Fast Lane

Cloudera Training for Apache Kafka (CTAK)

ID CTAK   **Preis** auf Anfrage   **Dauer** 4 Tage

Zielgruppe

This course is designed for system administrators, data engineers, and developers. All students are expected to have basic Linux experience, and basic proficiency with the Java programming language is recommended. No prior experience with Apache Kafka is necessary.

Kursziele

During this course, you learn how to:

- Plan, deploy, and operate Kafka clusters
- Create and manage topics
- Develop producers and consumers
- Use replication to improve fault tolerance
- Use partitioning to improve scalability
- Troubleshoot common problems and performance issues

Kursinhalt

- Kafka Overview
- Deploying Apache Kafka
- Kafka Command Line Basics
- Using Streams Messaging Manager (SMM)
- Kafka Java API Basics
- Improving Availability through Replication
- Improving Application Scalability
- Improving Application Reliability
- Monitoring Kafka
- Managing Kafka
- Message Structure, Format, and Versioning
- Improving Application Performance
- Improving Kafka Service Performance
- Securing the Kafka Cluster

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Weltweite Trainingscenter

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