elastic

ELASTIC STACK: LOGGING

4 HOURS

JS
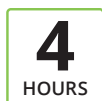
1.7U55 +

Overview

Is it time to level up your logging? With the **Elastic Stack: Logging** on-demand course you will experience nearly 3.5 hours of detailed, professional video content as online training developed by our engineers covering Elasticsearch, Logstash, Kibana, and Beats! This course has over 60 unique modules split into 6 sections and includes numerous challenging quizzes and hands-on labs which will leave you with a fully functional **Elastic Stack** solution. Learn how to collect system metric data using Topbeat and how to extract and ship log data using Filebeat to Logstash for transformation and loading into Elasticsearch. You will then learn how to visualize and explore this data using Elasticsearch aggregations and searches in Kibana quickly and correctly.

Audience

Anyone who is new to the Elastic Stack to collect, ship, transform, store, and visualize log and event data.

Duration

With 3 hours, 25 minutes of instructional video, 5 labs and over 40 quizzes, a typical student will take between 6-8 hours to complete the course.

Language

· English

Pre-requisites

· No prior knowledge of the Elastic Stack is required. This course is designed for individuals new to the Elastic Stack

· Comfort using the terminal or command line is recommended

Requirements

· Participants must use their own desktop or laptop system

· Internet connection capable of streaming video

· Mac, Linux OS, or Windows 7 or later

· Java version 1.8u20 or later installed

· A modern web browser

· At least 20% free disk space

elastic

4
HOURS

JS

1.7U55 +

>_

Modules

Logs & Elasticsearch
- More Than Logs
- Elastic Stack Components
- Elastic Stack Versioning & Compatibility
- Elasticsearch: Nodes & Clusters
- Elasticsearch: Indexes & Shards
- Elasticsearch: Time Series Indexes
- Elasticsearch: Aggregations
- Elasticsearch: Configuration & Starting
- Kibana: Configuration & Starting
- Lab

Beats
- Beats Ecosystem
- Topbeat: Overview
- Topbeat: Architecture
- Topbeat: Configuring & Starting
- Topbeat: Testing
- Lab

Kibana
- Kibana: Essentials
- Kibana: UI Tour
- Topbeat: Kibana Dashboards
- Kibana: Visualizations
- Kibana: Dashboards
- Loading Dashboards
- Kibana: Searches
- Lab

elastic

4
HOURS

JS

1.7U55 +

Logstash & Filebeat
- Architecture Review
- Logging & Logging Flow
- Logstash: Essentials
- Logstash: Configurations
- Logstash: Inputs
- Logstash: Filters
- Logstash: Outputs
- Logstash: GROK Filter
- Logstash: Elasticsearch Output Configuration
- Configuring & Running Logstash
- Filebeat: Shipping Logs
- Logstash Filebeat Input Configuration
- Elasticsearch: Indexing Logstash Data
- Lab

Kibana Custom Visualizations
- Architecture Review
- Kibana: Settings
- Kibana: Building Custom Visualizations
- Visualizing Elasticsearch Terms & Date Histogram Aggregations
- Kibana: Custom Dashboards
- Lab

Advanced Architectures, Tools & X-Pack
- Architecture Review
- Shippers/Indexers Architecture
- Ingest Nodes
- X-Pack
- Installing X-Pack
- Creating A Secure Elastic Stack
- Notes: Curator & More Beats

elastic