Amazon GuardDuty pricing

Pricing overview

Amazon GuardDuty is a pay-as-you-go threat detection service that continuously monitors for malicious activity and anomalous behavior to help protect your AWS accounts, workloads, and data. GuardDuty prices are based on the volume of service logs, events, workloads, or data analyzed.

GuardDuty pricing tiers include foundational pricing, which is the default level of service coverage, as well as GuardDuty protection plan pricing. When you activate GuardDuty for the first time in an account, default GuardDuty threat detection coverage, as well as available protection plan coverage, will automatically be enabled. But, you can customize how any new account inherits different protection plans in GuardDuty.

With GuardDuty protection plans, you have the flexibility and choice of deciding which plans to turn on or off at any time. The default threat detection in GuardDuty cannot be disabled. This helps ensure that your environment is continuously monitored for potential security risks, even as you adapt your security strategy. Analyzed service logs are filtered for cost optimization and directly integrated with GuardDuty, which means you don't have to activate or pay for them separately.

Pricing varies by data source and AWS Region and is subject to change as new log sources are introduced, existing log sources are optimized to reduce cost, and log volumes increase and decrease with your varying workload-related activity on AWS. Consult the GuardDuty User Guide for Region-specific feature availability.

AWS Pricing Calculator

Calculate your Amazon GuardDuty and architecture costs in a single estimate.

Create your custom estimate now »

Free Trial

In supported Regions, AWS account holders who have not yet tried GuardDuty can take advantage of a free 30-day trial to access all of its features and protection plans. This free trial applies to each new AWS account in each Region. Additionally, even if you are currently using or have previously used GuardDuty, you can still receive a new 30-day trial for any additional GuardDuty protection plans you enable, provided you haven't enabled them yet. The GuardDuty console makes budget planning easy by displaying the number of trial days remaining and an estimate of your average daily costs based on data volume.

*The only exception is Malware Protection, which has a separate free tier available. Malware Protection for Amazon EBS is included in the GuardDuty free trial, while Malware Protection for Amazon S3 has a free tier without a trial period.

Start a free trial of GuardDuty

Foundational threat detection pricing

To detect unauthorized and unexpected activity in your AWS environment, GuardDuty analyzes and processes data from foundational data sources to detect anomalies involving AWS Identity and Access Management (IAM) access keys and Amazon Elastic Compute Cloud (Amazon EC2).

- **AWS CloudTrail management event analysis:** GuardDuty continuously analyzes CloudTrail management events. Management events (also known as control plane) provide information about management operations that are performed on resources in your AWS account. CloudTrail management event analysis is charged per 1 million events per month and is prorated.
- **Amazon Virtual Private Cloud (Amazon VPC) Flow Logs and DNS query log analysis:** GuardDuty continuously analyzes Amazon VPC Flow Logs and DNS query logs. VPC Flow Logs and DNS query log analysis is charged per gigabyte (GB) per month. Both VPC Flow Logs and DNS query log analyses are discounted with volume.

GuardDuty comes with a 30-day trial on the AWS Free Tier for accounts that have never enabled the service before. During the free trial period and thereafter, you can always monitor your estimated monthly spend on the GuardDuty console usage page, broken down by data source.

Get started »

Region: Europe (London)

AWS CloudTrail Management Event Analysis

Per one million events / month	$4.40 per one million events

VPC Flow Logs and DNS Query Log Analysis

First 500 GB / month	$1.10 per GB
Next 2,000 GB / month	$0.55 per GB
Next 7,500 GB / month	$0.28 per GB
Over 10,000 GB / month	$0.17 per GB

Pricing examples

CloudTrail management event analysis »

VPC Flow Logs and DNS query log analysis »

GuardDuty protection plans

In addition to foundational log data sources, GuardDuty can use data from other AWS services in your AWS environment to monitor and analyze for potential security threats. These features will be automatically enabled for new GuardDuty accounts (except Runtime Monitoring), and it is recommended to have these protections enabled for accounts with these active AWS workloads. However, you can customize how new accounts inherit protection plans in GuardDuty. You can add protection plan coverage for all accounts or selected accounts. With all GuardDuty protection plans, you have the flexibility to turn plans on or off at any time.

Some features are not available in some Regions; if no pricing data appears for a specific feature, try changing any Region selector on the page to a different Region.

S3 Protection | EKS Protection | Runtime Monitoring | Malware Protection | RDS Protection | Lambda Protection

GuardDuty monitors threats against your Amazon Simple Storage Service (Amazon S3) resources by analyzing CloudTrail management events and CloudTrail S3 data events. When the GuardDuty S3 Protection feature is turned on, GuardDuty continuously analyzes authenticated CloudTrail S3 data events, monitoring access and activity in your S3 buckets. CloudTrail S3 data event analysis is charged per 1 million events per month, is prorated, and is discounted with volume.

New and existing GuardDuty account holders who have not yet enabled a GuardDuty feature can try it 30 days at no cost on the AWS Free Tier. During the free trial period and thereafter, you can always monitor your estimated monthly spend on the GuardDuty console usage page, broken down by data source.

Get started »

Region: Europe (London)

AWS CloudTrail S3 Data Event Analysis

First 500 million events / month	$1.00 per one million events
Next 4,500 million events / month	$0.50 per one million events
Over 5,000 million events / month	$0.25 per one million events

Pricing example

CloudTrail S3 data event analysis »

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 with GuardDuty

AWS Shared Responsibility Model
Discover AWS Partner services & technologies designed to give you end-to-end cloud security

AWS Free Tier
Gain free, hands-on experience with AWS for 12 months

© 2026, Amazon Web Services, Inc. or its affiliates. All rights reserved.