

HDP Jump Start

Key Features

- + Computing power quickly processes big data
- + Flexibility to store data without preprocessing it
- + Distributed parallel processing of larger data sets
- + Fault tolerance to protect data and application processing against hardware failure
- + Free open-source framework
- + Handles all types of data from disparate systems regardless of native format: structured, unstructured, log files, pictures, audio files, communication records, and email

Key Benefits

- + 100% open source
- + Store data without schema
- + Distributed parallel processing of large data sets
- + Scale without limits
- + Find value in previously useless data

Store and Process Large Amounts of Data

Quickly becoming the standard in data warehousing and analysis, Hadoop is a powerful and robust way for organizations to store and process large amounts of data.

Our experience with this distributed architecture and the technology surrounding it spans several industries, including telecommunications, manufacturing, and commerce. We also have a strong understanding of the common Hadoop stack:

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| + Spark | + Hive | + Flume | + Sqoop |
| + Oozie | + Kafka | + Knox | + Ranger |

The Ranzal team can help your organization do something as straightforward as migrating from a traditional OLAP system to building something as complex as a robust end-to-end analytics solution.

Get it Right the First Time!

Installing a Hadoop cluster for the first time can be a challenging proposition, especially without any prior experience. Our technologists have the knowledge and experience to get an HDP cluster working right the first time according to Hadoop's specifications and without repeatedly reinstalling the system software after finding settings that have been configured incorrectly. We can also walk your admins through the process so they know exactly what is happening at every stage.

Jump Start Provides these Benefits:

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| + Expert Installation | + Cluster Assessment |
| + Production-Ready Certification | + Technical Documentation |
| + Performance Benchmarks | + Fixed Cost |
| + Security Integration | |

Assumptions

- + Up to 10 Data Nodes
- + Standard Performance / Operation Benchmarking
- + Kerberos Applied through KDC or LDAP
- + Completed Pre-Installation Checklist

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Cluster Maintenance Option

Resident Solution Architects can be retained to help your organization with ongoing:

- + Production & Application Support
 - 24/7 Support
 - Rapid issue diagnosis/resolution
 - Expert management of Hadoop support cases
- + Monitoring & Performance
 - Automated alerting and reporting
 - Periodic System Audits
 - Advanced troubleshooting & analysis (performance issues, data bottlenecks, root cause analysis) at each level
- + Platform Support
- + New Application Architecture & Advice
- + Application Upgrade Advisor
- + Usage Reporting & Proactive Analysis
- + Periodic Roadmap Planning

Maximize the Potential of Your HDP Investment with Add-On Services

Ensuring your cluster is certified and secure is just the first step. Through an ETL, Storage, and visualization pilot, our consultants design and implement a tailored data loading, storage, and access solution that meets the needs of your business.

Data Modeling

Making the transition from a traditional database model to a distributed and denormalized system requires careful planning and design to ensure your queries get consistent results every time. We can help your organization create a system that works with your existing processes while improving query performance dramatically for end users.

Storage

Let us help you decide what file formats or compression codecs would work best for your specific use cases to make sure you are pushing the cluster to its maximum potential.

Access

Properly designed and built, the right access layer can unlock a world of insight into your data. Let us help you implement the ideal solution that will democratize the insight your business leaders demand.

Add-On Services Provide Multiple Benefits

- + Documented design of a data ETL, storage, and access solution
- + Documented design of an interactive discovery and visualization solution
- + A data ingest pilot for up to 3 sources, 10 transformations and 1 target system on the cluster
- + A data visualization pilot for delivering insight into the data

For more information about our solutions and Jump Start approach to Hadoop, email us at info@ranzal.com

About Edgewater Ranzal

Edgewater Ranzal is a full-service Oracle Platinum Consulting Partner with unrivaled expertise in delivering Oracle Hyperion Enterprise Performance Management, Business Intelligence and Big Data solutions. We consistently apply and update leading-practice methodologies to address changing business requirements and take advantage of evolving system capabilities. With resources and clients located throughout the United States, Canada, and Europe, we are one of the largest specialized Oracle Business Analytics partners. To learn more, visit ranzal.com, e-mail info@ranzal.com, or call **+1.914.253.6600**.