z/VM & Linux Connectivity and Management

Information

Length:	3.5 Days
__Ref:	ZV10G-X
Delivery method:	Classroom
Price:	EUR

Overview

This course will introduce the students to advanced topics in z/VM 4.4.0, in two major areas, Connectivity and System Management.

Implementation of Advanced functions in TCP/IP will be discussed in the classroom lecture Environment with accompanying labs.

Topics would include: Obey file, HiperSockets, Guest LANs, Routing (Static versus Dynamic), MPROUTE Server, QIDO and OSD connectivity options.

In the area of system management students would be introduced to automation functions, collecting performance data, and using performance analysis tools for z/VM and Linux.

Topics would include: Programmable Operator, Observer and CP Send, XAUTOLOG/FORCE, RMF PMS, and Performance Toolkit.

Public

This course is intended for IT professionals who will be responsible for the support of Linux guest running in the z/VM environment. It assumes that these persons will have some experience in the VM/ESA or z/VM environment.

Prerequisits

Basic Linux or UNIX skills and zSeries and z/VM basics.

Objective

- Describe why z/VM is a good platform for supporting multiple Linux guests
- Perform the definition of Guest LANs
- Perform the definition of Virtual HiperSockets
- Describe the process of Dynamic Routing in TCP/IP
- Implementation of the MPROUTE server for TCP/IP

- Describe the process of defining and using multiple TCPIP stack virtual machines
- Describe the process of defining real devices to the z/VM system
- Define and use OBEY files for TCP/IP
- Implement Programmable Operator on z/VM
- Define and save the Monitor Saved Segment
- Define and initialize the MONWRITE virtual machine
- Implement the RMF PMS Program Product on Linux
- Implement the Performance Toolkit Product on z/VM

Topics

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