

## TYPES

- Application Load Balancer
- Network Load Balancer
- Classic Load Balancer

## WHAT TO MONITOR

- CloudWatch metrics
- Access Logs
- Request Tracing
- CloudTrail logs

## CloudWatch vs CloudTrail

- CloudWatch monitors performance
- CloudTrail monitors API calls in AWS

## CloudTrail

- capture detailed info about calls made to the ELB API and store them as log files in S3
- use these logs to determine which calls were made, the source IP where the call came from, who made the call, when was the call made.

## Access Logs

- detailed info about req. sent to ELB
- time of req, client IP, latencies
- req path, server responses
- analyse traffic patterns and troubleshoot issues
- this feature is disabled by default
- when enabling it you have to provide an S3 bucket to store logs
- can store data even if the EC2 instance has been terminated



Elastic Load Balancer

## Request Tracing

- tracks HTTP req from clients to targets or other services
- is available for Application Load Balancer only