

IBM Mainframe RACF Security Administrator Certificate

OEM: IBM • Duration: 3 Days (24 hrs) • Code: IBM-RACF

COURSE MODULES & TOPICS

Mainframe Security Foundations

- Mainframe security landscape overview
- z/OS security architecture
- Introduction to RACF concepts
- Types of resources requiring security protection

RACF — Defining and Managing Users

- User profiles and password management
- Authentication methods
- User group assignment and administration
- RACF administrative delegation

RACF — Managing Groups and Administrative Authorities

- Group structures and hierarchies
- Administrative authorities and authority delegation
- Connect and remove users from groups

RACF — Protecting Data Sets

- Dataset profiles and access lists
- Universal access (UACC) settings
- Generic and discrete profiles
- Conditional access control

RACF — Protecting General Resources

- RACF general resource classes
- General resource profiles and access control
- Protecting terminals, programs, and transactions

RACF — Managing Digital Certificates

- PKI concepts and certificate management in RACF
- Defining and managing key rings
- Signing and importing certificates

RACF — RACF and z/OS UNIX

- UNIX security integration with RACF
- UID/GID assignment and OMVS segment
- Protecting z/OS UNIX resources (HFS, files, directories)

Advanced Topics (Level II)

- IBM MQ security with RACF
- CICS TS and Db2 security integration
- Network security (TCP/IP, SNA)
- Advanced digital certificates and PKI infrastructure
- Auditing and compliance reporting