Course : IBM Basic z/OS Tuning Using the Workload Manager (ES54G)

Official IBM course

Practical course - 5d - 35h00 - Ref. S54
Price : 4450 € E.T.

This training course is designed for new performance analysts to learn how to work with Workload Manager (WLM) in objective mode, to discover the concepts of WLM and performance management in the z/OS system using WLM. In this course, you will learn how to analyze Resource Monitoring Facility (RMF) reports and implement service definitions using the WLM Interactive System Productivity Facility (ISPF) application. You'll also get the chance to put the concepts and techniques you've learned into practice, thanks to a wide range of practical exercises.

PARTICIPANTS

z/OS system programmers, z/OS performance analysts and z/OS performance administrators new to z/OS system performance management.

PREREQUISITES

Familiarity with MVS and z/OS, the Workload Manager function and the use of TSO and ISP.

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.

Teaching objectives

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

- ✅ Describe a performance and tuning methodology
- ✅ Develop a systematic z/OS performance and tuning plan
- ✅ Describe the factors that could affect the performance of a z/OS system
- ✅ Use the WLM ISPF application
- ✅ Describe the components of a service definition
- ✅ Define workloads, service levels and classification rules
- ✅ Identify z/OS commands that affect WLM operation
- ✅ Identify the main WLM services for z/OS
- ✅ Analyze processor performance when running in a shared LPAR environment
- ✅ Use and monitor specialized zIIP and zAAP engines
- ✅ Measure and adjust DASD, processor storage and z/OS coupling configurations
- ✅ Explain the functions and installations of RMF and SMF
- ✅ Analyze performance bottlenecks with RMF
- ✅ Use workload license fees (WLC), defined capacity and know how to manage software costs
- ✅ Describe advanced z/OS environments using Intelligent Resource Director (IRD), HiperDispatch, etc.
- ✅ Using z/OSMF Workload Management (WLM)

Intended audience

z/OS system programmers, z/OS performance analysts and z/OS performance administrators new to z/OS system performance management.

Prerequisites

Familiarity with MVS and z/OS, the Workload Manager function and the use of TSO and ISP.

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

- Setting methodology.
- Using SMF and RMF to monitor performance.
- Impact on performance when running in a shared LPAR environment.
- Basic system workload management.
- Controls, internal components and WLM service.
- DASD z/OS performance.
- Processor storage setting.
- Various performance-related topics.

(2) **Official practical work**

- Introducing your z/OS system.
- Using RMF Monitor I and Monitor II.
- Implémentation d'un environnement WLM sur z/OS.
- Démarrer ISPF/PDF.
- Using RMF Monitor III to solve performance problems.
- z/OSMF and performance management.

Dates and locations

REMOTE CLASS
2026 : 9 Mar., 22 June, 5 Oct., 14 Dec.

PARIS LA DÉFENSE
2026 : 9 Mar., 22 June, 5 Oct., 14 Dec.