

# OUTPUT

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Microsoft Windows [Version 10.0.22621.2870]
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C:\Users\HP>cd Docker

C:\Users\HP\Docker>docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
a0fe57d09ce8   phpcode:latest "/usr/sbin/apache2 -..." 18 minutes ago Up 18 minutes 80/tcp        webserver.1.q7812fcocy8ea37ofwjfedjq7

C:\Users\HP\Docker>docker swarm init
Error response from daemon: This node is already part of a swarm. Use "docker swarm leave" to leave this swarm and join another one.

C:\Users\HP\Docker>docker swarm init --advertise-addr 192.168.99.100
Error response from daemon: This node is already part of a swarm. Use "docker swarm leave" to leave this swarm and join another one.

C:\Users\HP\Docker>docker service create -p 8080:8080 --name my-spring-webapp my-morning-spring-app
image my-morning-spring-app:latest could not be accessed on a registry to record
its digest. Each node will access my-morning-spring-app:latest independently,
possibly leading to different nodes running different
versions of the image.

wazwiln0uwrn1tcx1tvvr4a7q
overall progress: 1 out of 1 tasks
1/1: running [=====]
verify: Service converged

C:\Users\HP\Docker>docker service ls
ID                NAME                MODE                REPLICAS        IMAGE                PORTS
wazwiln0uwrn     my-spring-webapp    replicated          1/1             my-morning-spring-app:latest  *:8080->8080/tcp
986pzeb2s2m      webserver           replicated          1/1             phpcode:latest        *:80->80/tcp

C:\Users\HP\Docker>curl localhost
<!DOCTYPE html>
<html lang="en">
```

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<html lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
  <title>Simple PHP App</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link href="assets/css/bootstrap.min.css" rel="stylesheet">
  <style>body {margin-top: 40px; background-color: #333;}</style>
  <link href="assets/css/bootstrap-responsive.min.css" rel="stylesheet">
  <!--[if lt IE 9]><script src="http://html5shim.googlecode.com/svn/trunk/html5.js"></script><![endif]-->
</head>

<body>
  <div class="container">
    <div class="hero-unit">
      <h1>Simple PHP App</h1>
      <h2>Congratulations</h2>
      <p>Your PHP application is now running on a container in Docker Swarm</p>
      <p>The Kubernetes Docker container is running on a0fe57d09ce8 with PHP version 8.1.2-1ubuntu2.13.</p>
    </div>
  </div>
</body>
</html>

C:\Users\HP\Docker>docker service scale my-spring-webapp=2
my-spring-webapp scaled to 2
overall progress: 2 out of 2 tasks
1/2: running [=====]
2/2: running [=====]
verify: Service converged

C:\Users\HP\Docker>docker service ls
ID                NAME                MODE                REPLICAS        IMAGE                PORTS
wazwiln0uwrn     my-spring-webapp    replicated          2/2             my-morning-spring-app:latest  *:8080->8080/tcp
986pzeb2s2m      webserver           replicated          1/1             phpcode:latest        *:80->80/tcp

C:\Users\HP\Docker>docker service scale my-spring-webapp=1
my-spring-webapp scaled to 1
```

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Command Prompt
+ -
<body>
  <div class="container">
    <div class="hero-unit">
      <h1>Simple PHP App</h1>
      <h2>Congratulations</h2>
      <p>Your PHP application is now running on a container in Docker Swarm</p>
      <p>The Kubernetes Docker container is running on a0fe57d09ce8 with PHP version 8.1.2-lubuntu2.13.</p>
    </div>
  </div>
</body>

C:\Users\HP\Docker>docker service scale my-spring-webapp=2
my-spring-webapp scaled to 2
overall progress: 2 out of 2 tasks
1/2: running [=====>]
2/2: running [=====>]
verify: Service converged

C:\Users\HP\Docker>docker service ls
ID            NAME                MODE                REPLICAS    IMAGE                               PORTS
wazwiln0uvrn  my-spring-webapp    replicated          2/2         my-morning-spring-app:latest      *:8080->8080/tcp
986pzeb2s2m   webserver           replicated          1/1         phpcode:latest                    *:80->80/tcp

C:\Users\HP\Docker>docker service scale my-spring-webapp=1
my-spring-webapp scaled to 1
overall progress: 1 out of 1 tasks
1/1: running [=====>]
verify: Service converged

C:\Users\HP\Docker>docker service ls
ID            NAME                MODE                REPLICAS    IMAGE                               PORTS
wazwiln0uvrn  my-spring-webapp    replicated          1/1         my-morning-spring-app:latest      *:8080->8080/tcp
986pzeb2s2m   webserver           replicated          1/1         phpcode:latest                    *:80->80/tcp

C:\Users\HP\Docker>docker service rm wazwiln0uvrn
wazwiln0uvrn

C:\Users\HP\Docker>
```

31°C  
Partly sunny

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11:16  
29-07-2023