

Oracle Database Performance Tuning by Cintra

Many organizations find improving Oracle performance challenging, caught in a cycle of firefighting without optimal solutions. We deliver measurable, lasting performance improvements with deep Oracle expertise and engineering excellence.

Faster Insights. Faster time-to-value.

Our Oracle performance tuning experts deliver rapid, measurable results.

- Performance bottleneck reduction up to 70%
- 50%+ SQL and Workload Efficiency Improvement
- 40% Lower compute and cloud consumption

Why Choose Cintra to Optimize Oracle Performance?

As workloads grow, architectures evolve and systems age, performance degradation becomes unavoidable. Cintra helps you navigate the unknown with:

- **Deep Oracle expertise** - bringing 30+ years of engineering experience across a range of platforms (Enterprise, Cloud, and Exadata).
- **Architecture-led investigations** - conducting structured, end-to-end methodology across workloads, SQL, configuration and infrastructure.
- Direct alignment with Oracle best practices and proven Cintra blueprints.
- **Proven remediation methodology** - preventing regression and ensuring peak performance through proactive tuning and early-warning detection.

Performance Healthcheck

Our performance healthcheck identifies performance blockers, architectural risks, and optimization opportunities, providing a comprehensive evaluation of your environment.

KEY DELIVERABLES

Workload & SQL Analysis

- Using AWR/ASH, Statspack, and Exadata metrics to identify high-impact SQL, blocks, and bottlenecks.

Configuration & Architecture Review

- Assessing database parameters, memory structures, I/O paths, and more.

Capacity & Scalability Assessment

- Analyzing trends for CPU, memory, I/O, and storage, providing short and long-term scalability recommendations.

Security & Stability Observations

- Evaluating operational risks, patching, statistics, backups, and HA position.

OUTCOMES

Clear Findings

- A full view of performance, revealing what's holding you back and unmitigated risks to guide execution.

Actionable Remediation

- With a prioritized roadmap providing clear deliverables designed to maximize business impact.

Confidence to Proceed

- Fostering sustained performance improvement with a structured, architect-led path.

Remediation & Optimization Services

Our Oracle performance tuning stabilize, streamlines and enhances Oracle database performance with our targeted, high-impact performance optimization strategies.

Key Deliverables:

Blueprinted Configuration Alignment

- Parameter optimization and memory architecture tuning (SGA/PGA).

RAC & Exadata Optimization

- Cluster performance validation, interconnect tuning, and storage improvements.

SQL & Query Optimization

- High-impact SQL tuning, index improvements, refactoring, and segment cleanup.

Storage & I/O Path Improvements

- Optimization end-to-end across ASM, storage, and network throughput.

Ongoing Managed Performance Tuning

Performance optimization doesn't end with the last deliverable. We provide ongoing support ensuring your environment remains optimized as usage, workloads, and requirements evolve.

Key Deliverables:

Proactive Monitoring & Baseline Tracking

Continued observation of SQL, workload, memory, I/O and system events.

Monthly Performance Governance

Reviewing AWR/ASH, tracking SQL and schema drift, validating configuration, and aligning patch/statistics.

Quarterly Optimization Cycles

Tuning driven by workload needs, I/O and storage optimization, and Exadata/RAC validation.

Executive-Level Reporting

KPIs, SLA insights, cost optimization guidance, and planning aligned with business objectives.

Outcomes:

Avoid Performance Regression

Identifying and resolving issues before users are impacted.

Increased System Efficiency

Long-term platform health and improved throughput.

Predictable User Experiences

Scalable, consistent, and reliable performance.

Lower Operational & Cloud Costs

Right-sizing and reduced resource waste for ongoing cost efficiency.

Engagement Models

- **Fixed-Scope Healthcheck**
 - Gain fast insights and clear remediation guidance with a one-time deep-dive into your current workloads.
- **Project-Based Remediation**
 - Delivered by our senior performance engineers, developing targeted optimization initiatives.
- **Managed Service**
 - Monthly full lifecycle tuning and governance services offering ongoing monitoring and maintenance.

Ideal For

Cintra's performance tuning services are designed to suit a range of business needs and priorities, including:

- Enterprises experiencing unexplained performance issues.
- Businesses migrating workloads to Oracle Cloud, AWS, Azure, or Exadata.
- Companies struggling to make systems meet increasing user demand.
- CIOs and DBAs looking to make operations more stable and predictable.
- Those aiming to utilize performance tuning to reduce cloud costs.