ProTech Professional Technical Services, Inc.

SMP/E for z/OS Workshop - ES26G

Course Summary

Description

This course is designed to provide the SMP/E skills needed in the installation and maintenance of optional features and maintenance in the z/OS operating environment. You are taught to define the SMP/E database and invoke SMP/E to add, modify, or replace system elements. The course includes extensive hands-on labs using a current level of SMP/E.   You will get practical experience in the SMP/E tasks involved in installing a z/OS product. Emphasis is on interpreting results of SMP/E processing. SMP/E concepts examined in this course include modification control statements, the consolidated software inventory, zone structure, and error analysis. SMP/E commands such as RECEIVE, APPLY, ACCEPT, RESTORE, REPORT, and LIST are discussed.   You will also learn how to perform automated SMP/E delivery of z/OS and product maintenance over the Internet with an automated SMP/E process that downloads and installs IBM preventive and corrective service over the Internet.

Topics

   Describe how SMP/E is used as a tool for system maintenance   Interpret modification control statements in a sample SYSMOD   Create a consolidated software inventory database to support installation and maintenance requirements   Use the SMP/E dialogs to install a product and its related service   Manage exception SYSMOD data   Describe the use of the primary and secondary data sets required by SMP/E   Analyze output from SMP/E processing and resolve commonly encountered problems   Describe the use of the REPORT command to determine software dependencies between zones   Use the BUILDMCS process to create a function SYSMOD from an installed product and its service   Use the new SMP/E functions to install software service automatically over the internet   Implement support for communication server FTP client   Use the new RECEIVE ORDER command to order and install z/OS maintenance automatically over the Internet

Audience

This basic course is for system programmers with no prior SMP experience who plan to use SMP/E for system and subsystem maintenance and installation.

Prerequisites

Required Skills and Knowledge   Use basic JCL statements   Describe the use of the following z/OS utility programs: assembler, linkage editor, IEBCOPY, IEBUPDTE, and AMASPZAP   Identify the access method services commands and parameters used in creating a VSAM KSDS   Use ISPF/PDF panels   This knowledge and these skills can be acquired on the job or by completing one or more of the following education offerings: Fundamental Practical System Skills in z/OS , (ES10) (ES10A)   z/OS VSAM and Access Method Services, (SS83) (H3840)   The students new to z/OS could benefit from attending z/OS Facilities (ES15) (ES150) for additional basic z/OS knowledge.

Duration

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4.5 Days