

Elastic Search 7



Key Features

- Gain access to new features and updates introduced in Elastic Stack 7
- Grasp the fundamentals of Elastic Stack including Elasticsearch, Logstash, and Kibana

What You Will Learn

- Install and configure an Elasticsearch architecture
- Solve the full-text search problem with Elasticsearch
- Discover powerful analytics capabilities through aggregations using Elasticsearch
- Build a data pipeline to transfer data from a variety of sources into Elasticsearch for analysis
- Create interactive dashboards for effective storytelling with your data using Kibana
- Learn how to secure, monitor and use Elastic Stack's alerting and reporting capabilities

Labs

Labs for the course:

1. Running Elastic Search
2. Getting Started with Elasticsearch
3. Searching - What is Relevant
4. Analytics with Elasticsearch
5. Analyzing Log Data
6. Building Data Pipelines with Logstash
7. Visualizing Data with Kibana
8. Elastic X-Pack
9. Building a Sensor Data Analytics Application
10. Monitoring Server Infrastructure

About

The Elastic Stack is a powerful combination of tools for techniques such as distributed search, analytics, logging, and visualization of data. Elastic Stack 7 encompasses new features and capabilities that will enable you to find unique insights into analytics using these techniques. This course will give you a understanding of what the stack is all about, and help you use it efficiently to build powerful real-time data processing applications.

By the end of this course, you'll be well versed with the Elastic Stack functionalities and the role of each component in the stack to solve different data processing problems.