SMP/E Fundamentals

Course Summary

Description

This course provides the fundamentals of SMP/E processing for installation and maintenance of systems software and program products. Topics will include an examination of SMP/E commands, a detailed review of MCS statements and their purpose, and exercises to enable the student to gain a working familiarity with SMP/E processing.

Topics

- SMP/E Overview and Methodology
- SYSMODS
- RECEIVE, APPLY, and ACCEPT Processing
- RESTORE and REJECT Processing
- Managing SYSMODS
- Controlling SMP/E Data Sets
- SMP/E Reporting

Audience

This course is designed for systems programmers and support personnel that will have responsibility for maintaining the SMP/E environment.

Prerequisites

Students should be familiar with JCL, MVS utilities, and the use of TSO/ISPF.

Duration

Four days
SMP/E Fundamentals

Course Outline

I. SMP/E Overview and Methodology
   A. Examine SMP/E data sets and their roles in maintaining system information
   B. Introduction to SMP/E dialogues
   C. Introduction to the SMP/E Zones: global, target, and distribution
   D. Establishing the SMP/E environment and its definitions

II. SYSMODS
   A. Introduction to SYSMOD types; PTF, APAR, FUNCTION, and USERMODS
   B. Review HOLDDATA and its role in managing SYSMODS
   C. Examine MCS statements and how they are used to perform specific utility functions for SMP/E

III. RECEIVE, APPLY, and ACCEPT Processing
   A. Examine the SMP/E process for introducing change into the OS/390 environment
   B. RECEIVE processing
   C. APPLY CHECK and APPLY processing
   D. ACCEPT CHECK and ACCEPT processing

IV. RESTORE and REJECT Processing
   A. Examine the SMP/E process for restoring and removing changes from the OS/390 environment
   B. RESTORE CHECK and RESTORE processing
   C. REJECT processing

V. Managing SYSMODS
   A. CLEANUP processing to remove extraneous data from the SMP/E zones
   B. Examine the REPORT processing commands for reviewing SYSMOD status

VI. Controlling SMP/E Data Sets
   A. Examine the role UCLIN processing to modify data elements within SMP/E zones
   B. ZONE processing commands to manage SMP/E zones
   C. Introduce the BUILDMCS command for migrating SMP/E managed elements to other systems

VII. SMP/E Reporting
   A. Use of SMP/E logging functions to trace activity
   B. SMP/E LIST command to report on managed elements