

IBM ES10G - FUNDAMENTAL SYSTEM SKILLS IN Z/OS

Dauer: 5 Tage

Nr.: 36010

Durchführungsart: Präsenztraining

Preis: 3.490€ netto / 4.153,10 € inkl. 19 % MwSt.

Zielgruppe: This basic course is for IT personnel with a theoretical background of z/OS (for example, as taught in An Introduction to the z/OS Environment (ES05G) and some general practical IT experience.

Schulungsmethode: presentation, discussion, hands-on exercises, demonstrations on the system.

Voraussetzungen: You should complete:

An Introduction to the z/OS Environment (ES05G) or equivalent on-the-job Training.

This course is designed to teach you the fundamental practical skills to navigate and work in a z/OS environment. This includes the use of ISPF/PDF dialogs, TSO/E commands, JCL, UNIX System Services shell, and BookManager.



Programm

Key topics:

- Unit 1: Introduction to the IBM Z Systems environment
- Topic 1: Architecture in the z Systems environment
- Topic 2: Operating systems
- Topic 3: IBM z Systems
- Unit 2: z/OS security
- Topic 1: System security
- Topic 2: RACF
- Topic 3: RACF profiles
- Unit 3: TSO ISPF panel
- Topic 1: TSO familiarization
- Exercise 1: System familiarization
- Topic 2: Introduction to z/OS data set
- Topic 3: Allocating data sets
- Exercise 2: Allocate new data sets
- Topic 4: Creating data sets and members
- Topic 5: Edit data sets
- Topic 6: Line commands
- Topic 7: Copy, move, rename, and delete data sets and members
- Exercise 3: ISPF editor primary commands
- Exercise 4: ISPF editor Line commands
- Exercise 5: Copy, move, rename, and delete data sets and members
- Topic 8: Data set lists
- Exercise 6: Data set lists
- Unit 4: TSO commands
- Topic 1: TSO ISPF commands
- Topic 2: Edit data sets using line commands

- Exercise 7: Using TSO/E commands
- Unit 5: JES and JCL
 - Topic 1: Introduction to JES and JCL
 - Topic 2: Coding JCL
 - Topic 3: Submitting jobs using JCL
 - Topic 4: JCL utilities
 - Topic 5: Managing data sets using JCL
- Exercise 8: Submit a job
- Exercise 9: JCL exercises
- Exercise 10: Procedures
- Unit 6: UNIX
 - Topic 1: UNIX system services
 - Topic 2: File systems
 - Topic 3: UNIX program support and security
 - Topic 4: Application services
 - Topic 5: Security
- Exercise 11: ISHELL and hierarchical file system

Objectives:

- Review the main concepts of z/OS
- Log on to TSO and start ISPF/PDF
- Navigate through ISPF/PDF dialogs and use the basic ISPF/PDF functions and the ISPF Editor
- Use ISPF/PDF to allocate data sets and edit data sets (including hierarchical file system (HFS) files) using the ISPF Editor primary and line commands
- Use ISPF to create and manipulate (copy, rename, delete, list, sort, and merge) data sets
- Identify security considerations for Multiple Virtual Storage (MVS) data sets and HFS files
- Describe and use TSO/E commands
- Perform simple modifications to existing ISPF/PDF panels
- Invoke a REXX exec and TSO CLIST
- Tailor existing JCL and submit batch Jobs
- Review job status and job output using SDSF
- Invoke UNIX processes
- Manipulate HFS directories and file systems using the UNIX System
- Services ISHELL

