

- Microservices, pros and cons
- What are the main advantages of using spring boot
- How do you load changes to a spring boot app without restarting your server
 - Spring boot dev tools(a dependency), when you save new changes it auto refreshes
- What is a spring boot actuator

Spring boot sub-project; Actuators enable production-ready features to a Spring Boot application – **without having to actually implement these things yourself.**

From <<http://www.baeldung.com/spring-boot-actuators>>

- How do you run your spring boot app on a custom port
- What is the main advantage of using microservices
- Which service registry did you use
- How do you enable eureka - know annotations and what goes into application.yml/properties file
- What are the Zuul components
- Zuul filters
- What's a config server
- How do you start your spring boot application with Zuul
- Describe docker - replicates your production environment
- Can you explain the workflow for docker
 - Dockerfile to create an image
 - Use image to create container
 - Can save images on dockerhub
 - Resources:
 - <https://www.oreilly.com/learning/docker-in-production>
 - <https://success.docker.com/article/dev-pipeline>
- Hystrix
 - <https://github.com/Netflix/Hystrix/wiki/How-it-Works>
- Load Balancing
- Ribbon
 - <http://javaonfly.blogspot.com/2017/08/microservices-tutorial-ribbon-as-load.html>
 - <https://dzone.com/articles/microservices-tutorial-ribbon-as-a-load-balancer-1>
- What is SOA - A service-oriented architecture is essentially a collection of services. These services communicate with each other. The communication can involve either simple data passing or it could involve two or more services coordinating some activity.
- REST
- What does it mean for something to be stateless
- Idempotent http methods
- Safe http methods
- How can i expose a restful web service

- How can i consume a restful web service
- SOAP
- WSDL? Important tags?
- Contract first / contract last
- Apache CXF
- JAX-WS
- JAX-RS
- How can i expose a soap service
- How can i consume a soap service
- What is a soap message? Important tags?
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