

BZ101G

z OS Diagnostic Workshop Introductory level

Durata: 5 gg

Descrizione

This course includes an overview of z/OS operating system concepts including but not limited to dispatching, interrupt handling, managing storage resources and cross memory capability. It also introduces the IPCS dump analysis tool, which is used to extract data from SVC dumps, and performs a review of key assembler concepts used in z/OS problem diagnosis. Using this foundation, debugging techniques such as interpreting PSW and register content, performing program check analysis, reading the system trace table, and extracting diagnostic details about task, history are explored, each with accompanying labs which allow practical application and reinforcement of these concepts and techniques.

Objectives: •Refresher on z/OS operating system concepts of dispatching, interrupts, and virtual storage management

- Basic IPCS commands
- Basic z/OS debugging tools
- Basic z/OS debugging skills including analyzing program checks, reading system trace, and understanding task history
- Debugging in a cross memory environment

A chi è rivolto?

Individual who has debugging experience in a z/OS platform product but would like to strengthen their diagnostic skills by acquiring a better understanding of the operating system on which their product runs

Prerequisiti

- z/OS Assembler Language
- Familiarity with basic operating system concepts
- IPCS knowledge beneficial but not required

Contenuti

- Refresher on z/OS operating system concepts of dispatching, interrupts, and virtual storage management
- Basic IPCS commands
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- Basic z/OS debugging skills including analyzing program checks, reading system trace, and understanding task history
- Debugging in a cross memory environment