



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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## SMP/E for z/OS Workshop

**CODE:**            **DURÉE:**            **PRIX H.T.:**

ES26G            40 Hours (5 Jours)            €3,890.00

### Description

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.

<http://www.ibm.com/training/terms>

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

### Objectifs

- 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 BUILD MCS 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.

### Prérequis

#### 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.

## **Programme**

Please refer to Course Overview for description information.

## **Options**

This course is part of the IBM Education and Training Maintenance and Installation curriculum which includes the following course:

- z/OS Installation (ES41/ES41A). This course teaches you how to plan for and install a z/OS system. The course focuses on z/OS using JES2 with classroom and lab materials at the z/OS latest release. Information applicable to earlier releases of z/OS is also addressed. The course presents the CustomPAC ServerPac installation using the CustomPac dialog process.

## **Dates de session**

Sur demande. [Merci de nous contacter](#)

## **Informations**

### **Complémentaires**

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)