

# SUMMIT TRAINING OFFERING

## **HORTONWORKS DATAFLOW (HDF®)**

### **OPERATIONS**

**2 DAYS**    
INTERMEDIATE DEVELOPER

This **2 day** course is designed for ‘Data Stewards’ or ‘Data Flow Managers’ who are looking forward to automate the flow of data between systems.

### **PREREQUISITES**

It is recommended that participants have some experience with Linux and a basic understanding of DataFlow tools. 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**

Data Engineers, Integration Engineers and Architects who are looking forward to automate Data flow between systems.

### **FORMAT**

50% Lecture/Discussion

50% Demos/Hands-On Labs

## COURSE OBJECTIVES

- Understand what is HDF and what is Nifi, Core concepts and use cases
- Understanding Nifi Architecture and Key features
- Learn deep about Nifi User interface and how to build a Data flow
- Understanding a Nifi Processor, Connection, Process Groups and Remote Process Groups
- Basic overview of Data Flow Optimization and Data Provenance
- Understanding Nifi Expression Language
- Installing and Configuring a Nifi Cluster
- Understanding security and monitoring options for HDF
- Integrating HDF and HDP
- HDF System and Nifi best practices

## LABS

- Building a NiFi Data Flow
- Working With Processor Group
- Working With Remote Processor Group [Site--to--Site]
- NiFi Expression Language
- Using Templates
- Working With NiFi Cluster
- NiFi Monitoring
- HDF Integration with HDP [Spark,Kafka,Hbase]
- Securing HDF with 2-way SSL
- NiFi User Authentication with LDAP
- End of the course project

### **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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