

**Duration:** 2.5 days

**Course Number:** ISI-CICS-03

## **Description**

This is a planning course designed to ease the migration from CICS Transaction Server (CICS TS) for OS/390 Version 1.3 to CICS TS for z/OS Version 2.2, which delivers major enhancements to improve its support for e-business applications as well as traditional CICS applications. The student is provided with a functional overview of the new enhancements to CICS TS V2.2, including:

- CICS Enterprise JavaBean support.
- JCICS classes available to write CICS Java applications.
- Enhancements to the CICS DB2 attachment.
- Integrated CICS translator.
- CICS support of the VTAM alias facility.
- Signon retention for persistent sessions.
- Enhancements to CICS support of TCP/IP.
- Connection optimization.
- ECI over TCP/IP.
- 3270 Bridge enhancements.
- Web Certificate Auto Registration feature.
- CICS Data Sharing Servers enhancements.
- Changes to CICS file control.
- Monitoring and statistics changes.

The course also provides planning information for operating system integration, resource definition changes, application support planning, and enhancements to monitoring and statistical functions.

## **Audience**

Anyone involved with the migration of applications from either CICS/ESA 4.1 or CICS TS 1.3 to CICS TS 2.2. In-depth technical knowledge of CICS architecture would be helpful, but not absolutely necessary. Some parts of this course could get a little technical so some technical background would be preferable but not essential.

## **Prerequisites**

Some knowledge of earlier releases of CICS.

## Course Agenda

### CICS TS 2.2 Architecture

- Internal Architecture
  - Domains
  - Transaction Processing
  - Storage Management
- New Features

### Control Tables

- Journal and log management
- System initialization table
- Destination control tables
- Temporary storage table
- TCPIP SERVICE
- DB2 definitions
- HTML document templates

### New Features

- CICS Domains
- CCS Connector
- ECI/EPI Support Over TCP/IP
- Automatic Restart of CICS Data-sharing Servers
- Coupling Facility and Workload Management

### DB2 Interfaces

- New CICS to DB2 Interface

### Web-Enabling Technologies

- CICS WEB Support
- New and Improved Java Virtual Machine (JVM) support
- 3270 Bridge Support
- CORBA and IIOP Support

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## Course Agenda (continued)

### Network Communications

- VTAM Persistent Session
- VTAM Alias Facility

### Trace and Dump Support