POSTGRESQL

install the Postgres package along with a -contrib package that adds some additional utilities and functionality:

sudo apt install postgresql postgresql-contrib

sudo systemctl start postgresql.service

**using postgresql roles and databases:**

By default, Postgres uses a concept called “roles” to handle authentication and authorization. These are, in some ways, similar to regular Unix-style users and groups.

Upon installation, Postgres is set up to use ident authentication, meaning that it associates Postgres roles with a matching Unix/Linux system account. If a role exists within Postgres, a Unix/Linux username with the same name is able to sign in as that role.

The installation procedure created a user account called postgres that is associated with the default Postgres role. There are a few ways to utilize this account to access Postgres. One way is to switch over to the postgres account on your server by running the following command:

**sudo -i -u postgres**

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**psql**