AMAZE™ for Applications

Case Study

Banking And Financial Services

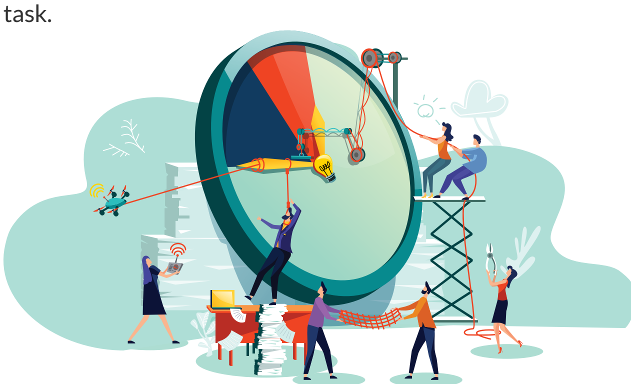
Oracle to AWS Postgres Migration for a Leading Secondary Mortgage Firm

About the Client

- A leading secondary mortgage company providing mortgage-backed securities
- 20+ billion-dollar firm publicly traded in the United States

Business Challenges

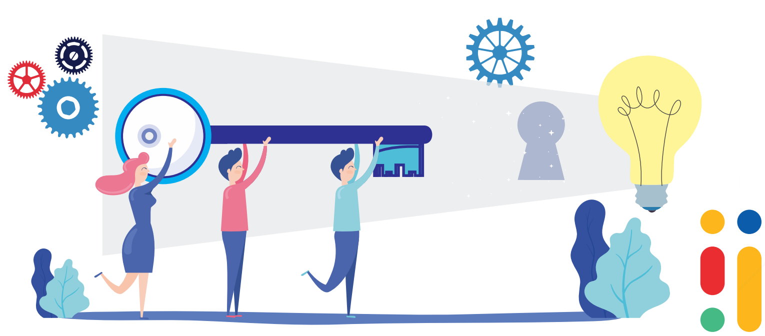
The client wanted to perform Oracle to AWS migration of its 15-year old highly complex Java SOAP-based web services and batch programs developed on WebLogic (app server and MQ). These were developed by using Axis, JAX-WS APIs, JAXB, JSP, etc. and the on-premise database was on Oracle. The client wanted to perform cloud migration of these to AWS as a containerized application by using Aurora PostgreSQL database in development, testing, and production environments. As this application was business-critical and handled key financial processes, moving 13 web services to production without impacting business-as-usual was a major task.



Hexaware Solution

We leveraged Amaze™ for Applications to handle the complexity and follow an automation roadmap for achieving this Oracle to AWS migration without any impact on day-to-day business. The journey was as under:

- SOAP-based web services were converted to REST web services, replatformed to Spring Boot, and deployed in AWS ECS Fargate container
- Batch programs were converted to Spring Boot and scheduled and managed by using ECS Task
- By using Amaze™'s refactoring engine, the applications were migrated from Oracle to AWS Postgres Aurora DB. The size of the Oracle database was 10 TB and contained more than 25 million records with complex data types like XML, BLOB, CLOB, and table partitions.
- All the DDLs like stored procedures, packages, functions, triggers, views, and DMLs were migrated to Aurora PostgreSQL automatically within 4 weeks



Business Benefits

TCO reduction by over 50%

Implementation costs lesser by 50%

Rapid cloud migration in just 6 weeks

About Hexaware

Hexaware is the fastest growing next-generation provider of IT, BPO and Consulting services. Our focus lies on taking a leadership position in helping our clients attain customer intimacy as their competitive advantage. Our digital offerings have helped our clients achieve operational excellence and customer delight. We are now on a journey of metamorphosing the experiences of our customer's customers by leveraging our industry-leading delivery and execution model, built around the strategy AUTOMATE EVERYTHING®, CLOUDIFY EVERYTHING®, TRANSFORM CUSTOMER EXPERIENCES®. Hexaware services customers in over two dozen languages, from every major time zone and every major regulatory zone. Our goal is to be the first IT services company in the world to have a 50% digital workforce.

Learn more about Hexaware at **www.hexaware.com**

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