

## SMP/E for z/OS Workshop

**Duration: 5 Days    Course Code: ES26G**

### Overview:

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

### Target Audience:

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

### Objectives:

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

### 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 , (ES10GB) (ES10AGB)
- 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.

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## Content:

Please refer to Course Overview for description information.

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## Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

[training@globalknowledge.com.eg](mailto:training@globalknowledge.com.eg)

[www.globalknowledge.com/en-eg/](http://www.globalknowledge.com/en-eg/)

Global Knowledge, 16 Moustafa Refaat St. Block 1137, Sheraton Buildings, Heliopolis, Cairo