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# **collabnix Documentation**

***Release latest***

**Aug 02, 2023**



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## Contents

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## # Welcome to Docker Labs

Docker Labs brings you tutorials that help you get hands-on experience using Docker & Kubernetes. Here you will find complete documentation of labs and tutorials that will help you, no matter if you are a beginner, SysAdmin, IT Pro or Developer. Yes, you read it right ! Its \$0 learning platform. You don't need any infrastructure. Most of the tutorials runs on [Play with Docker Platform](<https://labs.play-with-docker.com/>) & [Play with Kubernetes Platform](<https://training.play-with-kubernetes.com>). This is a free browser based learning platform for you. Docker tools like Docker Engine, Docker Compose & Docker Machine are already installed. Hence, we have everything ready for you to get started with.

## # Getting Started in 3 Simple Steps

- Join 3000+ Collabnix Labs Contributors in 2 mins via [DockerLabs Slack Channel]([https://join.slack.com/t/collabnix/shared\\_invite/enQtODgyMjk0MzU5ODQyLTM1MGI0M2EzMGM3MTNiYTl0OGFiNjY2NzI1OTY2N2E1Yjk1N2N](https://join.slack.com/t/collabnix/shared_invite/enQtODgyMjk0MzU5ODQyLTM1MGI0M2EzMGM3MTNiYTl0OGFiNjY2NzI1OTY2N2E1Yjk1N2N))
- Fork, Contribute & Share via [DockerLabs GITHUB Repository](<https://github.com/collabnix/dockerlabs>)
- [![Twitter URL]([https://img.shields.io/twitter/url/https/twitter.com/fold\\_left.svg?style=social&label=Follow%20%40collabnix](https://img.shields.io/twitter/url/https/twitter.com/fold_left.svg?style=social&label=Follow%20%40collabnix))](<https://twitter.com/collabnix>)

## # Docker Workshop/Labs

- [Getting Started: Why, What & How about Docker?]([http://dockerlabs.collabnix.com/docker/Docker\\_VIT\\_Intro/Docker\\_VIT\\_Intro.html](http://dockerlabs.collabnix.com/docker/Docker_VIT_Intro/Docker_VIT_Intro.html))
- [Docker101](./workshop/docker/README.md) - Completed
- [Docker201](./intermediate/workshop/README.md) - Completed
- [Docker301](./advanced/workshop/README.md) - In-Progress

## ## Docker Tutorials

- [Docker for Beginners](./beginners/README.md)
- [Docker for Intermediate](./intermediate/README.md)
- [Docker for Advanced](./advanced/README.md)
- [Docker Cheatsheet](./docker/cheatsheet/README.md)
- [Docker Certificate Associate Exam Preparation](./docker/dca.md)
- [Docker Interview Questions](./docker/docker-interview-questions.md)

## ## Kubernetes Workshop/Labs

- [Kubernetes101](<https://collabnix.github.io/kubelabs/>)
- [Kubernetes201]() - Pending
- [Kubernetes301]() - Pending

## ## Kubernetes Tutorials

- [Kubernetes for Beginners](./kubernetes/README.md)
- [Kubernetes for Intermediate](./kubernetes/Intermediate/README.md)
- [Kubernetes for Advanced](<https://github.com/collabnix/dockerlabs/tree/master/kubernetes/README.md>)
- [Kubernetes Cheatsheets](./kubernetes/cheatsheets/kubectl.md)
- [Kubetools](<https://collabnix.github.io/kubetools/>)

## # Docker-Ready Stack for You

In case you're looking out to conduct workshop or demo, you can refer these below links to bring up Application Stack in no time.

### ## Web Framework

- [Docker + WordPress + Docker Swarm](./solution/wordpress/README.md)
- [Docker + Django + PostgreSQL](./solution/django-postgres/readme.md)
- [Docker + Gomodule](./beginners/httpserver\_go\_module\_and\_docker.md)

### ## Monitoring

- [Docker, Prometheus Stack + Docker Swarm](./play-with-docker/docker-prometheus-swarm/README.md)

### ## Logging

- [Docker + Elasticsearch + Logstash + Kibana + Docker Swarm](./play-with-docker/ELK/README.md)

### ## Testing Tools

- [Docker + Apache Jmeter + Docker Swarm Mode](./play-with-docker/jmeter-docker/README.md)

### ## Demos

- [Docker + Voting App Example](./play-with-docker/example-voting-app/README.md)

### ## Networking

- [Docker + MacVLAN](./play-with-docker/macvlan/README.md)
- [Docker, Docker Compose & IPv6](./play-with-docker/ipv6/README.md)

### ## Developer WorkFlow

- [Docker for Java Developer]() - Coming soon

### ## Docker Security

- [Introduction to Docker Security]() - Coming soon

## # Governance

Dockerlabs is an independent community project founded by [Ajeet Singh Raina](https://github.com/ajeetraina), a [Docker Captain](https://www.docker.com/captains/ajeet-singh-raina) & Docker Community Leader which is now being built & shaped by a growing community of contributors across the globe.

## # Core Contributors

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/><sub><b>Bala</b></sub>](https://github.com/balasu)<br /> |
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### ### How to Contribute

Thank you so much for showing your interest in contributing to [Dockerlabs](https://github.com/collabnix/dockerlabs) tutorials.

[Guide to submitting your own tutorial](./CONTRIBUTING.md)<br> [Template for writing Tutorial Page](./template/EXAMPLE.md)

### ### License

[Apache License 2.0](./LICENSE.md)

[Proceed to Beginners Track >>](./beginners/README.md)