Energy

Goldenore
DATA - DRIVEN ARCHITECTS

Efficient Migration and Cost Optimization for a Client in The Energy Sector

Oracle award-winning project

2024
Oracle Europe North-East
Cloud/Tech Partner Award
Customer Success

Customer

Our client is a major Polish company in the energy sector.

Business challenge

The client was looking for a solution that would eliminate the business risks associated with maintaining the aging Exadata X6 platform. At the same time, they wanted to select a solution that would provide them with greater performance and additional capacity for deploying new services in the future. As with any project of this nature, the goal was to reduce total cost of ownership (TCO).

Solution

- Of all the solutions that met the technical requirements, Exadata Cloud @ Customer (License Included) proved to be the most cost-effective in a 5-year total cost of ownership (TCO) analysis.
- The project also included a full migration of data and services between the old and new platforms.
- In order to migrate the databases, an inventory of all databases was performed, taking into account the business and technical dependencies.
- Migration tranches were defined, taking into account staff availability and potential downtime.
- After the analysis, the OCI Exadata Cloud service was selected as the target solution at Customer with two Exadata platforms installed in two of the customer's data centers. As a result, 80 databases were migrated from the "Exadata on-premise" platform to a cloud service consisting of two Exadata Cloud at Customer platforms.
- All databases were migrated using a dedicated Oracle Zero Downtime Migration.
- This allowed for the simultaneous migration of up to a dozen databases per week.
- Some of the migrated databases were replicated in real-time using Oracle GoldenGate.
- For all production databases, Oracle Data Guard replication was configured for the second center.

Results

- Significant TCO Reduction: Achieved notable savings by optimizing infrastructure and operations.
- Enhanced System Performance: Boosted system efficiency while simultaneously lowering licensing costs.
- Doubled System Capacity.
- Seamless Database Migration: Successfully migrated 80 production databases within just seven months.
- Automated Database Replication: Introduced new functionality for automating the creation and management of database replication with Oracle Data Guard.

Why Goldenore?

2013
founded

+100
active clients

5
countries

+50
skilled professionals

Since 2013

ORACLE | Partner

Contact us to help you make your data work for you!