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CICS V5.3 Fundamentals
Information

Length:	24.0 Hours
Ref:	WM806G
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

In this comprehensive course, you learn about all the concepts and facilities of IBM CICS Transaction Server V5.3. After completing this course, you have the prerequisite knowledge for all of the follow-on CICS courses that IBM Training offers.

This course gives you a solid background in the transactions and application programming interfaces (APIs) that are supplied with CICS. You learn about general guidelines and programming aids that support application development for CICS, including the features of CICSplex System Manager, working with the CICS Explorer graphical tools, how CICS protects its resources, and managing data integrity. You also learn about the facilities that enable CICS to connect and communicate with other systems, and how to design and write CICS applications.

Hands-on exercises throughout the course are designed to reinforce the lecture material, and give you practical experience in working with the basics of CICS transaction processing and resource management. The exercises build skills in areas such as using the supplied transactions and the CICS Explorer, defining and managing CICS resources, CICS web services and interfaces, and debugging CICS applications.

This course is applicable to all releases of CICS TS and includes the related Version 5 updates for CICS TS V5.2 and CICS TS V5.3.

For information about other related courses, visit the IBM Training website:

ibm.com/training

Public

This CICS TS V5.3 course is designed for IT personnel who have little or no CICS experience.

Prerequisites

Before taking this course, you should have basic knowledge of data processing and an IBM operating system. Some programming experience in a high-level language like COBOL or Java is helpful.

Topics

- Course introduction
- Introducing CICS
- CICS supplied transactions
- Exercise: CICS supplied transactions
- Defining CICS resources
- Exercise: Defining CICS resources
- Introducing the CICS Explorer
- Exercise: Using the CICS Explorer
- Managing data integrity
- Data access
- Exercise: Exploring data resources
- CICS security
- Startup and shutdown
- Exercise: Managing CICS resources
- CICSplex System Management overview
- Designing CICS applications
- Exercise: Exploring CICS web services
- Writing CICS programs
- Exercise: Reviewing CICS BMS maps
- Testing and debugging CICS programs
- Exercise: Debugging applications with EDF
- CICS intercommunication
- Course summary