Purchase Savings Plans for baseline capacity

Identify and terminate unused instances

Verify that instance type still reflects the current workload

Verify that the maximum I/O performance of the instance matches with the EBS volumes

Use Spot Instances for stateless and non-production workloads

Switch to latest instance types

Make use of AMD or ARM based instances

Switch to Amazon Linux or any other Operating System that is Open Source

Delete snapshots created to backup data that are no longer needed

Check whether your backup solution deletes old snapshots

Delete snapshots belonging to unused AMIs

Search for unused volumes and delete them

Delete unnecessary objects and buckets

Consider using S3 Intelligent Tiering

Configure lifecycle policies define a retention period for objects

Use Glacier Deep Archive for long-term data archiving

Create VPC endpoints for S3 and DynamoDB

Check costs for NAT gateways and change architecture if necessary

Check costs for traffic between AZs and reduce traffic when possible

Try to avoid VPC endpoints for other services

Configure a retention period for all log groups

Check costs for metrics API calls caused by 3rd party tools

Delete needless alarms and dashboards

Identify unnecessary custom metrics

Check costs for log ingestion



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Optimize memory configuration for Lambda functions

Use Provisioned Concurrency to reduce costs for high traffic Lambda functions

Evaluate HTTP APIs as an alternative to API Gateway

Use Fargate instead of EC2 instances

Use ECS Capacity Provider to scale the fleet of EC2 instances

Use Fargate Spot for non-production workloads

Enable RDS Storage Auto Scaling instead of overprovisioning storage capacity

Consider switching to Aurora Serverless for unsteady

Verify that instance type still reflects the current workload

Verify that the maximum I/O performance of the compute layer matches with the storage layer

Switch to an Open Source database system (e.g., PostgreSQL instead of Oracle)

Switch to On-demand capacity mode for unsteady workloads

Use auto-scaling to adjust the provisioned capacity to the workload

Make use of Reserved Instances were planning ahead is feasible

Evaluate UltraWarm tier (Preview) to retain large amounts of data at lower costs

Increase TTL for records to reduce queries

Check hit/miss ratio of cache and adjust configuration and TTL accordingly

Restrict access to S3 by using an Origin Access Identity

Check costs for data events (S3 and Lambda)