IMS Version 10

ON DEMAND BUSINESS

Overview

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Class Agenda

- Day 1 - Morning
  1. Overview
     - Class contents, prerequisites, and migration/coexistence highlights
  2. System Enhancements
     - System definition and execution parameters
     - Enhanced Display of System Parameters
     - VSCR
     - Sysplex serial program management
     - Log record statistics
     - Large sequential data sets
     - System utilities
     - BPE external trace
     - ABEND search and notification

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Class Agenda

- Day 1 - Morning (continued)
    3. Dynamic Resource Definition (DRD)
    4. System Management Enhancements
        - IMSplex-wide parameter support
        - Global status support for DBs, PGMs, and TRANs
        - Type-2 commands
        - Secondary master terminal
    5. Manage Resources
        - ISPF application for use with DRD

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Class Agenda

- Day 1 - Afternoon

  6. Operations Enhancements
     - Operations Manager (OM) enhancements
     - SPOC and REXX enhancements
  7. Online Change enhancements
     - ACBLIB member online change
     - Online Change commit enhancement
  8. Security
     - Mixed-case Passwords
     - Auditing
     - Conversations
     - SMU Removal

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Class Agenda

- Day 2 - Morning
    9. Transaction Manager Enhancements
        - MSC
        - APPC
        - Removal of BTAM support
    10. Database Enhancements
        - Database Utilities
        - Fuzzy User Image Copy support
    11. Fast Path Enhancements
        - Commands
        - Shared VSO
        - Capacity
        - EMH

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Class Agenda

- Day 2 - Morning (continued)

  12. Connectivity Enhancements
      - OTMA
      - IMS Connect

- Day 2 - Afternoon

  13. Integration Suite enhancements
      - IMS TM Resource Adapter
        - IMS Connector for Java
      - IMS SOAP Gateway
      - IMS MFS Web Support
      - IMS DB Resource Adapter
        - IMS JDBC Connector
      - IMS DLIModel utility
      - IMS XML DB

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Class Agenda

- Day 2 - Afternoon (continued)

14. DBRC enhancements
   - Timestamp precision
   - RECON READONLY support
   - API enhancements
   - Parallel RECON Access
   - RECON migration and coexistence

15. Installation and Migration
   - Packaging, Prerequisites, and Coexistence
   - Library Changes
   - IVP enhancements
   - Syntax Checker enhancements
   - KBLA Coexistence
   - Installation and Migration tasks
   - Review of migration considerations previously covered

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Software Prerequisites

- Minimum software level prerequisites
  - z/OS V1R7 (5694-A01)
    - RACF, or equivalent, if security is used
    - High Level Assembler Toolkit (5696-234)
  - IRLM 2.2, if IRLM is used

- Minimum software levels for optional functions:
  - IMS V10 Image Copy 2 and Database Recovery fast replication
    - z/OS V1R8
  - DBRC Parallel RECON Access
    - z/OS DFSMStvs, a separately orderable feature of z/OS

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The minimum level of z/OS for IMS V10 is z/OS V1R7. In addition to z/OS the user must install RACF, or an equivalent security product, in order to use security with IMS V10. As with previous IMS releases, the High Level Assembler Toolkit is required to provide assembler macros that IMS uses. If the IRLM is used, IRLM 2.2 is required. Program Isolation (PI) is also supported with IMS V10. IRLM is required for block level data sharing.

z/OS V1.7 runs on the following IBM System z9 and zSeries servers or equivalents:

- z9-109
- z900
- z990
- z800
- z890

z/OS V1R8 is required if the fast replication function of Image Copy 2 and the Database Recovery utility are used.

DBRC Parallel RECON Access requires z/OS DFSMStvs which is a separately orderable feature of z/OS V1R7 or z/OS V1R8.

Supported Migrations and Coexistence

- IMS V9
  - Upgrade RECONs from IMS V9 to V10
  - Databases are compatible
  - Application programs are compatible

- IMS V8
  - Upgrade RECONs from IMS V8 to V10
  - Databases are compatible
  - Application programs are compatible

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