ELK Stack
Elasticsearch, Logstash, and Kibana

Because getting immediate, actionable insight from data matters.

Elastic is the company behind three open source projects — Elasticsearch, Logstash, and Kibana — designed to take data from any source and search, analyze, and visualize it in real time. Combined, these projects comprise the ELK stack, a powerful open source solution designed to help you make sense of data. From stock quotes to Twitter streams, Apache logs to WordPress blogs, the ELK stack is in a class of its own, offering real-time capability, a distributed and highly scalable architecture, ease of use, and reliability in one package.

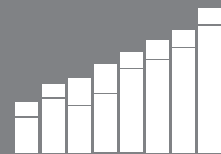## The ELK stack powers 3 main use cases across industries worldwide.

Search	Logging	Analytics
• Search, navigate, and discover seamlessly	• Centralize log analysis	• Interactively visualize and explore your data
• Combine structured and unstructured data	• Enable operational intelligence	• Perform real-time analytics
• Power search-based applications	• Improve security and compliance	• Expose actionable insights at massive scale

The ELK stack powers applications and infrastructure, and uncovers new value for many of the world's most successful organizations. Deployed by fast-growing startups and Fortune 500 companies alike, the ELK stack is a trusted component of modern infrastructure.

www.elastic.co
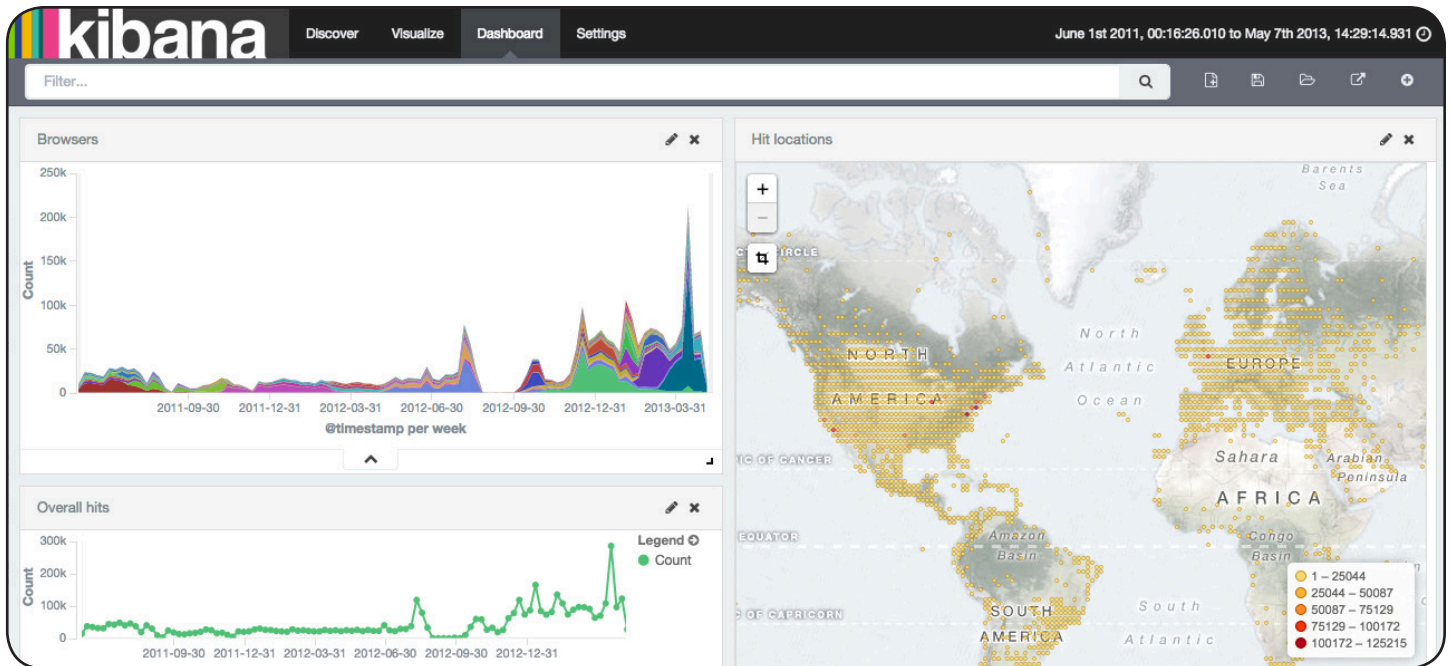
The ELK stack is at the core of the Elastic platform.

Elasticsearch
Store, Search, and Analyze

At the heart of the stack, Elasticsearch is a distributed, open source search and analytics engine, designed for horizontal scalability, reliability, and easy management. Elasticsearch combines the speed and flexibility of full-text search with the power of analytics via a sophisticated, developer-friendly query language covering structured, unstructured, and time-series data. With clients for the most popular programming languages, Elasticsearch easily integrates into your existing system.

Logstash
Colllect, Parse, and Enrich

Logstash is a flexible, open source data collection, parsing, and enrichment pipeline for the ELK stack. With connectors to common infrastructure for easy integration, Logstash is designed to efficiently process a growing list of log, event, and unstructured data sources — from stock quotes to Twitter streams — for distribution into a variety of outputs, including Elasticsearch.

Kibana
Explore, Visualize, and Discover

Kibana is the data visualization engine for the ELK stack. It is an open source visualization platform that allows you to interact with your data through stunning, powerful graphics. From histograms to geomaps, Kibana brings your data to life with visuals that can be combined into custom dashboards that help you share insights from your data far and wide. With Kibana, everyone gets to be a data scientist.

Get started with ELK by visiting elastic.co and go do great things with data.

Elastic also provides commercial monitoring, management, and security products and enterprise-grade support for your projects in development and production.

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