

Course : IBM SMP/E for z/OS Workshop (ES26G)

Official IBM course.

Practical course - 5d - 35h00 - Ref. ES6

Price : 4450 € E.T.

This course is designed to provide the SMP/E skills needed to install and maintain optional features and maintenance in the z/OS operating environment. You will learn how to define the SMP/E database and how to invoke SMP/E to add, modify or replace system elements. The course includes in-depth hands-on exercises using a current level of SMP/E, etc...

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Describe how SMP/E is used as a system maintenance tool
- ✓ Interpreting change control instructions in a SYSMOD example
- ✓ Create a consolidated software inventory database
- ✓ Use SMP/E dialog boxes to install a product and its associated service
- ✓ Manage SYSMOD exception data
- ✓ Describe the use of primary and secondary data sets required by SMP/E
- ✓ Analyze SMP/E processing output and resolve frequently encountered problems
- ✓ Describe the use of the REPORT command to determine software dependencies between zones
- ✓ Use the BUILD MCS process to create a SYSMOD function from an installed product and its service
- ✓ Use the new SMP/E functions to automatically install the software service via the Internet
- ✓ Implement FTP client support for the communication server

Intended audience

Programmeurs système sans expérience préalable de SMP qui prévoient d'utiliser SMP/E pour la maintenance et l'installation du système et des sous-systèmes.

PARTICIPANTS

Programmeurs système sans expérience préalable de SMP qui prévoient d'utiliser SMP/E pour la maintenance et l'installation du système et des sous-systèmes.

PREREQUISITES

Completion of the following training courses or knowledge of: z/OS Systems Fundamentals (ES10) (ES10A) and z/OS Access Method Services and VSAM, (SS83) (H3840).

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Prerequisites

Completion of the following training courses or knowledge of: z/OS Systems Fundamentals (ES10) (ES10A) and z/OS Access Method Services and VSAM, (SS83) (H3840).

Practical details

Teaching methods

Animation de la formation en français. Support de cours officiel au format numérique et en anglais. Bonne compréhension de l'anglais à l'écrit.

Course schedule

1 Introducing SMP/E

- Sources SYSMOD.
- SMP/E process.
- SMP/E installation process.

2 SYSMOD packaging presentation

- Modification control instructions.
- Packaging techniques.

3 Element level monitoring

- Monitor the evolution of components installed in the z/OS system.

4 Consolidated software inventory

- Control information.
- Status information.
- Information on content and structure.
- Zone management commands.

5 Performance requirements

- Launch of SMP/E.
- SMP/E data sets.
- Dynamic allocation.

6 RECEIVE and REJECT controls

- Introduction to RECEIVE and REJECT commands.
- Introducing HOLDDATA.

7 APPLY treatment

- Operands.
- SYSMOD selection.
- Applicability checks.
- JCLIN treatment.
- Element selection.
- Element installation.
- CSI updates.
- Reports.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

8 ACCEPT processing

- Introduction to the ACCEPT processing command.

9 RESTORE command

- Introducing the RESTORE command.

10 BUILDMCS and LINK MODULE controls

- System structure.
- Introducing the BUILDMCS command.
- LINK MODULE command overview.

11 LIST and REPORT commands

- LIST processing.
- Introducing the REPORT command.
- SMP/E scenarios.

12 SMP/E and the network

- Electronic delivery SMP/E.
- Improvements to SMP/E Internet delivery.

13 Using the new installation and maintenance strategy

- Automate installation and update processes with z/OMSF.

Dates and locations

REMOTE CLASS

2026 : 23 Mar., 1 June, 14 Sep., 23 Nov.

PARIS LA DÉFENSE

2026 : 23 Mar., 1 June, 14 Sep., 23 Nov.