



Pivotal®

# Spring Cloud Developer Course

## Agenda

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Spring Cloud

# Agenda

- Pivotal Introductions
- Student Introductions
- Logistics
- Course Agenda



A person with glasses and a dark t-shirt is speaking to a group of people. The background is dark and out of focus, showing the silhouettes of other people. The text is overlaid on the image.

first...

# Welcome to Spring Cloud Course!



PIVOTAL EDUCATION

# Pivotal Introductions



PIVOTAL EDUCATION

# Student Introductions

PIVOTAL EDUCATION



# Logistics



## Logistics

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**Class Schedule**  
Room Logistics

## Class Schedule

- Class starts
- Morning break
- Lunch
- Afternoon break
- End of day

## Logistics

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Class Schedule

**Room Logistics**

## Room Logistics

- Building hours
- Restrooms
- Emergency exits
- Fire alarms



# Prerequisites

- At least 6 months:
  - Java development experience
  - Spring, Spring Boot
- Or completion of:
  - Preferred Core Spring Course
  - Minimum of Spring Boot
- Familiarity with Spring Boot Actuator

# Course Agenda

## Spring Cloud Developer

- Introduction to Spring Cloud
- Service Discovery and Client Load Balancing
- External Configuration
- Distributed Trace
- Fault Tolerance

### LENGTH

3 days

9:00 am - 5:00 pm

### INSTRUCTOR LED

### FORMAT

Class Style

40% instruction 60% hands-on

### PROGRAM LOCATION

Flexible

Select Pivotal Locations Globally

Customer onsite

# What's up with Spring Cloud Netflix?

- Netflix OSS components such as Hystrix and Ribbon are in maintenance mode, no more active development.
- As of Greenwich release, Netflix OSS is still a predominant component in Spring Cloud - this course still teaches it
- Spring Cloud project team is actively working on support for alternate solutions, such as Resilience4J, Spring Retry, etc
- See:
  - <https://github.com/spring-cloud/spring-cloud-circuitbreaker>
  - <https://www.youtube.com/watch?v=CcL8wrguhhM>

# Feedback

- At the bottom of every course web page there is a Feedback link.
- Please tell us:
  - Lab instruction or codebase solution bugs you may encounter.
  - Suggestions to make the labs better
  - Suggestions to make the narrative better
  - Suggestions for additional subject matter
  - Pacing
  - ... Any other feedback you feel relevant!

The background of the slide is a teal-colored overlay of a photograph of the Golden Gate Bridge. The bridge's iconic towers and suspension cables are visible, stretching across the frame from the bottom left towards the top right.

# Pivotal®



Transforming How The World Builds Software