You will run this app on a single node. Then, to scale that app on a cluster, you will learn the concepts powering SwarmKit, Docker’s native orchestration system. Armed with this new knowledge, you will setup your own Swarm cluster across five nodes, and use it to deploy the demo app.

We recommend that you open two tabs or two windows for that lab: one for the materials, another for the Play-With-Docker environment.

Links:

* [Introduction](https://jpetazzo.github.io/orchestration-workshop/) (recommended reading)
* [Part 1](https://jpetazzo.github.io/orchestration-workshop/#part-1)
* [Play-With-Docker](http://play-with-docker.com/) environment

You will learn about the security features of Swarm: secrets, cluster locking, network encryption, and more.

You will also see how to implement logging, metrics, and will given a galore of tips and tricks to operate Swarm.

We recommend that you open two tabs or two windows for that lab: one for the materials, another for the Play-With-Docker environment.

Links:

* [Introduction](https://jpetazzo.github.io/orchestration-workshop/) (recommended reading)
* [Part 2](https://jpetazzo.github.io/orchestration-workshop/#part-2)
* [Play-With-Docker](http://play-with-docker.com/) environment