Course : IBM Fundamental System Skills in z/OS (ES10G)

Official IBM course

Practical course - 5d - 35h00 - Ref. IB6
Price : 4450 € E.T.

Nouvelle édition

With this training, you'll have 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, the UNIX System Services shell and BookManager.

Teaching objectives

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

- Review the main z/OS concepts
- Connect to TSO and start ISPF/PDF
- Naviguer dans les boîtes de dialogue ISPF/PDF et utiliser les fonctions ISPF/PDF de base et l'éditeur ISPF
- Use ISPF/PDF to allocate datasets and modify datasets
- Use ISPF to create and manipulate (copy, rename, delete, list, sort and merge) data sets
- Identify security considerations for MVS datasets and HFS files
- Describe and use TSO/E commands
- Make simple modifications to existing ISPF/PDF panels
- Calling a REXX and TSO CLIST executable
- Adapt existing JCL and submit tasks in batches
- Review job status and job results with SDSF
- Invoking UNIX processes
- Handling directories and HFS file systems using the UNIX system
- ISHELL services

Intended audience

Personnel informatique ayant une formation théorique sur z/OS et une certaine expérience informatique pratique générale.

Prerequisites

Completion of the training course "An Introduction to the z/OS Environment (ES050)" or equivalent experience.

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 Introduction to the IBM z Systems environment

- Architecture in the z Systems environment.
- Operating systems.
- IBM z Systems.

2 z/OS security

- System security.
- RACF.
- RACF profiles.

3 Panel TSO ISPF

- Familiarize yourself with the TSO.
- Introduction to the z/OS dataset.
- Allocate data sets.
- Create data and member sets.
- Modify data sets.
- Line commands.
- Copy, move, rename and delete datasets and members.
- List data sets.

Hands-on work

System familiarization. Allocate new data sets. ISPF editor main commands. ISPF editor line commands. Copy, move, rename and delete datasets and members. Data set lists.

4 TSO commands

- ISPF TSO commands.
- Modify datasets using line commands.

Hands-on work

Using TSO/E commands.

(5) JES and JCL

- Introduction to JES and JCL.
- JCL coding.
- Submitting jobs using JCL.
- JCL utilities.
- Data set management with JCL.

Hands-on work
Soumettre une tâche. Exercices JCL. Procédures.

(6) UNIX

- UNIX system services.
- File systems.
- UNIX program support and security.
- Application services.
- Safety.

Hands-on work
ISHELL and hierarchical file system.

Dates and locations

REMOTE CLASS
2026 : 1 June, 23 Nov.

PARIS LA DÉFENSE
2026 : 1 June, 23 Nov.