

Kubernetes

Orchestration in Detail

Container platforms, such as Docker, are found in many companies. In this context, it is important to have a container platform which enables both the administrators and users of this platform to scale their applications and to offer an efficient solution for the management of the container environment. Products like Kubernetes are applied for this purpose. During this course, a Kubernetes platform will be set up and the technical options of this platform will be discussed. The course provides a thorough insight into the installation, configuration, and basic operation of Kubernetes.

Course Contents

- Overview and Architecture of Kubernetes
- Installation of Kubernetes
- Operation and Configuration
- Working with kubectl and kubernetes
- Pod, Deployments, and ReplicaSets
- Ingress and Services
- Secrets and ConfigMaps
- StatefulSets, CronJobs, DaemonSets
- Network with CNI and CoreDNS

E-Book You will receive the comprehensive documentation package of the ExpertTeach Networking series – printed documentation, e-book, and personalized PDF! As online participant, you will receive the e-book and the personalized PDF.

Target Group

The course addresses students who wish to obtain an overview of the features and functioning mode of Kubernetes and who are interested in the technical aspects of the implementation and operation.

Prerequisites

Basic know-how in Linux as well as basic networking and IT knowledge are required. In addition, the students should have the know-how imparted in the course Docker Fundamentals—Introduction to the Docker World.

This Course in the Web



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