



PROFESSIONAL SERVICES OFFERING HORTONWORKS DATA PLATFORM (HDP®) QUICK START

The Hortonworks Data Platform (HDP®) Quick Start Services Package will help you get up and running with Hadoop quickly and successfully. The objective is to install and configure HDP to enable your organization to begin its journey with Hadoop, taking advantage of Hortonworks' experience helping hundreds of customers worldwide.

The HDP Quick Start Services Package is a pre-defined services engagement to install and configure HDP and transfer knowledge to your organization. A Hortonworks Certified Professional will complete the work over consecutive days. A typical engagement takes five or fewer days to complete.

HIGHLIGHTS

- Deploy your Hortonworks Data Platform cluster in one week
- Gain knowledge to help your team run your Hortonworks Data Platform cluster optimally within a modern data architecture
- Apply best practices and expertise to quickly gain value from your Hortonworks Data Platform cluster.

PROJECT STEPS

Below is a list of steps to be performed in a typical HDP Quick Start project:

Architecture review

- Discuss key points that will dictate deployment decisions
- Determine software layout to each server
- Discuss sizing and data requirements.

Pre-installation

- Determine installation type
- Validate environment readiness
- Install Ambari agents.

HDP installation and deployment

- Use Ambari to deploy to the agreed upon architecture.

HDP high level overview

- Provide overview of each subsystem
- Ensure smoke test worked on each subsystem
- Shutdown and restart all services.

HDP cluster tuning

- Configure cluster parameters based on hardware specification
- Run benchmarking tools for establishing an initial baseline.

High availability

- Configure HA Name Node
- Configure HA Resource Manager
- Test HA Name Node and HA Resource Manager.

Cluster management

- Review add/remove nodes/services.

HDP configurations backup

- Backup important site xml files
- Backup Ambari server configurations
- Backup Ambari agent configurations
- Backup default Databases used by the cluster
- Backup Hive meta store.

Cluster monitoring

- Provide Ambari alert overview
- Provide Ambari metrics overview.

Documentation

- Complete operational runbook document based on a Hortonworks developed template.

Knowledge transfer (KT) and plan next steps

- Complete KT session with customer team on activities performed and best practices
- Conduct client meeting to discuss next engagement and use cases.

Transition to support

- Update Hortonworks customer support team on all activities performed.

DELIVERABLES

- HDP installed and configured
- Knowledge transfer on activities performed
- Complete operational runbook document based on a Hortonworks-developed template.

PROJECT ASSUMPTIONS

- Hardware and environment configurations comply with HDP Quick Start reference architectures
- Compliant hardware is installed, available, racked and networked and operating system is installed before the project start date
- The pre-engagement HDP Quick Start questionnaire is completed before the project start date
- HDP base services components will be installed following the list in the pre-engagement questionnaire
- Only default databases will be installed with HDP cluster installation
- All of the work will be executed on a single cluster environment
- Hortonworks will have direct access to the cluster resources in completing installation and administration activities.

CUSTOMER TASKS AND DEPENDENCIES

- Assign a project manager or lead technical resource to monitor progress and resolve issues on the customer side
- Provide all resources and deliverables in support of this initiative, specifically those that are required but outside the scope of HDP

- Procure and configure your hardware environment appropriate for HDP installation and use case before project start date
- Prepare your network infrastructure including DNS and DHCP
- Prepare your deployment platform, either physical machines or VMs
- Install a supported OS on the deployment platform
- Ensure that internet connectivity exists on at least one of the deployment nodes
- Provide the following to Hortonworks consultants:
 - All necessary hardware and software
 - All necessary documentation, information and instructions required to complete the engagement
 - All necessary remote access and security rights
 - All necessary system administration support, including root- or sudo-level access
 - For on-site work, all necessary building access and work facilities.

OUT OF SCOPE

- Installation and configuration of non-Hortonworks software
- Installation in more than one environment
- Deployment of security components
- Installation or configuration of operating systems
- Custom application development or use case development
- Performance modeling, testing or benchmarking
- Data ingestion, cleansing, cleanup or remediation
- Data and code migration.

Our goal is to ensure you have what is needed to accelerate your adoption and deployment of the Hortonworks Data Platform, leveraging Hortonworks expertise and best practices.

This HDP Quick Start Services Package is governed by the terms and conditions of the Hortonworks Master Services Agreement as referenced online at <http://hortonworks.com/agreements>.

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®.

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