



Elastic Stack: la soluzione per avere i dati sempre a portata di mano

STEFANO PAMPALONI AMM. SEACOM SRL







Chi è Seacom





Distributore italiano

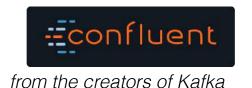
Authorized Zimbra Training Center

Aggregator (mercato ISP)

Fondatore di...



Gli altri prodotti





Workflow Simplified









Seacom Premium partner Elastic













Elastic Overview



Statistics since 2012, start of the company







100,000+

Community Members 130M+

Product Downloads

3,700+

Subscription Customers









Solving Problems Beyond 'Search'















"Migliora la cura dei pazienti aiutando a prendere le decisioni in tempo reale." "Aiuta a combattere il traffico di esseri umani."

"Analisi di 3-4 miliardi di eventi al giorno per la security intelligence." "Trovare la camera giusta non è mai semplice (senza Elastic)."

"Molti ambiti di utilizzo: ottimizzazione del trading, analisi dei log, reclutamento del personale."













High scale, not easily real-time, and high TCO



Key/value stores, schemaless, lack of analytical capabilities



Structured data, complex joins, not unstructured data



Single use case, not built to support multiple use cases

Great tools exist but do they solve today's data problems in a way that is real-time, scalable, and relevant to drive revenue growth and reduce costs?





Today's Developer Requirements



Horizontal Scale



Real-Time Data Availability



Model



Rapid Query Execution



Sophisticated Query Language



Schemaless







X-Pack



Application Search Metrics Analytics

Log Analytics
Business Analytics

Security Analytics

Many more ...

IoT

Recommendation

Search and analytics, it allestarted here

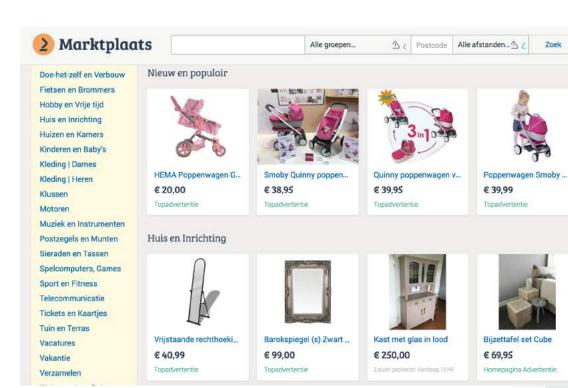
More than 60% of our customers have a search or analytics use case





Zoek



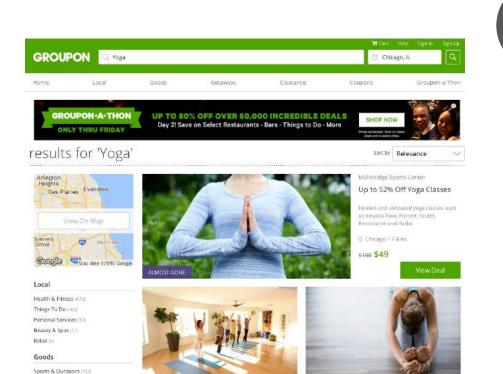












Up to 83% Off Yoga at Chicago Oneness

Chicago Oneness Center

⊕ Buena Park + 7.2 mi

Up to 76% Off Yoga Classes

\$100 \$29

@ Buena Park + 7.2 mi

\$100 \$29





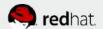
Women's Fashion (93)

Jewelry & Watches (18)

Baby, Kids & Toys (9) Men's Fashion (8)

Health & Beauty (3) For the Home (1)

Electronics (73) Entertainment (38)





Contatti

Assistenza Veloce

meeting

Cartelline in



Accedi/Registrati

19 Disponibili



€ 9,73

€ 9.66

Acquisto conf. da 5 a 9

Acquisto conf. oltre 9

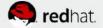
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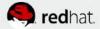












Logs Logs Logs, many devices, many systems

More than 40% of our customers use our products for operational log analysis







We collect more than
1.2 TB logs every day from
our infrastructure, web
servers, and applications.











We handle more than 3 billion daily events while meeting all of our data security requirements.











Equitalia

Log applicativi e di sistema

Provvedimento Garante Privacy accessi Amm. Sistemi







Sniff sniff sniff, find the bad actors in your data

200% YoY growth in security use cases with our products







We mine and analyze
4 billion events every day to
detect security hacks and threats.











We analyze piles of data: 13B AMP queries/day 600B emails/day 16B web requests/day











Telco Italiana

150TB totali
600Gb/day
Intrusion detection
Comportamenti anomali







75% of our customers use our products for multiple use cases















Goldman Sachs

1,000+ developers use the Elastic Stack for use cases from trade tracking to creating new HR and compliance apps.









We send from Mars more than **30K** messages 100K documents 4x a day for operational, telemetry, anomaly resolution, and log analysis.











Accenture

Piattaforma di content delivery per Broadcasting





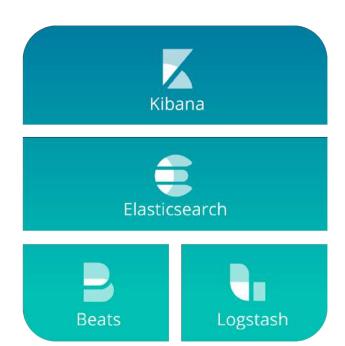






Elastic Stack

100% open source No enterprise edition All new versions with 5.0













X-Pack

Single install
Extensions for the Elastic Stack
Subscription pricing























Elasticsearch

Heart of the Elastic Stack

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Distributed, Scalable	High-availability	Multi-tenancy
Developer Friendly	Real-time, Full-text Search	Aggregations



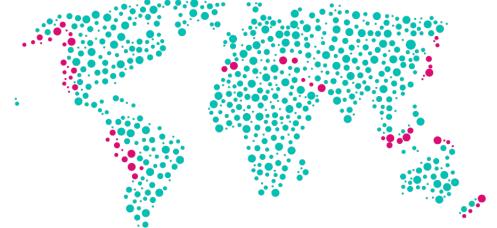








Window into the Elastic Stack

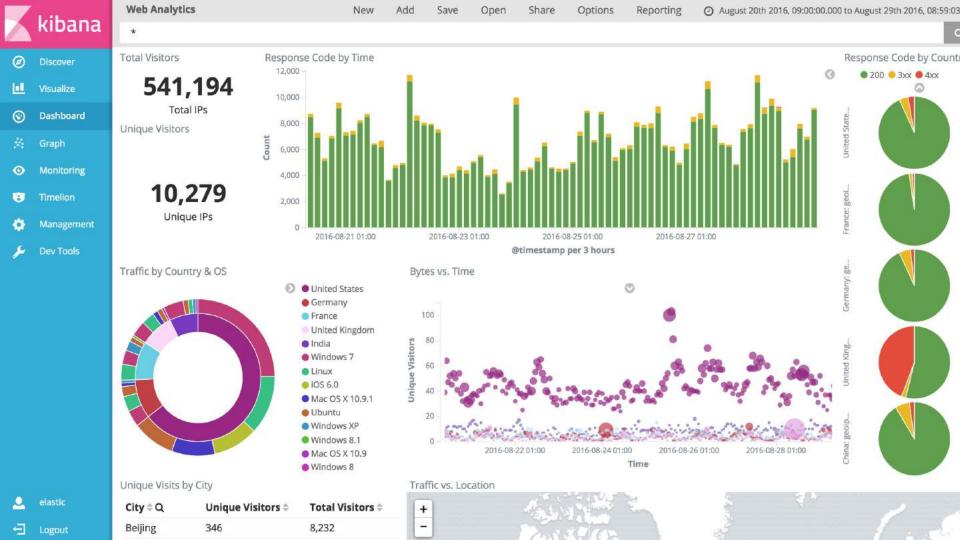


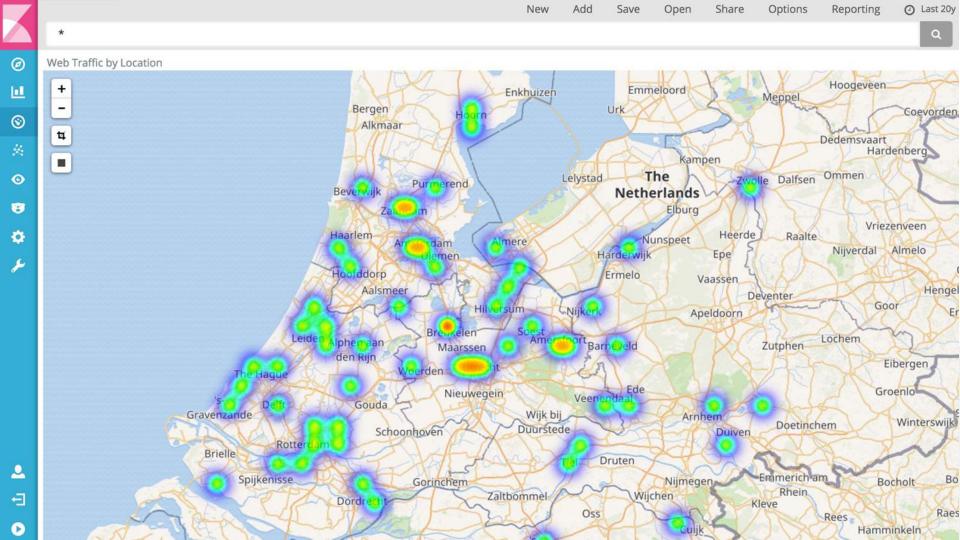
Visualize and analyze	Geospatial	Customize and Share Reports
Graph Exploration	UX to secure and manage the Elastic Stack	Build Custom Apps









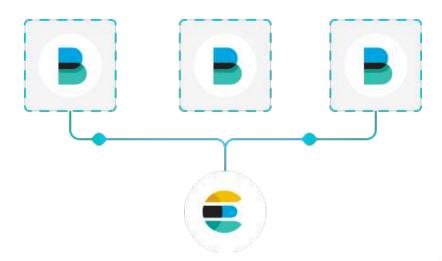






Beats

Window into the Elastic Stack



Ship data from the source	Ship and centralize in Elasticsearch	Ship to Logstash for transformation and parsin
Ship to Elastic Cloud	Libbeat: API framework to build custom beats	30+ community Beats

















FILEBEAT Log Files

METRICBEAT Metrics

PACKETBEAT
Network Data

WINGLOGBEAT Window Events

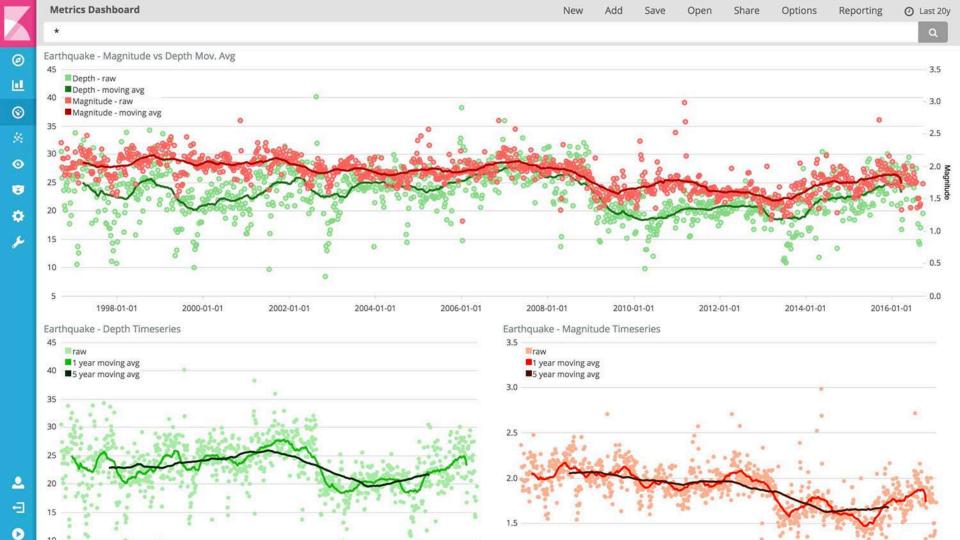
More than 30 community Beats and growing ...

Apachebeat, dockbeat, httpbeat, mysqlbeat, nginxbeat, redis beats, twitterbeat, and more







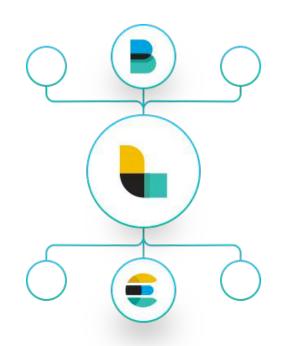






Logstash

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	Build your own pipeline	More than 200+ plugins







inputs





Elasticsearch for Hadoop

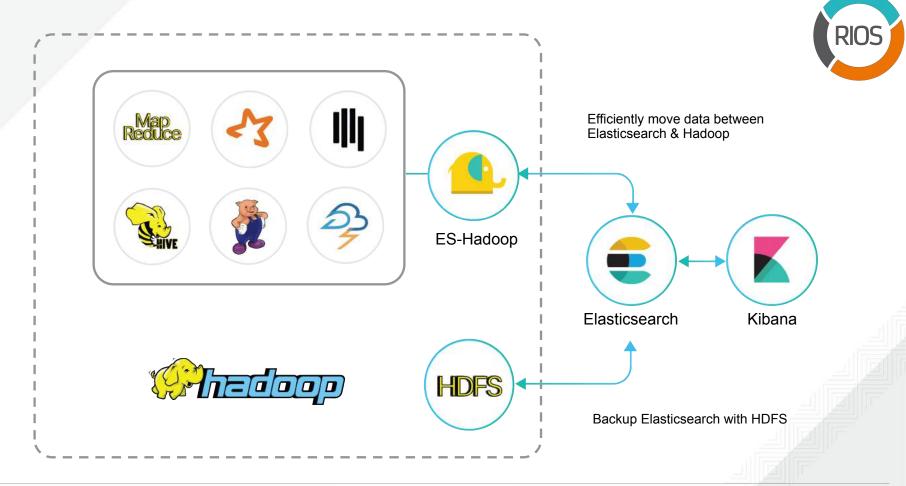


Two-way connector	Index Hadoop data in Elasticsearch	Enable real-time search capabilities
Visualize HDFS data in Kibana	Snapshot and restore with HDFS	Support for Spark, Storm MapReduce, and more



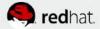










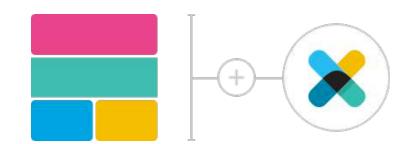








Extensions for the Elastic Stack



Security	Alerting	Monitoring		
Reporting	Graph Analytics	Single Install, included in Elastic Subscription		









AUTHENTICATION



- Username and password
- Integrate with authentication systems
- Create a custom realm to authenticate users

AUTHORITIZATION

- Manage users and roles
- Assign permissions and privileges

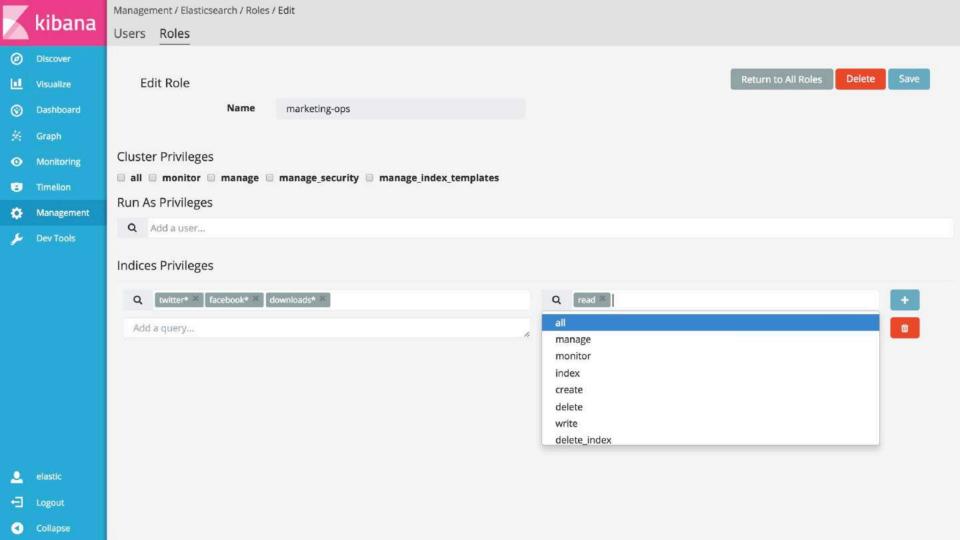
ADDITIONAL CONTROLS

- SSL/TLS encryption
- IP filtering
- Field and document level security
- Audit logging



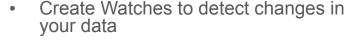






SETUP ALERTS





- Trigger automatic notifications
- Setup nested alerts
- Store and track alert history

NOTIFY AND INTEGRATE

- Email
- Slack
- Pagerduty
- Hipchat or JIRA
- Other monitoring systems

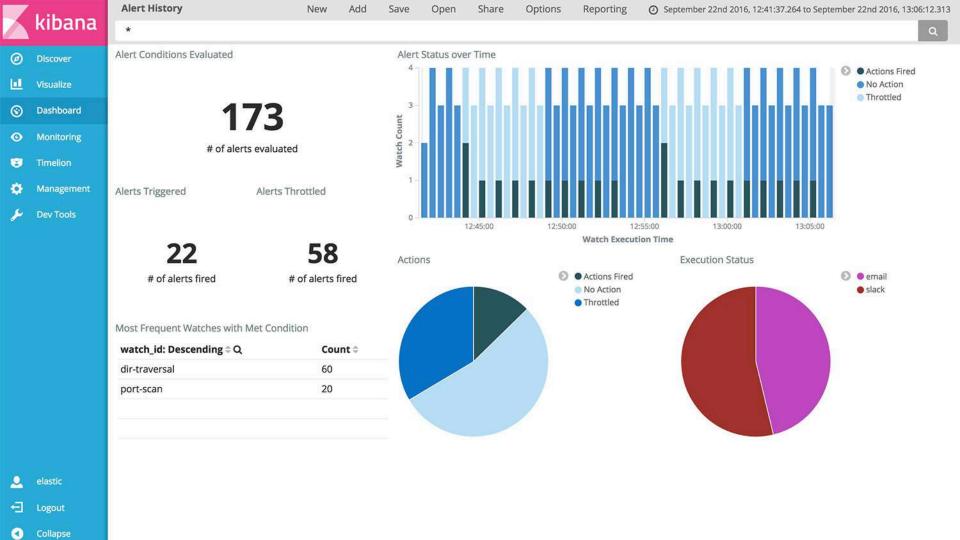


Alerting













Monitoring

MONITOR CLUSTER HEALTH

- Prebuilt Kibana dashboards to monitor the performance of the Elastic Stack
- Get vital statistics at various levels -cluster, node, and indices

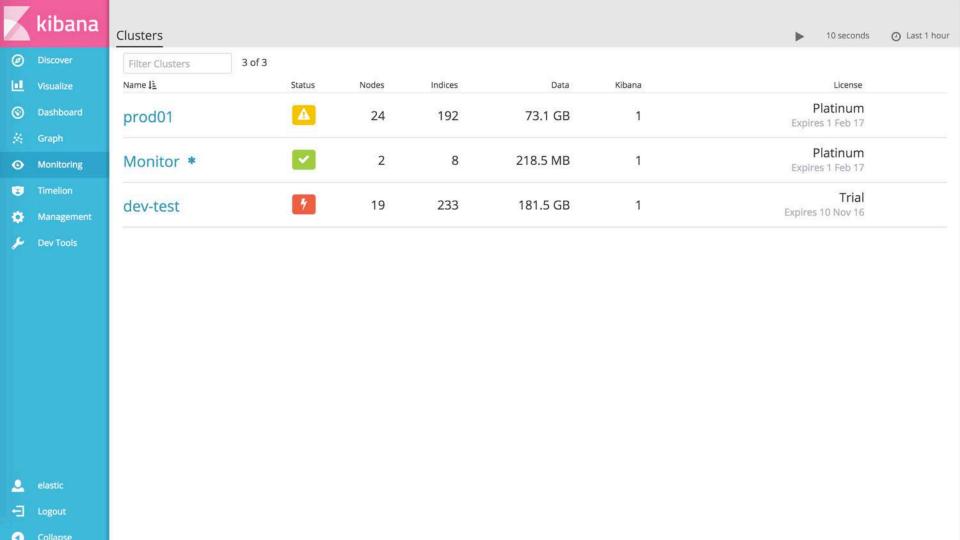
OPTIMIZE CLUSTER PERFORMANCE

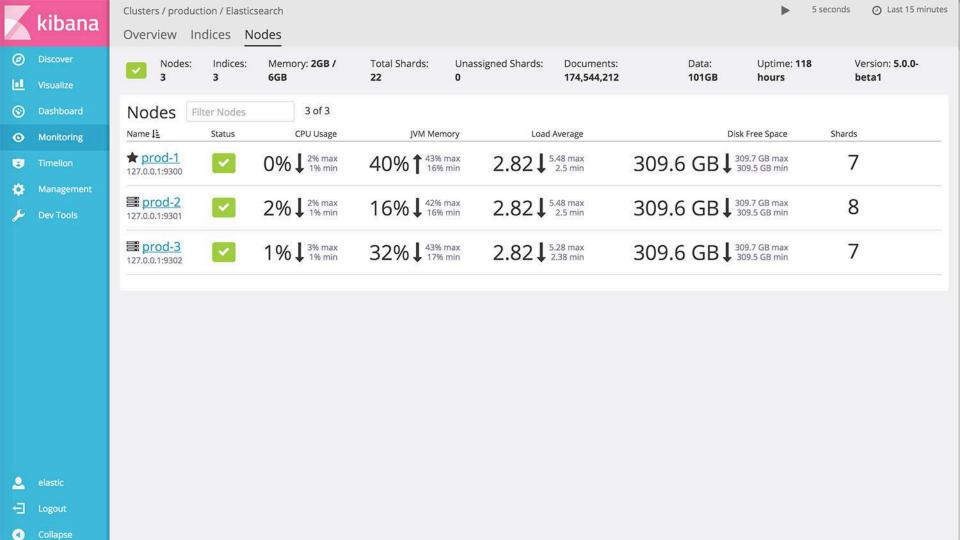
- Multicluster support to compare health and performance of multiple clusters
- Analyze historical or real-time data for root cause analyses
- Utilize analyses to proactively optimize and improve cluster performance
- Configure data retention policy

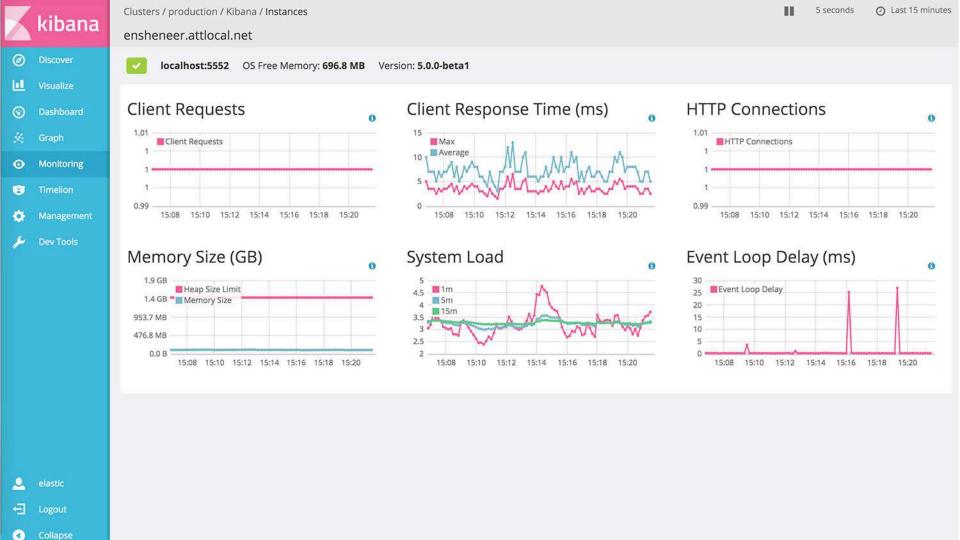
















Reporting

AUTOMATE SCHEDULING

- Email recurring status updates daily, weekly, monthly, etc.
- Combine reporting with X-Pack alerting capabilities to trigger conditional reports

SHARE AND COLLABORATE

- Export any Kibana visualization or dashboard
- Print-optimized and PDF formatted
- Download and share past reports







	kibana	Management / Kibana					
		Index Patterns Saved Objects Report	ing Advanced Settings				
0	Discover	_					
1.1	Visualize	Generated Reports					
©	Dashboard	Filter Reports: @ Only show my reports					
矣	Graph	Document	Added	Status	Actions		
0	Monitoring	Metrics Dashboard dashboard	2016-09-30 @ 10:02 AM elastic	processing 2016-09-30 @ 10:02 AM			
8	Timelion	Web Traffic by Location	2016-09-30 @ 10:01 AM	completed	±		
0	Management	visualization	elastic	2016-09-30 @ 10:01 AM	_		
£	Dev Tools	Traffic by Country & Device visualization	2016-09-30 @ 10:00 AM elastic	completed 2016-09-30 @ 10:01 AM	*		
		Dashboard Overview visualization	2016-09-30 @ 10:00 AM elastic	completed 2016-09-30 @ 10:01 AM	±		
		Web Analytics dashboard	2016-09-30 @ 9:59 AM elastic	completed 2016-09-30 @ 9:59 AM	£		
		Alert History dashboard	2016-09-30 @ 9:57 AM elastic	completed 2016-09-30 @ 9:57 AM	۵		
		Metrics Dashboard dashboard	2016-09-23 @ 2:39 PM elastic	completed 2016-09-23 @ 2:39 PM	۵		
		Metrics Dashboard dashboard	2016-09-20 @ 7:44 PM elastic	completed 2016-09-20 @ 7:45 PM	±		
2	elastic						
€	Logout		<< 1	> >>			
0	Collapse						





Graph

A NEW WAY TO EXPLORE DATA

- Uses relevance capabilities of Elasticsearch
- Discover linkages and connections
- Leverage API and UI-drive tool

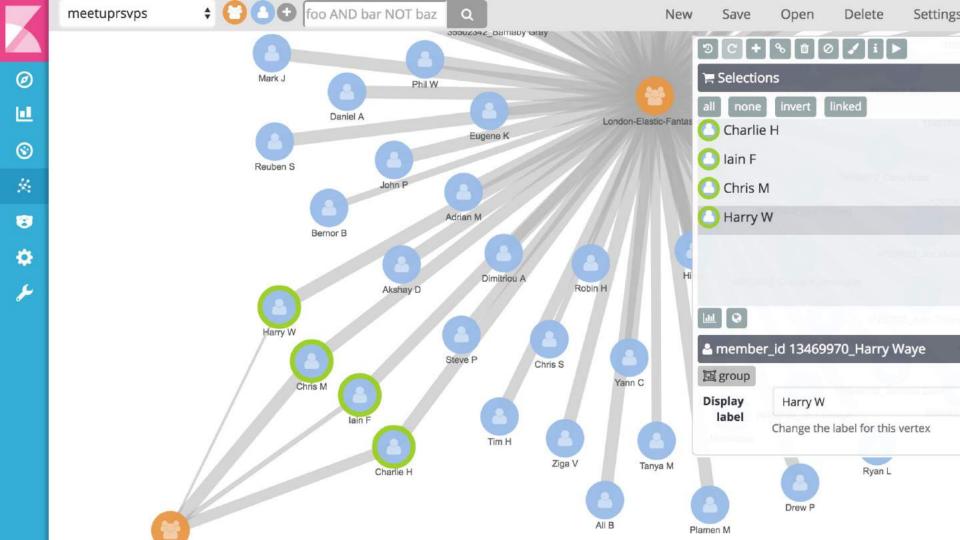
EXTEND TO NEW USE CASES

- Fraud discovery
- Recommendations
- Cyber security
- Behavioral analyses

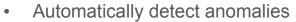












- Advanced correlation and categorization
- Identify root cause(s)
- Expose early warning signs

ENABLE NEW USE CASES

- Analyze time series data
- Expand security, IT Ops, fraud, finance, and many more use cases
- Available as beta in the 5.4 release



Machine Learning

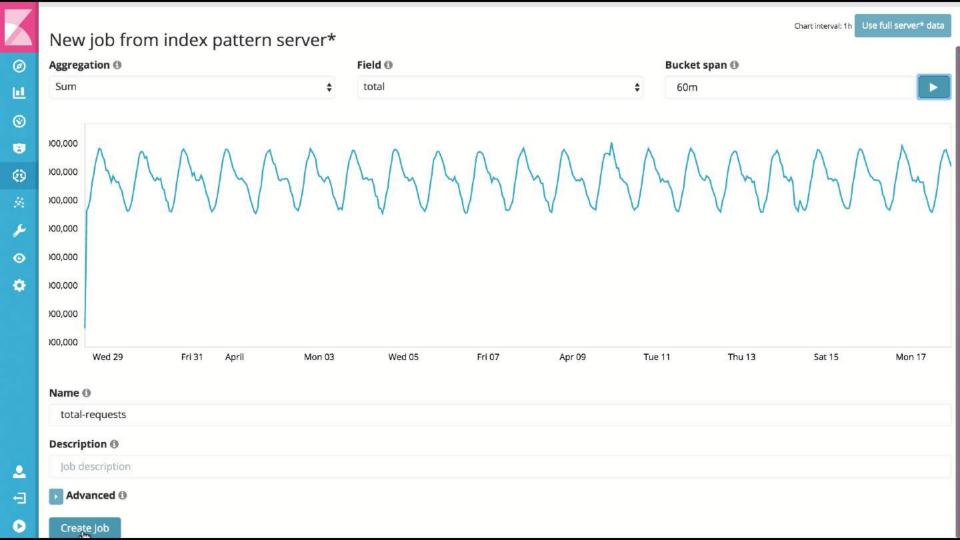


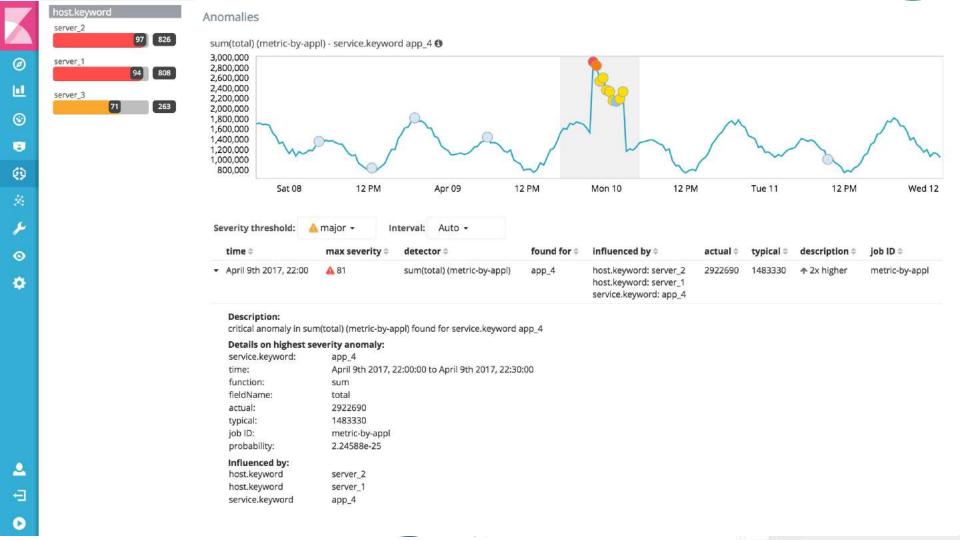












Altro su Seacom & Elastic

Per ulteriori dettagli potete visitare le sezioni di Seacom dedicate a Elastic Stack

Corsi Ufficiali

Use case

Video di presentazione





RED HAT OPEN SOURCE DAY

Europe, Middle East & Africa





