Course : IBM z/OS System Operators (ES27G)

Official IBM course

Practical course - 3d - 21h00 - Ref. FWI
Price : 2730 € E.T.

This training course will give you an overview of the z operating system (OS). You will examine the systems from a hardware and software perspective. You will develop a basic understanding of the partitioning capabilities of the z system, the processor resource/system manager (PR/SM), z/OS, the Job Entry Subsystem 2 (JES2), the Job Entry Subsystem 3 (JES3), the Time Sharing Option (TSO), Extended Time Sharing Option (TSO/E), System Display and Search Facility (SDSF), z/OS Communications Server, and much more.

Teaching objectives

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

- Describing System z's use of z/Architecture
- Identify System z servers and their main components
- Name the functional groups and basic elements of z/OS
- Describe the concept of virtual storage and its use in z/OS
- Execute z/OS commands with the correct syntax
- Identify z/OS display commands that can be used to determine device status...
- Describe the use of VARY and CONFIG z/OS operator commands
- Interpreting the results of z/OS commands
- Identify the differences between JES2 and JES3
- Describing the use of JES2
- Describe SPOOLs and control point data sets
- Master cold start, hot start and partial restart processes
- Use commands to control resources and display task status
- Describe the main components and functions of the z/OS environment

Intended audience

IT staff with little or no theoretical knowledge of z/OS and little or no general practical IS experience.

PARTICIPANTS

IT staff with little or no theoretical knowledge of z/OS and little or no general practical IS experience.

PREREQUISITES

Avoir suivi la formation "An Introduction to the z/OS Environment (ES050)".

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.

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.

Prerequisites

Avoir suivi la formation "An Introduction to the z/OS Environment (ES050)".

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

(1) Official program

- Introduction to System z and z/OS servers.
- z/OS MVS command overview.
- Job Entry Subsystem (JES) and Time Sharing Option (TSO) commands.
- Presentation of all z/OS data.
- Discover how z/OS consoles work.

Hands-on work

Alternance théorie et pratique ; avec réalisation de très nombreux cas pratiques tout au long de la formation.

Dates and locations

REMOTE CLASS
2026 : 9 June, 22 Sep., 24 Nov.

PARIS LA DÉFENSE
2026 : 9 June, 22 Sep., 24 Nov.