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z/VM and Linux on IBM Z and LinuxONE Bootcamp
Information

Length: 40.0 Hours
Ref: ZL00G □
Delivery method: Classroom
Price: EUR

Overview

This course introduces the system programmer to the tasks required to support a z/VM operating system. It gives an overview of the processes that are required to install z/VM, and to do the required tailoring steps to support guest operating system virtual machines and CMS users. The students will leave the course with the knowledge to do the steps for adding guest systems and other virtual machines to the z/VM system, to apply service to the z/VM system, and to define a minimal TCP/IP configuration. Also, this course is designed to teach the implementation of SUSE, RedHat, and Ubuntu distributions of Linux on IBM Z and on LinuxONE.

Public

This course is intended for IT professionals who will be responsible for the support of guests and other virtual machines that run in the z/VM environment. It assumes that these persons have little or no experience in the z/VM environment. Also, this course is intended for anyone responsible for installing, customizing, and maintaining Linux on IBM Z and on LinuxONE.

Prerequisites

Basic computer skills and knowledge.

Topics

Day 1

- Welcome
- Unit 1: z/VM and zLinux overview
- Unit 2: Installation
- Exercise 1: z/VM logon overview
- Exercise 2: z/VM installation

Day 2

- Unit 3: Directory

- Exercise 3: z/VM directory maintenance
- Unit 4: CP system configuration
- Exercise 4: CP system configuration

Day 3

- Unit 5: z/VM networking
- Exercise 5: z/VM networking
- Unit 6: VMSES/E
- Exercise 6: Servicing z/VM (VMSES/E)
- Unit 7: Installing SUSE Linux on System z

Day 4

- Exercise 7: SUSE Linux lab overview
- Exercise 8: SUSE Linux installation on System z
- Unit 8: Installing additional packages
- Exercise 9: SUSE Linux basics
- Exercise 10: SUSE installing additional packages

Day 5

- Unit 9: Network connectivity
- Exercise 11: SUSE Linux networking
- Unit 10: System management
- Exercise 12: SUSE Linux system management
- Unit 11: Backup and recovery
- Exercise 13: SUSE Linux TSM client
- Unit 12: z/VM Performance Toolkit configuration
- Exercise 14: z/VM Performance Toolkit configuration