



Driving Cloud Cost Efficiency for Higher Education

Background

A private New England university faced significant challenges in managing their Reserved Instances and Savings Plans, which led to underutilization and financial uncertainties. The university struggled with accurately allocating costs to the appropriate departments and funding sources, making governance and financial planning difficult. This mismanagement not only hindered their ability to optimize cloud resources but also introduced considerable financial risk, creating a pressing need for a more effective cloud cost management strategy.

Challenges

Managing Reserved Instances and Savings Plans can be labor-intensive, often leading to inefficiencies. A risk-averse approach further complicated matters, resulting in under commitments and missed savings opportunities. Additionally, understanding the main contributors to cloud expenses was difficult, which complicated efforts to assign costs to specific teams and funding sources, ultimately impacting cost governance.

Solution

To address these challenges, TD SYNnex conducted a thorough and comprehensive analysis of the university's cloud spend. This analysis involved a detailed review of their existing usage patterns, cost structures, and potential areas for improvement. Based on the findings, TD SYNnex proposed a strategic solution designed to increase the university's Reserved Instances and Savings Plan savings by 20%, ultimately achieving nearly 100% coverage. This solution included tailored recommendations for optimizing cloud resource allocation, improving cost visibility, and enhancing overall financial governance. By implementing these recommendations, the university could better align their cloud spending with their operational needs and financial goals.

Outcome

The initiative resulted in a significant reduction in RDS expenses by 50% and an optimization of CloudFront costs, storage, and CPU utilization. Additionally, there was a 20% increase in RI and Savings Plan savings, achieving nearly 100% coverage. Overall, RDS expenses were halved, and CloudFront costs, storage, and CPU utilization were thoroughly optimized.

About TD SYNnex Public Sector

TD SYNnex Public Sector is the premier government solutions aggregator that specializes in understanding the IT needs and solving the challenges of the federal, state, local and education markets.

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