

Cloud Foundry Administrator Training (CFA)

ID CFA Preis 3.249,- € (exkl. MwSt.) Dauer 5 Tage

Kursüberblick

This course provides administrators with the theoretical understanding and hands-on experience needed to manage a Pivotal Cloud Foundry Installation. The course begins with an introduction to how Pivotal Cloud Foundry is transforming the ways software is built and deployed. Students will then focus on “Day 1 Operations” - including installing Ops Manager and the Elastic Runtime, configuring users, roles, and quotas, and setting up systems for capturing and reading logs. From there, the course explores “Day 2 Operations” - backing up and restoring an installation, using BOSH, and upgrading Ops Manager and tiles. Upon completion of this course, participants will have the skills necessary to go from setup through maintenance of their organization’s cloud platform.

Note: This is a 5-day course; “Day 1 Operations” and “Day 2 Operations” represent major themes in IT operations.

Zielgruppe

Administrators responsible for the installation, configuration, and management of a Pivotal Cloud Foundry installation

Voraussetzungen

- Experience using the command line interface
- Completion of the [Cloud Foundry Developer \(CFD\)](#) course is preferred but not required

Kursziele

At the end of the training, students will be able to:

- Understand the Elastic Runtime architecture and how it impacts developers
- Install, backup, restore, and upgrade a Pivotal Cloud Foundry installation
- Create users and assign roles
- Manage org and space quotas
- Monitor Pivotal Cloud Foundry with component logs and metrics
- Use BOSH to troubleshoot their PCF installation
- Use BOSH to create and deploy a release
- Understand capacity planning and multi-site deployments

Kursinhalt

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