



Case Study

Hybrid Cloud Implementation for Leading European Insurance Provider

Client

One of the largest European Insurance providers

Challenges

- The client wanted to deploy their core Insurance application ABS and its supporting applications on AWS, to act as backend for one of their leading banking customers for Insurance processing.
 - The backend insurance processing engine was a monolithic application (Java DB2) However, frontend customer facing modules were built-in microservices, and used APIs to communicate with ABS. All application deployments were expected to be automated.
 - As an Insurance company, our client is bound by various regulations and compliances. This includes a mandatory secondary DR site along with production and expected Recovery Time Objective (RTO) to be a maximum of 4 hrs and Recovery Point Objective (RPO) to be near zero.
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LTIMindtree Solution

- We designed and built an AWS-Cloud architecture for the applications that included the Core Insurance application - ABS, based on well audited principles by leveraging microservices architecture.
- Cloud architecture was designed to deliver a fully scalable, flexible, and highly available application environment for the client, while meeting the strict regulatory and compliance requirements of the Insurance Industry.
- To ensure a seamless and highly automated Cloud environment, we implemented automation for application deployments and enabled Cloud features including auto-scaling and load balancing. Auto-scaling was enabled at service level and EC2 level to scale out microservices, based on load.
- The legacy Core Insurance application, along with other applications, were seamlessly migrated to the target cloud by leveraging our domain expertise of highly skilled cloud migration experts.



Business Benefits

- High availability and redundancy through cloud architecture ensured the application availability guarantee at 99.99%.
- 70% reduction in IT administration due to automation.
- 40% reduced time-to-market.

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