Optimizing Cloud Costs with TD SYNNEX Public Sector: A Case Study

Overview

One of the key departments within the Federal Government, responsible for public health and social services, embarked on a migration journey, transitioning most of their on-prem services to AWS. However, they encountered FinOps challenges, including cost escalations and ineffective resource management, impacting operational and budgetary objectives.

Challenges

The agency migrated most of their on-prem services to the cloud, with their major infrastructure hosted on AWS. They faced multiple FinOps challenges including cost increase, lack of efficient resource management and cost optimization, posing operational and budgetary challenges. Their engineering team prioritized developing new features based on serverless architecture, which resulted in the loss of focus for IaaS cloud cost optimization. In addition, the uncertainty surrounding rollout schedules made them more sensitive to the fixed length commitments associated with RIs and Savings Plans. This adversely affected financial efficiency and hindered their efforts to optimize expenditure within their AWS infrastructure.

Solution

The agency was onboarded to the end-to-end AWS Cost Optimization solution of TD Synnex. They received immediate savings of nearly 30% on their monthly EC2 bills, covering nearly 90% of their EC2 and RDS usage. The significant amount of savings enabled them to refocus on their rearchitecting efforts, while running their existing infrastructure an services efficiently. Our unique approach allows us to scale up and down resources as needed, without financial or operational risk to the customer.

Outcome

Arbitrageable Compute Usage: $50k
Compute Savings: 25%

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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