

# Oracle Consulting Rapid Start for Data Warehouse In-Memory Optimization



IMPLEMENT WITH THE ORACLE DATA WAREHOUSE ARCHITECTURE EXPERTS

## KEY FEATURES

- Design, architecture and planning for your to-be Data Warehouse
- Optimize your Data Warehouse index design for near real-time operations
- Leverage industry-leading standard practices for In-Memory performance indexes
- Utilize a single database instance for mixed work loads
- Ensure you have the most up-to-date data for analytics
- Eliminate the need for a separate reporting database
- Use standard off the shelf capabilities
- Leverage Oracle Consulting reusable assets

## KEY BENEFITS

- Dramatically faster analytical performance up to 1000 times
- Faster data loading and transformations
- Reduce cost through pace savings by eliminating performance indexes on disk
- Reduced support cost by eliminating performance index maintenance activities

*Oracle Consulting Rapid Start for Data Warehouse In-Memory Optimization delivered by Oracle Consulting Data Warehouse Architects will rapidly enhance your data warehouse by leveraging Oracle In-Memory technology to decrease query response and data load times. Oracle Database in-Memory technology accelerates analytical queries by an order of magnitude, enabling real-time business decisions. We offer an exceptional data warehouse architecture complimented by world-class implementation expertise you can only expect from Oracle Consulting.*

## Oracle Consulting Enables your Success

Oracle's Database In-Memory technology will address your most complex business and technical requirements. It provides comprehensive features, enabling organizations to increase productivity, accelerate performance, and provide a lower cost of ownership. Oracle Consulting helps you leverage these capabilities quickly and cost effectively through our Rapid Start service offerings. Oracle experts will guide your team through everything necessary to both configure the Oracle In-Memory option for your environment as well as demonstrate how to leverage the innovative new In-Memory columnar format. Oracle Consulting Rapid Start for Oracle Data Warehouse In-Memory Optimization is delivered by expert consultants who focus exclusively on Oracle Data Warehousing and Big Data technologies, and will provide the guidance, thought leadership, and best practices you need to be successful.

## Scope of the Offering

This two week service is designed to accelerate ad-hoc analytical queries by using In-Memory columnar formats, enabling you to ask multiple business-driving queries and eliminating maintenance time for unnecessary row based indexes, thus decreasing data loading times. During this Rapid Start service, we will review the need for performance indexes requirements, remove disk-based performance indexes and help create In-Memory columnar indexes in order to optimize your analytical reports and queries. The Rapid Start project guides you through a step-by-step use case on how to optimize your Data Warehouse. Oracle experts will provide best practices on how to remove unnecessary disk-based indexes and add needed In-Memory indexes. Oracle Consulting Rapid Start for Oracle Data Warehouse In-Memory Optimization delivers the following:

**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.

**RELATED SERVICES**

- Oracle Consulting Rapid Start for Oracle Big Data Discovery
- Oracle Consulting Rapid Start for Oracle Database Enterprise User Security
- Oracle Consulting Rapid Start for Oracle Database In-Memory
- Oracle Consulting Migration for Oracle Database
- Oracle Consulting Assessment for Oracle Big Data Operational Readiness
- Oracle Consulting Architecture Blueprint and Roadmap for Information Architecture and Oracle Big Data

- *Thorough review and optimization of the current disk row based indexing strategy for referential integrity including primary and foreign keys*
- *Architect, design and implement In-Memory column store indexes strategy considering critical tables, sub-tables, partitions and materialized view*
- *Determination and assignment of priorities for In-Memory columnar indexes*
- *Sizing the In-Memory pool for newly created In-Memory columnar indexes*
- *Demonstration of improvements in query performance indexes*

## Oracle Consulting Rapid Start for Oracle Data Warehouse In-Memory Optimization

Your series of workshops begins 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 effectively 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
- Documentation of key goals and potential future state architecture
- Agreement on business drivers, success factors, value priorities
- Inventoried list of key data inputs, analysis needed, planned output
- Current state to future state plan, and organizational readiness, as well as total costs.
- Preliminary deployment plan, business justification and determination to move forward

## Adopting Oracle's Leading Practices Reduces Cost and Complexity

Oracle Consulting workshops emphasize an "out-of-the box" philosophy and adoption of leading practices inherent in the product. This approach is ideal for customers who prefer rapid time to value. For customers desiring higher levels of customization this is an excellent way to establish a baseline instance for the launch of a tailored implementation project.

## 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](http://www.oracle.com/consulting).



### CONTACT US

For more information about Oracle Database Consulting Services, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.

### CONNECT WITH US



## Integrated Cloud Applications & Platform Services

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