20 TIPS FOR AWS CLOUD COST OPTIMIZATION

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Without proper setup, management, and monitoring, AWS costs can get out of hand quickly. Here are 20 tips to help you optimize you AWS spend.

Clarify360 can evaluate your AWS environments and help with optimization recommendations!

INSTANCE OPTIMIZATION

1 Reserve instances for the shortest term needed

2 Monitor your instances monthly

3 Explore Spot Instances for non-production usage

SCHEDULING & AUTOMATION OPTIMIZATION

4 Schedule instances to stop during non-production hours

5 Make use of AWS instance scheduler or third-party automatic scheduling tools to take the task off your hands

6 Shut down resources other than instances like unused DB volumes or elastic IPs based on time or activity

STORAGE OPTIMIZATION

7 Optimize storage, which will directly result in cost optimization

8 Set up a lifecycle policy

9 Automate analysis and visualization of Amazon S3 storage patterns to help you decide when to shift data to a different storage class.

20 TIPS FOR AWS CLOUD COST OPTIMIZATION

10 Use S3 intelligent-tiering for moving between frequent and infrequent access tiers automatically

11 Archive less active resources on Glacier and archive long term data backups on Glacier Deep Archive

12 Backup large volumes of data on Elastic Block Storage. Store your EC2 instances or clusters here.

13 Delete old snapshots and unallocated disk volumes as well as unnecessary objects and buckets

14 Make use of AWS auto-scaling to allocate the sufficient capacity of storage to the workload

15 Analyze your expenses with Cost and Usage reports.

IN-HOUSE OPTIMIZATION

16 Figure out unused resources with Trusted Advisor

17 Keep up with market trends with AWS Cost Explorer

18 Create budget plans for your resources

19 Aggregate the expenses by services you run

20 Educate employees about cost optimization tools

About Clarify360

Clarify360 is a technology sourcing and consulting provider specializing in the discovery, planning, and migration of cloud/colocation, connectivity, collaboration, and security deployments globally. Our key goal is to shorten the IT procurement process for our clients while optimizing costs and ROI. With roots in network connectivity and telecommunications dating back more than two decades, reducing complexity and leveraging IT savings for our clients is part of our DNA. Visit clarify360.com for more information.