Title: Deploying Docker to AWS Elastic Beanstalk: failed to execute command 'docker pull maven'

Post Body:

I have a maven project that I am trying to deploy to Amazon Web Services' `Elastic Beanstalk`. I want to deploy using a `Docker` file.

The `Docker` file works locally on my Windows PC, but not when deployed to `Elastic Beanstalk`. The structure of my project looks like this:

```
~/my-project/ |-- Dockerfile |-- src |-- pom.xml
```

This is my `Docker` file:

```
# Build stage  #  FROM maven:3.8.1-jdk-8 AS build ADD src /tmp/src ADD pom.xml /tmp/pom.xml RUN mvn -f /tmp/pom.xml clean pack
```

To use and execute this `Docker` file locally, all I do is run these commands from project root and then my Springboot server is up and running:

```
docker build -t image-my-project . docker run -d -p 8080:8080 image-my-project
```

Now comes the problem. Why does this fail when deployed to `AWS Elastic Beanstalk`.

I will give a walkthrough of exactly how I am deploying it to `Elastic Beanstalk`.

```
1) navigate to project root (my-project) and run the command:     a) eb create     b) this will prompt me with configuring the
```

If I download the `eb-engine.log` file, then I get errors stating that the docker failed to pull Maven. Here is that part of the log file:

```
start build docker app 2021/11/04 12:31:25.779536 [INFO] fetch image name 2021/11/04 12:31:25.779584 [INFO] pull docker image
```

Anyone have any idea what is going on? Why does my Docker file work locally, but won't deploy to AWS Elastic Beanstalk?

Accepted Answer:

I figured it out so I will leave an answer for future readers. Turns out AWS doesn't allow you to use the `AS` keyword in Docker. So I changed the file from:

```
# Build stage  #  FROM maven:3.8.1-jdk-8 AS build ADD src /tmp/src ADD pom.xml /tmp/pom.xml RUN mvn -f /tmp/pom.xml clean pack
```

To this:

```
# Build stage  #  FROM maven:3.8.1-jdk-8  ADD src /tmp/src ADD pom.xml /tmp/pom.xml RUN mvn -f /tmp/pom.xml clean package    #
```

Highest Rated Answer: None