Title: Failed to deploy multi-containers docker to ElasticBeanstalk

Post Body:

I was trying to deploy multi containers docker into Elastic Beanstalk. But it doesn't work. I tried running on local by using the docker-compose it is working.

Below is my Dockerrun.aws.json and docker-compose.yml

docker-compose.yml

```
version: '3'  services:    nginx:      image: nginx:alphine     restart: always     ports:      - 80:80        volumes:
```

Dockerrun.aws.json

```
{    "AWSEBDockerrunVersion":2,    "containerDefinitions":[        {            "name":"db",         "hostname": "db",
```

This is my nginx.stouterr.log. Not sure will it will auto shutdown.

```
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration /docker-entrypoint.sh: Lookin
```

I checked the ECS, at first, 3 containers are running. But later on, all status changed to stopped and it spawns another new task again.

I also get the error "connection refused" to connect the MySQL from my spring boot application.

```
Caused by: com.mysql.cj.exceptions.CJCommunicationsException: Communications link failure  The last packet sent successfully t
```

This is my application.properties

```
spring.datasource.url=jdbc:mysql://db:3306/sbapi?allowPublicKeyRetrieval=true&useSSL=false spring.datasource.username=user spr
```

I was able to access the API when running docker-compose up from local. However, when deploying to Elastic Beanstalk, it doesn't work. I'm not sure which part goes wrong, and I was curious why the ECS will stop itself and respawn new task again and again?

Accepted Answer: None

Highest Rated Answer:

EB's Docker platform supports docker-compose.yml as explained in [Docker environment with Docker Compose](#):

> Create a docker-compose.yml file to deploy a Docker image from a hosted repository to Elastic Beanstalk. No other files are required if all your deployments are sourced from images in public repositories.

So you may need `Dockerrun.aws.json v3` only to [enable access to private docker registry](#).