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CICS V5 Advanced Application Development for SOA and Web Services  
Information

<b>Length:</b>	32.0 Hours
<b>Ref:</b>	WM875G
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

Overview

This advanced course teaches you how to design, code, test, and debug CICS application programs that use the CICS web services features in CICS Transaction Server V5.

The content of this course is applicable to the entire family of CICS products and is primarily directed toward application developers who are interested in implementing CICS web services. Through a combination of instructor-led lectures and extensive hands-on exercises in COBOL, you learn how to create, test, and debug CICS web services. The course covers topics such as creating and implementing CICS applications as web services and implanting security measures in CICS for web services applications.

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

Public

This advanced course is designed for application developers and analysts who need to design, implement, and debug CICS web services in a service-oriented architecture (SOA) environment.

Prerequisites

You should have:

- Working knowledge of the underlying operating system platforms
- Basic knowledge of CICS fundamentals
- COBOL or PL/I application development and coding skills
- Basic knowledge of application design and programming

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 and overview of CICS web services
- Exercise: Testing CICS web services and tooling
- Web service design and development
- CICS as a web services provider
- Exercise: Building a web services provider application
- CICS as a web services provider with Rational Developer for System z
- Exercise: Building a web services provider application with Rational Developer for System z
- CICS as a web services requester
- Exercise: Building a web services requester application
- CICS application data and XML
- Exercise: Using CICS to parse and generate XML
- Web service pipeline handlers
- Exercise: Developing a message handler program
- WS-Security and WS-Trust
- Resource definition
- Exercise: Using the resources
- Interfacing with CICS web services
- Course summary