

Cel szkolenia

This four-day training course from Cludera covers the system administration aspects of Hadoop from hardware specification, through installation and configuration, to load balancing, tuning, diagnosing and solving problems in your deployment.Format:

This course will alternate between instructional sessions and hands-on exercises.Applicability:

This course is appropriate for system administrators who will be setting up or maintaining a Hadoop cluster.

Czas trwania

4 dni

Konspekt

1. Introduction
2. An Introduction To Hadoop And HDFS
 - Why Hadoop"
 - HDFS
 - MapReduce
 - Hive, Pig, HBase, and Other Ecosystem Projects
 - Hands-On Exercise: Installing a pseudo-distributed cluster
3. Planning Your Hadoop Cluster
 - General Planning Considerations
 - Choosing The Right Hardware
 - Node Topologies
 - Choosing The Right Software
4. Deploying Your Cluster
 - Installing Hadoop
 - Using SCM Express For Easy Installation
 - Typical Configuration Parameters
 - Configuring Rack Awareness
 - Using Configuration Management Tools
 - Hands-On Exercise: Installing a Hadoop cluster
5. Managing and Scheduling Jobs
 - Starting and stopping MapReduce jobs
 - Hands-On Exercise: Managing jobs
 - The FIFO Scheduler
 - The FairScheduler
 - Hands-On Exercise: Using The FairScheduler
6. Cluster Maintenance
 - Checking HDFS with fsck
 - Hands-On Exercise: Breaking The Cluster
 - Copying data with distcp
 - Rebalancing cluster nodes
 - Adding and removing cluster nodes
 - Hands-On Exercise: Verifying The Cluster's Self-Healing Features
 - Backup And Restore
 - Upgrading and Migrating
 - Hands-On Exercise: Backing Up And Restoring The NameNode Metadata
7. Cluster Monitoring, Troubleshooting, and Optimizing
 - Hadoop Log Files
 - Using the NameNode and JobTracker Web Uis
 - Interpreting Job Logs
 - Monitoring with Ganglia
 - Other monitoring tools
 - General Optimization Tips

Cena szkolenia
1740 EUR netto

+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury

Najbliższe terminy

2014-06-23, Kraków
2014-09-08, Warszawa
2014-10-20, Prague

[Zarezerwuj online](#)

Zapytaj o szczegóły:

tel. 12 29 84 777
compendium@compendium.pl

- Benchmarking Your Cluster
- 8. Populating HDFS From External Sources
 - Using Sqoop
 - Using Flume
 - Best Practices for Data Ingestion
- 9. Installing And Managing Other Hadoop Projects
 - Hive
 - Pig
 - Hbase
 - Hands-On Exercise: Configuring the Hive Shared Metastore
- 10. Cloudera Certified Administrator for Apache Hadoop Exam

Wymagania

Basic Linux system administration experience is a prerequisite for this training session.

Certyfikaty

The participants will obtain certificates signed by Cloudera (course completion) and 6 month access to the practice exam which can verify knowledge and bring out the nature of certification exam available through the Pearson VUE test centers Cloudera Administrator Training for Apache Hadoop (CAAH).

Lokalizacje

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Prowadzący

Certified Cloudera Instructor.

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1740 EUR netto
Do ceny należy doliczyć 23% VAT