MONITORING KUBERNETES AND DOCKER CONTAINER METRICS

With their ease of deployment and management, containers have become a major part of IT infrastructure. Being able to monitor containers and their orchestrators has never been more important. In this class, you’ll learn how to use Metricbeat and the Elastic Stack to monitor different Kubernetes and Docker container metrics. You’ll also learn how to use autodiscover to make sure you never miss a deployment. After completing this class, you’ll be able to easily monitor the health of your container environment.

LESSONS

All lessons include a hands-on lab.

Containers and Metricbeat
In this introduction to containers, you’ll learn about Docker, Kubernetes, and Metricbeat.

Docker
Deploy and configure Metricbeat for Docker containers.

Kubernetes
Deploy and configure Metricbeat for Kubernetes.

Advanced Topics
Learn how to use the autodiscover feature of Metricbeat, as well as how to add metadata to events.

COURSE INFORMATION

Audience
Software Developers, Software Engineers, Data Architects, System Admins, 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
  - Metrics Fundamentals
  - Shipping Metrics Data
• Fundamental knowledge of how containers work, as some basic Docker commands will be used during the labs

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