

METRICS FUNDAMENTALS

Metrics are critical for building a holistic understanding of your servers and systems. This course walks you through the fundamental skills for building high-capacity metric systems. You will learn about common metrics problems and their solutions. You'll get an introduction to shipping data to Elasticsearch with Metricbeat before taking a look at the Elasticsearch Service. After completing this course, you will have an understanding of how beneficial and easy it is to work with metric data when gathering information about your different systems.

LESSONS

Lessons 1-3 include a hands-on lab.

Introduction to Metrics and Metricbeat

Learn what metrics are, how they're different from logs, and why they need to be measured. Discover what Metricbeat is and how it can be used to monitor your system.

Getting Started with Metricbeat

Learn how to set up Metricbeat for host monitoring. Explore the Metricbeat system module and see how easy it is to send data to Elasticsearch.

Kibana Visualizations

Use Kibana dashboards to visualize your metric data to get a holistic view of your system.

Learn More

Review what you have learned in the previous lessons and explore the next steps you should take to mastering metrics.

COURSE INFORMATION



Audience

Software Developers
Software Engineers
Data Architects
System Administrators
DevOps



Duration

2-3 hours



Language

English



Prerequisites

We recommend taking the following foundational courses (or having equivalent knowledge):

- [Elasticsearch Engineer I](#)
- [Elasticsearch Engineer II](#)



Requirements

- Stable internet connection
- Mac, Linux, or Windows
- Latest version of Chrome or Firefox (other browsers not supported)
- Disable any ad blockers and restart your browser before class