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

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 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

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.

Vervolgcursussen:

ES40G

ESB3G

Cursusinhoud:

1. SMP/E overview
- Introduction
- SYSMOD sources
- SMP/E processing
- Installation process

2. SYSMOD packaging
- Introduction
- Modification control statements
- Packaging techniques

3. Tracking element levels
- Introduction

4. Consolidated software inventory
- Introduction
- Control information
- Status information
- Content and structure information
- Zone management commands

5. Execution requirements
- Invoking SMP/E
- SMP/E data sets
- Dynamic allocation

6. RECEIVE and REJECT
- Introduction
- HOLDDATA

7. APPLY processing
- Introduction
- Operands
- SYSMOD selection
- Applicability checks
- JCLIN processing
- Element selection
- Element installation
- CSI updates
- Reports

8. ACCEPT processing
- Introduction
- ACCEPT processing

9. RESTORE
- Introduction

10. BUILDMCS and LINK MODULE
- System structure
- BUILDMCS command
- The LINK MODULE command

11. LIST and REPORT commands
- LIST processing
- REPORT command
- SMP/E scenarios

12. SMP/E and the network
- SMP/E electronic delivery
- SMP/E Internet delivery enhancements

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

info@globalknowledge.nl

www.globalknowledge.com/nl-nl/

Iepenhoeve 5, 3438 MR Nieuwegein