DFSMS Basics: Storage Reporting using the Report Generator LAB
Part 2

Vickie Dault
IBM Corporation

Friday, August 12, 2011
Session 09233
NOTICES AND DISCLAIMERS

Copyright © 2011 by International Business Machines Corporation.

No part of this document may be reproduced or transmitted in any form without written permission from IBM Corporation.

Product information and data has been reviewed for accuracy as of the date of initial publication. Product information and data is subject to change without notice. This document could include technical inaccuracies or typographical errors. IBM may make improvements and/or changes in the product(s) and/or programs(s) described herein at any time without notice.

References in this document to IBM products, programs, or services does not imply that IBM intends to make such such products, programs or services available in all countries in which IBM operates or does business. Consult your local IBM representative or IBM Business Partner for information about the product and services available in your area.

Any reference to an IBM Program Product in this document is not intended to state or imply that only that program product may be used. Any functionally equivalent program, that does not infringe IBM’s intellectually property rights, may be used instead. It is the user’s responsibility to evaluate and verify the operation of any non-IBM product, program or service.

The information provided in this document is distributed “AS IS” without any warranty, either express or implied. IBM EXPRESSLY DISCLAIMS any warranties of merchantability, fitness for a particular purpose OR NONINFRINGEMENT. IBM shall have no responsibility to update this information. IBM products are warranted according to the terms and conditions of the agreements (e.g., IBM Customer Agreement, Statement of Limited Warranty, International Program License Agreement, etc.) under which they are provided. IBM is not responsible for the performance or interoperability of any non-IBM products discussed herein.

The performance data contained herein was obtained in a controlled, isolated environment. Actual results that may be obtained in other operating environments may vary significantly. While IBM has reviewed each item for accuracy in a specific situation, there is no guarantee that the same or similar results will be obtained elsewhere.

The responsibility for use of this information or the implementation of any of these techniques is a customer responsibility and depends on the customer’s or user's ability to evaluate and integrate them into their operating environment. Customers or users attempting to adapt these techniques to their own environments do so at their own risk. IN NO EVENT SHALL IBM BE LIABLE FOR ANY DAMAGE ARISING FROM THE USE OF THIS INFORMATION, INCLUDING BUT NOT LIMITED TO, LOSS OF DATA, BUSINESS INTERRUPTION, LOSS OF PROFIT OR LOSS OF OPPORTUNITY.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not necessarily tested those products in connection with this publication and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

The provision of the information contained herein is not intended to, and does not, grant any right or license under any IBM patents or copyrights. Inquiries regarding patent or copyright licenses should be made, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
USA
Trademarks

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both:

- DFSMS
- DFSMSdfp
- DFSMSdss
- DFSMShsm
- DFSMSrmm

- DFSORT
- IBM
- RACF
- TotalStorage
- z/OS

Other company, product or service names may be trademarks or service marks of others.
Agenda

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both:

- Logon to the RMM Report Generator
  - Userid  SHARAx
  - Password  firstpw

- Understanding your profile
- Report definitions
  - DCOLLECT
  - FSR & WWFSR HSM records
  - RMM Report Extract
- Generating a Report
- Report JCL
- Submitting a Report
- Customizing a Report
RMM ISPF Dialog and the Report Generator

- After logging on to TSO/ISPF, invoke the RMM ISPF Dialog or ISMF
  - RMM TSO RMMEXEC
  - ISMF ISMF

- Enter the Report Generator
- Setup your profile
  - Option 0 Options
  - Option 1 User
    - Set the date format
    - Enter your JOBCARD Information
- Choose Your Report
Producing a Report

- Choose a Report you’d like to produce

- GENERATE

  - DCOLLECT
    - SHARAxx.DCOLLECT.DATA
    - Date format YYYYDDD
    - Reformat NOT REQUIRED ‘n’ in Create Report Data

  - FSR, WWFSR
    - SHARAxx.HSMFSR.DATA
    - Date format YYYYDDD
    - Reformat REQUIRED ‘y’ in Create report data
    - INPUT Dataset in Skeleton Variable 2 x’F1’ in Skeleton Variable 1
    - Output Dataset in Input Dataset

  - RMM REPORT EXTRACT
    - SHARAxx.RMM.RETRACT.DATA
    - Date format Julian
    - Extract NOT REQUIRED
    - INPUT in ‘input dataset’
Submit Batch JOB

- Use SDSF to look at OUTPUT
- Enter ? In INPUT selection field in OUTPUT Queue
- Review DDNAME OUTDD for Report Results
Customize Report

• In the REPORT Generator, Select REPORT

• REARRANGE FIELDS
  • Overtype CO field
  • Prioritize sorting
  • Group report output

• CHANGE COLUMN HEADERS
  • Change column header text and Column Width

• FILTER
  • Select field
  • Change Operator, Compare Values
  • Use Conjunction Operators

• REGENERATE and RESUBMIT; review with SDSF; repeat
Summary

- Upon Completion of this lab, you should be able to produce a report using:
  - DCOLLECT
  - HSM FSR & WWFSR
  - RMM REPORT EXTRACT data

- You should be able to customize a report using the report Generator by:
  - Including only those fields you are interested in seeing
  - Using selection criteria to filter the report to include records that match your needs
  - Adjust the report output