Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)

Amazon EKS makes it easy for you to run Kubernetes on AWS without needing to install, operate, and maintain your own Kubernetes control plane. In this three-day course, you'll learn container management and orchestration for Kubernetes using Amazon EKS. You'll build an Amazon EKS cluster, configure the environment, deploy the cluster, and add applications to your cluster. Also discover how to manage container images using Amazon Elastic Container Registry (ECR) and learn how to automate application deployment. In addition, you'll deploy applications using CI/CD tools. You'll review how to monitor and scale your environment by using metrics, logging, tracing, and horizontal/vertical scaling. Learn efficiency, cost, and resiliency by designing and managing a large container environment. Lastly, explore configuring AWS networking services to support the cluster and learn how to secure your Amazon EKS environment.

Course Contents
Module 0: Course Introduction
Module 1: Kubernetes Fundamentals
Module 2: Amazon EKS Fundamentals
Module 3: Building an Amazon EKS Cluster
Module 4: Deploying Applications to Your Amazon EKS Cluster
Module 5: Configuring Observability in Amazon EKS
Module 6: Balancing Efficiency, Resilience, and Cost Optimization in Amazon EKS
Module 7: Managing Networking in Amazon EKS
Module 8: Managing Authentication and Authorization in Amazon EKS
Module 9: Implementing Secure Workflows
Module 10: Managing Upgrades in Amazon EKS

You have access to the labs for another 14 days after the course. This way you can repeat exercises or deepen them individually.

E-Book You will receive the original course documentation by Amazon Web Services as an e-book.

Target Group
Anyone who will provide container orchestration management in the AWS Cloud, including DevOps engineers and systems administrators

Prerequisites
• Completed Amazon Elastic Kubernetes Service (EKS) Primer
• Basic Linux administration experience
• Basic network administration experience
• Basic knowledge of containers and microservices

Status 04/03/2024

This Course in the Web
You can find the up-to-date information and options for ordering under the following link:
www.experteach-training.com/go/**AWEK**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates
To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!
We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	**3 Days**	**€ 2,685**
Online Training	**3 Days**	**€ 2,685**
Date/course venue	Course language German	
08/07-10/07/24 HY Düsseldorf	07/10-09/10/24 HY Hamburg	
08/07-10/07/24 HY Online	07/10-09/10/24 HY Online	

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Table of Contents
Running Containers on Amazon Elastic Kubernetes Service (Amazon EKS)