AWS Compute Optimizer pricing

Compute Optimizer delivers intuitive and actionable recommendations to help you choose the optimal AWS resources for your workloads.

Why AWS Compute Optimizer?

AWS Compute Optimizer detects idle resources and recommends optimal AWS resources for your workloads to reduce costs and improve performance by using machine learning to analyze historical utilization metrics. Compute Optimizer analyzes your Amazon CloudWatch metricsfrom the last 14 days or 32 days to provide recommendations for free. You pay only for theAmazon Elastic Compute Cloud (EC2) instances, Amazon Elastic Container Service (ECS) serviceson AWS Fargate, Amazon Elastic Block Store (EBS) volumes, AWS Lambda functions, AmazonAurora, Amazon Relational Database Service (RDS) DB instances, and NAT Gateway you use torun your applications and for Amazon CloudWatch monitoring fees.

To receive Amazon EC2, Amazon EC2 Auto Scaling, or Amazon RDS recommendations that capture quarterly utilization patterns, you can activate Compute Optimizer enhanced infrastructure metrics—a paid feature. With the feature activated, Compute Optimizer ingests and analyzes up to six times more Amazon CloudWatch utilization metrics history than the default Compute Optimizer option (up to three months of history compared to 14 days). Enhanced infrastructure metrics cost $0.0003360215 per resource per hour and are charged based on the number of hours per month the resource is running. For a resource running continuously in a 31-day month, the feature would cost approximately $0.25. The only exception is that EC2 Auto Scaling groups are charged per running EC2 instance.

There is no additional charge for AWS Compute Optimizer. You pay only for the AWS resources needed to run your applications and Amazon CloudWatch monitoring fees.

Pricing Table

Enhanced infrastructure metrics for EC2	$0.0003360215 resource/hour based on the number of hours a resource is running per month
Enhanced infrastructure metrics for RDS	$0.0003360215 resource/hour based on the number of hours a resource is running per month

Pricing Example 1

Example 1: Customer activates enhanced infrastructure metrics for five EC2 instances on July 15. EC2 instances are running throughout the entire month (744 hours). Let's say you've activated enhanced infrastructure metrics on five resources on July 15. Compute Optimizer will charge you for activating enhanced infrastructure metrics just for those five resources during the time that the resources ran. Assuming the resources ran for 31 days (744 hours), the bill at the end of the month for Compute Optimizer would be calculated as follows:

Usage type	Number of resources	Hours resources are running	Billable hours	Hourly charge	Monthly charge
Enhanced infrastructure metrics	5	744	744	$0.0003360215	5 * 744 * $0.0003360215 = $1.25

Pricing Example 2

Example 2: Customer activates enhanced infrastructure metrics for an EC2 Auto Scaling group on July 1st. The number of distinct EC2 instances that ran within the EC2 Auto Scaling group in July was five. Let's say you've activated enhanced infrastructure metrics for an EC2 Auto Scaling group. Compute Optimizer will charge you for activating enhanced infrastructure metrics just for the instances that ran within that EC2 Auto Scaling group during that month. Assuming three resources ran for 31 days (744 hours) and two ran for half the month (372 hours), the bill at the end of the month for Compute Optimizer would be calculated as follows:

Usage type	Number of resources	Hours resources are running	Billable hours	Hourly charge	Monthly charge
Enhanced infrastructure metrics	2	372	372	$0.0003360215	2 * 372 * $0.0003360215 = $0.25
Enhanced infrastructure metrics	2	372	372	$0.0003360215	2 * 372 * $0.0003360215 = $0.25
-	-	-	-	-	Total = $1.00

Pricing Example 3

Example 3: Customer activates enhanced infrastructure metrics for five EC2 instances on June 20. The five instances run for only 15 days (360 hours). Let's say you've activated enhanced infrastructure metrics on five instances on June 20. Compute Optimizer will charge you for activating enhanced infrastructure metrics just for those five instances and charge you for the number of hours those instances ran. Assuming that the resources ran for only 15 days (360 hours), the bill at the end of that month for Compute Optimizer would be calculated as follows:

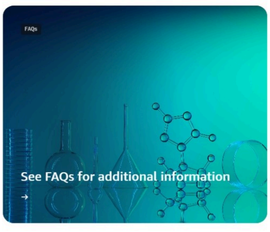
Usage type	Number of resources	Hours resources are running	Billable hours	Hourly charge	Monthly charge
Enhanced infrastructure metrics	5	360	360	$0.0003360215	5 * 360 * $0.0003360215= $0.6048387

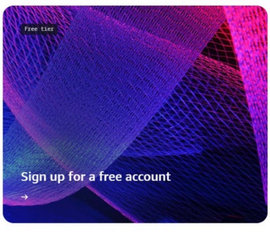
Additional pricing resources

AWS Pricing Calculator
Easily calculate your monthly costs with AWS →

Get pricing assistance
Contact AWS specialists to get a personalized quote →

Get started





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