

Pivotal Training

As an authorized Pivotal training partner, Fast Lane offers you the original training of Pivotal. We are happy to adapt the Pivotal training to your specific circumstances, goals and requirements. We will carry out your customized training for you either in one of our training centers or on your premises.



Cloud Foundry Developer Training (CFD)

ID CFD Duration 3 days

Course content

- Introduction to Pivotal Cloud Foundry
- Logging, Scale and HA Services
- Manifests
- Application Security Groups
- Log Draining
- Blue-Green Deployments
- Microservices
- Application Autoscaler
- Application Performance Monitor
- Metrics
- Buildpacks
- Service Brokers
- Continuous Delivery
- Route Service

Cloud Foundry Administrator Training (CFA)

ID CFA Duration 5 days

Course content

- Application Delivery on the Platform: Introduction to Pivotal Cloud Foundry; Logging, Scale and HA; Services; Blue-Green Deployments
- „Day 1 Operations“: Installing Ops Manager; Installing Products with Ops Manager; Orgs, Spaces, and Roles; Quotas; System Log Draining; Deploying an Application; Application Security Groups
- „Day 2 Operations“: Buildpacks; BOSH Troubleshooting; Deploying BOSH; Deploying with BOSH; Creating a BOSH
- Release; Backing up a PCF installation; Restoring a PCF installation; Deployment Models; Upgrading Ops Manager; Upgrading Products

Core Spring (CORE)

ID CORE Duration 4 days

Course content

- Introduction to Spring
- Spring Java Configuration: A deeper Look
- Annotation-based Dependency Injection
- XML Dependency Injection
- The Bean Lifecycle: How does Spring work internally?
- Testing a Spring-based Application
- Aspect-oriented Programming
- Data Access and JDBC with Spring
- Database Transactions with Spring
- JPA with Spring and Spring Data
- Spring in a Web Application
- Spring Security
- Spring Boot
- REST with Spring MVC
- Microservices with Spring Cloud



Spring Web (SWEB)

ID SWEB Duration 4 days

Kursinhalt

- Web Primer (optional)
- Spring Overview (optional)
- Getting Started with Spring Web MVC
- More on Controllers
- Spring Boot
- Configuration without Spring Boot (optional)
- Mapping and Configuration
- Message Sources and Internationalization
- Brief Introduction to Layouts
- Using Views in Spring MVC
- Filters and Resource Management
- Form Handling with Spring MVC
- Implementing REST
- Exception Handling
- Building Client Applications with Ajax (optional)
- Spring Session
- Web Application Security with Spring Security
- Debugging and Testing Web Applications
- Spring Websockets
- Spring Web Flux
- Layouts in Spring MVC (optional)
- Spring MVC Internals
- (optional)
- Site Personalization with Spring MVC (optional)

Enterprise Spring (EIS)

ID EIS Duration 4 days

Kursinhalt

- Styles of Enterprise Integration
- Tasks and Scheduling
- REST Web Services
- Introduction to Messaging
- Spring JMS
- JMS Transactions
- Global Transactions Using XA, JTA and Spring
- Introduction to Spring Integration
- Spring Integration Configuration
- Spring Integration Advanced Features
- Introducing Spring Batch
- Spring Batch Restart & Recovery
- Spring Batch Advanced
- Data Ingestion

Spring Boot Developer (SBD)

ID SBD Duration 2 days

Kursinhalt

- Introduction to Spring Boot
- Spring Boot Principles
- Configuration, Auto-Configuration and Profiles
- Spring Boot Web Development
- and REST Services
- Data Access (per Client Request)
- Security
- Messaging with RabbitMQ
- Actuator/Metrics

Spring Cloud Services (SCS)

ID SCS Duration 2 days

Kursinhalt

- Why build Cloud Native Apps?
- Cloud Native Changes
- Spring Boot and Pivotal Cloud Foundry Primer
- Microservices
- Spring Cloud