Pivotal Cloud Foundry - Developer Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Pivotal Cloud Foundry (PCF) - Developer Training by Multisoft Systems is a comprehensive program designed to equip developers with the essential skills to build, deploy, and manage cloud-native applications using the PCF platform. This training offers a hands-on learning experience focused on real-world scenarios, helping participants gain in-depth knowledge of the Cloud Foundry architecture, buildpacks, service bindings, routing, and scaling of applications.

Module 1: An Introduction to Pivotal Cloud Foundry

- ✓ Evolution of Cloud Architectures
- ✓ Industry Trends
- ✓ Cloud Foundry

Module 2: Logging, Scale and HA

- ✓ Cloud Native Apps
- ✓ Elastic Runtime Architecture
- ✓ High Availability

Module 3: Services

- ✓ Cloud Native Apps
- ✓ Managed Services
- ✓ User Provided Service Instances

Module 4: Manifests

- ✓ Using Manifests

Module 5: Application Security Groups

- ✓ Managing Application Security Groups

Module 6: Log Draining

- ✓ Cloud Native Apps
- ✓ Loggregator Review

Module 7: Blue-Green Deployments

- ✓ Blue-Green Routing
- ✓ Implications App Design

Module 8: Microservices

- ✓ The Monolith
- ✓ Microservices

Module 9: Security

- ✓ Securing applications with UAA and OAuth2
- ✓ Using route services for authentication

Module 10: Routing & Tracing

- ✓ TCP Routing
- ✓ Cascading failure
- ✓ Distributed tracing

Module 11: Metrics

- ✓ Using Pivotal Cloud Foundry Metrics

Module 12: Buildpacks

- ✓ Buildpack API

Module 13: Service Brokers

- ✓ Service Broker API

Module 14: Continuous Delivery

- ✓ Continuous Delivery Defined
- ✓ How Pivotal Cloud Foundry Enables Continuous Delivery

Module 15: Route Service

- ✓ Purpose & Request Flow