

Broadcom Tanzu Platform for Cloud Foundry Training

OEM: Broadcom • Duration: 3 Days (24 hrs) • Code: BC-250-607

COURSE MODULES & TOPICS

Getting Started (4%)

- Connect to a Cloud Foundry instance
- Deploy an application

Core Concepts (3%)

- Constructs for multiple users, projects, and tenants

Configuring Applications (5%)

- Configure and deploy applications in Cloud Foundry

Managing Applications (3%)

- Scaling and resilience for Cloud Foundry applications

Application Lifecycle (9%)

- Manage the lifecycle of an application in Cloud Foundry

Services (5%)

- Managed services provided by service brokers
- User-provided services

Domains and Routing (11%)

- Using domains and routes to reach deployed applications

Advanced CLI Usage (2%)

- Using the 'cf' command line interface

Advanced Application Configuration (7%)

- Health checks and co-located processes

Advanced Deployment Management (3%)

- Incremental/sub-step deployments
- App revisions

Introduction to BOSH (5%)

- BOSH features and basic functionality

Deploy a Simple Release (5%)

- How to deploy a BOSH release

Deployment Components (7%)

- Components that make up a BOSH deployment

Deployment Under the Covers (5%)

- BOSH internals when making a deployment

Inside the Virtual Machine (1%)

- Components installed on a VM deployed by BOSH

The Cloud Provider Interface (2%)

- Cloud Provider Interface (CPI)

BOSH Resilience (8%)

- How BOSH provides resilience to failures in distributed systems

Exploring Resilience (4%)

- Monit and the Resurrector for BOSH deployment resilience

Updating Deployments (6%)

- Controlled rolling updates to systems

Updating Releases and Stemcells (2%)

- Upgrades to OS and software of a managed virtual machine

Persistent Storage (2%)

- How BOSH handles persistent storage

Working with Persistent Disks (1%)

- Managing persistent storage for BOSH deployments