

SMP/E for z/OS Workshop

Cursusduur: 5 Dagen Cursuscode: ES26G Trainingsmethode: Virtual Learning

Beschrijving:

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.
ERC5.7

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Doelgroep:

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.

Doelstelling:

- After this course participants should be able to:
- 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

Vereiste kennis en vaardigheden:

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 , (ES10G)

■ z/OS VSAM and Access Method Services, (SS83G)

The students new to z/OS could benefit from attending z/OS Facilities (ES15G) for additional basic z/OS knowledge.

Vervolg cursussen:

ES40G

ESB3G

Cursusinhoud:

1. SMP/E overview	5. Execution requirements	8. ACCEPT processing
· Introduction	· Invoking SMP/E	· Introduction
· SYSMOD sources	· SMP/E data sets	· ACCEPT processing
· SMP/E processing	· Dynamic allocation	9. RESTORE
· Installation process	6. RECEIVE and REJECT	· Introduction
2. SYSMOD packaging	· Introduction	10. BUILD MCS and LINK MODULE
· Introduction	· HOLDDATA	· System structure
· Modification control statements	7. APPLY processing	· BUILD MCS command
· Packaging techniques	· Introduction	· The LINK MODULE command
3. Tracking element levels	· Operands	11. LIST and REPORT commands
· Introduction	· SYSMOD selection	· LIST processing
4. Consolidated software inventory	· Applicability checks	· REPORT command
· Introduction	· JCLIN processing	· SMP/E scenarios
· Control information	· Element selection	12. SMP/E and the network
· Status information	· Element installation	· SMP/E electronic delivery
· Content and structure information	· CSI updates	· SMP/E Internet delivery enhancements
· Zone management commands	· Reports	13. z/OSMF and the new installation and maintenance strategy (optional)

Extra informatie:

Official course book provided to participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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