#!/bin/bash

#this script is idempotent. Its ok to run it multiple times while troubleshooting any errors

echo "watch the screen carefully for any errors"

sudo apt install apt-transport-https ca-certificates curl software-properties-common gpg-agent -y # install the essential packages

curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add - # GPG key for the official Docker repository to your system

sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable" # Add the Docker repository to APT sources

sudo apt update -y #update the package database with the Docker packages from the newly added repo:

apt-cache policy docker-ce #Make sure you are about to install from the Docker repo instead of the default Ubuntu repo

sudo apt install docker-ce -y #Finally, install Docker

sudo systemctl enable docker # enabled to start on boot

sudo systemctl restart docker # restart docker once

sudo systemctl status docker # enabled to start on boot

echo -e "\n\n"

echo "make sure Docker service is in running state"

echo "checking docker version.." ; sleep 2

echo "Adding current user to docker group"

sudo usermod -aG docker ${USER}

echo "relogging into shell to apply the docker permissions. Enter the sudo password"

su - ${USER}