

AWS Cost Optimization Review & Action Plan

Engagement Overview

BECHFAM LLC — Professional Services (AWS Marketplace)

Objective

The primary goal of this engagement is to deliver a swift and actionable roadmap designed to significantly reduce AWS spending without sacrificing performance or reliability.

Typically, this process uncovers 20–30% in savings opportunities, prioritized to deliver immediate impact.

Scope and Timeline

- Duration: 1–2 business days following kickoff and access provisioning.
- Analysis Scope: Review includes spend trends, identification of idle or underutilized resources, right-sizing opportunities, discount program utilization (Savings Plans/Reserved Instances), storage tiering, and data transfer efficiency.
- Deliverables: A detailed written optimization report, a prioritized list of recommended actions, and a presentation session summarizing findings and next steps.

Methodology

- Spend Visibility: Analyze Cost Explorer data and, if accessible, aggregated Cost and Usage Report (CUR) information.
- Best-Practice Checks: Leverage AWS-native tools such as Trusted Advisor, Compute Optimizer (if enabled), and S3 Storage Lens (if configured).
- Right-Sizing: Assess EC2/RDS instance sizes, EBS volume allocation, and S3 storage classes with a focus on lifecycle management and tiering.
- Discounts: Evaluate eligibility for Savings Plans and Reserved Instances and align commitments to actual usage patterns.
- Governance: Recommend best practices for tagging, setting budgets and alerts, and establishing cost categories to support ongoing financial accountability.

Client Requirements

- Provide read-only access to billing information and resource metadata (including Cost Explorer and account/resource inventory).
- Designate a point of contact for clarifications, ideally from finance or engineering.
- If available, share Trusted Advisor insights, Compute Optimizer data, and S3 Storage Lens reports.

Common Quick Wins

- Decommissioning idle or obsolete resources such as disks, snapshots, load balancers, and unattached IP addresses.
- Adjusting over-provisioned EC2/RDS instances and EBS volumes for optimal sizing.
- Implementing S3 lifecycle policies to migrate rarely accessed data to more cost-effective storage classes.
- Optimizing coverage through right-sized Savings Plans and Reserved Instances.
- Eliminating unnecessary data transfer and addressing NAT cost inefficiencies.

Confidentiality and Disclaimer

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