

SUMMIT TRAINING OFFERING

HORTONWORKS DATA PLATFORM (HDP®)

OPERATIONS: ADMINISTRATION

2 DAYS 
BEGINNER ADMINISTRATOR

This **2 day** course is designed for administrators who will be managing the Hortonworks Data Platform (HDP) 2.5 with Ambari. It Covers installation, configuration, and other typical cluster management tasks.

PREREQUISITES

No previous Hadoop knowledge is required, though will be useful. Attendees should be familiar with data center operations and Linux system administration. Students will need to bring their wi-fi enabled laptop pre-loaded with Chrome or Firefox browser in order to complete hands-on labs.

TARGET AUDIENCE

IT administrators and operators responsible for installing, configuring, and supporting an HDP 2.5 deployment in a Linux environment using Ambari.

FORMAT

50% Lecture/Discussion

50% Demos/Hands-On Labs

COURSE OBJECTIVES

- Add, Remove, Replace Cluster Nodes
- Configure Rack Awareness
- Configure High Availability NameNode and YARN Resource Manager
- Manage Hadoop Services
- Manage HDFS Storage
- Manage YARN
- Configure Capacity Scheduler
- Monitor Cluster

LABS

- Install HDP
- Managing Ambari User and Groups
- Manage Hadoop Services
- Using Hadoop Storage
- Managing Hadoop Storage
- Managing YARN Service using Ambari Web UI
- Managing YARN Service using CLI
- Setting UP for Capacity Scheduler
- Managing YARN Containers and Queues
- Managing YARN ACLs and User Limits
- Adding, Decommissioning and Recommissioning Worker Nodes
- Configuring Rack Awareness
- Configuring NameNode HA
- Configuring ResourceManger HA

About Hortonworks

Hortonworks is a leading innovator at creating, distributing and supporting enterprise-ready open data platforms. Our mission is to manage the world's data. We have a single-minded focus on driving innovation in open source communities such as Apache Hadoop, NiFi, and Spark. Our open Connected Data Platforms power Modern Data Applications that deliver actionable intelligence from all data: data-in-motion and data-at-rest. Along with our 1600+ partners, we provide the expertise, training and services that allows our customers to unlock the transformational value of data across any line of business. We are Powering the Future of Data™.

Contact

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