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Exploiting the Advanced Features of RACF  
Information

**Length:** 32.0 Hours  
**Ref:** ES88G □  
**Delivery method:** Classroom  
**Price:** AUD

Overview

This course teaches you how to implement some of the advanced facilities available in RACF. Through a combination of classroom lecture and hands-on lab exercises, you will learn how to establish an RRSF environment, including using RRSF facilities to administer security of remote RACF databases from a single centralized location, allowing users to synchronize password changes among several associated userids, using RRSF facilities to automatically maintain synchronization of two or more separate RACF databases. Other major functions that you will study include RACF sysplex data sharing and sysplex communication, RACF support for z/OS UNIX, DB2 security using RACF, Network Job Entry (NJE) security, operator commands, program control and backup, recovery of the RACF database, PassTickets, digital certificates and program signature.

Public

This intermediate course is for Security personnel and RACF support personnel responsible for implementing RACF, administering RACF, or both.

Prerequisites

You should have:

- RACF administration skills (obtained by attending *Effective RACF Administration BE87* **or** *Basics of z/OS RACF Administration ES19*), **or** equivalent experience.

Topics

Day 1

- Welcome
- Unit 1 - Introduction to RRSF Exercises 1-4
- Exercise 1 - Defining RRSF nodes
- Exercise 2 - Directed commands and password and passphrase synchronization
- Exercise 3 - Remote administration
- Exercise 4 - Automatic command and password direction

## Day 2

- Exercises 1-4 review
- Unit 2 - RACF sysplex support Unit 3 - RACF security for DB2
- Exercise 5 - Operator command security Unit 4 - Command and console security

## Day 3

- Unit 5 - RACF support for z/OS UNIX
- Exercises 6-9
- Exercise 6 - Add a z/OS UNIX user
- Exercise 7 - Using the z/OS UNIX shell
- Exercise 8 - Using the USS ISPF shell and ISPF 3.17 Udlist function
- Exercise 9 - Access control lists (ACLs)

## Day 4

- Exercises 6-9 review
- Unit 6 - Controlling network job entry
- Unit 7 - Backup and recovery of the RACF database Unit 8 - Program control
- Unit 9 - PassTickets
- Unit 10 - Digital certificates
- Unit 11 - Program signing and verification