

RX-M - Elasticsearch

Code:	CN1-Elastic
Length:	2 days
URL:	View Online

This intensive two day hands-on course is designed to help working technology professionals master the essential aspect sand operations of Elasticsearch. The course covers all of the key concepts and administrative tasks necessary to deploy and use a production Elasticsearch system. Attendees will learn how to search, aggregate and analyze large volumes of real-time data using Elasticsearch's highly available schema-less platform. The distributed horizontally scaled architecture of Elasticsearch is covered along with best practice deployment and operations patterns. Students will gain familiarity with the Elasticsearch query DSL and various APIs including Document, Search and Indices. Attendees will leave with a clear understanding of Elasticsearch and how to use it to extract high value data insights over large scale streaming datasets in real time.

Skills Gained

- This course is designed to give attendees a comprehensive introduction to the Elasticsearch distributed, open source search and analytics engine. Upon completion attendees will be prepared to begin analyzing sophisticated large scaledata sets with Elasticsearch.

Who Can Benefit

- IT and QA Staff, Technical Managers, Developers, DevOps and Build personnel

Prerequisites

- Each attendee will require the ability to run a 64 bit virtual machine (provided with the course). Basic Linux command line skills are valuable but not required.

Course Details

Elasticsearch

- Day 1
 1. Elasticsearch Overview
 2. Elasticsearch Architecture and Clustering
 3. Elasticsearch Queries
 4. Analyzers

- Day 2

1. Mappings and Indexes
 2. The Elasticsearch DSL
 3. Suggestions and Suggestors
 4. Aggregations and Document Modeling
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