MIRO CONSULTING

AWS Cost Optimization Report   Dated: 12/15/2021

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Overview of Amazon Web Services Spend:

This report is based on the AWS Cost and Usage information provided by the client for the months of Sept - Nov 2021.

AWS Service	Current Projected Yearly Cost	Strategy Number(s)	New Projected Yearly Cost	Yearly Savings	Percentage Savings
EC2	$318,214	1	$190,928	$127,285	40%
EBS	$52,343	2	$39,257	$13,086	25%
Amazon FSx	$11,958	3	$8,968	$2,989	25%
VPC	$5,608	4	$5,195	$413	7%
AWS Elastic Load Balancer	$23,081	5	$17,311	$5,770	25%
Amazon RDS	$46,880	6	$28,128	$18,752	40%
AWS OCB Premium Support	$133,485	7	$60,068	$73,417	55%
Amazon CloudWatch	$27,413	8	$20,559	$6,853	25%
Amazon ElastiCache	$19,916	9	$14,937	$4,979	25%
Amazon S3	$12,097	10	$3,024	$9,073	75%
Totals =	**$650,994**		**$388,376**	**$262,618**	**40%**

Easy	Basic Administrative Changes
Medium	Does not require the movement of data or servers
Involved	Changes to Applications or Database is needed

40% COST SAVINGS

Notes regarding cost projections:

- These costs represent 95% of ABC's AWS costs. The remaining 5% is spread across many small services that are not impacted by any of the strategies.

- Miro has projected the growth in AWS usage based on the trends seen in the months of September through November 2021, which equates to approx. 5% growth in monthly spending over the period of a year.

- This report assumes that the data provided by the client is representative of the similarity of other months of the year unless noted otherwise.

- Any money that ABC has paid AWS ahead of time for prepaid services is in addition to the monthly bills for September - November, which Miro has analyzed and reflected in the spreadsheet.

- When Miro projects the EC2 costs, it assumes that the current composition of the EC2 instances are broken into the various EC2 instance families communicated and will continue as such. Of course, it is possible for ABC to vary its EC2 usage over different sets of instance families.