

The Benefits of a Managed Elasticsearch Offering

Introduction to Elastic Cloud

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, you can quickly and easily search your environment for information, analyze data to obtain insights, and protect your technology investment. Elastic Cloud lets you deploy your way, whether as a managed service or with orchestration tools you manage in the cloud.

Benefits of a managed service

When you choose our managed 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. Let's take a look at some of the features and benefits of Elastic Cloud.



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

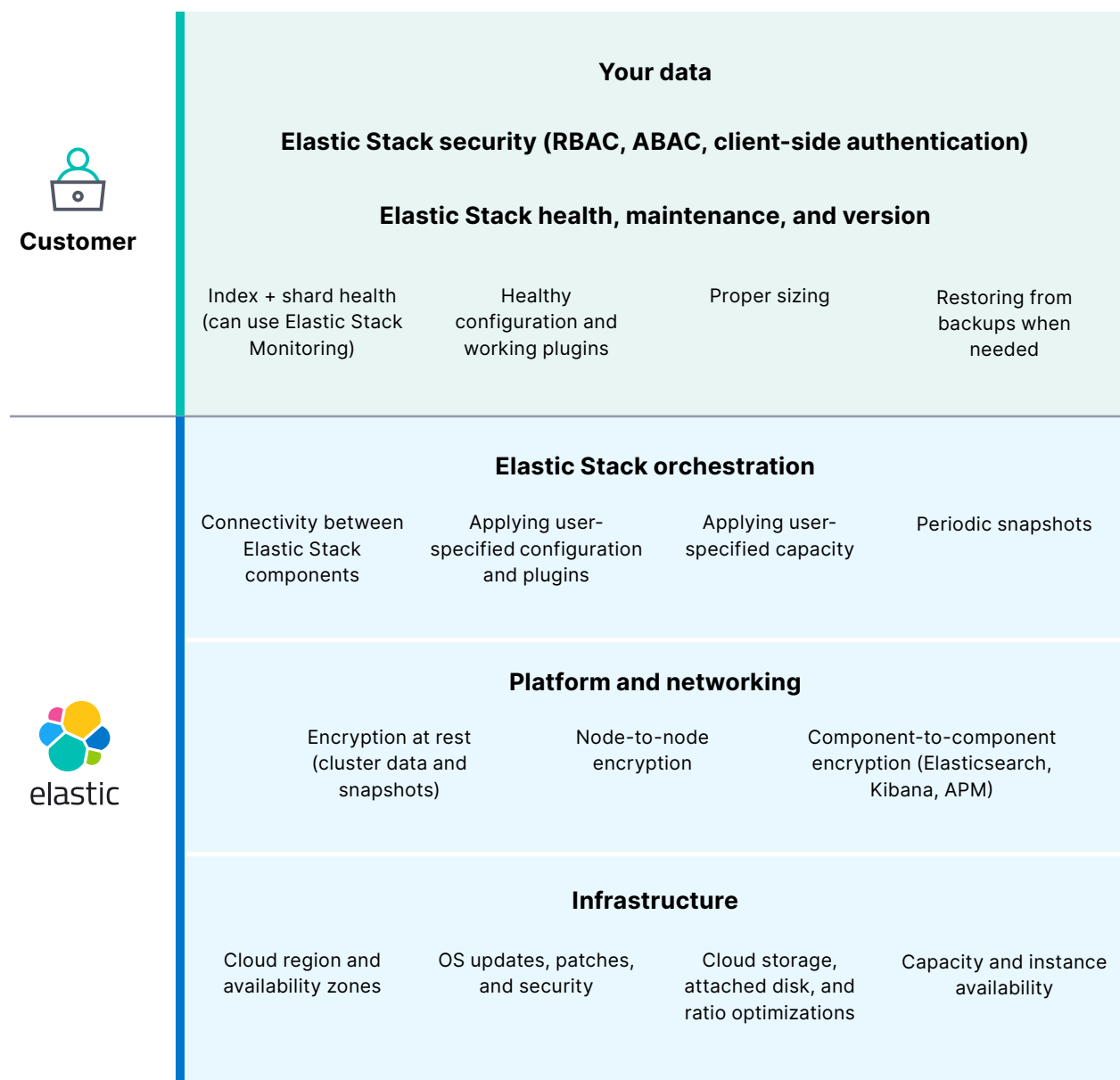


Future-proof

- 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

Our shared responsibility

We think of a managed service as a shared responsibility. At a high level, Elastic is responsible for the security and operation of Elastic Cloud, 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, account and user management, operations such as restoring snapshots, and your data. Let's take a closer look at what this means.



Our responsibilities

Infrastructure

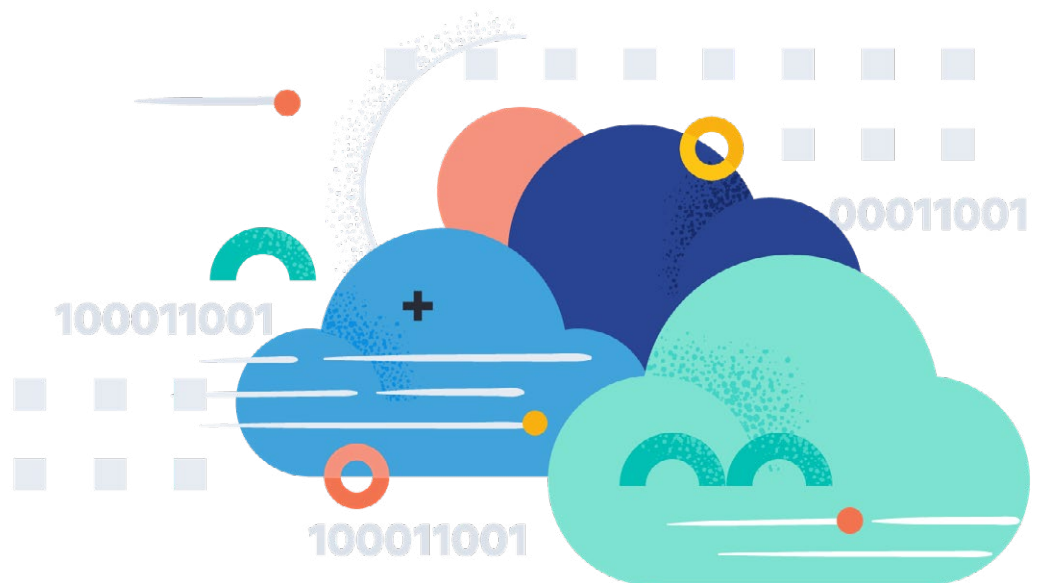
- Building out infrastructure in Amazon Web Services, Microsoft Azure, and Google Cloud regions and availability zones
- Optimizing cloud storage and locally attached disk ratios for your deployment
- Managing availability, so you won't see insufficient capacity or stock out errors when you create a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



Your responsibilities

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 Elasticsearch offering from the creators

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 elastic.co to sign up for a free 14-day trial.

If you are already a customer and you are considering moving to the managed service, you can visit the migration section of our documentation to learn more.