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TCP/IP for z/OS: Diagnostics and Debugging
Information

Length: 32.0 Hours
Ref: NW79G □
Delivery method: Classroom
Price: EUR

Overview

This course is designed to give you the skill required to diagnose and debug TCP/IP problems when operating on z/OS. This skill consists in developing knowledge of commands and tools together with a methodology in tackling TCP/IP problems.

The lab activity and paper projects provide an opportunity to debug real problems.

Public

This intermediate course is for anyone who works on TCP/IP networks and provides support in the resolution of communication problems on z/OS.

Prerequisites

You should have:

- Completed *TCP/IP for z/OS Implementation Workshop (CB695)*
- Knowledge of z/OS.

Topics

Day 1

- Welcome
- Unit 1: Introduction
- Unit 2: TCP/IP commands and utilities
- Exercise 1: TCP/IP commands and lab discovery
- Unit 3: TCP/IP traces
- Unit 4: Using IPCS with TCP/IP traces
- Exercise 2: Packet trace
- Exercise 3: OSA diagnosis lab

Day 2

- Unit 5: IP data flows
- Unit 6: Telnet
- Exercise 4: Telnet problems
- Unit 7: SyslogD and application traces
- Unit 8: FTP
- Exercise 5: FTP client
- Exercise 6: FTP server

Day 3

- Unit 8: FTP (continued)
- Unit 9: Debugging techniques
- Exercise 7: Problem Diagnosis (problem 1)
- Exercise 7: Problem Diagnosis (problem 2)
- Exercise 7: Problem Diagnosis (problem 3)
- Exercise 7: Problem Diagnosis (problem 4)
- Exercise 7: Problem Diagnosis (problem 5)

Day 4

- Unit 10: OMPRoute
- Exercise 8: OMPRoute
- Exercise 9: Storage usage
- Unit 11: Dump verification
- Exercise 10: Dump verification