Cloud Cost Optimization
Unlimited efficiency and flexibility

Efficient Cloud Spending

Highlight
Experience tells us that costs reduction and predictability at the enterprise- level are best achieved by combining the insights from data analysis with deep dive analysis into the issues and cost drivers.

Business & Issues
The team conducted an analysis to identify where cost savings could be made. The analysis showed that the client's cloud spend was not being managed effectively.

Cloudability

With the flexibility that AWS provides and its usage-based cost structure, the client's OpEx built up quickly. The monthly costs increased 40% compared to costs prior to migration due to several factors: lack of understanding our main cost drivers, lack of tools to monitor usage trends and lack of proactive measures to control costs.

Increased costs resulted in higher spend forecasts than the ones budgeted, and lower margins.

Approach
Deloitte’s Cloud Cost Optimization approach was crucial to identify the proper measures to manage and control cloud usage spend.

Project’s top recommendations:
- Research, document and publish quick wins for immediate savings, and best practices for long-term savings (right sizing, purchase strategy, decommission of unused assets, etc.).
- Conduct deep dive analysis into cloud usage and cloud costs data using tools available (AWS Cost Explorer, Cloudability, Solarwinds, etc.).
- Identify architectural improvements to benefit from lower costs by leveraging cloud native services instead of purchasing licenses for tools.
- Leverage automation to detect underutilized/unused cloud services and resources.
- Combine insights from data analysis and inputs from teams to develop tailored recommendations and strategies.

Results
Taking advantage of Deloitte’s Cloud Cost Optimization expertise, the following results were delivered to the client:
- Monthly cloud hosting costs reduced by 15% in the first 3 months, 20% by 6 months, 40% by 12 months and 50% by 16 months, with no negative impact to business-as-usual activities.
- The money saved is being used to fund other high priority initiatives.
- Higher accuracy and improved forecasts and budgets.
- Increased transparency and visibility into summary costs and details for all assets, environments and accounts through dashboards, reports, and recurring cadence.
- Gains in overall operational efficiency resulting from enhanced accountability among teams through ongoing focus on proactively planning infrastructure needs, new cost planning, optimization, and elimination of waste.

By implementing cost optimization measures, we reduced the client’s monthly cloud hosting spend by 50%, improved margins, and enabled better forecasting.

Cloud migration costs under control and gain a new business perspective.

João Fonseca
Partner
joafonseca@deloitte.pt

Daniel Duque
Associate Partner
dduque@deloitte.pt

Ready to feel in control? Let’s talk.