Mastering Microservices with Spring Boot and Spring Cloud Services
(4 Days)

This Mastering Microservices with Spring Boot and Spring Cloud Training class introduces Spring Boot, Spring Cloud, and the Netflix OSS suite as a way of deploying highly resilient and scalable RESTful services and web applications.

Class Prerequisites

Experience in the following *is required* for this Microservices class:
- Experience with Java development.

Course Outline
- Introduction to the Spring Framework
- Spring Annotation Configuration
- Spring Framework Configuration
- Introduction to Spring Boot
- Spring MVC
- Overview of Spring Boot Database Integration
- Using Spring with JPA or Hibernate
- Introduction to MongoDB
- Working with Data in MongoDB
- Spring Data with MongoDB
- Spring REST Services
- Spring Security
- Spring JMS
- Microservices
- Spring Cloud Config
- Service Discovery with Netflix Eureka
- Load-Balancing with Netflix Ribbon
- Application Hardening with Netflix Hystrix
- Edge Components with Netflix Zuul
- Distributed Tracing with Zipkin