

LOGGING FUNDAMENTALS

Logs and metrics are critical for building a holistic understanding of modern systems and gaining insight into the organizational data they hold. This course walks you through the fundamental skills for building high-capacity logging systems. You will learn about common logging problems and their solutions. You'll also get an introduction to shipping data to Elasticsearch with Beats and ingest node before taking a look at the Elasticsearch Service on Elastic Cloud. After completing this course, you will have a firm understanding of how beneficial log data is, not just for system admins and DevOps, but for your company as a whole.

LESSONS

Lessons 1-3 include a hands-on lab.

What are Logs?

Explore some of the common questions we ask of our data and see how logs can help answer those questions. Learn about event data, timestamps, and the log lifecycles.

Getting Started with Filebeat and Logs

Learn how to set up Filebeat for log monitoring. Explore the Filebeat Nginx module and see how easy it is to send data to Elasticsearch.

Kibana Visualizations

Use Kibana dashboards to visualize the collected logging data to get a better view of your system.

Learn More

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

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