



PROFESSIONAL SERVICES OFFERING HORTONWORKS DATA FLOW (HDF) QUICK START

HDF Quick Start helps your organization to unlock the power of your data by embedding Hortonworks DataFlow (HDF) as a foundational element in your data ecosystem. Our objective is to accelerate your journey with HDF and to improve your ability to collect, curate, analyze and deliver data from any source, to any destination on-premises and in the cloud. By providing a single, secure and reliable system for the transport of heterogeneous types of data, HDF significantly alleviates the operational inefficiencies related to data ingestion, log analytics and data movement. As a result, Big Data ingestion and processing can be compressed from months to minutes.

HIGHLIGHTS

- Accelerate the time to value in building your data-in-motion platform
- Establish a strong foundation to create a streaming data ingest competency
- Leverage the collective knowledge and expertise of Hortonworks to drive your implementation
- Achieve your first win quickly by rapidly deploying an initial use case.

BUILDING YOUR BIG DATA INGEST FOUNDATION

The initial implementation of a streaming ingest technology can be a daunting task, causing your first endeavor to contain greater risk due to scope uncertainty, lack of expertise, and overambitious designs. By leveraging our recommended practices, your initial project can become a quick win and can establish a strong foundation to build future projects. The HDF Quick Start helps you achieve this victory by reducing risks.

WHAT WE OFFER

The HDF Quick Start is designed to help you begin functioning with HDF quickly and successfully. A Hortonworks Professional Services expert will develop and implement a blueprint based on recommended practices built across numerous customer engagements. The HDF Quick Start includes architectural review, installation, operational readiness, quick win delivery, and knowledge transfer. At the completion of the HDF Quick Start, your team will not only have gained valuable experience from partnering with your Hortonworks expert, you will also have an operational HDF cluster with a use-case implemented.

WHY HORTONWORKS PROFESSIONAL SERVICES

Hortonworks has the experience of running live dataflows at a global scale. The team includes members who created the Apache™ NiFi technology, and can provide expert guidance on the best practices for data ingestion at all stages. As dataflows scale in size and complexity, they evolve to have different characteristics that require different architectural approaches. Hortonworks Professional Services ensures you begin immediately with a solid foundation for data movement optimized for both short term gain and sustainable longevity.

SERVICE DESCRIPTION

The HDF Quick Start will deliver one operational HDF cluster based on your choice of deployment models; on premise, cloud, or hybrid. With the deployment, one predefined and agreed use case will be implemented based on a standard Apache NiFi processor (check the Apache NiFi documentation for the latest list at <https://nifi.apache.org/docs.html>). A HDF Quick Start engagement will typically consist of the following:

PROJECT DETAILS

Architectural Review

- Conduct environmental analysis, validate against the selected use case, validate installation platform
- Discuss key points that will dictate software component selection and installation
- Review and validate appropriate cluster sizing and capacity based on anticipated data ingestion volume and rate.

HDF Installation

- Install the applicable HDF components
- Configure the HDF cluster tuning parameters based on best practices.

HDF Operational Readiness

- Help enabling the HDF service monitoring and alerting mechanism capabilities, and HDF service components high-availability features.

Quick Wins

- Delivery of one pre-defined use case accelerator to prove the value of HDF and deliver a real world experience consisting entirely of standard Apache NiFi processors.
 - Log File Ingestion
 - Log Analytics Optimization
 - Streaming Analytics Feed.

Knowledge Transfer

- Conduct a peer-to-peer HDF knowledge transfer session
- Complete engagement summary document detailing activities performed and delivered
- Document and share HDF Best Practices
- Perform formal project hand-off with Hortonworks technical support team.

CUSTOMER TASKS AND PREREQUISITES

- For the Log Ingest use case accelerator, you must have a fully operational Apache Hadoop cluster with any distribution of Apache HDFS 2.x or higher installed
- Ensure the applicable data storage and movement is compliant with your company's enterprise security policies and regulations
- Keep all the dependent systems for data ingest ready, available and accessible to the Hortonworks architect
- Collaborate with pre-sales team to complete the Hortonworks HDF Pre-Engagement Questionnaire.

OUT OF SCOPE

- Custom Apache NiFi processor development
- Performance modeling, testing, or benchmarking
- Cleansing, cleanup, enrichment, or remediation of data ingested
- Institutionalization of developed code or solutions
- Deployment of security components.

FOR MORE INFORMATION

This document does not constitute an offer. For more information about HDF Quick Start or any other Hortonworks Professional Services, contact your Hortonworks representative or visit our website: hortonworks.com/services

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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