lsclusters # → Ver 14 running on port 5432
```

You now have a perfectly clean, fully working PostgreSQL 14 + pgAdmin4 on

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Bonus Notes

- The archive repo receives no new updates — fine for dev/learning, not recommended for production
 - Seriously consider upgrading to Ubuntu 24.04 LTS when possible
- Happy Learning!

Database

Pgadmin

Postgresql



Written by Arvind Yadav

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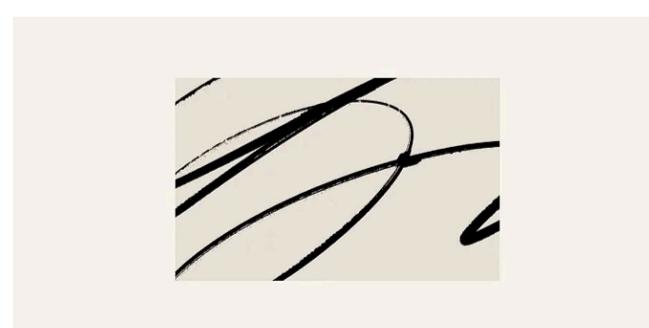
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```

Preparing to unpack .../2-mongodb-org-shell_5.0.26_amd64.deb ...
Unpacking mongodb-org-shell (5.0.26) ...
Selecting previously unselected package mongodb-org-server.
Preparing to unpack .../3-mongodb-org-server_5.0.26_amd64.deb ...
Unpacking mongodb-org-server (5.0.26) ...
dpkg: error processing archive '/tmp/apt-dpkg-install-tfycqz/3-mongodb-org-server_5.0.26_amd64.deb (--unpack):
trying to overwrite '/usr/bin/mongod', which is also in package mongodb-server-core 1:3.6.9+really3.6.8+90-g8e540cbed
dpkg: error: half-changed file '/tmp/apt-dpkg-install-tfycqz/3-mongodb-org-server_5.0.26_amd64.deb' is broken pipe)
Selecting previously unselected package mongodb-org-mongos.
Preparing to unpack .../4-mongodb-org-mongos_5.0.26_amd64.deb ...
Unpacking mongodb-org-mongos (5.0.26) ...
dpkg: error processing archive '/tmp/apt-dpkg-install-tfycqz/4-mongodb-org-mongos_5.0.26_amd64.deb (--unpack):
trying to overwrite '/usr/bin/mongos', which is also in package mongodb-server-core 1:3.6.9+really3.6.8+90-g8e540cbed
dpkg: error: paste subprocess was killed by signal (broken pipe)
Selecting previously unselected package mongodb-org-database-tools-extra_5.0.26_amd64.deb ...
Unpacking mongodb-org-database-tools-extra (5.0.26) ...
Selecting previously unselected package mongodb-org-database.
Preparing to unpack .../5-mongodb-org-database_5.0.26_amd64.deb ...
Unpacking mongodb-org-database (5.0.26) ...
Selecting previously unselected package mongodb-org-tools.
Preparing to unpack .../6-mongodb-org-tools_5.0.26_amd64.deb ...
Unpacking mongodb-org-tools (5.0.26) ...
Selecting previously unselected package mongodb-org.
Preparing to unpack .../8-mongodb-org_5.0.26_amd64.deb ...
Unpacking mongodb-org (5.0.26) ...
Errors were encountered while processing:
/tmp/apt-dpkg-install-tfycqz/3-mongodb-org-server_5.0.26_amd64.deb
/tmp/apt-dpkg-install-tfycqz/4-mongodb-org-mongos_5.0.26_amd64.deb
/tmp/apt-dpkg-install-tfycqz/5-mongodb-org-database_5.0.26_amd64.deb
/tmp/apt-dpkg-install-tfycqz/6-mongodb-org-tools_5.0.26_amd64.deb
/tmp/apt-dpkg-install-tfycqz/8-mongodb-org_5.0.26_amd64.deb
E: Sub-process /usr/bin/dpkg failed

```

Arvind Yadav

Unable to install MongoDB properly on Ubuntu 20.04 LTS

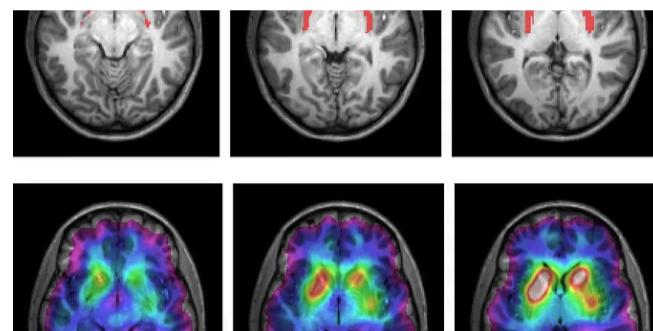
I recently encountered an issue while working with MongoDB for a local project on Ubuntu...

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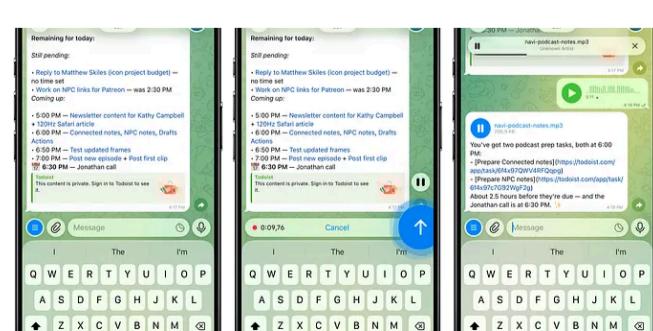


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