



HDP Operations: Hadoop Administration 2 HOMCOS

This course is designed for experienced administrators who manage Hortonworks Data Platform (HDP) 2.3 clusters with Ambari. It covers upgrades, configuration, application management, and other common tasks.

HDP Operations: Hadoop Administration 2

Price USD \$2,400

Links to local schedules, pricing and [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # HOMCOS

Category Big Data

Duration 3 days

Audience

- IT administrators and operators responsible for configuring, managing, and supporting a Hadoop 2.3 deployment in a Linux environment using Ambari.

Prerequisites

- Attendees should have attended HDP Operations: Hadoop Administration 1 or possess equivalent knowledge and experience. Attendees should be familiar with basic HDP administration and Linux environments.

Course objectives

- Execute automated installation of and upgrades to HDP clusters
- Configure HDFS for NFS integration and centralized caching
- Control application behavior using node labels
- Deploy applications using Slider
- Understand how to configure HDP for optimum Hive performance
- Understand how to manage HDP data compression
- Integrate Ambari with an existing LDAP environments to manage users and groups
- Configure high availability for Hive and Oozie
- Ingest SQL tables and log files into HDFS
- Support scalable and automated HDP application best practices
- Configure automated HDP data replication

Course outline

Hands-On Labs

- Introduction to the Lab Environment
- Perform an HDP Rolling Upgrade
- Configure HDFS NFS Gateway
- Configure HDFS Centralized Cache
- Configure YARN Node Labels
- Deploy HBase using Slider
- Integrate Ambari with LDAP
- Configure Hive High Availability
- Run an Oozie Workflow
- Configure Oozie High Availability
- Configure Data Mirroring using Falcon
- Install HDP using Ambari Blueprints

Additional Topics

- Hive Performance Tuning
- Managing Data Compression

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