SMP/E FOR Z/OS WORKSHOP

Course Code: 9201

IBM Course Code: ES261

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

What You'll Learn

- 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

Who Needs to Attend

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)*

The students new to z/OS could benefit from attending *z/OS Facilities (ES15) (*[*ES150*](#)*)* for additional basic z/OS knowledge.

SMP/E FOR Z/OS WORKSHOP

Course Code: 9201

CLASSROOM LIVE	$4,750 USD	5 Day

SMP/E FOR Z/OS WORKSHOP

Course Code: 9201

VIRTUAL CLASSROOM LIVE	$4,750 USD	5 Day

Dec 15 - 19, 2025 | 9:30 AM - 5:30 PM EST

Mar 16 - 20, 2026 | 9:30 AM - 5:30 PM EST

Jun 8 - 12, 2026 | 9:30 AM - 5:30 PM EST

SMP/E FOR Z/OS WORKSHOP

Course Code: 9201

PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.