https://stackoverflow.com/questions/72611651/how-can-i-upgrade-postgresql-from-version-11-to-version-13

steps to upgrade a PostgreSQL cluster from 11 to 13:

* Verify the current cluster is the still the old version:
* $ pg\_lsclusters
* Ver Cluster Port Status Owner Data directory Log file
* 11 main 5432 online postgres /var/lib/postgresql/11/main /var/log/postgresql/postgresql-11-main.log
* 13 main 5434 down postgres /var/lib/postgresql/13/main /var/log/postgresql/postgresql-13-main.log
* Run pg\_dropcluster 13 main as user postgres:
* $ sudo -u postgres pg\_dropcluster 13 main
* Warning: systemd was not informed about the removed cluster yet.
* Operations like "service postgresql start" might fail. To fix, run:
* sudo systemctl daemon-reload
* Run the pg\_upgradecluster command as user postgres:
* $ sudo -u postgres pg\_upgradecluster 11 main
* Verify that everything works, and that the only online cluster is now 13:
* $ pg\_lsclusters
* Ver Cluster Port Status Owner Data directory Log file
* 11 main 5434 down postgres /var/lib/postgresql/11/main /var/log/postgresql/postgresql-11-main.log
* 13 main 5432 online postgres /var/lib/postgresql/13/main /var/log/postgresql/postgresql-13-main.log
* Drop the old cluster:
* $ sudo -u postgres pg\_dropcluster 11 main
* Uninstall the previous version of PostgreSQL:

$ sudo apt remove 'postgresql\*11'

Can restart the new database sever by: $pg\_ctlcluster 13 main start

Drop the older cluster with: $pg\_cropcluster 11 main

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