

Oracle Consulting Rapid Start for Oracle Big Data SQL Information Integration



Oracle Consulting Rapid Start for Oracle Big Data SQL Information Integration will rapidly extend your Big Data and Data Warehouse by allowing access to data stored on the Big Data Appliance using Big Data SQL. Oracle Big Data SQL accelerates development and lowers cost by allowing developers to utilize SQL rather than lower level languages to access data. Oracle Consulting offers exceptional Big Data SQL implementation expertise packaged as this integration rapid start service.

KEY FEATURES

- Planning, architecture and design for your Data Warehouse combining data from the Oracle Big Data Appliance and Exadata.
- Optimize your access to Data Warehouse data from your Oracle RDBMS and Oracle Big Data Appliance Hadoop file system using the world's richest SQL dialect.
- Integrate big data quickly into reports and application using existing interfaces.
- Leverage industry-leading standard practices for accessing Hadoop data with SQL and write one query encompassing big data and database.
- Reduce development costs for SQL use.
- Improve performance of queries against HDFS data by transmitting only relevant data back to Oracle Exadata.
- Use standard off-the-shelf capabilities.
- Leverage Oracle Consulting reusable assets.

KEY BENEFITS

- Optimized query performance using Hadoop smart scans to apply filtering and column project minimizing data transmitted to Oracle Exadata
- Dramatically reduced development time and cost using Oracle SQL analytics functions like pattern patching, ranking functions, hypothesis

Oracle Consulting Enables Your Success

Oracle's Big Data SQL will address your most complex business and technical requirements. It provides comprehensive features, enabling organizations to increase productivity, accelerate performance, and provide a lower total cost of ownership. Oracle Consulting helps you leverage these capabilities quickly and cost effectively with our rapid start service offering. Oracle experts will guide your team through everything necessary to install and configure Oracle Big Data SQL for your environment and prepare your team for accessing data on the Big Data appliance using SQL statements from your Oracle Exadata Database machine.

Scope of the Offering

This two-week service will accelerate your development process by simplifying development using Oracle Big Data SQL, eliminating the need to develop MapReduce code in Java, Pig or Python. During the engagement we will join data on both the Oracle Big Data Appliance and Oracle Exadata machines and guide you through a step-by-step use case assessing data on the Oracle Big Data Appliance from Oracle Exadata using external tables. Oracle experts offer best practices on how to define data on the Big Data Appliance for optimal performance. Key activities include:

- Identification of data elements to be integrated on the Oracle Big Data Appliance and into the Data Warehouse and accessed from Oracle Exadata
- Access to data on the Oracle Big Data Appliance from Oracle Exadata using the world's richest SQL dialect
- Review and optimization of your use of HDFS files and Hive Table definitions on the Oracle Big Data Appliance to simplify administration

testing, correlations and regressing – reducing dramatically the amount of Java MapReduce code.

- Optimized external tables leveraging parallelism.
- Simplified development cycle by using a schema on read approach to data stored on the Oracle Big Data Appliance enhancing your flexibility on how data is consumed.

RELATED SERVICES

FROM ORACLE CONSULTING

- Oracle Consulting Architecture Blueprint and Roadmap for Information Architecture and Oracle Big Data
- Oracle Consulting Assessment for Oracle Big Data Operational Readiness
- Oracle Consulting Rapid Start for Oracle Big Data Warehouse In-Memory Optimization
- Oracle Consulting Rapid Start for Oracle Big Data SQL Connectors

FROM ORACLE UNIVERSITY

- Expert-led training for Oracle BDA
- Learning paths and assessments for Oracle technology

FROM ORACLE PREMIER SUPPORT

- Oracle Customer Data and Device Retention
- Oracle Onsite Spares
- 24/7 Proactive Support
- My Oracle Support

WHY ORACLE CONSULTING

- **Leading Expertise:** Oracle's own experts providing thought leadership for every Oracle solution
- **Broad Coverage:** “End-to-end” lifecycle services across the entire Oracle product footprint
- **Global Scale:** 13,000 Oracle experts in 145 countries, serving over 20 million users
- **Unified Methodology:** Based on industry standards, high quality results across complex projects
- **Flexible Delivery:** Onsite, offsite, and offshore, along with innovative solutions such as Expert Services and Architecture Services

and data load performance

- Design and implementation of Oracle Exadata external table definitions to publish Hive metadata to the Oracle catalog on Oracle Exadata including new parallelism options
- Design and implementation of external table definitions to publish HDFS Files to the Oracle catalog on Oracle Exadata with new parallelism options
- Monitoring of query performance metrics including memory and CPU resources on the Oracle Big Data Appliance and Oracle Exadata

Oracle Consulting Rapid Start for Oracle Big Data SQL Information Integration

Your series of workshops begin with discovery and visioning. Following a solid understanding of the business requirements, we then focus on configuration tools created by Oracle Consulting in partnership with Oracle Product Development. These tools are leveraged in conjunction with a systematic approach to efficiently guide you through the process of architecting your Data Warehouse environment. During the workshops we produce the following outcomes:

- Facilitate discovery interviews and architecture workshops
- Prepare you and your organization for a pilot or production deployment
- Key goals and possible future state
- Business drivers, success factors, priorities
- Key data inputs, analysis needed, planned output
- Current state to future state, readiness, costs
- Preliminary plan, justification, determination to move forward

How We Are Different

The Oracle Consulting Team is focused exclusively on Oracle Technologies, and we have the experts that others turn to for leading practices in Oracle hardware and software implementations. We know how to best optimize your investment in Oracle products and can provide your business with tightly integrated, comprehensive, superior services throughout your ownership experience.

Getting Started

Leverage Oracle's methods, tools, and extensive experience with customer implementations across diverse industries and geographies. Tight integration across Consulting, Development, Support, Education, and Global Delivery puts the entire Oracle team behind your success. To learn more, contact your local Oracle Consulting representative, or visit www.oracle.com/consulting.

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Hardware and Software, Engineered to Work Together

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