

TIBCO Educational Services

COURSE AUDIENCE

- Administrators
- Architects
- Developers

COURSE DESIGN

- Lecture: 50%
- Labs: 50%

COURSE LENGTH

- 4 Days

DELIVERY OPTIONS



Classroom



LiveOnline

COURSE RATING



Courses are rated from one to five, with five checks indicating most technically challenging.

BWC628: TIBCO BusinessWorks™ Container Edition 2.x Boot Camp

COURSE OVERVIEW

TIBCO BusinessWorks™ Container Edition leverages the power and functionality of TIBCO ActiveMatrix BusinessWorks™ to build cloud-native applications and deploy them to cloud platforms. This interactive course examines product architecture, application development and deployment to Docker containers.

Through hands-on labs attendees design, test, and debug applications using TIBCO Business Studio. Attendees also transition BusinessWorks 6.x solutions and design microservices that use TIBCO EMS for messaging and JDBC drivers for database access. Service discovery as part of a microservices-based architecture is implemented.

Configuring circuit breakers provides a glimpse into the fail over capabilities, and unit testing using assertions shows testing options. Application monitoring and a discussion on security choices demonstrates how applications and their communications can be monitored and protected. Finally, monitoring container-based applications with TIBCO Hawk Container Edition is discussed and implemented.

LEARNING OBJECTIVES

- Identify key capabilities of BusinessWorks Container Edition
- Build, test, and debug applications with TIBCO Business Studio™
- Deploy to Docker containers
- Transition BusinessWorks applications to microservices
- Use JDBC drivers and third-party code in applications
- Explain monitoring options
- Examine appropriate usage of shared modules and circuit breakers
- List security options for internal and external communication

COURSE TOPICS

- Introduction to TIBCO solutions and BusinessWorks Container Edition
- Service design and testing
- Deployment
- Transitioning BusinessWorks version 5 & 6 solutions
- Monitoring
- Service Discovery
- Circuit Breakers
- Security

COURSE PREREQUISITES

- Knowledge of REST and SOAP services would be beneficial

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