Scale the service in the swarm

Once you have deployed a service (/engine/swarm/swarm-tutorial/deploy-service/) to a swarm, you are ready to use the Docker CLI to scale the number of containers in the service. Containers running in a service are called “tasks.”

1. If you haven’t already, open a terminal and ssh into the machine where you run your manager node. For example, the tutorial uses a machine named `manager1`.

2. Run the following command to change the desired state of the service running in the swarm:

   ```
   $ docker service scale <SERVICE-ID>=<NUMBER-OF-TASKS>
   ```

   For example:

   ```
   $ docker service scale helloworld=5

   helloworld scaled to 5
   ```

3. Run `docker service ps <SERVICE-ID>` to see the updated task list:

   ```
   $ docker service ps helloworld

   NAME                                    IMAGE   NODE      DESIRED STATE  CURR
   helloworld.1.8p1vev3fq5zm0mi8g0as41w35  alpine  worker2   Running        Runr
   helloworld.2.c7a7tcdq5s0uk3qr88mf8xco6  alpine  worker1   Running        Runr
   helloworld.3.6crl09vdcalvtfehfh69ogfb1  alpine  worker1   Running        Runr
   helloworld.4.auky6trawmdlcne8ad8phb0f1  alpine  manager1  Running        Runr
   helloworld.5.ba19kca06l18zujfwxyc5lkyn  alpine  worker2   Running        Runr
   ```

   You can see that swarm has created 4 new tasks to scale to a total of 5 running instances of Alpine Linux. The tasks are distributed between the three nodes of the swarm. One is running on `manager1`.

4. Run `docker ps` to see the containers running on the node where you’re connected. The following example shows the tasks running on `manager1`:

```
$ docker ps

CONTAINER ID        IMAGE               COMMAND             CREATED
528d68040f95        alpine:latest       "ping docker.com"   About a minute ag
```

If you want to see the containers running on other nodes, ssh into those nodes and run the `docker ps` command.

What's next?

At this point in the tutorial, you're finished with the `helloworld` service. The next step shows how to delete the service (/engine/swarm/swarm-tutorial/delete-service/).

tutorial (/search/?q=tutorial), cluster management (/search/?q=cluster management), swarm mode (/search/?q=swarm mode), scale (/search/?q=scale)