

# CloudTrail/Front/Watch/Formation

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## CloudTrail (log)

### AWS CloudTrail

Track user activity and API usage

Get started with AWS  
CloudTrail

AWS CloudTrail is a service that enables governance, compliance, operational audit, and troubleshooting for your AWS account. With CloudTrail, you can log, continuously monitor, and retain all actions across your AWS infrastructure. CloudTrail provides event history of your AWS account, including actions taken through the AWS Management Console, AWS SDKs, command-line tools, and AWS services. This event history simplifies security analysis, resource change tracking, and troubleshooting.

### Amazon CloudFront

Fast, highly secure and programmable content delivery network

Get started with Amazon  
CloudFront for free



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Amazon CloudFront is a fast content delivery network (CDN) service that stores data, videos, applications, and APIs to customers globally with low latency, speeds, all within a developer-friendly environment. CloudFront is integrated with both physical locations that are directly connected to the AWS global infrastructure as well as other AWS services. CloudFront works seamlessly with services including Amazon Shield for DDoS mitigation, Amazon S3, Elastic Load Balancing or Amazon CloudFront for your applications, and Lambda@Edge to run custom code closer to customers and to customize the user experience.

You can get started with the Content Delivery Network in minutes, using the same tools that you're already familiar with: APIs, AWS Management Console, AWS CloudFormation, CLIs, and SDKs. Amazon's CDN offers a simple, pay-as-you-go pricing model with no upfront fees or required long-term contracts, and support is included in your existing AWS Support subscription.

# Amazon CloudWatch

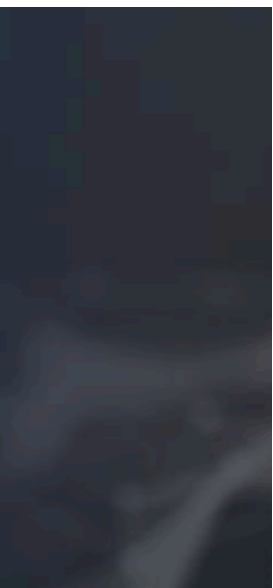
Complete visibility of your cloud resources and applications

Get started with CloudWatch



securely delivers  
high transfer  
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Amazon CloudWatch is a monitoring and management service built for developers, system operators, site reliability engineers (SRE), and IT managers. CloudWatch provides you with data and actionable insights to monitor your applications, understand system-wide performance changes, optimize resource utilization, and get a unified view of operational health. CloudWatch collects monitoring and operational data in the form of logs, metrics, and events, providing you with a unified view of AWS resources, applications and services that run on AWS, and on-premises servers. You can use CloudWatch to set high resolution alarms, visualize logs and metrics side-by-side, take automated actions, troubleshoot issues, and discover insights to optimize your applications, and ensure they are running smoothly.

With Amazon CloudWatch, it is easy to get started. There is no up-front cost or minimum fee; you simply pay for what you use. You will be charged at the end of each month for what you use.

Amazon CloudWatch is a monitoring service for AWS cloud resources and the applications running on AWS.

CloudWatch is for performance monitoring, whereas CloudTrail is for auditing. AWS CloudTrail is a web service that records activity made on your account and stores the log data in an Amazon S3 bucket.

CloudFormation is used for automated provisioning of infrastructure.

CloudFront is a content delivery network (CDN) that caches content.

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