



Elastic Overview

Cheng Cai (CC)

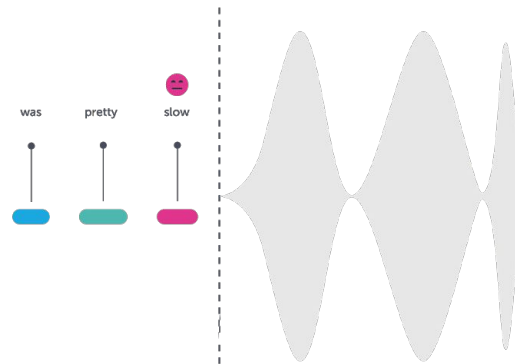
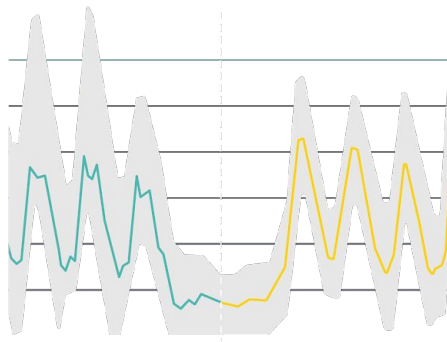
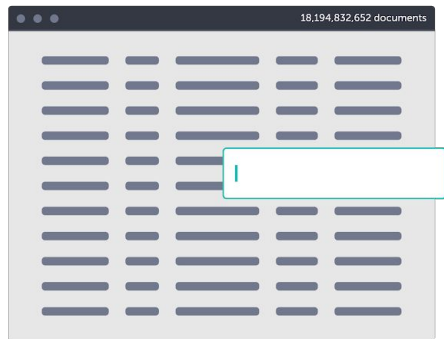
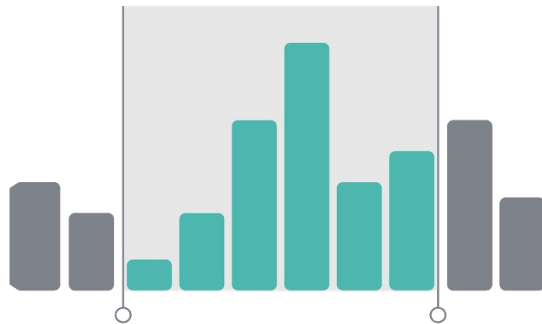
The background is a solid blue color. Scattered across the entire surface are various small, white, yellow, and green geometric shapes, including squares, circles, and plus signs, creating a starry or confetti-like effect.

Elastic is a **search company**









































Search is a **constant/foundation**



.54 seconds | 1,000,000,000 records



Customers across various **industries, segments, and geographies**

TECHNOLOGY	FINANCE	TELCO	CONSUMER	HEALTHCARE	PUBLIC SECTOR	AUTOMOTIVE / TRANSPORTATION	RETAIL
							
							
							
							
							



Elastic Stack, Features, and New Updates

Elastic Stack

SOLUTIONS



Kibana 

Visualize & Manage

Elasticsearch 

Store, Search, & Analyze

Beats 

Logstash 

Ingest

SaaS



SELF-MANAGED



Stack **Features**

SECURITY



ALERTING



MONITORING



REPORTING



GRAPH



MACHINE
LEARNING



Elastic Stack

Kibana



Visualize &
Manage

Elasticsearch



Store, Search, &
Analyze

Beats



Logstash

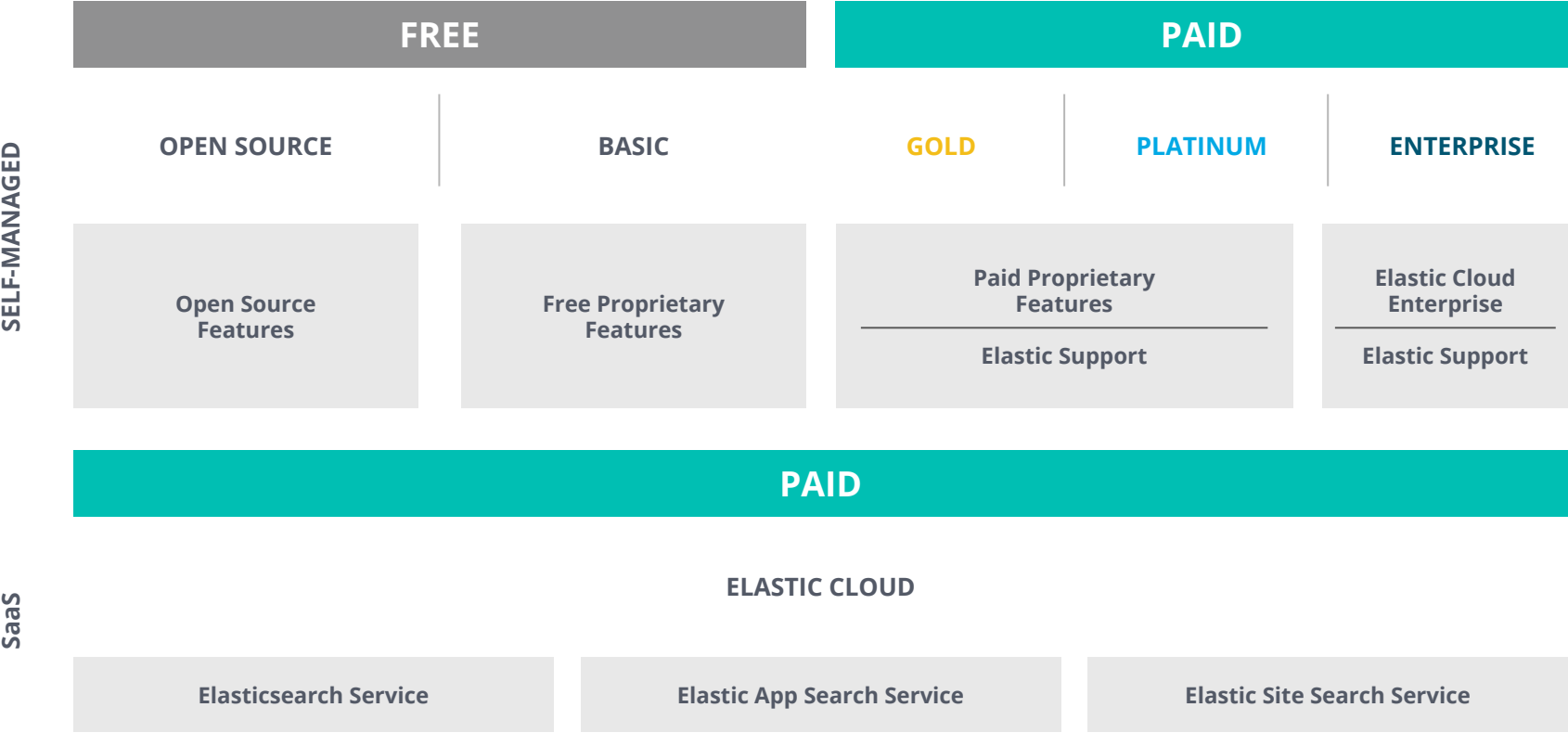


Ingest

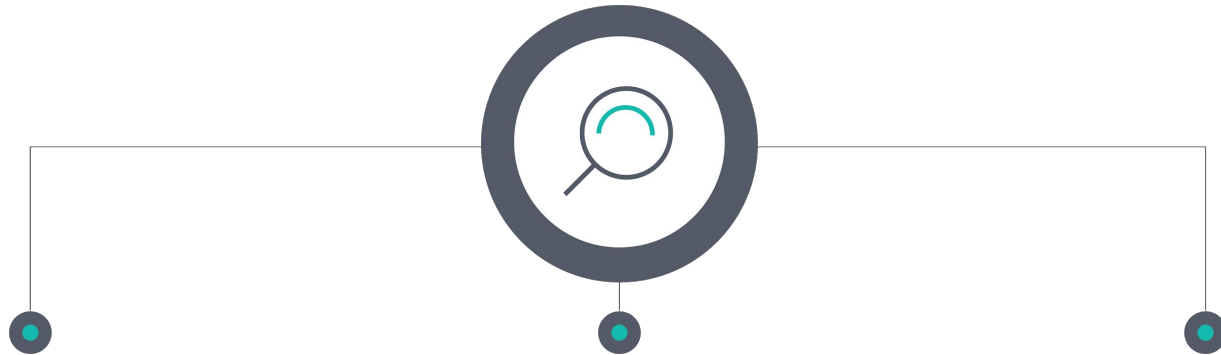
SaaS

SELF-MANAGED

Subscription Options



Technology **differentiation**



SCALE

Distributed by design

SPEED

Find matches in milliseconds

RELEVANCE

Get highly relevant results

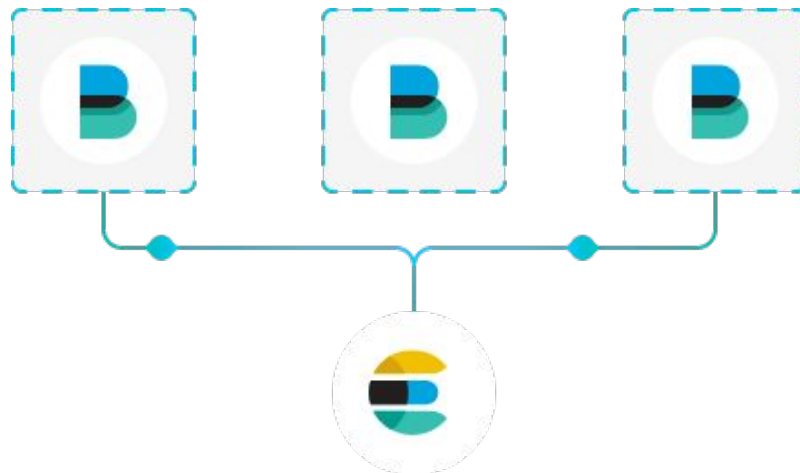
Elastic Stack

Elasticsearch, Kibana, Beats, and Logstash



Beats

Lightweight data shippers



Ship data from the source	Ship and centralize in Elasticsearch	Ship to Logstash for transformation and parsing
Ship to Elastic Cloud	Libbeat: API framework to build custom beats	45+ community Beats



FILEBEAT
Log Files



METRICBEAT
Metrics



PACKETBEAT
Network Data



FUNCTIONBEAT
Serverless Monitoring



WINLOGBEAT
Window Events



HEARTBEAT
Uptime Monitoring



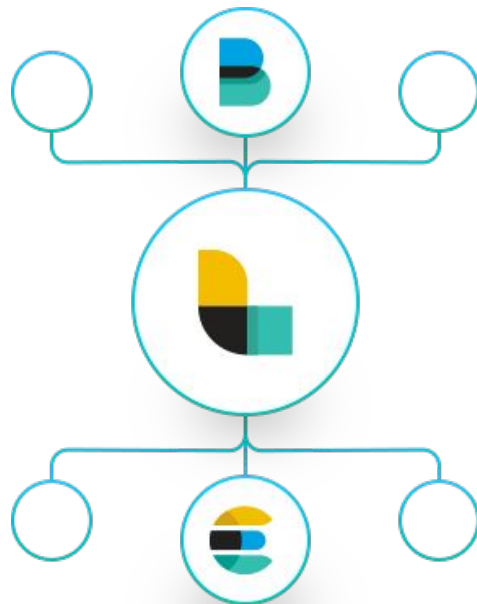
AUDITBEAT
Audit Data

Plus a growing set of community Beats



Logstash

Data processing pipeline



**Ingest data of all shapes,
sizes, and sources**

**Parse and dynamically
transform data**

Transport data to any output

**Secure and encrypt data
inputs**

Build your own pipeline

More than 200+ plugins

Modules

Data to dashboards in 5 minutes

Turnkey for many formats

Automated data parsing

Out of the box dashboards

Preconfigured ML jobs

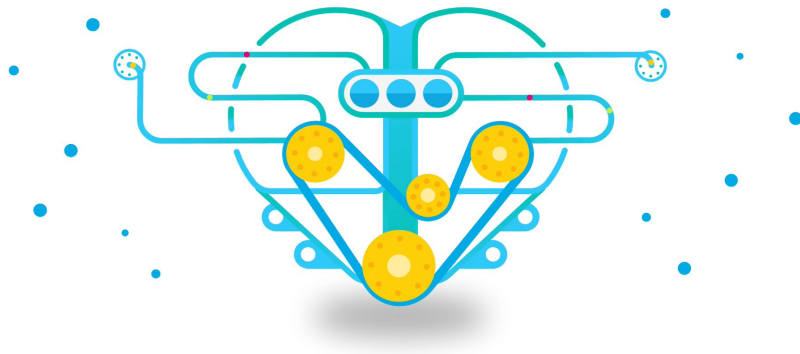
The screenshot displays the 'Add Data to Kibana' interface. At the top, there is a navigation bar with 'Home' and a list of tabs: 'All', 'Logging', 'Metrics', 'Security analytics', and 'Sample data'. The 'All' tab is selected. Below the navigation bar is a grid of 16 data source modules, each with an icon, a title, and a brief description of its function.

Module Name	Description
Aerospike metrics	Fetch internal metrics from the Aerospike server.
Apache logs	Collect and parse access and error logs created by the Apache HTTP server.
Apache metrics	Fetch internal metrics from the Apache 2 HTTP server.
APM	Collect in-depth performance metrics and errors from inside your applications.
Ceph metrics	Fetch internal metrics from the Ceph server.
Couchbase metrics	Fetch internal metrics from Couchbase.
Docker metrics	Fetch metrics about your Docker containers.
Dropwizard metrics	Fetch internal metrics from Dropwizard Java application.
Elasticsearch logs	Collect and parse logs created by Elasticsearch.
Elasticsearch metrics	Fetch internal metrics from Elasticsearch.
Etdcd metrics	Fetch internal metrics from the Etdcd server.
Golang metrics	Fetch internal metrics from a Golang app.
HAProxy metrics	Fetch internal metrics from the HAProxy server.
IIS logs	Collect and parse access and error logs created by the IIS HTTP server.
Kafka logs	Collect and parse logs created by Kafka.
Kafka metrics	Fetch internal metrics from the Kafka server.
Kibana metrics	Fetch internal metrics from Kibana.
Kubernetes metrics	Fetch metrics from your Kubernetes cluster.
Logstash logs	Collect and parse debug and slow logs created by Logstash.
Logstash metrics	Fetch internal metrics from Logstash.



Elasticsearch

Heart of the Elastic Stack



Distributed, Scalable

High-availability

Multi-tenancy

Developer Friendly

Real-time, Full-text Search

Aggregations



Kibana

Window into the Elastic Stack



Visualize and analyze

Geospatial

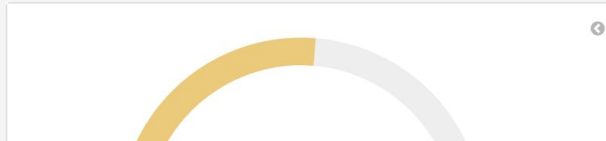
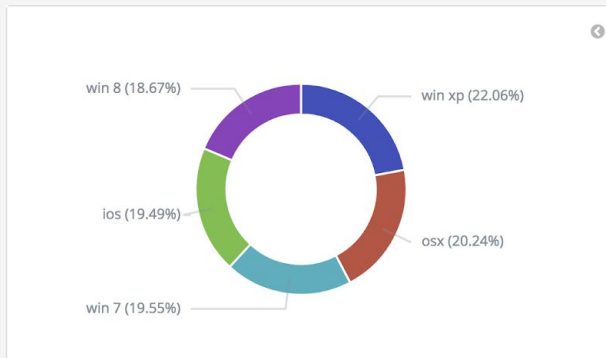
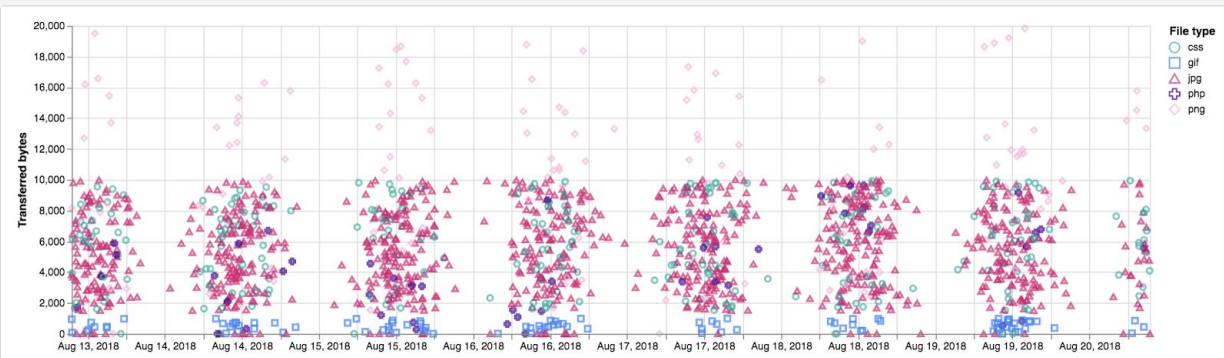
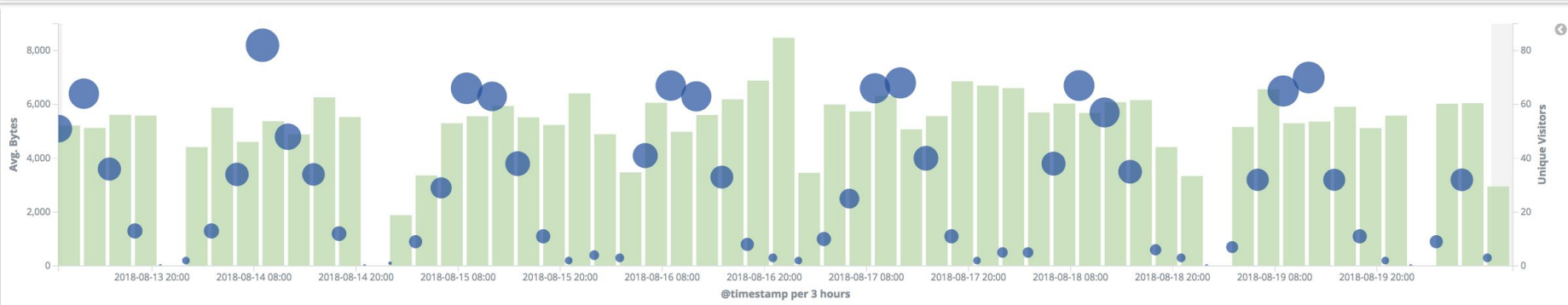
**Customize and Share
Reports**

Graph Exploration

**UX to secure and manage
the Elastic Stack**

Build Custom Apps

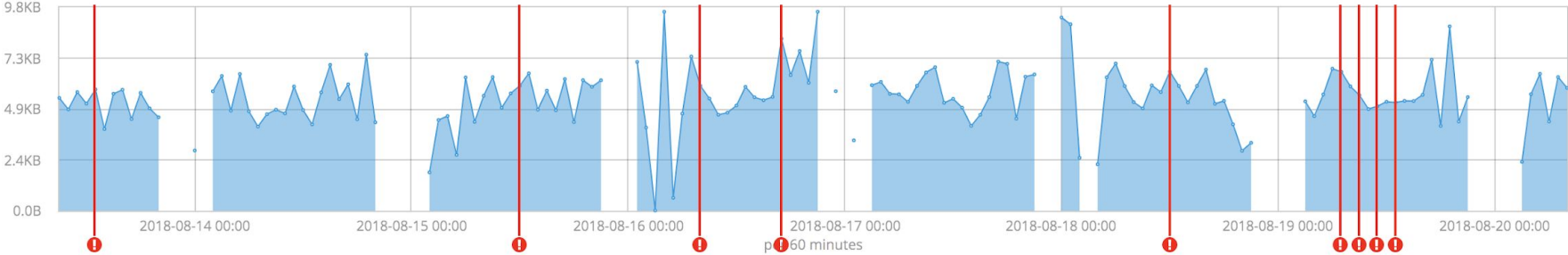
All the visualizations you expect, and then some more



Explore your time series data using specialized UIs

This visualization is marked as experimental. Have feedback? Please create an issue in [GitHub](#).

Time Series Metric Top N Gauge Markdown Table



Auto Apply Apply Changes The changes will be automatically applied.

Data Panel Options Annotations

Label



Metrics Options

Aggregation Average Field bytes

Explore geo data on maps, powered by Elastic Maps Service

Visualize / [Demo] Unique Visitors

Save Share Inspect Refresh Reporting Auto-refresh Last 7 days

Search... (e.g. status:200 AND extension:PHP) Options

Add a filter +

logstash-*

Data Options

Metrics

Value

Aggregation Unique Count help

Unique Count

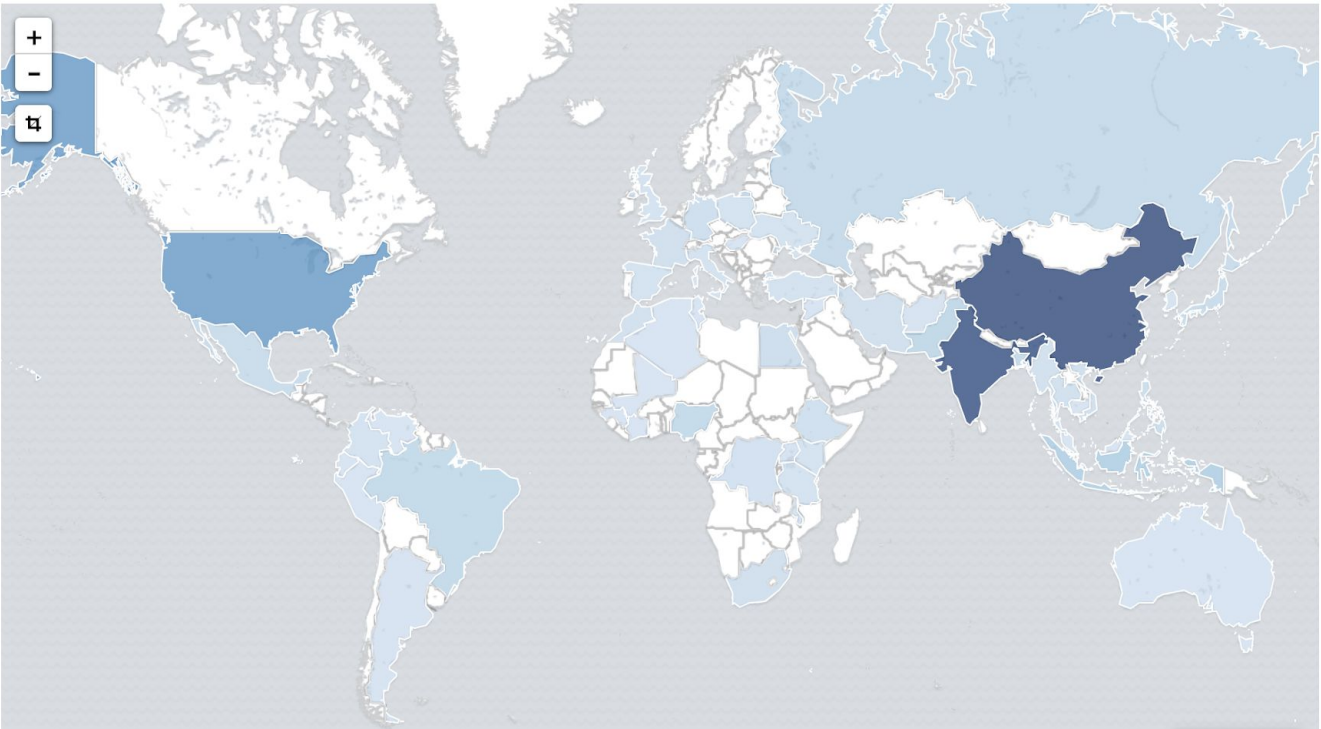
Field clientip

Custom Label Unique Visitors

Advanced

Buckets

shape field geo.src: Descending



The map displays a world view with countries shaded in different intensities of blue. China and India are the darkest, indicating the highest number of unique visitors. The United States is a medium blue. Most other countries are light blue. The map includes zoom controls (+, -, and a location pin icon) in the top left corner.

Stack Features

Powerful feature that apply across use cases

Security

Granular and tightly integrated

Authentication

Native (built-in)

3rd Party (LDAP and AD)

SSO (SAML & Kerberos)

Custom (add your own)

Granular Controls

Document & field level permissions

Integrated with Kibana Spaces

Encryption

In transit (TLS & SSL)

At rest (using dmccrypt)

And more (audit logs, IP filters,...)

The screenshot displays the Kibana Security console interface for configuring a role. The breadcrumb navigation at the top reads "Management / Security / Roles". The current page is titled "Users Roles" and the specific role being configured is "coffeeindex_writer". A "Delete role" button is visible in the top right corner.

The role configuration is organized into several sections:

- Name:** coffeeindex_writer
- Cluster Privileges:** A list of checkboxes for various cluster-level permissions. The checked items are "monitor" and "manage_index_templates". Other unchecked items include "all", "manage", "manage_security", "manage_pipeline", "manage_ingest_pipelines", "transport_client", "manage_ml", "monitor_ml", "manage_watcher", and "monitor_watcher".
- Kibana Privileges:** A list of checkboxes for Kibana-specific permissions. The checked item is "read". "all" is unchecked.
- Run As Privileges:** A text input field containing "Add a user...".
- Index Privileges:** This section includes:
 - Indices:** A text input field containing "elasticcoffee".
 - Privileges:** A text input field containing "write" and "create_index".
 - Granted Documents Query:** A text input field with the label "Optional".
 - Granted Fields:** A text input field with the label "Optional".

At the bottom of the configuration area, there are "Save" and "Cancel" buttons. A vertical sidebar on the left contains navigation icons, with the settings gear icon highlighted.

Alerting

Alert on anything you can query

Powered by Elasticsearch

Alert on any Elasticsearch query

Distributed execution

Highly available

Notifications

Email, Slack, PagerDuty.

Custom (webhook)

Stack Integrations

Machine learning, Monitoring, and Reporting



apm-high-load-opbeans

Send an alert when a specific condition is met. This will run every 10 seconds.

Name

apm-high-load-opbeans

Indices to query

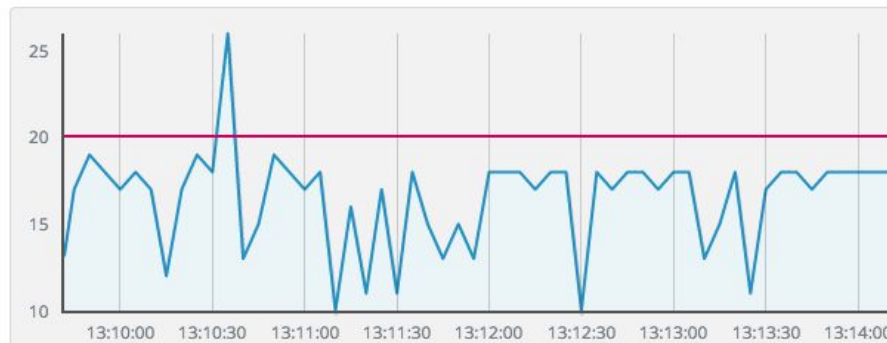
apm-*-transaction-*

Use * to broaden your search query

Matching the following condition

WHEN count() GROUPED OVER top 10 'context.service.name' IS ABOVE 20 FOR THE LAST 70

context.service.name (1 of 4): opbeans-node



Monitoring

Elastic Stack health at a glance

Full Stack Monitoring

Kibana UIs & dashboards

Track multiple clusters

Vital stats at all levels

Performance Optimization

Optimize performance

Capacity planning

Root cause analysis

Automated Health Alerts

Use with alerting & ML

The screenshot displays the Elastic Stack monitoring dashboard. At the top, it shows the cluster ID '632af92a492e459ea456f9acb6cf0d83' and the status 'Elasticsearch Health is green'. A warning indicates the 'Platinum license will expire on December 31, 2018'. The dashboard is organized into three main sections: Elasticsearch, Kibana, and Beats. Each section has an 'Overview' card and a specific metrics card. The Elasticsearch section shows version 6.3.1, 2 months uptime, 9 jobs, 7 nodes, 94.68% disk available, 56.22% JVM heap, 40 indices, 261,024,220 documents, 217.1 GB disk usage, 96 primary shards, and 95 replica shards. The Kibana section shows 45 requests, 1124 ms max response time, 2 instances, 3 connections, and 17.97% memory usage. The Beats section shows 17.9m total events, 12.9 GB bytes sent, and 10 beats including 3 Packetbeat, 4 Metricbeat, and 3 Filebeat.

Clusters
632af92a492e459ea456f9acb6cf0d83

Elasticsearch • Health is green Platinum license will expire on December 31, 2018

Overview

Version	6.3.1
Uptime	2 months
Jobs	9

Nodes: 7

Disk Available	94.68%	4.5 TB / 4.8 TB
JVM Heap	56.22%	57.2 GB / 101.8 GB

Indices: 40

Documents	261,024,220
Disk Usage	217.1 GB
Primary Shards	96
Replica Shards	95

Kibana • Health is green

Overview

Requests	45
Max. Response Time	1124 ms

Instances: 2

Connections	3	
Memory Usage	17.97%	550.5 MB / 3.0 GB

Beats

Overview

Total Events	17.9m
Bytes Sent	12.9 GB

Beats: 10

Packetbeat	3
Metricbeat	4
Filebeat	3

Reporting

Share the Kibana <3

Export to PDF or CSV

Dashboards & visuals

Canvas workpads

Saved searches

Automate Reporting

Generate on a schedule

Trigger on a condition

Delivered to your inbox

The screenshot shows a Kibana reporting dashboard. At the top, there are icons for Refresh, Print, Share, and a link icon. A modal window is open in the center, titled 'Export as PDF'. It contains the text: 'Click below to create a PDF. You'll be notified when the export is complete'. Below this is a button labeled 'Export as PDF'. Further down, it says: 'To generate a PDF from a script or with Watcher, use this URL.' followed by a text input field containing the URL 'http://localhost:5601/api/reporting/g' and a copy icon. The dashboard background features a grid of six team member cards, each with a blue circular icon containing a number and a stylized face. The cards are: Product Manager (17), Solution Architect (4), Consulting Engineer (127), Developer Evangelist (11), and Training Engineer (3). Below the grid is a section titled 'Your conversations lasted for this long' with a green progress bar. At the bottom, there is a donut chart showing two segments: a dark blue segment for '5-10' (29%) and a light blue segment for '0-5' (36%). On the right side, there is a vertical list of categories with yellow bars, including 'You', 'Ope', 'Don', 'App', 'Oth', 'APM', 'Secu', 'Ente', 'Site', and 'Bus'.

Graph

Find meaningful connections

Same data. New views.

Uses Elasticsearch relevance features

Includes an API & UI

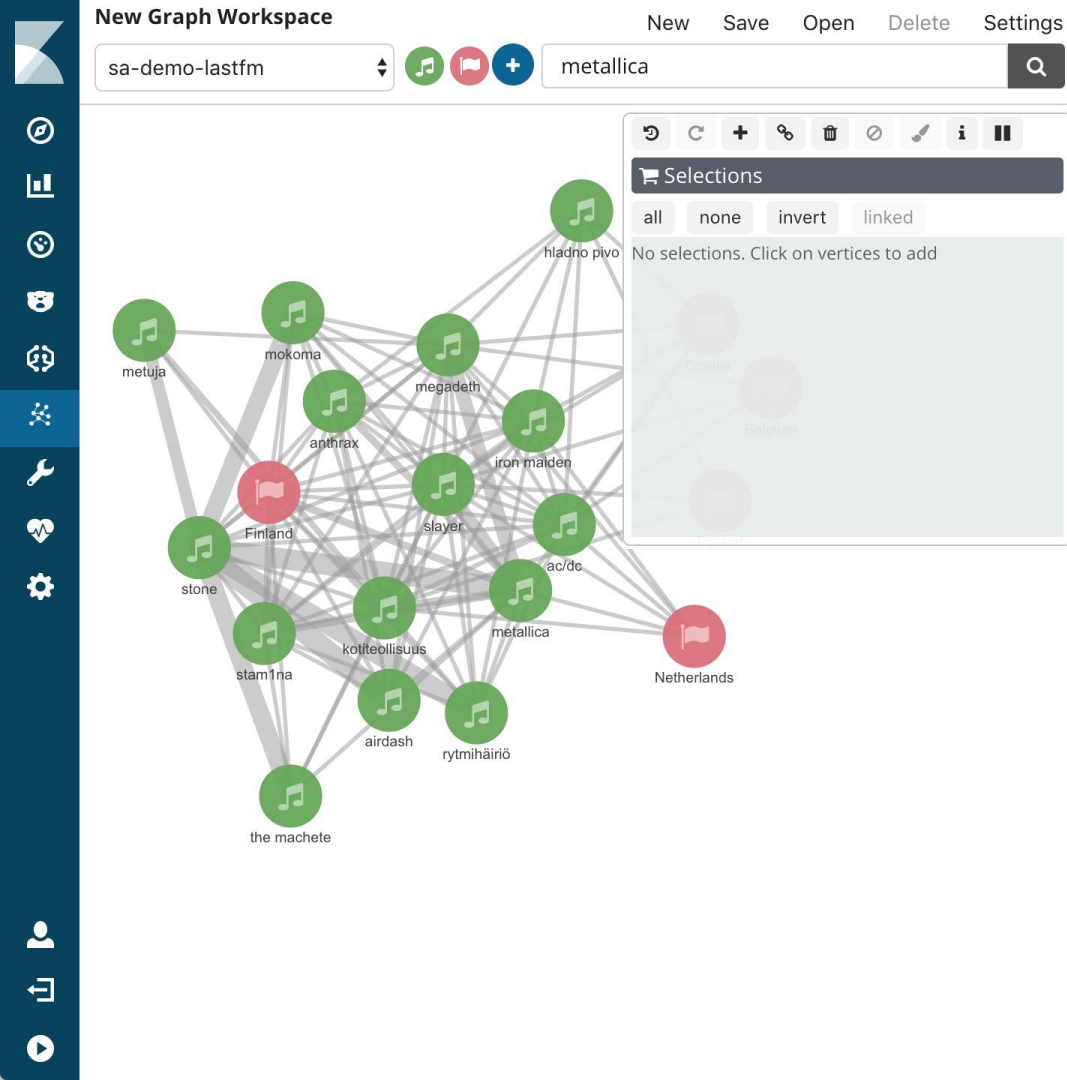
Use Cases

Recommendations

Fraud discovery

Threat hunting

Behavior analysis



Machine Learning

Detect the unusual in your data

Automated Anomaly Detection

Unsupervised algorithms

Continuous (online) model

Single & multiple time series

Population outliers

Forecasting

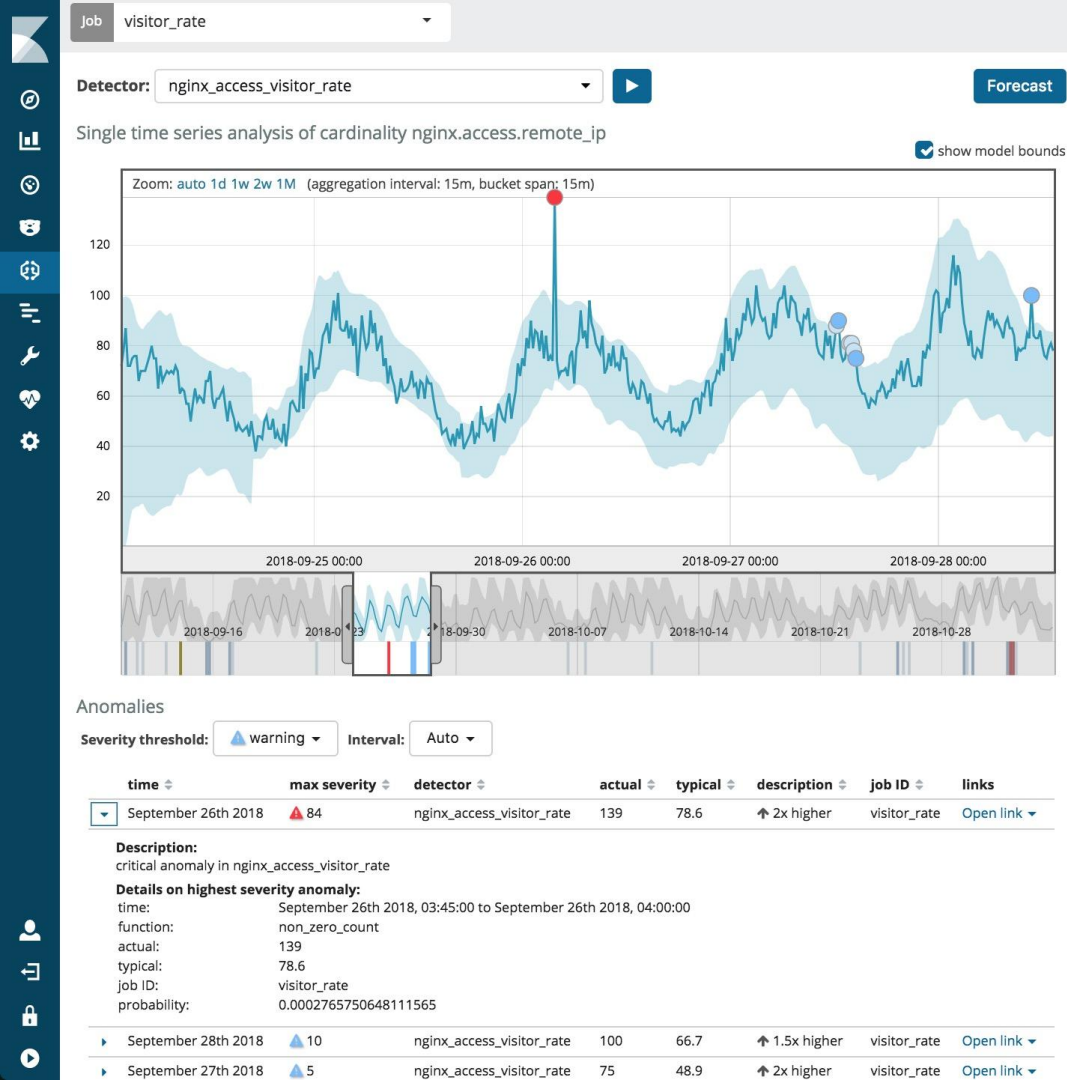
Many Use Cases

IT Operations

Security Analytics

Business KPIs

APM



What's New



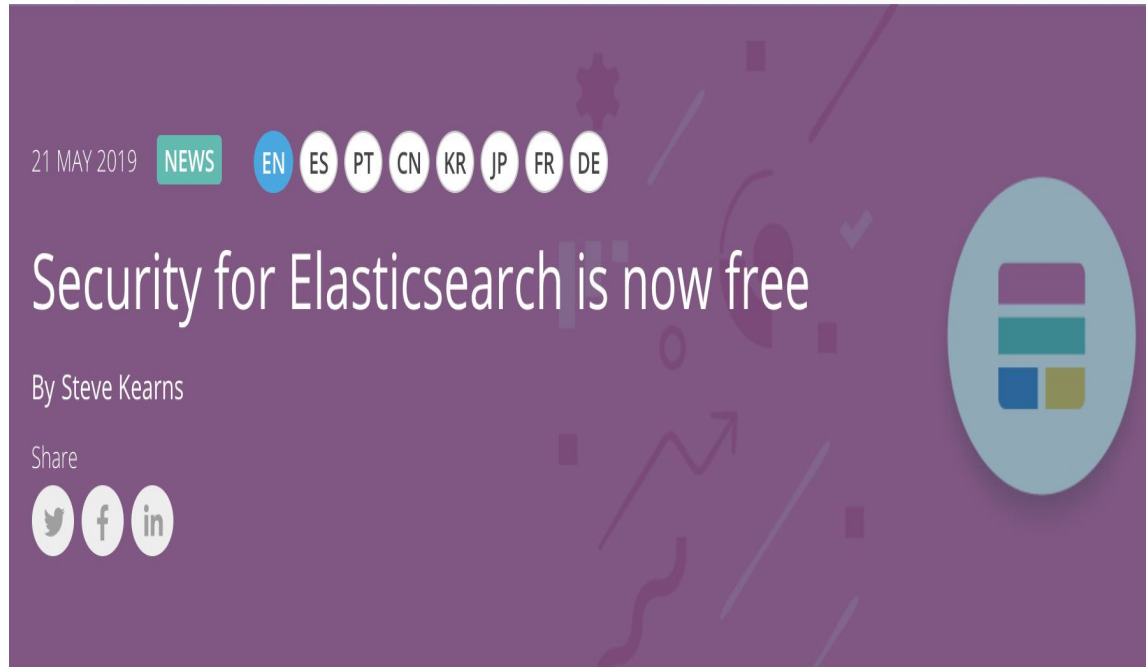
Core Security Features is now Free!

Basic (free)

TLS for encrypted communications

File and native realm for creating and managing users

Role-based access control for controlling user access to cluster APIs and indexes; also allows multi-tenancy for Kibana with security for Kibana Spaces






21 MAY 2019 NEWS EN ES PT CN KR JP FR DE

Security for Elasticsearch is now free

By Steve Kearns

Share

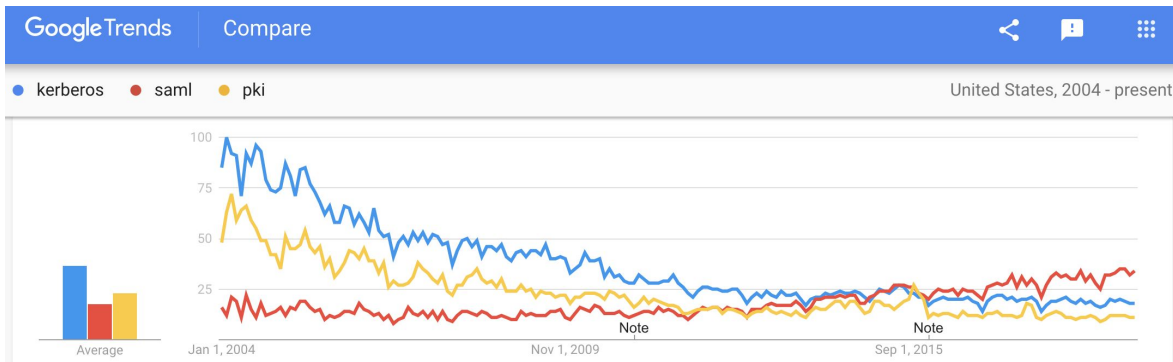
The screenshot shows a news article header on a purple background. At the top left, it says '21 MAY 2019' followed by a 'NEWS' tag and a row of language selection buttons: EN, ES, PT, CN, KR, JP, FR, DE. The main headline is 'Security for Elasticsearch is now free' in large white text. Below the headline, it says 'By Steve Kearns'. There is a 'Share' section with icons for Twitter, Facebook, and LinkedIn. On the right side, there is a large light blue oval containing a stylized icon of a document or interface with colored blocks.

Kerberos support

Even more SSO authentication options!

Benefits:

- One of the most used auth protocols in enterprise environments
- One of the most widely tested and trusted auth protocols
- Additional SSO option



Example enhancement requests:

- ABN AMRO
- Informatique CDC
- Österreichisches Parlament
- Svenska Handelsbanken AB
- Volkswagen
- MAPFRE
- Morgan Stanley
- Leggett & Platt
- EUIPO
-

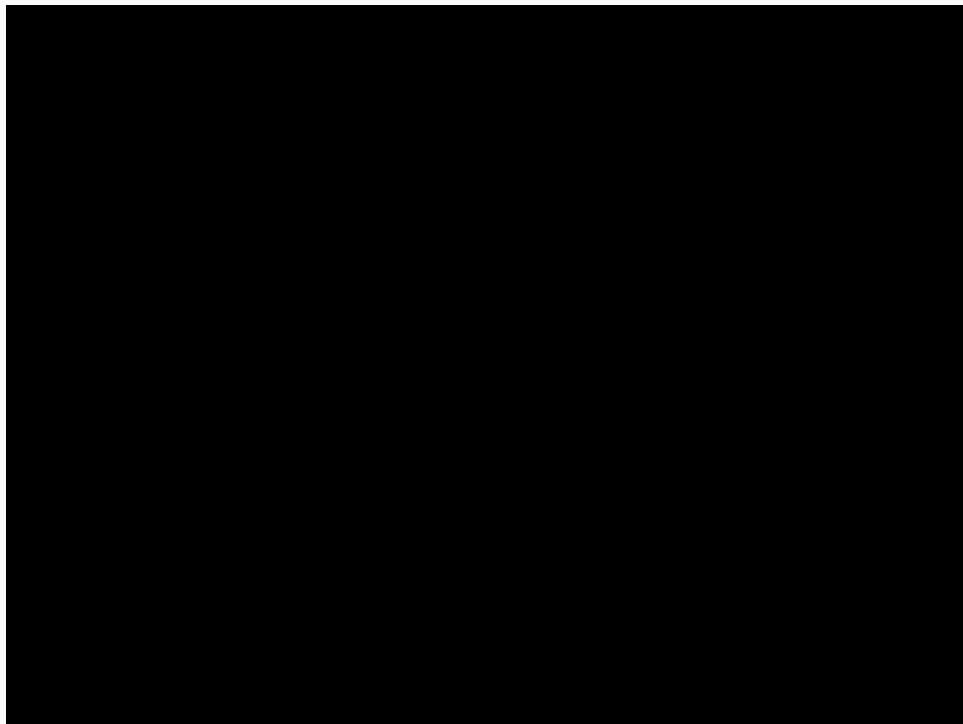
Index Lifecycle Mgmt

GA | Basic (free)

Simplifies defining, automating, and managing lifecycle of your data

Lifecycle phases (supported actions)

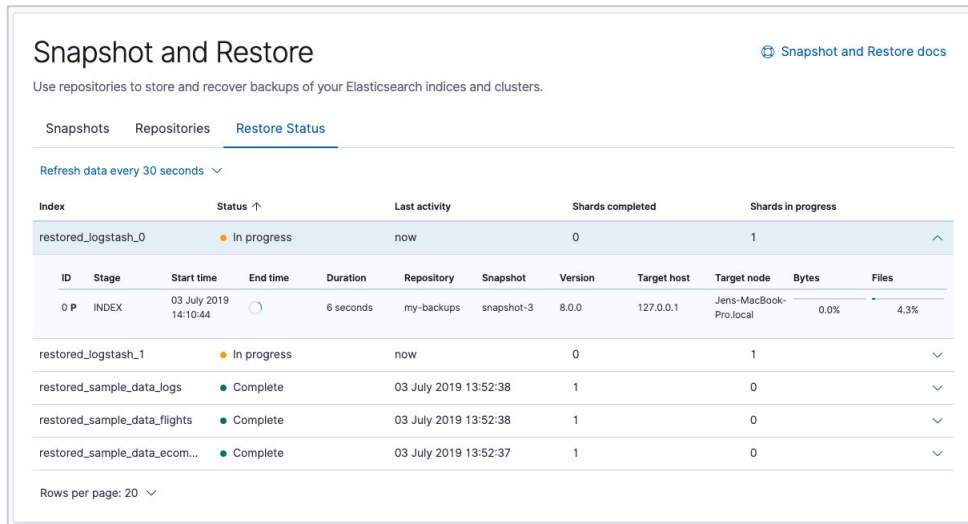
Phase	Supported Actions
Hot	Rollover, Set recovery priority
Warm	Minimum age, Forcemerge, Shrink, Allocate, Set replicas, Set recovery priority
Cold	Allocate, Freeze Index, Set replicas, Set recovery priority
Delete	Delete, Set recovery priority



Snapshot & Restore UI

Snapshot deletion and restore

- Second phase of this feature delivery (7.2 Snapshot & Repositories)
- Restore indices from any snapshot
- Track restore progress on the Restore Status tab
- Delete unneeded snapshots



The screenshot displays the 'Snapshot and Restore' interface. At the top, there are tabs for 'Snapshots', 'Repositories', and 'Restore Status', with 'Restore Status' being the active tab. Below the tabs, there is a 'Refresh data every 30 seconds' dropdown. The main content is a table with columns for 'Index', 'Status', 'Last activity', 'Shards completed', and 'Shards in progress'. The table lists several restore operations, including 'restored_logstash_0' which is currently 'In progress'.

Index	Status	Last activity	Shards completed	Shards in progress
restored_logstash_0	In progress	now	0	1
restored_logstash_1	In progress	now	0	1
restored_sample_data_logs	Complete	03 July 2019 13:52:38	1	0
restored_sample_data_flights	Complete	03 July 2019 13:52:38	1	0
restored_sample_data_ecom...	Complete	03 July 2019 13:52:37	1	0

Below the table, there is a 'Rows per page: 20' dropdown.

New Look & Feel

Basic (free)

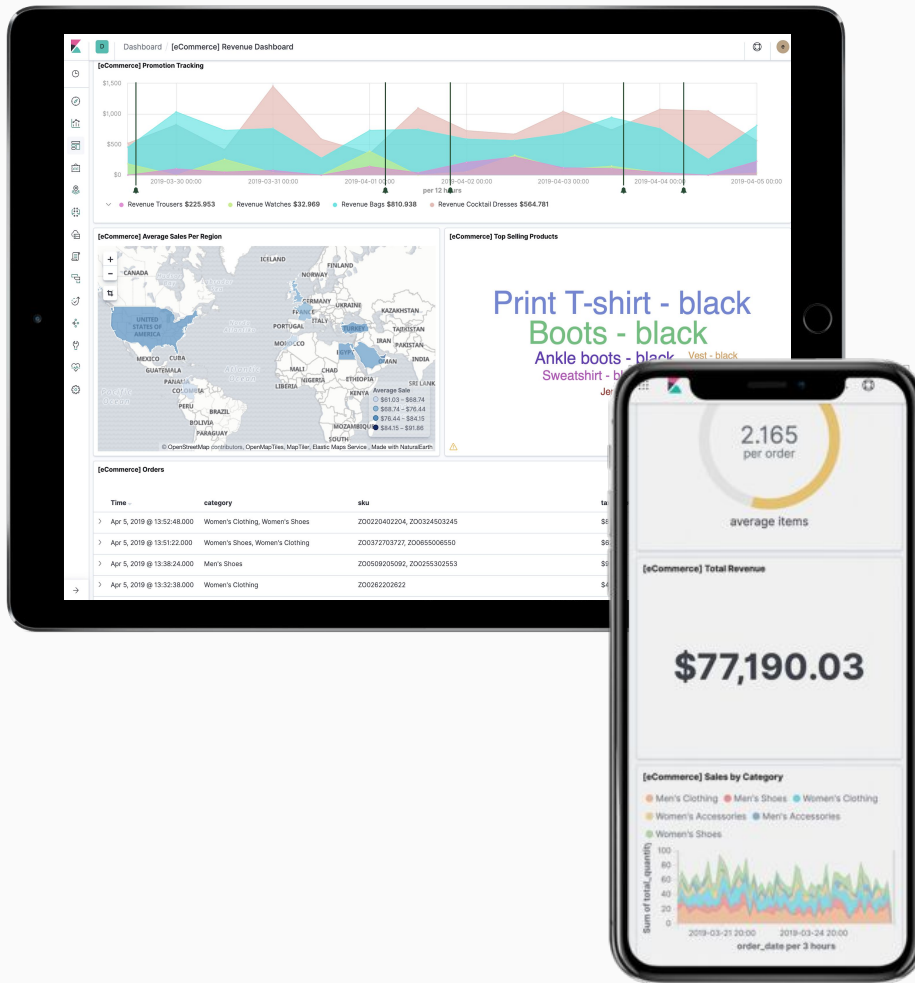
New global navigation

Dark mode everywhere

Responsive dashboards

Enhanced timepicker

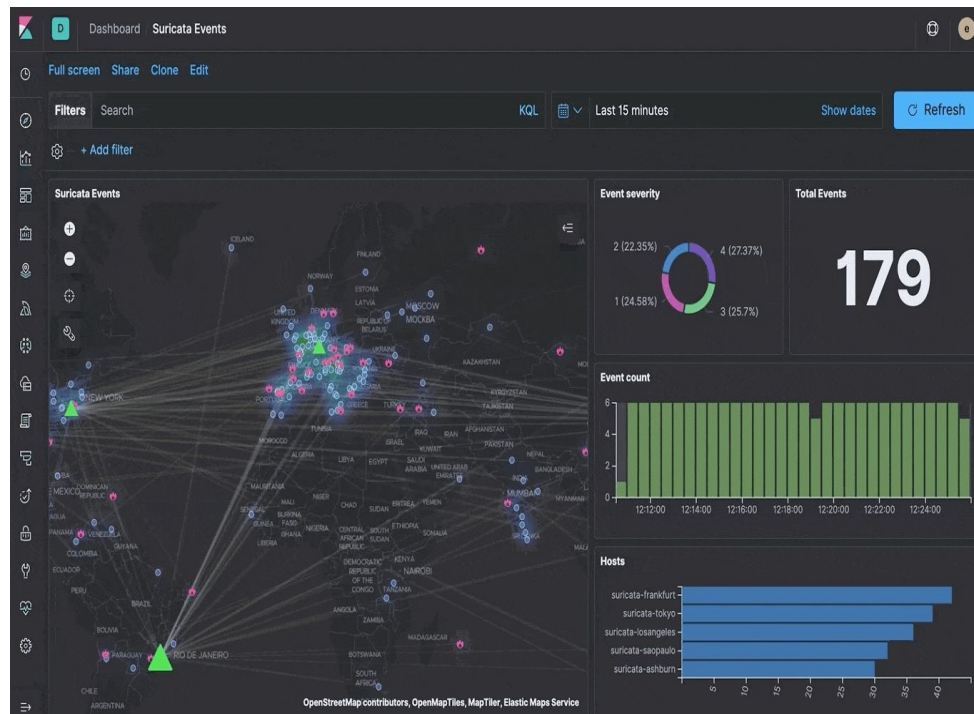
Kibana query language on by default



Elastic Maps is GA!

What was once beta is now production ready

- **Key features introduced during beta:** Multiple layers, individual documents, client side styling, layer classification and dashboard embeddability
- **Custom icons:** Showcase points on a map with a variety of different icons wherein the size, color, and orientation can be statically or dynamically styled.
- **Last known location:** For use cases that require tracking the most recent status, you can also opt in to show only the last known location for a given point on a layer using the Top Hits aggregation in Elasticsearch.
- **GeoJSON upload (beta):** Through direct ingestion into Elasticsearch, the feature enables map creators to drag and drop GeoJSON files enriched with points, shapes, and content into a map for instantaneous visualization.



Canvas

GA | Basic (free)

Showcase your data, live & pixel-perfect

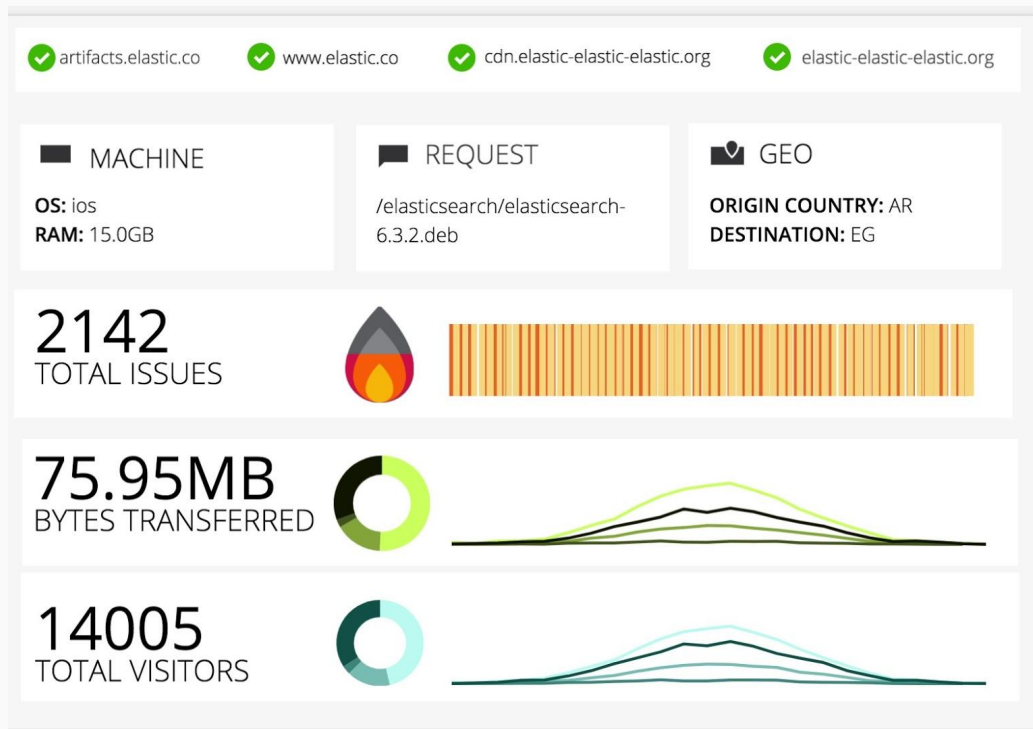
Tell the story of your data, your way

Showcase your work on the big screen

Support Elasticsearch SQL

Automate reporting (adios copy/paste)

Built for the community, extend Canvas with plugins



New Beats Modules

New Filebeat Modules

- Zeek (fka Bro) (Basic)
- IPtables (Basic)
- Santa (OSS)

New Metricbeat Modules

- AWS EC2 (Basic)
- NATS (OSS)

New enterprise DBs Modules

- Oracle (Metricbeat)
- AWS RDS (Metricbeat)
- CockroachDB (Metricbeat)
- MS SQL Server (Filebeat)

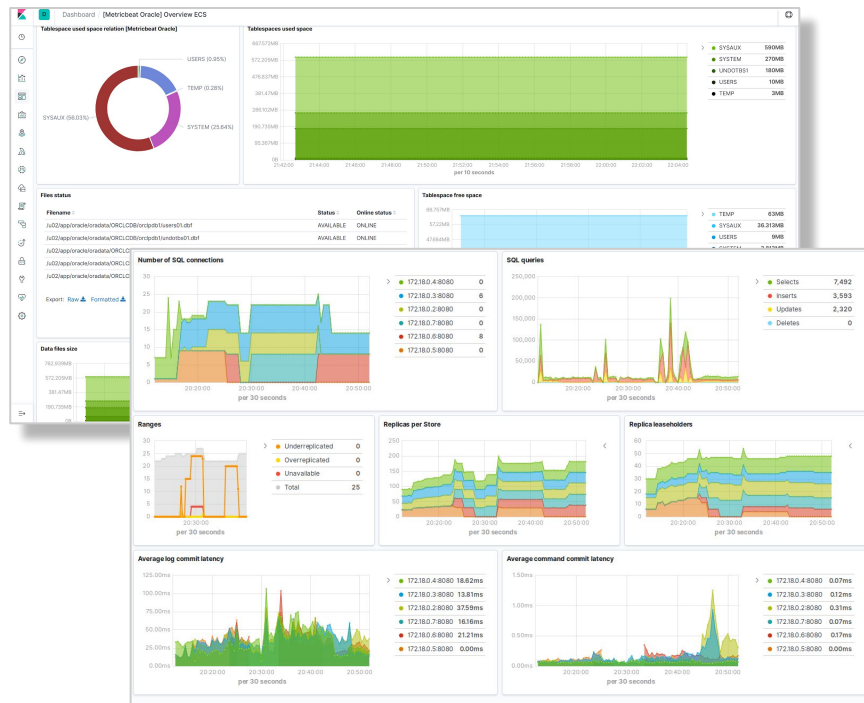


Databases for Days

More Modules

New modules for enterprise DBs

- Oracle (Metricbeat)
- AWS RDS (Metricbeat)
- CockroachDB (Metricbeat)
- MS SQL Server (Filebeat)



Elastic Uptime Solution

GA | Basic (free)

- UI for Heartbeat data
- Track the availability of key systems
- Check response codes, text content, and headers
- Verify TCP services availability and correctness
- Check API availability and correctness



Uptime Overview

Search...

Up Down ID Port T

Show dates

Endpoint status

Up	Down	Total
12	5	17

Status over time

Monitor status

Status	Last updated	Host	Port	Type	IP	Monitor History
Down	11 minutes ago	fake.elastic.co	80	http		
Up	11 minutes ago	www.elastic.co	80	http	151.101.2.217	
Up	11 minutes ago	www.google.com	80	http	74.125.141.103	
Up	11 minutes ago	demo.elastic.co	443	http	35.202.241.153	
Down	11 minutes ago	discuss.elastic.co	443	http	64.71.168.217	
Up	11 minutes ago	github.com	443	http	192.30.253.113	
Up	11 minutes ago	www.elastic.co	443	http	151.101.2.217	
Down	11 minutes ago	www.elastic.co	443	http	151.101.2.217	
Down	11 minutes ago	www.elastic.co	443	http	151.101.2.217	
Down	11 minutes ago	www.elastic.co	443	http	151.101.2.217	

Rows per page: 10

Error list

Error type	Monitor ID	Count	Latest er...	Status co...	Latest message
	http@https://www.elastic.co/prod	11			

Infrastructure Solution

GA | Basic (free)

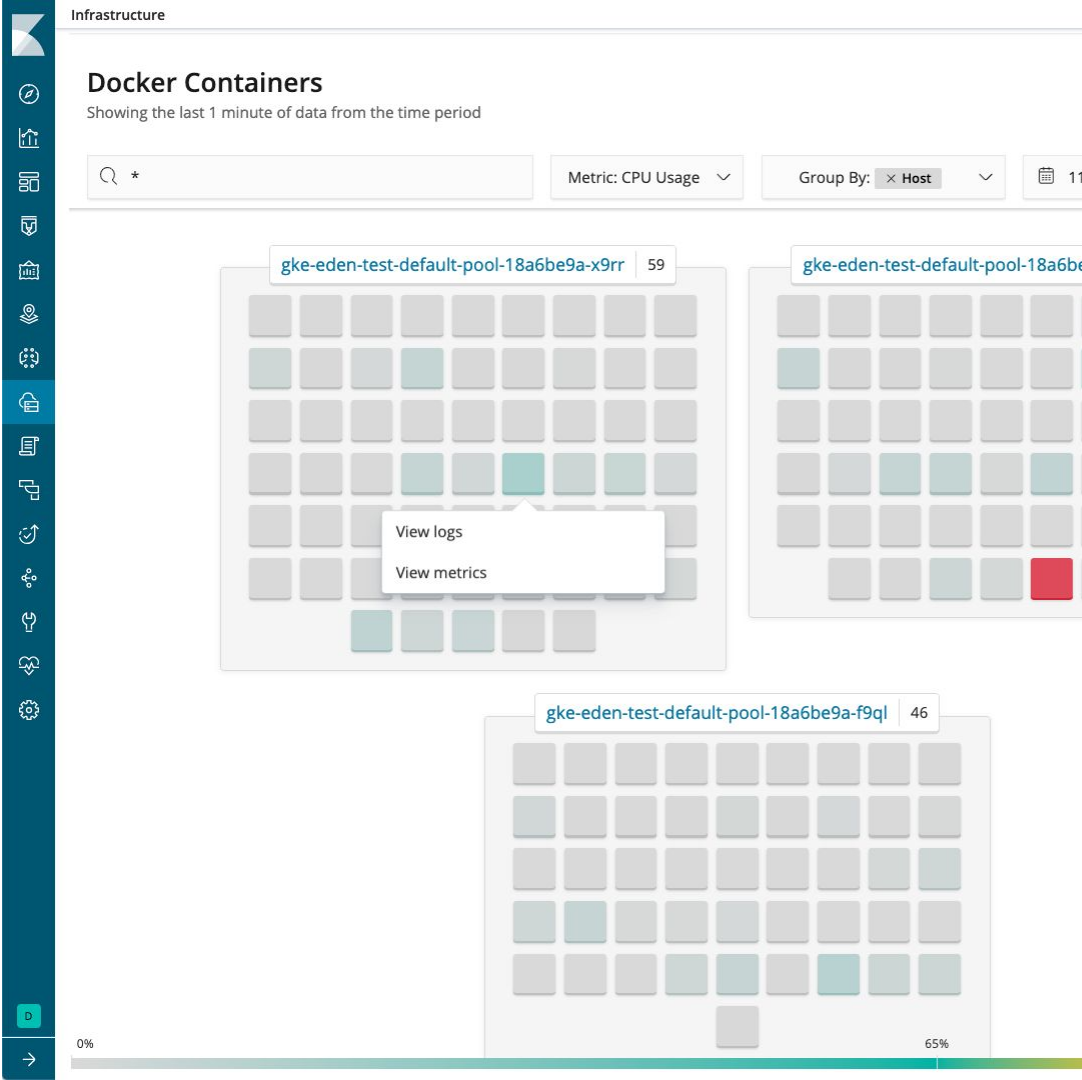
Curated experience for infra operators

Bird's eye view of 10K+ infra elements

Native support for Kubernetes, Docker

Drill down to metrics, logs, APM views

Ad hoc and structured search



Logs Solution

GA | Basic (free)

Compact log viewer optimized for live log event troubleshooting

Console-like display

Live log streaming (like tail -f)

Infinite scroll for historical logs

Ad hoc and structured search

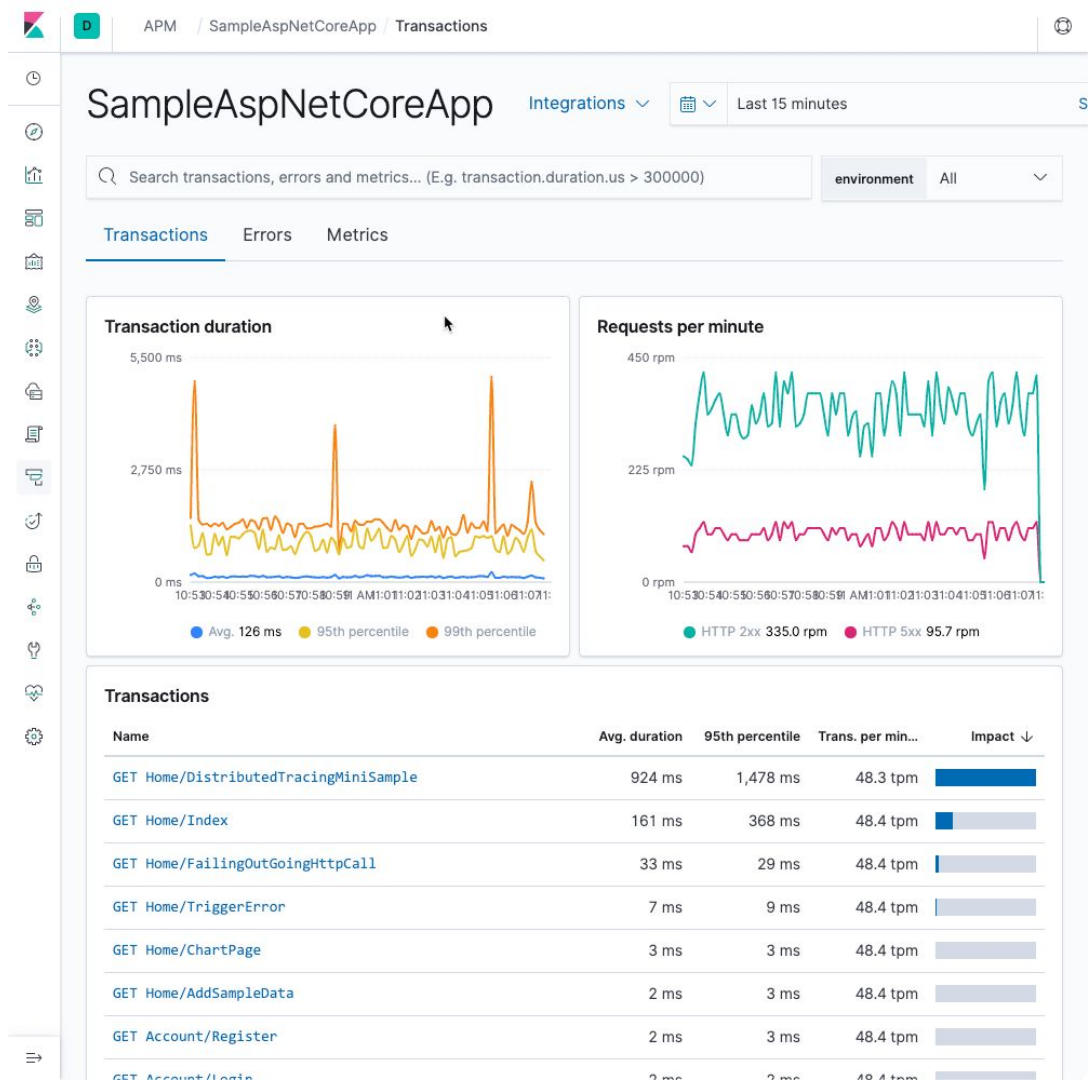
The screenshot displays the 'Logs Solution' interface. At the top, there is a search bar with the placeholder text 'Search for log entries... (e.g. host.name:host-1)'. To the right of the search bar are two radio buttons for 'Default' and 'Customize', and a date/time selector showing '03/07/2019 9:40:23 AM'. Below the search bar is a list of log entries, each consisting of a timestamp, IP address, and log message. The log messages are truncated on the right side. On the far right, there is a vertical timeline with time markers: 'Thu 07', '03 AM', '06 AM', '09 AM', '12 PM', '03 PM', '06 PM', and '09 PM'. A blue vertical bar on the left side of the interface contains several icons for navigation and settings.

Timestamp	IP Address	Log Message
2019-03-07 08:47:03.673	102.128.150.122	GET /enterprise HTTP/1.1" 200 3024 "-" "ML
2019-03-07 08:48:46.355	160.47.202.19	GET /apm-server/apm-server-6.3.2-amd64.deb ...
2019-03-07 08:52:03.762	67.9.191.126	GET /beats/metricbeat HTTP/1.1" 200 5298 "-"...
2019-03-07 08:52:46.589	37.27.50.6	GET /kibana/kibana-6.3.2-linux-x86_64.tar.gz H...
2019-03-07 08:54:07.305	26.150.255.63	GET /apm-server/apm-server-6.3.2-windows-x8...
2019-03-07 08:55:17.425	199.236.255.53	GET /kibana/kibana-6.3.2-darwin-x86_64.tar...
2019-03-07 08:56:06.300	110.78.46.100	GET /apm-server/apm-server-6.3.2-amd64.deb...
2019-03-07 09:11:39.067	103.23.205.126	GET /styles/semantic-ui.css HTTP/1.1" 503 ...
2019-03-07 09:13:40.050	28.86.156.19	GET / HTTP/1.1" 200 7764 "-" "Mozilla/5.0 (X...
2019-03-07 09:23:08.754	111.58.155.54	GET /apm HTTP/1.1" 200 1837 "-" "Mozilla/5...
2019-03-07 09:24:08.715	246.106.125.113	GET /apm-server/apm-server-6.3.2-windows-...
2019-03-07 09:27:29.757	247.66.192.54	GET /enterprise-search HTTP/1.1" 200 131 "-"...
2019-03-07 09:28:06.261	165.70.47.42	GET /styles/ads.css HTTP/1.1" 200 8419 "-" "
2019-03-07 09:29:01.265	92.17.158.57	GET /beats/metricbeat/metricbeat-6.3.2-amd64...
2019-03-07 09:30:14.185	170.71.61.40	GET /apm-server/apm-server-6.3.2-amd64.deb H...
2019-03-07 09:30:28.542	187.55.100.154	GET /beats/metricbeat/metricbeat-6.3.2-amd...
2019-03-07 09:33:21.329	71.231.222.196	GET /apm-server/apm-server-6.3.2-amd64.deb...
2019-03-07 09:35:14.818	230.58.7.204	GET /styles/app.css HTTP/1.1" 200 3735 "-" "
2019-03-07 09:35:32.636	99.92.225.21	GET /apm HTTP/1.1" 200 2411 "-" "Mozilla/5.0...
2019-03-07 09:40:23.103	210.170.134.119	GET /kibana/kibana-6.3.2-darwin-x86_64.ta...
2019-03-07 09:45:00.720	23.181.102.75	GET / HTTP/1.1" 200 5422 "-" "Mozilla/4.0 (...
2019-03-07 09:45:07.606	68.171.244.207	GET /beats/metricbeat/metricbeat-6.3.2-amd...
2019-03-07 09:45:13.335	181.108.104.89	GET /kibana/kibana-6.3.2-windows-x86_64.zi...
2019-03-07 09:50:49.786	107.152.89.90	GET /people/type:astronauts/name:michael-r-...
2019-03-07 09:51:57.359	100.177.58.231	GET /styles/main.css HTTP/1.1" 200 7616 "-" ...
2019-03-07 09:56:44.569	97.242.45.199	GET /styles/app.css HTTP/1.1" 200 8471 "-" "
2019-03-07 09:57:04.280	186.153.168.71	GET /elasticsearch/elasticsearch-6.3.2.tar...
2019-03-07 09:58:22.185	55.119.247.237	GET /apm-server/apm-server-6.3.2-windows-x...
2019-03-07 10:07:05.583	230.70.230.60	GET /apm HTTP/1.1" 200 9527 "-" "Mozilla/4...
2019-03-07 10:08:38.536	243.105.100.166	GET /enterprise HTTP/1.1" 200 5315 "-" "ML...
2019-03-07 10:17:45.024	112.82.236.207	GET /enterprise HTTP/1.1" 200 5503 "-" "Mo...
2019-03-07 10:19:20.404	248.205.58.59	GET /apm-server/apm-server-6.3.2-windows-x8...
2019-03-07 10:28:35.344	11.4.76.252	GET /enterprise HTTP/1.1" 200 6043 "-" "Mozil...
2019-03-07 10:39:09.264	9.145.215.151	GET /beats/metricbeat/metricbeat-6.3.2-i686...
2019-03-07 10:39:54.840	6.250.197.82	GET /beats HTTP/1.1" 200 5417 "-" "Mozilla/5...
2019-03-07 10:40:30.354	45.249.189.115	GET /people/type:astronauts/name:catherine...
2019-03-07 10:44:22.843	217.31.123.207	GET /beats/filebeat HTTP/1.1" 200 13311 "-"...
2019-03-07 10:49:16.516	45.236.189.115	GET /elasticsearch/elasticsearch-6.3.2.tar...
2019-03-07 10:51:55.497	231.122.114.195	GET /elasticsearch HTTP/1.1" 200 7296 "-" "
2019-03-07 10:54:37.430	102.58.10.128	GET /styles/main.css HTTP/1.1" 200 3317 "-"...

APM Solution:

.NET Agent GA

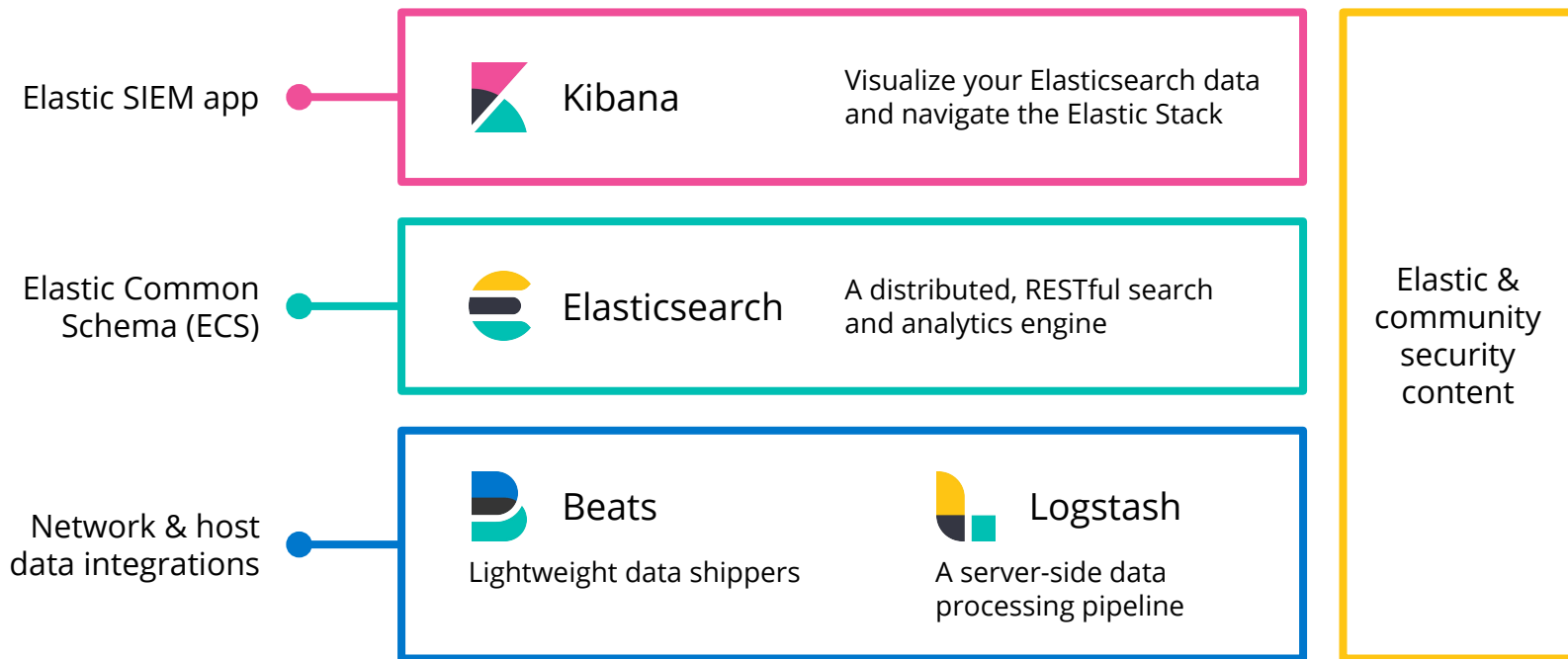
- Long anticipated
- Frequently asked for
- Ready for prime time!
- Support for:
 - .NET Core 2.x+
 - Entity Framework 2.x+
 - API for others





Elastic SIEM

A SIEM for Elastic Stack users everywhere



Enterprise Search

Beta

A unified search experience that follows you where you need the information most

Create a single source of truth for you and your team, across all content sources

The screenshot displays the Jetpack search interface. At the top, the search bar contains the query "email marketing pdfs" and a filter set to "All Time". On the left, a sidebar lists various content sources with their respective counts: All Sources (12), Dropbox (8), Confluence (6), People (5), Developer Docs (3), GitHub (1), JIRA (1), Google Drive (1), and Box (1). Below this, an "EXTENSION" section shows file types: pdf (7), png (2), txt (1), and svg (1), with a "SHOW MORE" link. The main content area shows search results for "email marketing pdfs". The first result is "Email Marketing Tools for the Modern Enterprise.pdf" located in "/Internal Operations/Vendor Material", last updated by Peggie Labadie on 3/27/17 at 9:12am. Below this is a section for "Email Marketing Education" containing four results: "Advanced Segmentation.pdf", "Multivariate Testing.pdf", "Comparative Reports.pdf", and "Defining Your Facebook Strategy.pdf", all located in "/Marketing/Email Marketing Education". The interface uses a clean, modern design with blue accents and clear typography.

Jetpack

email marketing pdfs

All Time

All Sources

Dropbox 12

Confluence 8

People 6

Developer Docs 5

GitHub 3

JIRA 1

Google Drive 1

Box 1

EXTENSION

pdf 7

png 2

txt 1

svg 1

SHOW MORE

Showing results for email marketing pdfs.

Email Marketing Tools for the Modern Enterprise.pdf
in /Internal Operations/Vendor Material
Last updated by Peggie Labadie on 3/27/17 at 9:12am

Email Marketing Education
/Marketing/Email Marketing Education

Advanced Segmentation.pdf
in /Marketing/Email Marketing Education
Last updated by Swiftype Demo on 3/28/17 at 10:06am

Multivariate Testing.pdf
in /Marketing/Email Marketing Education
Last updated by Swiftype Demo on 3/28/17 at 10:06am

Comparative Reports.pdf
in /Marketing/Email Marketing Education
Last updated by Jessica Smith on 3/28/17 at 10:06am

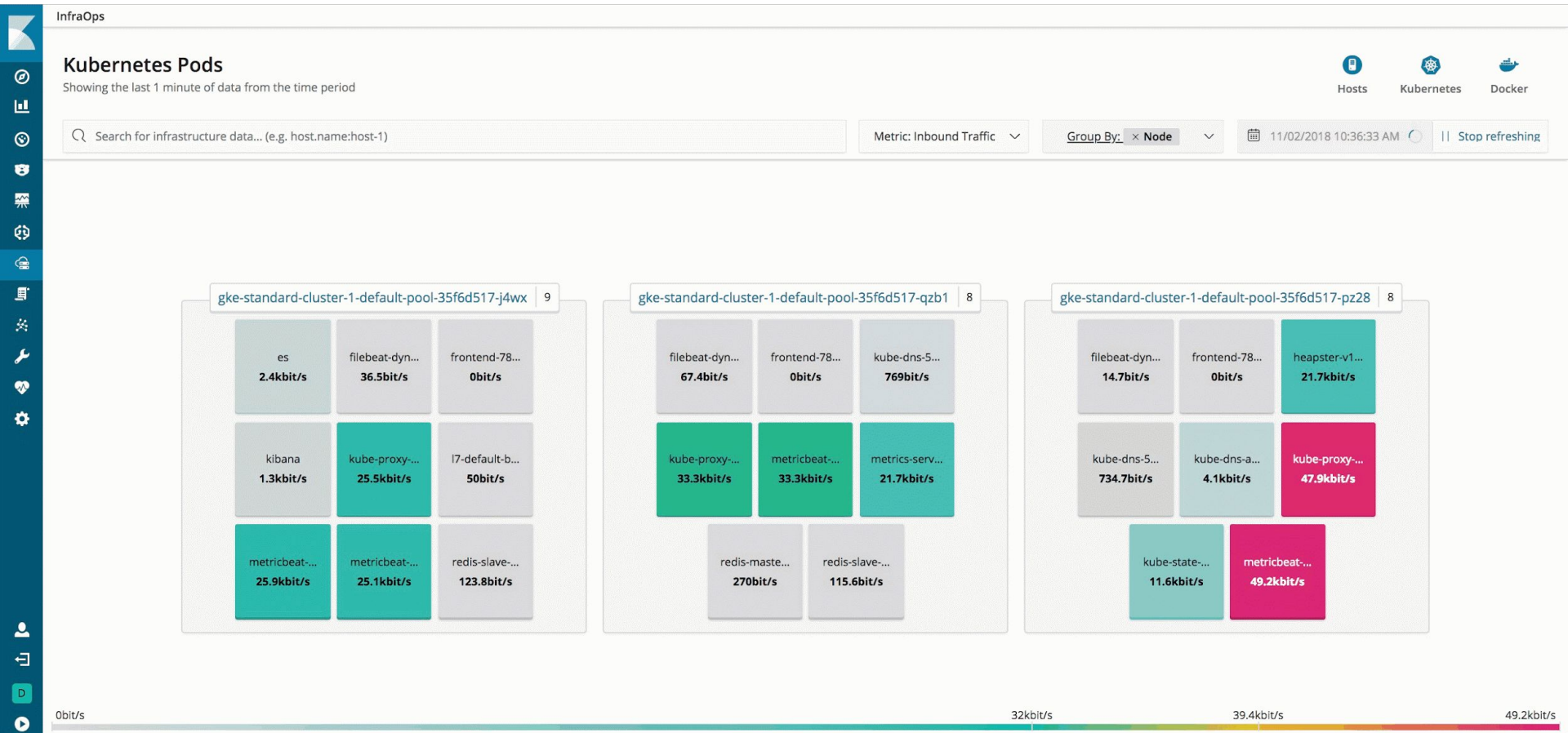
Defining Your Facebook Strategy.pdf
in /Marketing/Email Marketing Education
Last updated by Levi McGlynn on 4/3/17 at 8:02am

All Files
/All Files

Use Cases & **Solutions**

Logging

Your logs, your way. At any scale, with speed.



Infrastructure Metrics

Unify your infrastructure monitoring (logs, metrics, and traces) in one place



Loading Kibana



LOGS AND METRICS

+ 15 other use cases across Classifieds Ads, Merchandising, eCommerce, Inventory, Data Services, Enterprise Apps and more



With organic logging growing 50% year over year, and monitoring infrastructure spend at nearly 10%, one rogue log can ruin the platform. The checks and balances necessary to make sure we don't hit that roadblock are built with the Elastic Stack and Beats.



Security Analytics

A solution designed for fast, ad hoc exploration of security data at petabyte scale.

Network Overview | Network Suspicious Activity | Endpoint Overview | Endpoint OS Activity | Microsoft DNS Overview

DNS Metrics Overview

DNS - Event Throughput [A...

963,899
Event Count

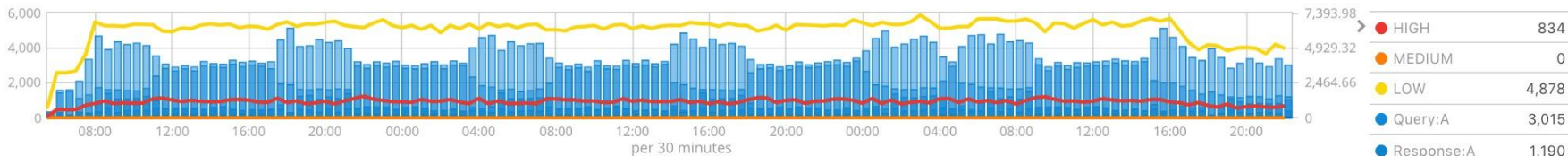
26
Threads

6
OpCodes

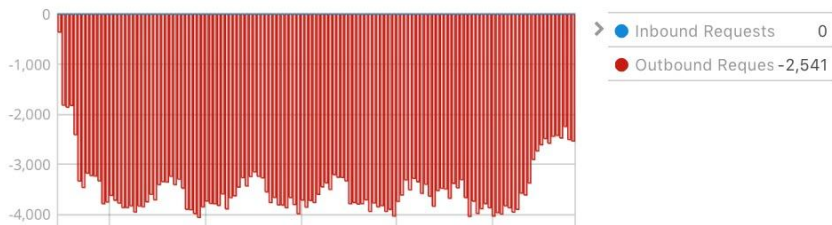
26
Activity Types



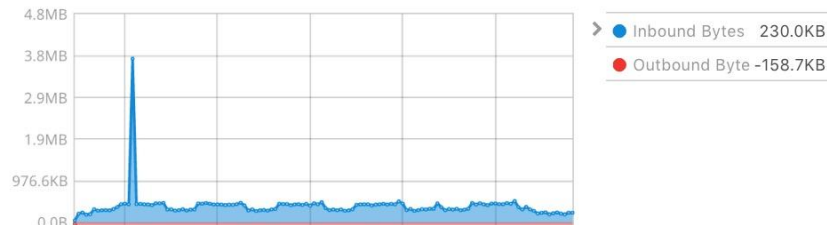
Events Types by Severity



Events by Direction



Events by Size





SECURITY ANALYTICS

+ dozens of other use cases across Commercial Banking, Financial Planning, Compliance, Capital Management, and more

“

The Elastic Stack made it possible for us to build Fusion – our centralized cyber security & defense platform – and protect the bank and our customers from real-time threats all over the world.

”

Site Search

Add search to your website in minutes. Powered by Elasticsearch.



SITE SEARCH

”

Site Search keeps pace with our prolific editorial schedule, ensuring our search results always include the latest articles — something we simply could not find elsewhere.

”

Where can I **learn** more?

<https://www.elastic.co/learn>



1

Meetups

Building awareness, technical upskilling and facilitating community building

2

Lunch & Learn / Seminar

Introductory. Learn about the Elastic Stack and the commercial extensions

3

Solution Workshop

Deepdive: Hands-on session for search, logging & security analytics

4

Account Days / Roadmap Days

Use case / team expansion within existing accounts



Elastic Kuala Lumpur User Group

Kuala Lumpur, Malaysia

138 members · Public group ?

Organized by **Elastic Community Team** and 1 other

Elastic Thailand User Group

Bangkok, Thailand

271 members · Public group ?

Organized by **Elastic Community Team**

Elastic User Group - Philippines

Taguig, Philippines

449 members · Public group ?

Organized by **Joseph Paulo Mantuano**



Elastic Training

Empowering Your People

<https://www.elastic.co/training/>

Immersive Learning

Lab-based exercises and knowledge checks to help master new skills

Solution-based Curriculum

Real-world examples and common use cases

Experienced Instructors

Expertly trained and deeply rooted in everything Elastic

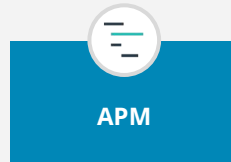
Performance-based Certification

Apply practical knowledge to real-world use cases, in real-time

FOUNDATION



SPECIALIZATIONS



Elastic Consulting Services

ACCELERATING YOUR PROJECT SUCCESS

PHASE-BASED PACKAGES

Align to project milestones at any stage in your journey

FLEXIBLE SCOPING

Shifts resource as your requirements change

GLOBAL CAPABILITY

Provide expert, trusted services worldwide

EXPERT ADVISORS

Understand your specific use cases

PROJECT GUIDANCE

Ensures your goals and accelerate timelines



THANK YOU

