



Certificate Level III Details

This certificate validates that the learner has obtained a range of advanced system operator skills, most notably associated with z/OS and JES2 troubleshooting. They can use SDSF to analyze system activity, debug and resolve JCL problems, and are confident using common z/OS utilities.

This person can also create and run simple CLIST and REXX programs, allowing them to automate system operations tasks.

On the more conceptual side, this person can describe how a mainframe network is configured and how communication occurs between components.

Prerequisites

Successful completion of the IBM Mainframe Systems Operator Level II Certificate or equivalent knowledge.

Job Role

A Mainframe Systems Operator monitors and controls the operation of the mainframe hardware and software. On completion of this study, the student should be able to:

- Identify the characteristics of data center storage devices
- Identify enterprise mainframe networking configurations and hardware components
- Analyze and resolve z/OS and JES2 problems
- Use SDSF to perform advanced systems monitoring tasks
- Create and run a simple REXX and CLIST program

Value of Skills

An advanced level of skills and knowledge relating to z/OS, JES2, SDSF, and JCL are provided through this certificate.

The skills attained ensure that you can analyze and resolve a number of mainframe problems quickly and confidently. REXX and CLIST coding skills are going to be useful in creating programs that are used to speed up tasks. This knowledge is also transferable across several other job roles, such as Production Schedulers, Operations Analysts, and System Programmers.

IBM Skills Badges Attained

- Mainframe Specialist – Disk and Tape Storage – Foundations 3.1
- Mainframe Specialist – z/OS – Expert 3.1
- Mainframe Specialist – Hardware Management Console – Fundamentals
- Mainframe Specialist – JES2 – Expert 3.1
- Mainframe Specialist – SDSF System Management – Experienced 3.1
- Mainframe Specialist – SDSF – Expert 3.1
- Mainframe Specialist – Job Control Language – Expert 3.1
- Mainframe Specialist – z/OS Batch Utilities – Experienced 3.1
- Mainframe Specialist – REXX – Foundations

Approximate number of training hours – 93