

# **Finly Cloud Cost Report**

## **Executive Summary**

### Executive Summary:

The attached cloud bills from AWS, Azure, and GCP for the recent period reveal the following key trends and potential areas of concern:

1. **Total Cloud Expenditure:** The combined monthly expenditure across the three major cloud providers (AWS, Azure, and GCP) amounts to \$2,765.42. This figure represents a significant investment in cloud services, highlighting the importance of optimizing resource usage and costs.
2. **AWS:** The highest monthly bill among the three providers at \$1,234.56. Given the broad suite of services offered by AWS, it is essential to conduct a thorough review of service usage patterns, ensuring that only necessary resources are being utilized and excessive costs are avoided.
3. **Azure:** The second-highest monthly bill among the providers at \$987.65. Similar to AWS, it is recommended to review resource allocation and optimize costs where possible, particularly in light of the competitive nature of cloud services in the market today.
4. **GCP:** The lowest monthly bill among the providers at \$543.21. While this represents a more cost-effective solution compared to AWS and Azure, it is essential to ensure that critical resources are not being overlooked due to lower expenditure.

In conclusion, while the cloud services investment demonstrates the company's commitment to leveraging advanced technologies for growth, there exists an opportunity to optimize costs across all providers. A comprehensive review of resource allocation and usage patterns in each platform is recommended to identify potential areas of savings and efficiencies. This review may involve right-sizing instances, implementing cost-effective reserved instances, or taking advantage of spot instances where possible. By addressing these optimization opportunities, the company can achieve a more balanced and cost-effective cloud strategy that supports its growth ambitions without unnecessary expenditure.


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## 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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