

Optimizing Oracle workloads on AWS

Key points

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| 1 | Ensure you're correctly and optimally licensed on AWS |
| 2 | Achieve enterprise-grade high-availability, without Oracle RAC |
| 3 | Minimize your AWS consumption costs and optimize performance |

Are you unsure about your Oracle licensing position on AWS? Have you had to compromise on availability or performance? Is the workload costing more to run than you initially expected? We'll work with you to address any of these challenges.

Key benefits

- Gain complete transparency of your Oracle licensing position on AWS
- Help deliver the availability service levels your organization and customers expect, with Cintra's proven enterprise-grade high-availability architecture blueprints
- Optimize AWS consumption costs
- Tackle poor performance by optimizing your workload and infrastructure

Are you faced with challenges in running your Oracle workload on AWS?

By moving to the cloud, you probably hoped to benefit from lower costs, scalability, a reduction in management overheads, and the ability to free up resources for high-value innovation work. But many organizations find running their Oracle workloads on AWS costs a lot more than anticipated, or has not delivered to the necessary service levels. Others put themselves at risk by not fully understanding their licensing requirements.

Do any of the following sound familiar?

Concerns about your Oracle license compliance and costs

The way Oracle licenses its products on AWS means your license requirement is higher than on-prem. This means it's incredibly important to run on a right-sized platform, and to understand your license usage and ownership, to ensure you're correctly covered.

How confident are you about your license compliance position? Is your licensing bill higher than expected?

Limited database high-availability

Mission-critical workloads demand database high-availability, which is traditionally delivered using Oracle Real Application Clusters (RAC) database-clustering on-premises.

With no database-clustering readily available on AWS, have you compromised on your availability service levels by moving to AWS? Are the service levels you're achieving acceptable to your organization?

High cloud consumption costs

Many customers find their AWS cloud consumption costs are higher than initially expected. This typically happens when the architecture has not been proactively designed and governed, and/or workloads are not right-sized for the cloud.

Are your AWS bills more than anticipated?

Poor performance

Many factors can result in your workload performing poorly. These include non-optimized database and application code, sub-optimal use of cloud resources, server-size limitations, poor architecture design, poor data management, or a failure to optimize during pre-go-live and monitor performance closely post-go-live.

Is your Oracle-on-AWS workload failing to deliver the necessary performance levels? Is this impacting customer experiences or business operations? Have performance challenges forced you to increase your cloud consumption or licensing costs?

Our Oracle-on-AWS optimization pathway

Oracle workload healthcheck

Our healthcheck starts by understanding the service levels your organization demands from the workload, so that we all understand the goals.

We then assess the workload, both technically and commercially, and identify tactical and strategic enhancements that will help you address the challenges above.

Licensing transparency and optimization

Cintra's RapidCloud license-optimization service can give you frequent, detailed insights into your license usage. This gives you complete transparency and control.

Delivering enterprise-grade high-availability

Cintra has proven architecture design blueprints for enterprise-grade Oracle workloads that deliver enterprise-grade high-availability on AWS without RAC.

We can adjust your architecture design to align with one of our high-availability blueprints, enabling you to deliver the service levels expected by your organization and customers.

Addressing high consumption costs

Cintra's expertise with Oracle applications and database workloads enables us to quickly determine areas of inefficiency and related optimization opportunities.

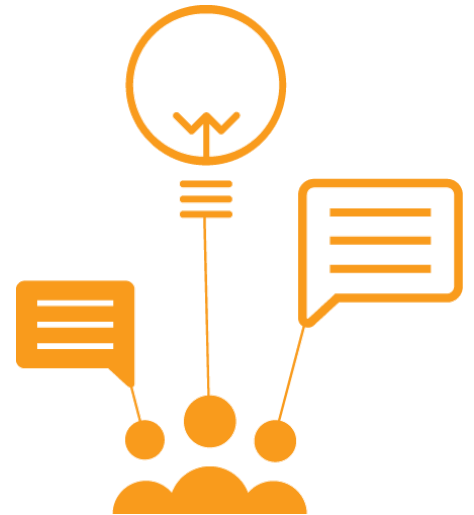
This can significantly drive down your AWS consumption costs, as well as related software licensing costs.

Performance

Whether your workload is running on Elastic Compute Cloud (EC2) or Relational Database Service (RDS), we have a range of techniques for identifying and tackling performance problems.

These include

- Optimizing your SQL code, data models and/or infrastructure
- Running our performance-assurance service, part of our cloud managed services, to proactively monitor and manage performance of your workload on AWS
- Using the Method R toolkit to accurately pinpoint the causes of performance problems, and take steps to resolve them



To find out more about Cintra and how we can help you:



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