

AWS TCO AND COST OPTIMIZATION

Recommendations for existing and future cloud deployments



COMMON DRIVERS OF WASTED CLOUD SPEND



Orphaned Resources

Resources that are spun up and left running after the workload has ended. This is common in dev/test environments.

Miss-matched Storage

Often data class and storage types are miss-matched, with warm or cold data stored in high-performance storage.

Over-provisioned Resources

Often customers over provision resources out of habit from on-premises tendencies, or they don't revisit configurations once the resources are set.

Overlooking Newer Solutions & Technologies

Sometimes customers omit newer solutions such as auto-scaling or automation tools. They may also miss newer technologies such as serverless computing that can help reduce costs.

AWS COST OPTIMIZATION & TCO TOOLS

Trusted Advisor

Since 2013, AWS customers have viewed over 2.6 million best-practice recommendations and realized over **\$300M** by using our cloud cost optimization tools. Is an online tool that helps you optimize your entire AWS infrastructure, to increase security and performance while reducing your overall costs.

Cost Explorer

Offers an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time. Use the filtering and grouping capabilities to dive deeper into your cost and usage data and generate custom insights.

Cost & Usage Reports

Provides the ability to delve deeply into your AWS cost and usage data, understand how you are using your AWS implementation, and identify opportunities for optimization.

Budgets

Gives you the ability to set custom budgets that alert you when your costs or usage exceed your budgeted amount. Set reservation utilization or coverage targets and receive alerts when your utilization drops below the threshold you define.

TSO Logic

To assist you with potential customers with planning a migration, TSO Logic (an AWS company) provides the industry's most accurate data-driven Total Cost of Ownership (TCO) and cost modelling analysis, so you can plan for their ideal future state on AWS.

COST OPTIMIZATION EXAMPLES & BENEFITS



Customers have saved up to 70% on non-production workloads with scheduling



Right-sizing storage by data type and usage can reduce associated costs by 50%



Customers have unlocked costs savings between 33-58% by engaging with AWS cost-optimization experts



SOFTWARE & INTEGRATION PARTNERS



CloudChomp accelerates, right-sized, migration to AWS, and eliminates the waste associated with manual and expensive assessment processes. The Cloud Chomp platform was built on and highly optimized for AWS. For more information, visit CloudChomp's website at: <https://www.cloudchomp.com/>



Onica is the cloud native services company leading the most complex technology projects in the world. Onica delivers technology services focused on cloud adoption and cost optimization, data engineering and science, artificial intelligence, serverless application development, application modernization, and the Internet of Things (IoT). For more information, visit Onica's website at: <https://onica.com/>

CLOUD ADOPTION READINESS TOOL (CART)

Start your journey today by taking a complimentary **cloud adoption readiness assessment**. The online AWS Cloud Adoption Readiness Tool (CART) lets organizations quickly assess their migration readiness by answering sixteen questions across key perspectives: business, people, process, platform, operations, and security.

AWS CUSTOMER STORIES

CLICK THE CUSTOMER LOGOS TO LEARN MORE



ST Unitas is an EdTech company founded in 2010. The organization cut 60% of expenses thanks to the implementation of reserved instances.



To optimize costs, Baylor uses Reserved Instances for its interactive services, such as its website, customer front-end portal, and DNA visualization tools.



The Quantitative Biology Center has driven down costs through the use of spot instances and cut time to science by 50% through increased automation.

Need help with your cost analysis?

Visit the [AWS Cost Optimization Help Center](#)

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