

Hortonworks Professional Services

Big Data and Analytics CoE Accelerator Offering

Highlights

- Gain access to expertise and best practices from Hortonworks, the industry leader in Open Enterprise 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

Hortonworks Center of Excellence (CoE) Accelerator project overview:

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.

Project Steps

Below is a list of key activities to be performed as part of the Center of Excellence Accelerator 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

HDP/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-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

Our goal is to help ensure you are positioned for success with long-term Big Data and Analytics use cases by building technical competencies while identifying potential barriers, leveraging Hortonworks expertise and best practices.

The Center of Excellence Accelerator project is governed by the terms and conditions of an applicable statement of work signed by Hortonworks and the customer and the Hortonworks Master Services Agreement as referenced online at <http://hortonworks.com/agreements>.

Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Hortonworks Data Platform, our distribution of Apache Hadoop, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

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