

Top five benefits of Elastic on Microsoft Azure

Introduction to Elastic Cloud (Elasticsearch managed service)

Elastic Cloud is a family of managed offerings from Elastic, the makers of the Elastic Stack (Elasticsearch, Kibana, Beats, and Logstash), that brings the power of the Elastic Enterprise Search, Observability, and Security solutions to the cloud. With Elastic Cloud (Elasticsearch managed service) on Azure, you can quickly and easily search your environment for information, analyze data to obtain insights, and protect your technology investment. And it's the only managed Elasticsearch offering powered by the creators.



Elastic Enterprise Search



Elastic Observability



Elastic Security



Benefits of our managed Elasticsearch service offering on Azure

When you choose our official Elasticsearch offering, we handle the maintenance and upkeep so you can focus on gaining insights that help you run your business. You'll get the latest version and security updates — including exclusive features and access to Elastic Support. Plus, Elastic Cloud grows with you as your requirements change over time.



Deployments made easy

- Deploy globally in minutes
- Optimized compute, memory, and storage ratio based on the deployment size you select



Security by default

- OS hardening and logical separation of discrete containers
- Data is encrypted by default, whether in motion or at rest
- We preconfigure secure communications between components and manage the encryption keys



Hands-free maintenance

- Save time while we apply operating system updates and security patches in the background
- Save money you would have spent on maintenance and focus on initiatives that drive greater business value



We wear the pager

- We architect for service redundancy and resiliency to help prevent against unplanned downtime
- Rest easy knowing we are periodically backing up your data



Future-proof

- Take advantage of the latest features and always be on the current version
- Benefit from the latest hardware innovations
- Easily upgrade to a Gold or Platinum subscription for access to additional features

How it works

At a high level, Elastic is responsible for the security and operation of Elastic Cloud deployments on Azure, including the underlying infrastructure and the Elastic software that runs on top of it. You make decisions about your specific configuration, ensuring your deployment size meets your business needs.

What we do

Infrastructure

- Building out infrastructure in Amazon Web Services, Microsoft Azure, and Google Cloud regions and availability zones
- Optimizing cloud storage and locally attached disk ratios for your deployment
- Managing availability, so you won't see insufficient capacity or stock out errors when you create a deployment
- Ensuring the underlying infrastructure receives operating system updates and security patches

Platform and network security

- Encrypting your cluster data and snapshots and managing your keys
- Encrypting communications between nodes and components such as Elasticsearch, Kibana, and Elastic APM

Orchestration of the Elastic Stack

- Ensuring connectivity between components
- Automatically applying your configuration changes and plugins
- Applying your specified capacity parameters
- Taking periodic snapshots (you set the cadence, we do the work)





What you do

Operations

- Giving careful consideration to the sizing requirements of your deployment
- Deciding when and how you want to restore snapshots
- Ensuring the health of your configurations, plugins, indexes, and shards

Security

- Securing communications between Elastic Cloud and other systems, such as applications, databases, and other cloud services
- Implementing configurations that adhere to security best practices
- Applying user- and account-based access rights

Data

- Managing the data you use in conjunction with the service

Get the official managed Elasticsearch offering from creators of the ELK Stack

With Elastic Cloud, you get the complete managed Elasticsearch experience with exclusive features, simplified operations, and the peace of mind of a service that's monitored around the clock.

Ready to get started? Visit our listing on the [Azure Marketplace](#).