Business Critical Application Re-write for AWS Cloud Platform leading to improved availability, reduced costs and improved fault tolerance

About the Customer

Leading American risk assessment and data analytics firm providing analytical insights to customers in insurance, energy and specialized markets, and financial services to help them make better, faster, and more focused decisions that minimize risk and maximize value.

Business Scenario

Based on increasing or decreasing industry loss experience, the customer's actuarial staff reviews and updates premium and loss costs for each state in US so that their customers (insurance carriers) stay competitive & profitable.

To allow this, the client wants to create an application for the Actuaries, on the Cloud, to pull data from production database(s), view/update Estimated Loss Adjustments and promote the updated datasets back to production for each state and effective date combination. There are roughly about 15 different types of datasets the Actuaries will manage using this interface.

Solution Delivered

Hexaware has created a fully modernized application on Cloud that allows their staff to update estimated loss adjustments for the risks in the customer's database.

Being a strategic AWS Partner and having immense experience in the Insurance domain, Hexaware was selected to implement the solution using the below AWS services:

1. AWS Lambda
2. API Gateway
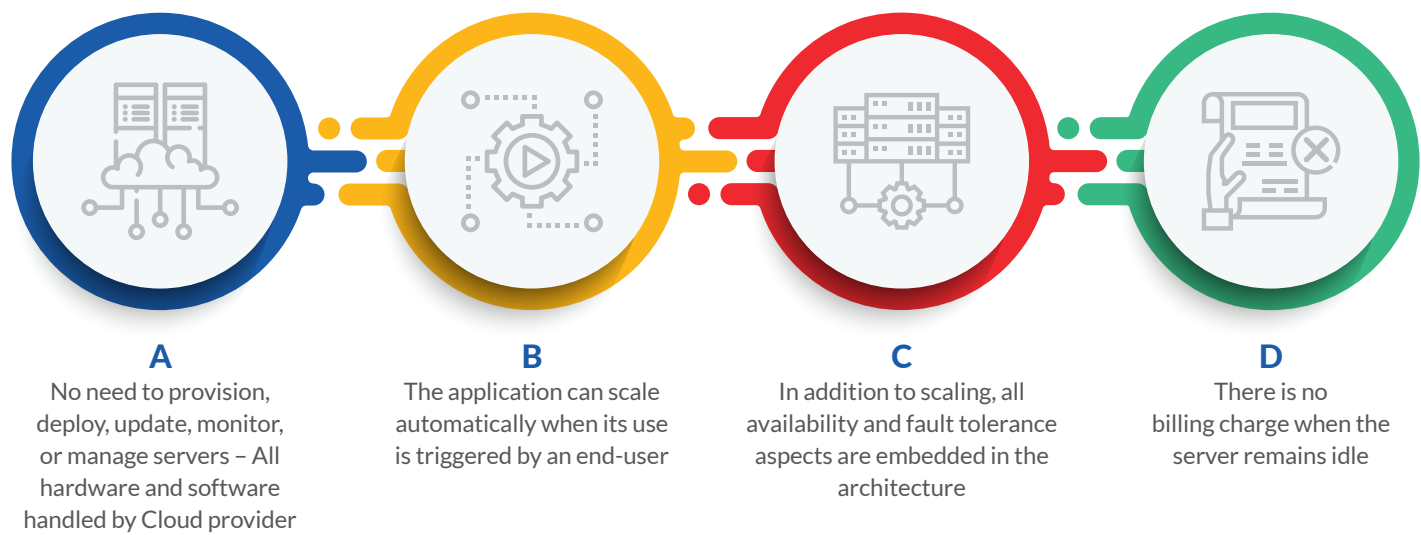3. AWS RDS
4. S3
5. Splunk
6. SQS

The customer leveraged Hexaware's best practices in AWS application development and a comprehensive testing approach across component, integration and performance testing, making use of various test accelerators.

Key Benefits

Through the implementation of architectural best practices and the business layer based on AWS Lambda functions, the following benefits were realized by the customer:

A
No need to provision, deploy, update, monitor, or manage servers – All hardware and software handled by Cloud provider

B
The application can scale automatically when its use is triggered by an end-user

C
In addition to scaling, all availability and fault tolerance aspects are embedded in the architecture

D
There is no billing charge when the server remains idle

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 by 'Powering Man Machine Collaboration.' 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.'

We serve customers in Banking, Financial Services, Capital Markets, Healthcare, Insurance, Manufacturing, Retail, Education, Telecom, Professional Services (Tax, Audit, Accounting and Legal), Travel, Transportation and Logistics. We deliver highly evolved services in Rapid Application prototyping, development and deployment; Build, Migrate and Run cloud solutions; Automation-based Application support; Enterprise Solutions for digitizing the back-office; Customer Experience Transformation; Business Intelligence & Analytics; Digital Assurance (Testing); Infrastructure Management Services; and Business Process Services.

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.

NA Headquarters
Metro 101, Suite 600,101 Wood Avenue South, Iselin,
New Jersey - 08830
Tel: +001-609-409-6950
Fax: +001-609-409-6910

India Headquarters
152, Sector – 3
Millennium Business Park
'A' Block, TTC Industrial Area
Mahape, Navi Mumbai – 400 710
Tel : +91-22-67919595
Fax : +91-22-67919500

EU Headquarters
Level 19, 40 Bank Street,
Canary Wharf,
London - E14 5NR
Tel: +44-020-77154100
Fax: +44-020-77154101

APAC Headquarters
180 Cecil Street,
#11-02, Bangkok Bank Building,
Singapore - 069546
Tel : +65-63253020
Fax : +65-6222728