

Applying Best Practices for Cloud Optimization

Client Description

Large insurance services and market analysis provider

Industry

BFSI

Technologies

Azure

Custom analytics engine

Challenge

Our client was in midst of a cloud trial in Azure and approached proSkale to conduct an independent audit prior to completing a full-scale migration. The audit uncovered the following:

- › Lack of governing principles defined, and therefore no blueprint or management groups developed, prior to cloud implementation
- › Cloud resources were deployed manually, without proper convention, making resource management difficult and time-consuming
- › Like-for-like migration during trial did not factor in actual workload requirements or right-sizing of resources
- › Deployment in Central Europe that included certain data that could have been subject to GDPR requirements

Our Approach

Using proSkale's proven cloud audit process, our cloud architects and engineers undertook the following activities:

- › Collected and reviewed all pertinent requirements documentation
- › Conducted interviews to understand goals for cloud migration
- › Deployed Azure documentation tool to develop network diagrams and resource list
- › Deployed monitoring tool to collect on-premise resource utilization patterns to support cloud resource sizing efforts
- › Developed prioritized plan to address all outstanding risks and best practice deviations

Results

Leveraging proSkale cloud specialists' intimate knowledge of cloud best practices and Azure's Well-Architected Framework, our client realized the following benefits:

1. Eliminated GDPR exposure by migrating cloud resources to US East region
2. Right-sized resources with additional cost savings using reserve instances
3. Improved cloud cost visibility and chargeback ability using resource tagging
4. Budgets and auto-shutdown methods for Development Subscriptions to minimize excess Pay-As-You-Go costs
5. Established change management policies and procedures
6. Trained internal admin team on cloud cost and security best practices

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