

CICS Fundamentals

Course Summary

Description

The “CICS Fundamentals ” provides an overview of the CICS environment for people that are new to online processing. In this course, the participant will learn how a CICS system is put together, identify CICS-managed resources, describe system utilities both online and offline. We also discuss CICS storage management, CICS communications and CICS programming interfaces. At the end of this class, the attendee should have a good idea of the services provided by CICS.

Topics

- CICS Overview
- CICS Resource
- CICS Storage
- CICS Communication
- Online tools
- CICS Offline Utilities
- Specialized Functions

Audience

This course is for anyone new to CICS Environment.

Prerequisites

There are no prerequisites for this course.

Duration

Three days

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Course Outline

I. CICS Overview

This module describes transaction processing within CICS; how is a transaction triggered, the various CICS components involved, the main CICS resources that are needed in order to make this process happen are all subjects covered by this module.

II. CICS Resource

This chapter discusses CICS-managed resources and system files.

III. CICS Storage

This module discusses storage management in CICS, the various page pools (DSA's), the storage protection facility and transaction isolation.

IV. CICS Communication

This module discusses the various communications facilities available in CICS. MRO, ISC, DEC support, WEB interface, 320 bridge are all introduced here in an attempt to provide a total picture of what CICS can do.

V. Online tools

This chapter introduces the system programmer to the various online tools available in CICS. CEMT, CECI, CMAC, CEDF, CEDX are just a few of the transactions discussed in this chapter.

VI. CICS Offline Utilities

An overview of CICS utilities will be presented focusing on trace and the resource definition utility program. Time will also be spent on some CICS on-line utilities like CETR, CEDF, CIND and more.

VII. Specialized Functions

This module provides an overview of some of the most important functions provided by CICS. Components that are covered are Recovery & Log Managers, Business Transaction Services, Open transaction Environment, VSAM/RLS, Named Counters, CICS Web Services, Java and J2EE support and more.