Title: Docker Containers can not be stopped or removed - permission denied Error

Post Body:

Issue: Can not stop docker containers, whenever I try to stop containers I get the following Error message,

`ERROR: for yattyadocker_web_1  cannot stop container: 1f04148910c5bac38983e6beb3f6da4c8be3f46ceeccdc8d7de0da9d2d76edd8: Cannot`

OS Version/build: Ubuntu 16.04 | Docker Version 17.09.0-ce, build afdb6d4 | Docker Compose version 1.17.1, build 6d101fb

Steps to reproduce:

- Created a rails project with Dockerfile and docker-compose.yml. docker-compose.yml is of version 3.
- Image is built successfully with either `docker build -t <project name> .` or `docker-compose up --build`
- Containers boots up and runs successfully.
- Try to stop docker compose with docker-compose down.

What I tried::

- I have to run `sudo service docker restart` and then the containers can be removed.
- Uninstalled docker, removed docker directory and then re installed everything. Still facing same issue.

Note: This configuration was working correctly earlier, but somehow file permissions might have changed and I am seeing this error. I have to run `sudo service docker restart` and then the containers can be removed. But this is highly inconvenient and I don't know how to troubleshoot this.

Reference Files:

`# docker-compose.yml version: '3' volumes:   db-data:     driver: local   redis-data:     driver: local   services:   db:`

And Dockerfile:

`# Dockerfile FROM ruby:2.4.1  RUN apt-get update && apt-get install -y nodejs --no-install-recommends && rm -rf /var/lib/apt/l`

Accepted Answer:

I was able to fix the issue. Apparmor service in ubuntu was not working normally due to some unknown issue. The problem was similar to the issue reported in moby project https://github.com/moby/moby/issues/20554.

The `/etc/apparmor.d/tunables` folder was empty, and https://github.com/mlaventure suggested to **purge/reinstall apparmor to get it to the initial state.**

So I reinstalled apparmor, and **after restarting** the problem was solved.

Hope this helps.

Highest Rated Answer:

I installed Docker from the snap package and after a while I decided to move to apt repository installation.

I was facing the same problem and using `sudo aa-remove-unknown` worked for me.

So no reinstallation of Apparmor was needed.