

Optimizing Storage with Apache Ozone

OEM: Cloudera • Duration: 2 Days (16 hrs) • Code: DENG-236

COURSE MODULES & TOPICS

Ozone Introduction and Concepts

- Introduction
- Why Ozone?
- Ozone Concepts

Working with Ozone

- File System and Admin Commands
- Transferring Data between Ozone and HDFS
- Setting Quotas and ACLs
- Controlling Replication
- DataNode Layout and Failover

Application Integration

- Ozone Data Locality
- Integrating Ozone with Apache Hive and Impala
- Integrating Ozone with Apache Spark
- Integrating Ozone with Apache NiFi

Data Migration

- HDFS and Ozone
- Ozone Configuration
- Mapping the HDFS Namespace to Ozone
- Data Migration using DistCp

Performance Tuning

- Ozone Pipelines
- Baseline Load Testing with Freon
- Upgrading Ozone