



PROFESSIONAL SERVICES OFFERING BIG DATA AND ANALYTICS CENTRE OF EXCELLENCE (COE)

HIGHLIGHTS

- Gain access to expertise and best practices from Hortonworks, the industry leader in Open Enterprise Apache™ Hadoop®
- Gain an understanding of organizational strengths, weaknesses, and gaps needing to be addressed
- Address key foundational requirements and activities necessary to position your organization to succeed

SERVICE DESCRIPTION

Hortonworks to partner with the Executive, Business and IT teams to build a Big Data and Analytics COE, a shared service providing thought leadership, best practices, research and development, process and governance, support and training to all lines of business across the enterprise by evolving the use of all types of organizational data to drive strategic business value and reduce TCO.

ENGAGEMENT DETAILS

Below is a list of key activities to be performed as part of the COE project:

Organizational Assessment

- Big Data Scorecard analysis
- Organizational Skills Assessment analysis
- Maturity and cultural exploration workshops
- Talent acquisition analysis
- Organizational design analysis
- Analytic capabilities analysis.

Technical Assessment

- Technical maturity assessment
- Deployment options analysis
- Development practices assessment
- EPMO process and maturity analysis
- Security analysis
- Data management practices assessment.

Hortonworks Data Platform (HDP®)/ Hortonworks DataFlow (HDF™) cluster validation

- Environmental analysis and validation against core Quick Wins use cases
- Validation of HDP/HDF tooling.

Program Initiation

- Program governance defined
- Program backlog created
- Program plan and recommendations created.

Organizational Enablement

- Best practices documented and shared
- Internal communities formed
- Metrics and KPIs defined
- Mentoring program spawned.

Quick Wins

- Delivery of 1-2 simple use cases to prove value and deliver real world experience.

Training

- Formal and peer-to-peer HDP/HDF training curriculum defined and scheduled
- Executive training program created.

Technical Enablement

- Development leadership and BBP provided
- Development frameworks collaboratively created
- Security strategy and blueprint developed.

Deliverables

- Organizational blueprint and transformation strategy
- Technical recommendations
- Recommendations on data strategies
- Resource identification and training plan
- Base HDP/HDF cluster validation.

Project Assumptions

- Business and technical buy-in achieved
- Hardware is installed and available
- Hortonworks will have direct access to critical resources
- Big Data Scorecard and Skills Assessment surveys have been complete.
- HDP/HDF clusters already exist.

Customer tasks and dependencies

- Assign a project manager or Scrum Master to monitor progress and function as point-of-contact
- Provide access to all necessary resources required to support this initiative
 - IT Systems
 - Personnel
- Procure and configure hardware environment appropriate for HDP and/or HDF installation
- Ensure reasonable levels of executive support within both technology and core business disciplines.

Recommended Customer Team

- Executive Sponsor
- Project Manager
- Enterprise Architect
- Technical Lead
- Business Lead
- Business-to-Technical Liaison.

Typical Hortonworks Team

- Program Consultant
- Technical Lead
- Systems Architect
- Business Architect
- Development Lead
- Engagement Manager.

Out of Scope

- Installation and configuration of non-Apache Hadoop software
- Installation in more than one environment
- Deployment of security components
- Institutionalization of developed code or solutions outside of pre-determined use case(s) identified as Quick Wins.
- Implementation of recommendations.

This document does not constitute an offer. For more information about Center of Excellence or any other Hortonworks Professional Services offering, 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™.

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