

Unify Academy Training News

Basics of Kubernetes & Docker Workshop (KUBEDOCWCS)

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Target Group:

Service
Administrators

Brief Description:

The use of container technologies has increased massively in recent years. Containers are slimmer than virtual machines and provide excellent support for modern programming approaches. In addition, there is a globally used system of existing images for containers, which can easily be used as the starting point for your own developments. However, the question arises as to how such container environments can best be managed. Kubernetes has become the de-facto standard as an orchestration solution and is used to provide reliable and scalable container-based applications.

Prerequisites:

essential Linux know how

Aims:

The participant knows:

- the basics of Kubernetes
- the basics of Docker

Content:

Introduction - Necessity of Kubernetes (K8s)
Basics about Containers
Install K8s
Frequent K8s commands
The most significant K8s objects

- Pods
- Labels and Annotations
- Services
- ReplicaSets
- DaemonSets
- ConfigMaps and Secrets
- Deployments
- StatefulSets

Role based access control
Storage solutions that are integrated with K8s



Troubleshooting
HTTP(S) Loadbalancing with Ingress
Kubernetes high availability
Examples of real applications

Duration: 3 Days

Delivery: Synchronous Virtual University (SVU)

Course price: Global list price € 1.900,00 + VAT
(Your individual discount will be calculated at the end of the booking process.)

Course in Web: [Basics of Kubernetes & Docker Workshop \(KUBEDOCWCS\)](#)

Course Dates: ~~26. May 2025 (10:00am) to 28. May 2025 (04:30pm) in english~~ **canceled**

NEW DATE:
19. May 2025 (10:00am) to 21. May 2025 (04:30pm) in english

Time zone: [Is related to time zone Germany \(CET\)](#)

Enrolment: You can book the course via ptm-Akademie:

Internet: <https://www.ptm.de/de/>

Or send your order to the ptm course office: ptm-unify@ptm.de

Attention: **This knowledge is required to support new versions of e. g. VCCS, UC and other Unify products based on these technologies.**

With best regards

Unify Academy Germany

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