

Docker

[Docker](#) is an open-source project that automates the deployment of different applications inside software containers. Docker containers wrap up a piece of software in a complete filesystem that contains everything it needs to run like: code, system tools, libraries, etc. This process guarantees that the system will always run the same, regardless the environment it is running.

We have created our own fork based on “[deviantony](#)” [dockerfiles](#) and “[xetus-oss](#)” [dockerfiles](#). Thank you, Anthony Lapenna, for your contribution to the community. If you want to contribute to the Wazuh fork, please go to the [Wazuh docker repository](#)

The images we created are in the [Docker hub](#). You can install Wazuh with a single-host architecture using a set of Docker images that contains [Wazuh Manager](#), [Wazuh API](#), [Filebeat](#), [Logstash](#), [Elasticsearch](#), [Kibana](#)

This section will show you the process:

- [Docker installation](#)
 - [Docker engine](#)
 - [Docker compose](#)
- [Wazuh container](#)
 - [Requirements](#)
 - [Usage](#)
- [FAQ](#)
 - [How can I tune the Kibana configuration?](#)
 - [How can I tune the Logstash configuration?](#)
 - [How can I specify the amount of memory used by Logstash?](#)
 - [How can I tune the Elasticsearch configuration?](#)
 - [How can I store Wazuh data?](#)
 - [How can I store Elasticsearch data?](#)

