StackStage

Premium Cloud Architecture Analysis Report

75

EXECUTIVE SUMMARY

SECURITY
70 /100

PERFORMANCE
77 /100

COST
65 /100

RELIABILITY
67 /100

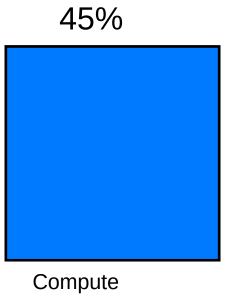
CRITICAL ISSUES IDENTIFIED

1. S3 bucket 'force_destroy' is set to true, which can lead to accidental data loss.
2. No bucket policies or IAM roles defined for access control, potentially exposing data.
3. Lifecycle policies are enabled but not configured to transition objects to cheaper storage classes (e.g., S3 Glacier).
4. Versioning is enabled but not configured to prevent accidental deletions.

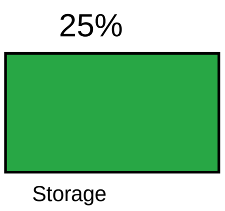
AI-POWERED RECOMMENDATIONS

1. suggestion:Remove 'force_destroy' from S3 bucket configuration.,implementation_steps:[Update the
2. suggestion:Implement IAM policies for fine-grained access control.,implementation_steps:[Define IAM roles and policies
3. suggestion:Configure lifecycle policies to transition objects to S3 Glacier.,implementation_steps:[Update the
4. suggestion:Enable MFA Delete for versioned buckets.,implementation_steps:[Update the S3 bucket versioning

COST BREAKDOWN ANALYSIS



Resources



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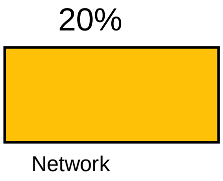
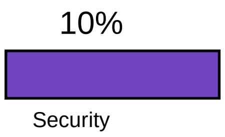
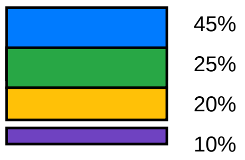

20%
Network

&


10%
Security

&


45%
25%
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Compute Resources

45%
🟩

Storage & Database

25%

Network & CDN

20%

10%