CICS/TS V4 New Features and Facilities

Course Summary

Description

This introductory course explains the new functionality and enhancements available with CICS/TS V4. The class will provide students with the ability to enable the exploitation of new features such as Event Processing; Atom feeds; Service Component Architecture support, CICS Bundles; Resource Signatures; CICS Explorer and Transaction Routing over TCP/IP. The Architectural enhancements supported by CICS TS V4 will also be introduced and discussed. Many of the enhancements at CICS TS 4.2 extend and expand functionality introduced at CICS TS V4.1.

Objectives
At the end of this course, students will be able to:

- Describe and exploit CICS Event
- Processing & exploit Atom feeds
- Describe the 64-bit use enhancements
- Utilize Resource Signatures & Understand and use the CICS Explorer
- Describe and exploit Transaction Routing (TR) over IPIC
- Describe and exploit the "Optimized" CICS TS System Manager CPSM) WLM and the new WLM selection algorithms
- Become familiar with the Web Services assistants enhanced data mappings and optional interoperability with
- WebSphere Service Registry and Repository (WSRR)
- Describe and exploit the new SPI command set equivalent to CEDA and DFHCSDUP
- List ancillary changes such as IPv6 support; new objects such as MQCONN, ATOMSERVICE, BUNDLE, EPADAPT, etc.
- Prepare for migration and the implications of Persistent Session support changes; exploitation of z/OS XML System Services parser and zAAP engine offload; new and changed RDO objects/attributes and SIT parm changes.

Topics

- CICS/TS V4.2 - an Introduction
- Event Processing ('COMPETE' Theme – 1)
- Atom Feeds ('COMPETE' Theme – 2)
- Service Component Architecture (SCA) and CICS BUNDLEs ('COMPETE' Theme–3)
- CICS XML Assistant Data Mappings ('COMPETE' Theme – 4)
- WS Addressing ('COMPETE' Theme – 5)
- CPSM Enhancements ('COMPETE' Theme–6)
- Resource Signatures ('COMPLY' Theme – 1)
- Web Services Assistants ('COMPLY' Theme–2)
- CICS Explorer ('CONTROL' Theme – 1)
- Transaction Routing, START/CANCEL over TCPIP ('CONTROL' Theme – 2)
- CICS Management Client Interface (CMCI) ('CONTROL' Theme – 3)
- New SPI Command Level for RDO Objects ('CONTROL' Theme – 4)
- Catch-all

Prerequisites

Students should be experienced CICS personnel.

Duration

Three days

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically

CICS/TS V4 New Features and Facilities

Course Outline

I. CICS/TS V4.2 - an Introduction

II. Event Processing ('COMPETE' Theme – 1)

III. Atom Feeds ('COMPETE' Theme – 2)

IV. Service Component Architecture (SCA) and

V. CICS BUNDLEs ('COMPETE' Theme–3)

VI. CICS XML Assistant Data Mappings ('COMPETE' Theme – 4)

VII. WS Addressing ('COMPETE' Theme – 5)

VIII. CPSM Enhancements ('COMPETE' Theme–6)

IX. Resource Signatures ('COMPLY' Theme – 1)

X. Web Services Assistants ('COMPLY' Theme–2)

XI. CICS Explorer ('CONTROL' Theme – 1)

XII. Transaction Routing, START/CANCEL over

XIII. TCPIP ('CONTROL' Theme – 2)

XIV. CICS Management Client Interface (CMCI) ('CONTROL' Theme – 3)

XV. New SPI Command Level for RDO Objects ('CONTROL' Theme – 4)

XVI. Catch-all

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically