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Innovative CICS System Programming - Implementing Mobile Apps with CICS
Information

Length:	16.0 Hours
Ref:	WM891G
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

This course is designed to teach you how to connect mobile devices to CICS and run existing or new CICS web service applications. You learn how to enable and implement mobile in CICS, including how to prepare the CICS environment and resources and what CICS provides to assist with the service development, integration, and translations. The course explains implementations such as web service patterns and the web service assistant jobs. It also covers various ways to connect mobile applications to CICS by use of CICS Mobile Extensions, IBM MobileFirst Platform Foundation, CICS Transaction Gateway, Liberty Profile, and IBM z/OS Connect feature. The course includes a module on mobile security architectures and securing mobile access to CICS. In the hands-on lab exercises, you perform the necessary steps to configure and implement mobile apps with CICS. The lab exercises implement JSON and SOAP web services in support of mobile applications.

For information about other related courses, visit the IBM Training website:
<http://www.ibm.com/training>

Public

This intermediate course is designed for CICS system programmers, administrators, architects, designers, and developers for the CICS Transaction Server product.

Prerequisites

You should:

- Have working knowledge of CICS TS
- Understand how CICS resources are defined**and** installed
- Successfully complete course *CICS V5 Fundamentals* (WM851G) **or** *CICS V5 Basic Tailoring* (WM852G), **or** have equivalent working experience

Objective

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to

attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEnrl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

The current GTP list price

The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Topics

- Course introduction
- Introduction to CICS and mobile
- Exercise: Lab setup and SOAP web services
- Implementing JSON web services
- Exercise: Implementing JSON and SOAP web services
- CICS and IBM MobileFirst Platform Foundation
- Exercise: CICS and IBM MobileFirst adapter
- CICS events and push notifications
- Exercise: CICS events and notifications
- Mobile integration and workloads
- Exercise: CICS TG JSON web services
- Secure mobile access to CICS
- Exercise: IBM z/OS Connect feature
- Course summary