



Certificate Level I Details

This certificate validates that the learner has attained a solid foundation in the fundamental concepts of data processing in a z/OS environment and can describe the types of disk and tape storage hardware that they will encounter. They can identify and describe the types of resources that need to be secured in a mainframe environment and how the RACF security software can perform this task.

This person can access core products used on a daily basis by the RACF Administrator for purposes of interacting with RACF (ISPF), submitting batch programs for execution (JCL), and reviewing results (SDSF).

Prerequisites

None.

Job Role

A Mainframe RACF Security Administrator is critical in safeguarding organizational assets, protecting sensitive information, and maintaining the integrity, availability, and confidentiality of critical resources and data within a RACF-protected environment.

On completion of this study, the student should be able to:

- Describe the hardware and software components that are associated with a mainframe environment
- Identify the characteristics of data center storage devices
- Explain how ISPF and SDSF are accessed and configured in a z/OS environment
- Code simple JCL statements
- Describe how RACF protects resources
- Describe how RACF uses profiles to define and control access to resources

Value of Skills

An introductory level of skills and knowledge relating to z/OS, ISPF, SDSF, JCL, and RACF is introduced through this certificate and is vital in providing a solid background on the environment and tools used by the RACF Administrator in a z/OS environment.

This knowledge is also transferable across several other job roles, such as Production Schedulers, Operations staff, and System Programmers.

IBM Skills Badges Attained

- Mainframe Specialist – IBM Mainframe Environment – Foundations 3.1
- Mainframe Specialist – Parallel Sysplex – Foundations 3.1
- Mainframe Specialist – Disk and Tape Storage – Foundations 3.1
- Mainframe Specialist – Mainframe Security – Foundations z/OS 3.1
- Mainframe Specialist – TSO/ISPF – Foundations 3.1
- Mainframe Specialist – SDSF – Foundations 3.1
- Mainframe Specialist – Job Control Language – Foundations 3.1

Approximate number of training hours – 62



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- Interskill Skills Assessments
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- Interskill Simulations
- Interskill Video
- IBM Skills Badges
- IBM Professional Certificate

Branch indicates that courses can be undertaken in any order, but all need to be completed