AGENDA (Day 1 - Monday)

# Pivotal Cloud Platform and Applications Training

## December 13, 2015

## 10:00 AM – 5:30 PM

|  |  |  |
| --- | --- | --- |
| 10:00 AM – 10:30 PM | **Course Introduction**  *Lab preparation* |  |
| 10:30 AM – 11:00 AM | Introduction | Lecture |
| 11:00 AM – 12:30 PM | Pivotal Cloud Foundry Architecture | Lecture |
| 12:30 PM – 1:30 PM | Lunch |  |
| 1:30 PM – 2:30 PM | Pivotal Ops Manager and Bosh | Lecture |
| 2:30 PM – 3:30 PM | Pivotal Cloud Foundry Deployments | Lecture |
| 3:30 PM – 3:45 PM | Break |  |
| 3:45 AM – 4:45 PM | Security in Pivotal Cloud Foundry | Lecture |
| 4:45 PM – 5:30 PM | Deploying a Simple Application | Lecture + Lab |

AGENDA (Day 2 - Tuesday)

# Pivotal Cloud Platform and Applications Training

## December 14, 2015

## 9:30 AM – 5:30 PM

|  |  |  |
| --- | --- | --- |
| 9:30 AM – 10:30 AM | Deployment Manifest Intro | Lecture + Lab |
| 10:30 AM – 11:30 AM | Domains and Routes | Lecture + Lab |
| 11:30 AM – 12:30 PM | Orgs, Spaces, Users, Roles | Lecture + Lab |
| 12:30 PM – 1:30 PM | Lunch |  |
| 1:30 PM – 2:30 PM | Services Intro | Lecture + Lab |
| 2:30 PM – 3:30 PM | Service Brokers | Lecture + Lab |
| 3:30 PM – 3:45 PM | Break |  |
| 3:45 PM – 4:30 PM | Buildpacks Intro | Lecture |
| 4:30 PM – 5:30 PM | Customizing Buildpacks | Lecture + Demo |

AGENDA (DAY 3 - Wednesday)

# Pivotal Cloud Platform and Applications Training

## December 15, 2015

## 10:30 AM – 4:00 PM

|  |  |  |
| --- | --- | --- |
| 10:30 AM – 11:00 AM | Cloud Controller API | Lecture + Lab |
| 11:00 AM – 11:45 AM | Logging and Monitoring | Lecture + Lab |
| 11:45 AM – 12:30 PM | Continuous Delivery | Lecture + Lab |
| 12:30 PM – 1:30 PM | Lunch |  |
| 1:30 PM – 2:15 PM | Why Build Cloud Native Applications? | Lecture |
| 2:15 PM – 3:00 PM | Cloud Native Changes | Lecture |
| 3:00 PM – 4:00 PM | Microservices | Lecture |

AGENDA (DAY 4 - Thursday)

# Pivotal Cloud Platform and Applications Training

## December 16, 2015

## 9:30 AM – 6:00 PM

|  |  |  |
| --- | --- | --- |
| 9:30 AM – 10:15 AM | Spring Boot Basics | Lesson + Lab |
| 10:15 AM – 11:00 AM | Spring Boot Going Further | Lesson + Lab |
| 11:00 AM – 11:45 AM | Spring Boot Actuator | Lesson + Lab |
| 11:45 AM – 12:30 PM | Spring Boot with Spring Data Rest | Lesson + Lab |
| 12:30 PM – 1:30 PM | Lunch |  |
| 1:30 PM – 2:30 PM | Spring Cloud Config | Lesson + Lab |
| 2:30 PM – 3:30 PM | Spring Cloud Netflix - Service Discovery | Lesson + Lab |
| 3:30 PM – 3:45 PM | Break |  |
| 3:45 PM – 4:45 PM | Spring Cloud Netflix - Client Side Load Balancing | Lesson + Lab |
| 4:45 PM – 5:30 PM | Spring Cloud Netflix - Circuit Breaking | Lesson + Lab |
| 5:30 PM – 6:00 PM | Review and Wrap-up |  |