 ELK integrates natively with Kubernetes and is a popular open-source solution for collecting, storing and analyzing Kubernetes telemetry data. However, ELK and Kubernetes are increasingly being used in another context—a method for deploying and managing the former.

# Elastic stack (ELK) on Docker

Based on the official Docker images from Elastic:

[Elasticsearch](https://github.com/elastic/elasticsearch/tree/master/distribution/docker)

[Logstash](https://github.com/elastic/logstash/tree/master/docker)

[Kibana](https://github.com/elastic/kibana/tree/master/src/dev/build/tasks/os_packages/docker_generator)

Other available stack variants:

[tls](https://github.com/deviantony/docker-elk/tree/tls): TLS encryption enabled in Elasticsearch

[searchguard](https://github.com/deviantony/docker-elk/tree/searchguard): Search Guard support

Philosophy

We aim at providing the simplest possible entry into the Elastic stack for anybody who feels like experimenting with this powerful combo of technologies. This project's default configuration is purposely minimal and unopinionated. It does not rely on any external dependency, and uses as little custom automation as necessary to get things up and running.