Db2 12 for z/OS Introduction to System Administration

Starting, stopping, and accessing Db2
- Starting Db2 as part of the z/OS IPL process
- Data set allocation and APF authorization
- The START DB2 and STOP DB2 commands
- zParms, DSNTIJUZ, and DSNZPARM
- Address spaces
- IRLM and lock storage

Db2 components and processes
- BSDS and logging
- Catalog and directory
- Program preparation and execution
- Transaction execution
- Data sharing in the sysplex

System security
- Protecting Db2 data sets
- Controlling connections to Db2
- Db2 authorization exits
- Trusted context and roles
- Securing an application server

Db2 authorization
- Authorizations
- Controlling access for dynamic and static SQL
- Access control authorization exits
- Distributed security

Program flow for all environments
- Connection types and language interfaces
- Program flow

TSO and batch environments

- TSO
- Utilities

Transaction flow in IMS and CICS (optional)
- Transaction processing
- Thread reuse
- SIGNON exit

CICS - Db2 environment (optional)
- CICS connections to Db2
- DSNC transaction

IMS - Db2 environment (optional)
- IMS-Db2 introduction
- IMS TM
- IMS/DLI batch environment

Distributed - Db2 environment
- Distributed attachment
- Location aliases
- DDF profiling
- Block fetch
- Db2 REST services

Logging
- The Db2 log
- Log commands
- Archiving considerations
- BSDS

Db2 utilities
- Categorization
- DSNJU003 and DSNJU004
- BACKUP and RESTORE SYSTEM

Operations (monitoring and controlling Db2)

- Issuing Db2 commands
- Basic workload controls
- Monitoring and controlling utilities
- DISPLAY commands
- Starting / stopping databases

Recovery
- Planning for recovery
- Table space recovery
- Log considerations
- DISPLAY and SET LOG commands
- Recovery considerations

System recover/restart
- System checkpoints
- System restart after normal shutdown
- Page externalization
- Two-phase commit processing
- System restart after system failure
- Recovery considerations

Java with Db2 (optional)
- Java

Administrative task scheduler (optional)
- Overview
- Routines
- Scheduling features
- Life cycle
- Synchronization
- Commands