Elasticsearch Service on Elastic Cloud

The official service from the creators of Elasticsearch

Nov 23, 2020

SaaS and Managed Services

SPEED

Fast time to value

Instant global infrastructure & operations encourage experiments and get you to market.

Agility

Pivot quickly to respond to competitive pressure, opportunity, or changing customer expectations.

SIMPLICITY

Operational Simplicity

Focus on driving business value versus managing infrastructure, operations or integrating products.

Development Simplicity

A single programming model and integrated product portfolio that can address search, observability, security.

SECURITY & RISK REDUCTION

Secure from the start

All deployments automatically have the best security by default, no configuration. Elastic compliance included.

Reduce Risk

Source global infrastructure, ops and support experts from the originators of the Elasticsearch technology on any cloud.

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Elastic Technology

3 solutions

Elastic Enterprise Search · Elastic Observability · Elastic Security

Powered by the Elastic Stack

| Kibana |
| Elasticsearch |
| Beats | Logstash |

Deployed anywhere

Elastic Cloud

Elastic Cloud Enterprise · Elastic Cloud on Kubernetes

SaaS · Orchestration

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Only with Elastic Cloud

Lens & Canvas

Machine learning

Index life cycle management

Integrated stack security

Native sql engine

Spaces

Rollups

Cross cluster search

Alerting

Maps

Exclusive Features

ELASTIC ENTERPRISE SEARCH

ELASTIC OBSERVABILITY

ELASTIC SECURITY

Exclusive Solutions
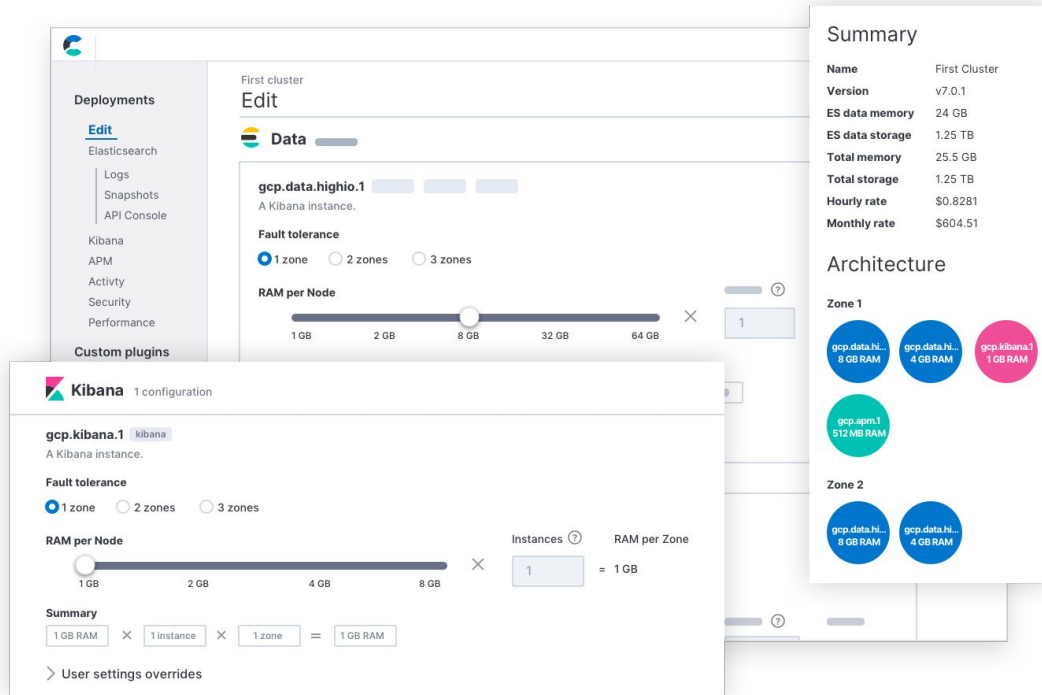
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Elasticsearch Service on Elastic Cloud
Fast, Simple, Secure Cloud for your mission critical apps

ELASTICSEARCH SERVICE

Managed Elasticsearch and Kibana

Deploy, operate, and scale our solutions, Elasticsearch, and Kibana in an instant on Azure.

Elasticsearch Service on Elastic Cloud: Benefits

For Elastic Stack and Solutions

SPEED

Fast time to value

Agility

SIMPLICITY

Operational Simplicity

Development Simplicity

SECURITY & RISK REDUCTION

Secure from the start

Reduce Risk

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Elastic Best Practices for Your Use Case

With a click

How long does it take to deploy a new cluster, hot-warm, the architecture you want?

- Predefined deployment templates use Elastic tested and recommended instance types and configurations

- Hot-warm deployment with index lifecycle management for large scale time-series use case

- Independently scale Elasticsearch node roles for improved ingest and search performance

Select a hardware profile

I/O Optimized [Recommended]
New to Elasticsearch? This template is suitable for all-purpose workloads that don't require more specialized resources.
See details

Hot-Warm Architecture
Useful for time-series analytics that benefit from automatic index curation.
See details

Compute optimized
Run CPU-intensive workloads or run smaller workloads cost-effectively when you need less memory and storage.
See details

Memory Architecture
Perform memory-intensive operations efficiently, including workloads with frequent aggregations. See details

Cross Cluster Search
Search data across one or more associated deployments. See details

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Simple Cluster Management
Ease of use

Do you have long upgrade times, big deployments, multiple use cases?

- Configure, manage and scale multiple deployments with a single console

- In-place configuration changes for faster and more reliable cluster changes

- Automatic snapshots with configurable frequency and retention

- Deploy / turn on built-in monitoring cluster with a click in Kibana

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Simple Cluster Management
REST API, High Availability, Upgrades

Do you experience downtime with upgrades, use APIs, hit cloud quotas? How often do you upgrade?

- Zero downtime upgrades with a few clicks

- CI/CD pipeline integration via Public REST API and ecctl command line

- High availability across multiple AZs

- Smooth scaling with no quota delays from your cloud provider

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Continuous Compliance

In the cloud

What customer type do you need to serve?

- HIPAA

- CSA Star Level 2

- SOC 2 Type 1, Type 2 and SOC 3

- ISO 27001, ISO 27107, ISO 27018

- FedRAMP authorized at Moderate impact level, deployable to AWS GovCloud (US)

- Elastic Cloud operates in compliance with GDPR principles

https://www.elastic.co/cloud/security

Secure by Default

Native security, fully integrated

How long do you spend configuring security, how do you ensure you are protected?

- Native Authentication: SAML & OIDC, Kerberos Auth and more

- Native Authorization: Powerful role and attribute based access control, field and document level security

- Network security: IP filtering and AWS PrivateLink integration

- Elastic Cloud is always up to date with any new Stack and solution security updates

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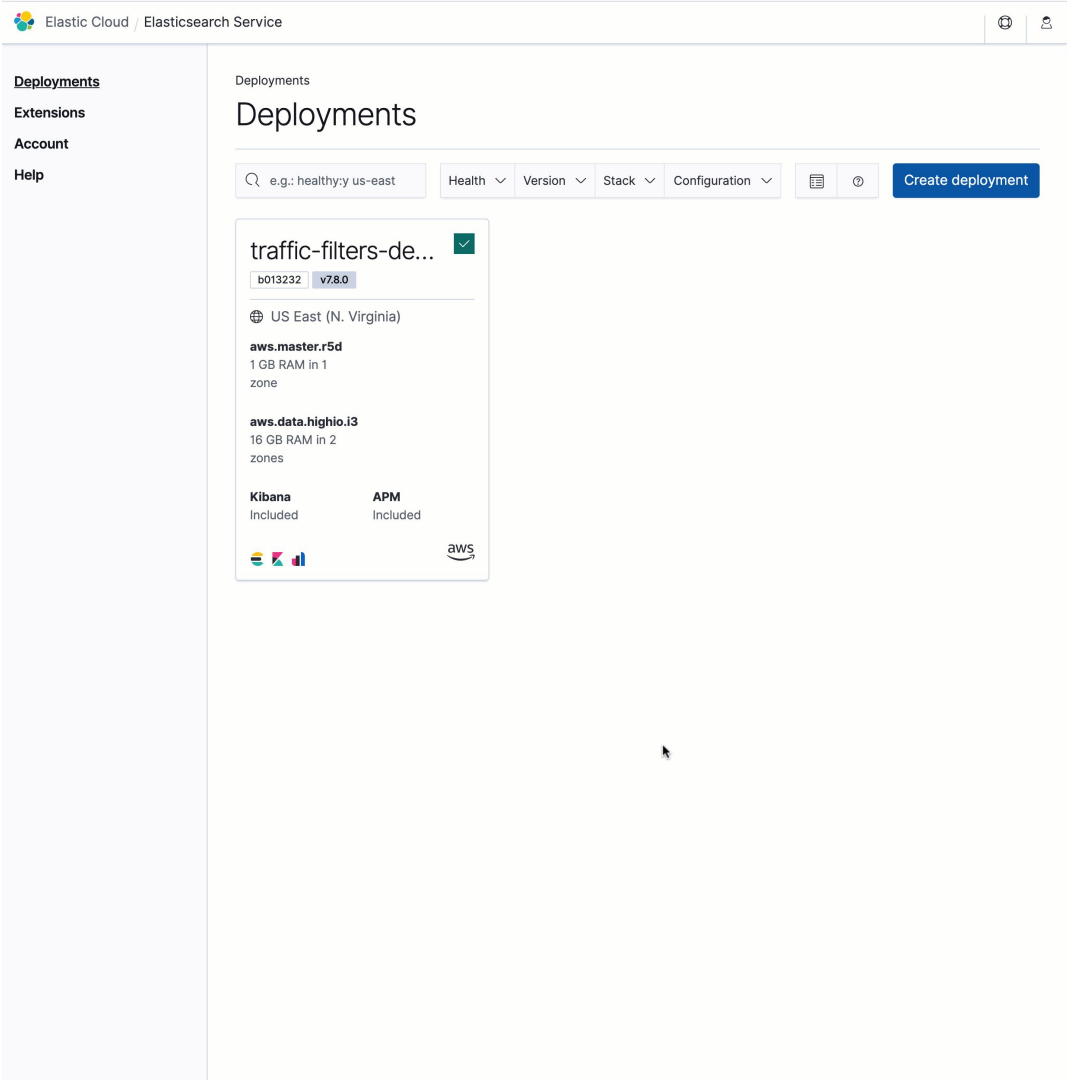
Secure by Default

Encryption, patching, hardening

How long does it take to configure encryption, perform security patches, how much downtime?

- Data and snapshot encryption at rest (EAR)

- TLS encryption of data to, from, and within your deployments

- Multi-Factor Authentication for Elastic Cloud console

- CIS Level 1 & 2 Server Profile OS hardening

- OS kernel patches in ~48 hours from CVE publication in our virtual images

Multi-factor authentication

Add an extra layer of security by setting up Google authenticator or text messaging on a mobile device.
Learn more

⊘ ✕ Add a device to enable multi-factor authentication.

📱 Authenticator app

① Scan QR code

Use the Google authenticator app to scan the QR code below

② Enter passcode

Enter the 6 digit auth.elastic.co passcode

E.g. 123456

Enable device   Cancel

💬 Text message

Use your mobile phone to receive security codes

Add a phone number

Consolidate your Cloud Bills

One bill from Azure + Elastic

Billing integration for major cloud providers

- Subscribe and pay using your Azure account

- Draw down from Azure spend commitment

- Support for monthly standard and premium tiers

Microsoft Azure

Elasticsearch Service
The official managed Elasticsearch Service

10 Azure Regions and growing

Americas
westus2 (Washington)
centralus (Iowa)
eastus2 (Virginia)

Europe
francecentral (Paris)
northeurope (Ireland)
euksouth (London)
westeurope (Netherlands)

Asia Pacific
southeastasia (Singapore)
japaneast (Tokyo)
australiaeast (New South Wales)

Elasticsearch Service

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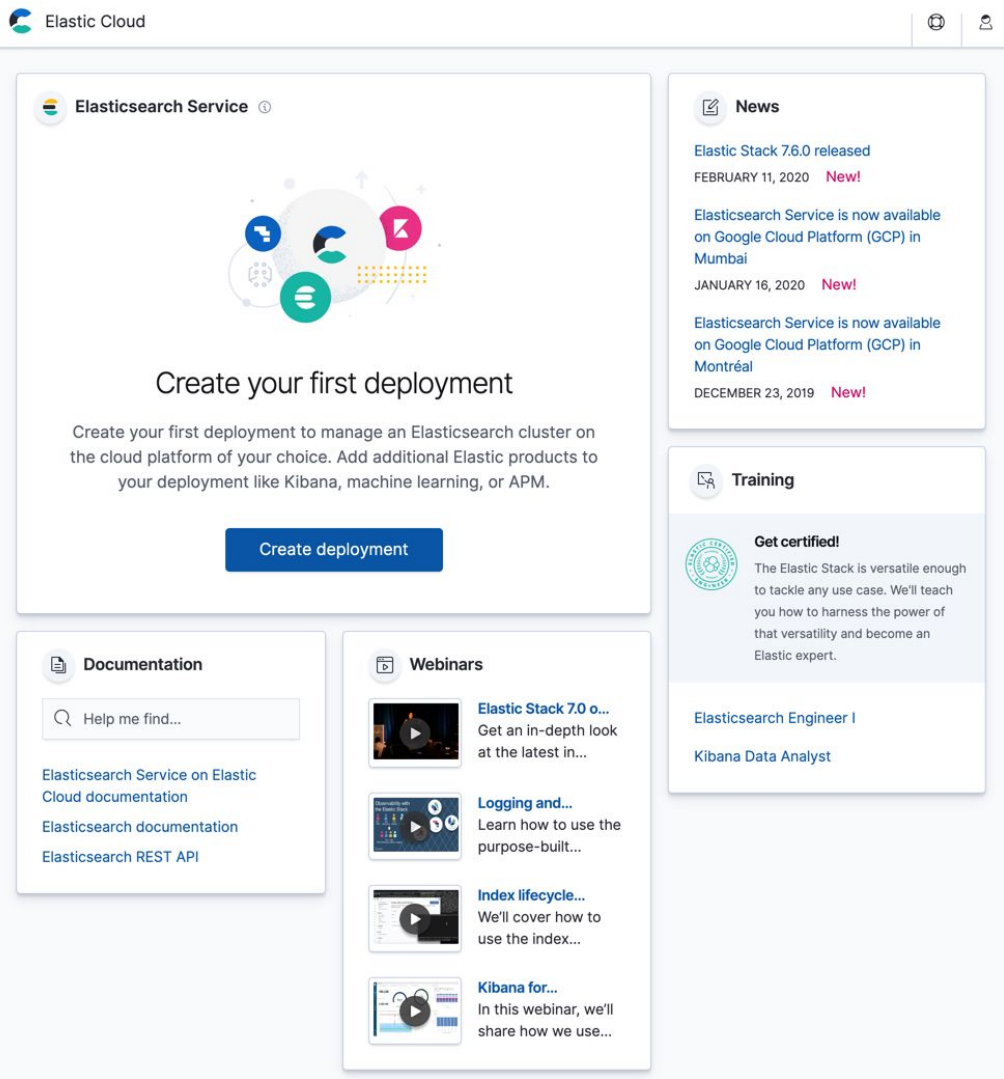
8+ years
Experience operating
Elasticsearch as a service

22,000+ Clusters, 39 Regions
Created & maintained for every
possible use case around the world

Always the latest version
New Stack/Solution releases are available on Elastic
Cloud and as downloadable software the same day

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Thank You

Elastic is a Search Company.
www.elastic.co