

# Spring - Training Review

Feb 22

Cookie

HTTPS

URL

**Tomcat Server**

Servlet

Spring

- IOC/DI
  - Inversion of Control
- Spring Beans

Feb 23

Beans

Annotations

AOP

the code that automatically run we call it aspect

- as long as the code execution meeting particular criteria, then this aspect will be triggered. That aspect could be a security check.

Datasource

Spring Boot

Feb 24

Spring at the beginning, only support IOC and AOP

Spring MVC

Servlet vs. Spring

Web Application

Data Format

CRUD operations

URL vs. URI

Feb 25

Project

Feb 28

XmlRootElement

Log

Documentation

- Swagger

**hybrid version**

**front-end back-end separate architecture**

our internal api: producer

- RestTemplate
- Declarative

Mar 2

System

SOA

EIP

**ESB**

MicroServices vs. SOA

MicroServices

Spring Cloud

## Project

- *Service discovery*
  - *Eureka*
  - *Ribbon*
- *configure server*

Mar 3

Monolithic

Segregation of the network

Cloud Components

Sleuth

Zipkin

Mar 4

authentication and authorization

Mar 7

Kafka

message Q

Mar 8

class cancel

Mar 9

Charlie

Mar10

team work flow

Mar 11

AWS

Mar 14

Messaging system does not important than Spring, in the interview.

Messaging System

kafka

whether use M.S or just RESTful api is only considered if it's suitable

AWS

- SQS

- Lambda

- Route 53

- Security Group

- CDN

## API Gateway

Mar 15

### Testing

- Unit test
- integration test
- JUnit
- Mockito
- Process
- life circle

Mar 16

CI/CD pipeline