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

Arvind Yadav   Follow   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

Po

tu

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

- Old versions/config/data must be completely wiped

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
```

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```bash
# 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

You now have a **perfectly clean, fully working PostgreSQL 14 + pgAdmin4** on an EOL Ubuntu 20.04 system in late 2025.

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
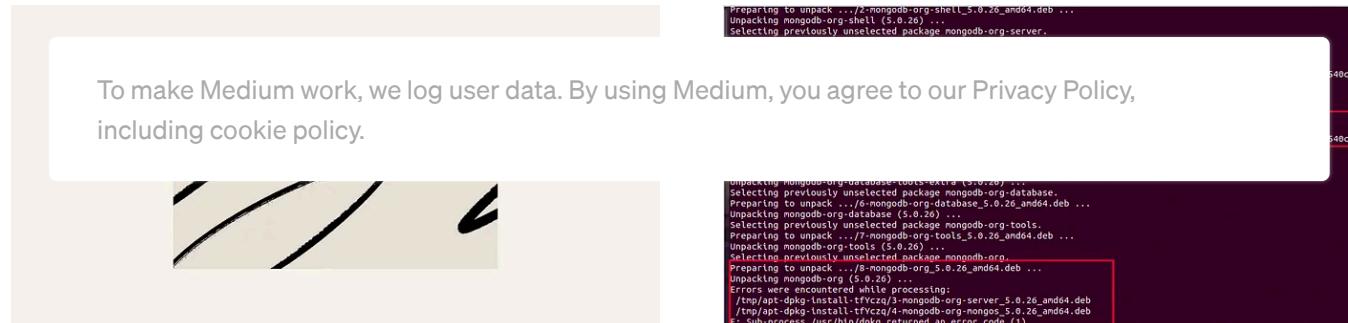
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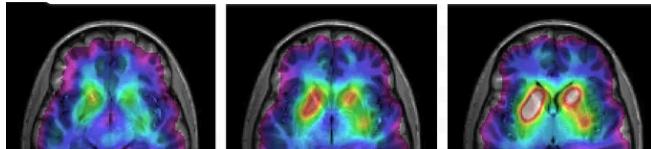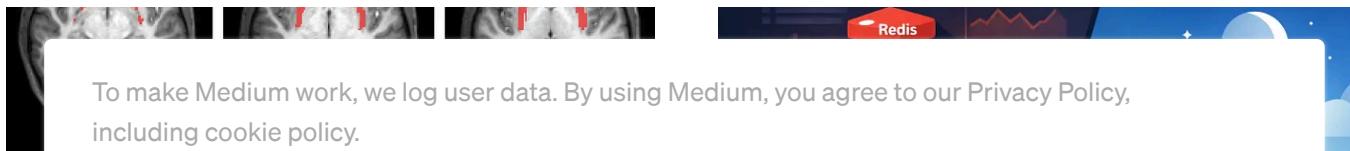
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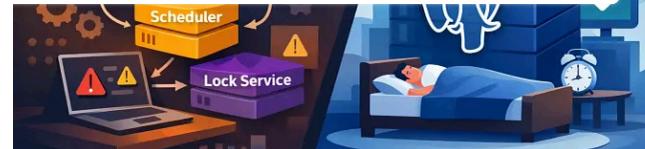
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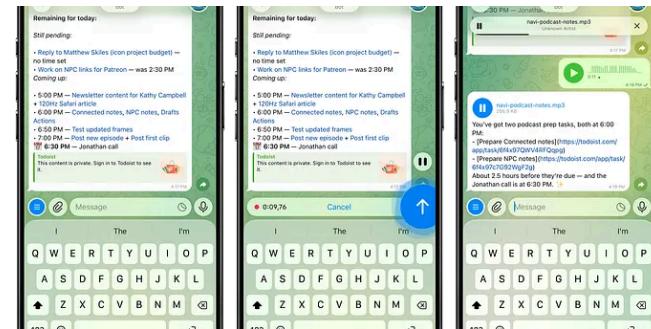
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