Optimize and save with AWS

AWS enables you to take control of cost and continuously optimize your spend, while building modern, scalable applications to meet your needs. Our breadth of services and pricing options offer the flexibility to effectively manage your costs while keeping the performance and capacity you require.

Dedicated to helping our customers, we will work with you to develop a plan that meets your financial needs to achieve the highest savings potential. Get started with the steps below that will have an immediate impact on your bill today.

Quick start guide to cost optimization

STEP 1

Choose the right pricing models

Reserved Instances (RI)

Save up to 72% over equivalent on-demand capacity on services like Amazon EC2 and Amazon RDS[1], by committing to using a particular type of resource for a set amount of time (usually 1 year or 3 years).

Compute Saving Plans

Get up to 72% savings on your AWS compute usage for services like Amazon EC2, Fargate, and Lambda[1], by committing to run a set amount of usage for a period of time (usually 1 year or 3 years).

Amazon EC2 Spot Instances

Receive up to 90% discount off on-demand prices without making a term-based commitment–ideal for applications that are fault-tolerant, scalable, or flexible.[1]

STEP 2

Match capacity with demand

Identify under-utilized Amazon EC2 instances

Use **AWS Instance Scheduler** to automatically stop instances and **AWS Operations Conductor** to automatically resize the instances based on recommendations from **AWS Cost Explorer Resource Optimization**.

Identify under-utilized Amazon RDS and Amazon Redshift instances

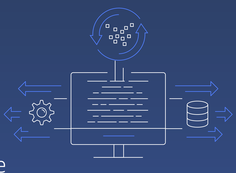
Use **Trusted Advisor** to identify under-utilization. To reduce costs, follow these steps to **stop these DB instances** or **pause these Redshift clusters**.

Use autoscaling or on-demand for Amazon DynamoDB usage

Learn how to **enable AutoScaling on your existing tables** or **use the on-demand option** so you only pay for what you use.

STEP 3

Implement processes to identify resource waste



Identify under-utilized Amazon EBS volumes

EBS volumes that have very low activity (less than 1 OPS per day) over a period of 7 days indicate low utilization. Learn how to identify these volumes using **Trusted Advisor**, **Amazon Data Lifecycle Manager** to automate the creation of volume snapshots, then **delete these volumes**.

Analyze Amazon S3 usage

Learn how to use **S3 Analytics** to analyze storage access patterns on the object data set and **S3 Intelligent-Tiering** to automatically analyze and move your object to the appropriate storage tier.

Use **AWS Cost Explorer** to identify dated, orphaned instances (that have no ownership tags) to snapshot and archive them, while terminating the original instance.

Review networking

Use the **Trusted Advisor** to get a report of load balances that have RequestCount of less than 100 over the past 7 days. Learn how to **delete these load balancers** and use **Cost Explorer to analyze your data transfer costs**.

Modernize for better price / performance

Use **AWS Cost Explorer** to review your consumption profile, and look for opportunities to make use of the latest instance families which are more efficient. Also ensure that any new deployments are placed on the latest generation AWS offerings.

Learn how our customers, including the fastest-growing startups, largest enterprises, and leading government agencies are **using AWS to lower costs, become more agile, and innovate faster.**

Find out more

Contact us today

Contact us

Cloud financial management with AWS

Sign up for a free account

[1]AWS, "AWS Cost Optimization", https://aws.amazon.com/aws-cost-management/aws-cost-optimization/