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.

**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.
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
Only with Elastic Cloud

Exclusive Features

- Lens & Canvas
- Machine learning
- Index life cycle management
- Integrated stack security
- Spaces
- Rollups
- Cross cluster search
- Alerting
- Native sql engine

Exclusive Solutions

- ELASTIC ENTERPRISE SEARCH
- ELASTIC OBSERVABILITY
- ELASTIC SECURITY
Elasticsearch Service on Elastic Cloud
*Fast, Simple, Secure Cloud for your mission critical apps*

**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
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.
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
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
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
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
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
Elasticsearch Service
The official managed Elasticsearch Service

10 Azure Regions and growing

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

Europe
- francemcentral (Paris)
- northeurope (Ireland)
- euksouth (London)
- westeurope (Netherlands)

Asia Pacific
- southeastasia (Singapore)
- japaneast (Tokyo)
- australieeast (New South Wales)
Elasticsearch Service

*Fast, Simple, Secure* Cloud from Elastic

**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
Thank You

Elastic is a Search Company.
www.elastic.co