1-Write an ansible playbook installs docker services on a remote host

2-Write an ansible playbook creates the postgres, and odoo container on a remote docker host you installed from step 1

$ sudo apt update

$ sudo apt install apt-transport-https ca-certificates curl software-properties-common

$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -

$ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable"

$ apt-cache policy docker-ce

$ sudo usermod -aG docker odoo

$ sudo apt install docker-compose docker-py

$ sudo systemctl status docker

Text

Description automatically generated

$ mkdir ~/odoo

$ cd ~/odoo

$ gedit ~/docker-compose.yml

|  |  |
| --- | --- |
| version: '3'  services:  odoo:  image: odoo:14.0  env\_file: .env  depends\_on:  - postgres  ports:  - "8069:8069"  volumes:  - data:/var/lib/odoo  postgres:  image: postgres:13  env\_file: .env  volumes:  - db:/var/lib/postgresql/data/pgdata  volumes:  data:  db: |  |

$ nano .env

|  |  |
| --- | --- |
| # postgresql environment variables  POSTGRES\_DB=postgres  POSTGRES\_PASSWORD=1234fierro98  POSTGRES\_USER=odoo  PGDATA=/var/lib/postgresql/data/pgdata  # odoo environment variables  HOST=postgres  USER=odoo  PASSWORD=1234fierro98 |  |

$ sudo apt install apache2

$ sudo service apache2 start

$ sudo usermod -a -G docker $USER

$ sudo systemctl enable docker

$ sudo systemctl start docker

$ sudo docker-compose up -d



$ curl --head http://localhost:8069

Text

Description automatically generated

http://localhost:8069

Graphical user interface, text

Description automatically generated

References:

<https://www.digitalocean.com/community/tutorials/how-to-install-odoo-on-ubuntu-20-04-with-docker>