

Title: How to configure docker-compose.yml to up a container as root

Post Body:

I'm trying to connect two containers with a docker-compose.yml, but it isn't working. This is my docker-compose.yml file:

```
version: "3" services:      datapower:      build: .      ports:      - "9090:9090"      depends_on:
```

When I make:

```
docker-compose up
```

This up my two containers. Then I stop one container and then I run the same container stoped independently like:

```
docker-compose run -u root --name nameofcontainer 'name of container named in docker-compose.yml'
```

With this, the connection of the containers works. Exists a method to configure my docker-compose.yml to connect my containers like root without stop a container and run independently?

Accepted Answer:

**Update:**

There exists the `user` property that can be set in the compose file. This is documented in [docker-compose file reference](#).

```
... services:      datapower:      build: .      user: root      ports:      - "9090:9090"      depends_on:
```

Highest Rated Answer:

## Setting both a User **AND** a Group in docker-compose.yml:

Discovered another way to set not only the **user** but also the **group** in a docker-compose.yml file which is NOT documented in the Docker Compose File Reference @yamenk helpfully provides in the accepted answer.

I needed to raise a container expressly setting both a user **AND** a group and found that the `user:` parameter in `docker-compose.yml` can be populated as a **UID:GID** mapping delimited by a colon.

Below is a snippet from my docker-compose.yml file where this form was tested and found to work correctly:

```
services:  zabbix-agent:    image: zabbix/zabbix-agent2:ubuntu-6.0-latest    container_name: DockerHost1-zabbix-agent2    user: 0
```

Reference:

<https://github.com/zabbix/zabbix-docker/issues/710>

Hope this saves others wasted cycles looking for this!