ITTcert
BY ORSYS

Course : IBM z/VM and Linux on IBM Z and LinuxONE Bootcamp (ZL00G)

Official IBM course

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

In this course, as a system programmer, you will learn how to support a z/VM operating system. You'll learn about the processes involved in installing z/VM and performing the steps required to support guest operating system virtual machines and CMS users. You'll gain the knowledge to perform the steps required to add guest systems and other virtual machines to the z/VM system, apply the service to the z/VM system and define a minimum TCP/IP configuration.

Teaching objectives

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

- Describe the guest execution process under z/VM
- Describe the z/VM installation process on IBM Z and LinuxONE
- Define virtual machines on z/VM and reload directory
- Customize the z/VM system's CP component
- Describe the Linux installation process on z/VM for SUSE, RedHat and Ubuntu
- Apply service to z/VM system
- Describe backup and recovery procedures for Linux on IBM Z and LinuxONE
- Manage and update network connectivity issues for Linux on IBM Z and LinuxONE
- Implementing the z/VM performance toolbox
- Customize TCP/IP files on z/VM
- Describe the system management process for Linux on IBM Z and LinuxONE

Intended audience

Future IT professionals responsible for supporting guests and other VMs running in the z/VM environment. Anyone responsible for Linux on IBM Z and LinuxONE.

PARTICIPANTS

Future IT professionals responsible for supporting guests and other VMs running in the z/VM environment. Anyone responsible for Linux on IBM Z and LinuxONE.

PREREQUISITES

Basic computer skills and knowledge.

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

Basic computer skills and knowledge.

Course schedule

(1) Official program

- Introduction to z/VM and zLinux.
- Installation.
- Directory.
- CP system configuration.
- z/VM networking.
- VMSES/E.
- Installing SUSE Linux on System z.
- Install additional packages.
- Network connectivity.
- System management.
- Backup and restore.
- z/VM Performance Toolkit configuration.

(2) Official practical work

- z/VM connection overview.
- z/VM installation.
- z/VM directory maintenance.
- CP system configuration.
- z/VM networking.
- z/VM maintenance (VMSES/E).
- Introducing the SUSE Linux lab.
- Installing SUSE Linux on System z.
- Basic knowledge of SUSE Linux.
- SUSE installs additional packages.
- SUSE Linux network.
- SUSE Linux system management.
- SUSE Linux TSM client.
- z/VM Performance Toolkit configuration.

Dates and locations

REMOTE CLASS
2026 : 16 Mar., 1 June, 14 Sep., 23 Nov.

PARIS LA DÉFENSE
2026 : 16 Mar., 1 June, 14 Sep., 23 Nov.