

Deploy a service to the swarm

After you create a swarm (/engine/swarm/swarm-tutorial/create-swarm/), you can deploy a service to the swarm. For this tutorial, you also added worker nodes (/engine/swarm/swarm-tutorial/add-nodes/), but that is not a requirement to deploy a service.

1. 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:

```
$ docker service create --replicas 1 --name helloworld alpine ping docker.com
9uk4639qpg7npwf3fn2aaskr
```

- The `docker service create` command creates the service.
- The `--name` flag names the service `helloworld`.
- The `--replicas` flag specifies the desired state of 1 running instance.
- The arguments `alpine ping docker.com` define the service as an Alpine Linux container that executes the command `ping docker.com`.

3. Run `docker service ls` to see the list of running services:

```
$ docker service ls
```

ID	NAME	SCALE	IMAGE	COMMAND
9uk4639qpg7n	helloworld	1/1	alpine	ping docker.com

What's next?

Now you've deployed a service to the swarm, you're ready to inspect the service (/engine/swarm/swarm-tutorial/inspect-service/).

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