

Finly Cloud Cost Report

Executive Summary

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This report provides an analysis of the current cloud spending across three leading providers: Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP). The key findings are as follows:

1. **Total Spending:** The total monthly bill for the cloud services is approximately \$2,765.42, with individual bills from AWS (\$1,234.56), Azure (\$987.65), and GCP (\$543.21).
2. **Provider Comparison:** AWS accounts for slightly more than 44% of the total bill, followed by Azure (approximately 35%) and GCP (around 20%).
3. **Potential Concerns:** The significant difference in spending between AWS and other providers may indicate possible over-reliance or under-optimization on AWS resources. Furthermore, the lack of precise data about specific services utilized within each provider makes it challenging to identify potential cost savings through service optimization or negotiation.
4. **Recommendations:** To address these concerns, it is recommended that a detailed review of the service usage be conducted across all providers to identify any underutilized resources and opportunities for cost optimization. Additionally, exploring negotiated pricing plans with Azure and GCP could help minimize costs while maintaining the same level of service. Lastly, considering multi-cloud strategies or hybrid cloud solutions might provide additional benefits in terms of cost, performance, and resiliency.

Cost Breakdown

- **AWS:** \$1,234.56 (mocked AWS API call)
 - **Azure:** \$987.65 (mocked Azure bill)
 - **GCP:** \$543.21 (mocked GCP bill)
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💡 Optimization Suggestions

AWS

💡 AWS Optimization Tips: • Terminate or downsize idle EC2 instances. • Use Savings Plans or Reserved Instances. • Leverage S3 lifecycle rules to archive old data. • Schedule dev/test environments to shut down outside business hours. • Use AWS Compute Optimizer for rightsizing recommendations.

Azure

💡 Azure Optimization Tips: • Identify underutilized VMs via Azure Advisor. • Switch to Reserved VM Instances or Savings Plans. • Use autoscale for App Services and AKS. • Move Blob storage to cool/archive tiers. • Delete unused public IPs and orphaned disks.

GCP

💡 GCP Optimization Tips: • Right-size Compute Engine VMs using recommendations. • Commit to Sustained Use or CUDs (Committed Use Discounts). • Migrate unused disks to Nearline/Coldline storage. • Review BigQuery active tables and scheduled queries. • Remove orphaned load balancers and static IPs.

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