ITTcert
BY ORSYS

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.

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 : 31 Mar., 9 June, 22 Sep., 24 Nov.

PARIS LA DÉFENSE
2026 : 31 Mar., 9 June, 22 Sep., 24 Nov.