Session Title: OMEGAMON XE for Storage and RMM Reporting

Session ID: 17548
Thursday August 13, 2015 08:30 am

Speaker Name: Vickie Dault

eMail vdault@us.ibm.com

CELEBRATING 60 YEARS OF SHARE Influencing IT Since 1955

#SHAREorg

SHARE is an independent volunteer-run information technology association that provides **education**, professional **networking** and industry **influence.**

Copyright (c) 2015 by SHARE Inc. Except where otherwise noted, this work is licensed under http://creativecommons.org/licenses/by-nc-sa/3.0/

Trademarks

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

Not all common law marks used by IBM are listed on this page. Failure of a mark to appear does not mean that IBM does not use the mark nor does it mean that the product is not actively marketed or is not significant within its relevant market.

Those trademarks followed by ® are registered trademarks of IBM in the United States; all others are trademarks or common law marks of IBM in the United States.

For a complete list of IBM Trademarks, see www.ibm.com/legal/copytrade.shtml:

*, AS/400®, e business(logo)®, DBE, ESCO, eServer, FICON, IBM®, IBM (logo)®, iSeries®, MVS, OS/390®, pSeries®, RS/6000®, S/30, VM/ESA®, VSE/ESA, WebSphere®, xSeries®, z/OS®, zSeries®, z/VM®, System i, System i5, System p, System p5, System x, System z, System z9®, BladeCenter®

The following are trademarks or registered trademarks of other companies.

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.
Cell Broadband Engine is a trademark of Sony Computer Entertainment, Inc. in the United States, other countries, or both and is used under license there from.
Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.
Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.
UNIX is a registered trademark of The Open Group in the United States and other countries.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
ITIL is a registered trademark, and a registered community trademark of the Office of Government Commerce, and is registered in the U.S. Patent and Trademark Office.
IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency, which is now part of the Office of Government Commerce.

* All other products may be trademarks or registered trademarks of their respective companies.

Notes:

Performance is in Internal Throughput Rate (ITR) ratio based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput improvements equivalent to the performance ratios stated here.

IBM hardware products are manufactured from new parts, or new and serviceable used parts. Regardless, our warranty terms apply.

All customer examples cited or described in this presentation are presented as illustrations of the manner in which some customers have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics will vary depending on individual customer configurations and conditions.

This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. Consult your local IBM business contact for information on the product or services available in your area.

All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

Information about non-IBM products is obtained from the manufacturers of those products or their published announcements. IBM has not tested those products and cannot confirm the 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.

Prices subject to change without notice. Contact your IBM representative or Business Partner for the most current pricing in your geography.

OMEGAMON XE for Storage RMM Reporting and Improvements in Version 5.3.0

Agenda

V5.3.0 Improvements Refresher

Tape management status

- RMM Reporting
- BATCH scheduling your RMM Reports

RFEs

- Dataset Attributes Collector Performance Improvements
- Dataset Attributes Group Summary enhanced filtering

V5.3.0 Improvements

A Refresher

V5.3.0 Improvements

V5.3.0 Announcement Letter 214-272 July 15,2014

Highlights:

Near Term History in e3270ui

DAGX Dataset Group Summary Extractor to put collection subsets
into z/OS datasets

Enhancements to configuration Controls for performance improvements
Additional PARMGEN Controls

Significant Performance Improvements in Cache CU and LSPACE collections

Enhanced Enhanced E3270UI integration

V5.3.0 Improvements

V5.3.0 Significant PTFs

Highlights:

Near Term History in e3270ui

DAGX Dataset Group Summary Extractor

Enhancements to Parms via PARMGEN to reduce overhead

Significant Improvements in performance overhead

V5.3.0 Improvements *NEW PTFs*

V5.3.0 Significant PTFs

•OA47792 / UA77552	RFE 69368 (Add the Creation date and last reference date to the properties of the **Dataset Attribute Group Details**) prior to this PTF only Days Since Created and Days Since referenced appeared in the rows.
OA47842 / UA78033	RFE 62444 (includes RFEs 61980, 61975 7 61974) Dataset Attributes Group Summary Attributes Tab Improvements. All Attributes in the Properties Tab may now be filtered.
•OA47198 / UA77612	Dataset Attributes Collector Performance Improvements - multi volume datasets. The performance improvements vary depending on how many multi volume datasets compared to Total Datasets you have in your environment.

V5.3.0 Improvements

Dataset Attributes Group Summary Properties Tab

Attributes

Are

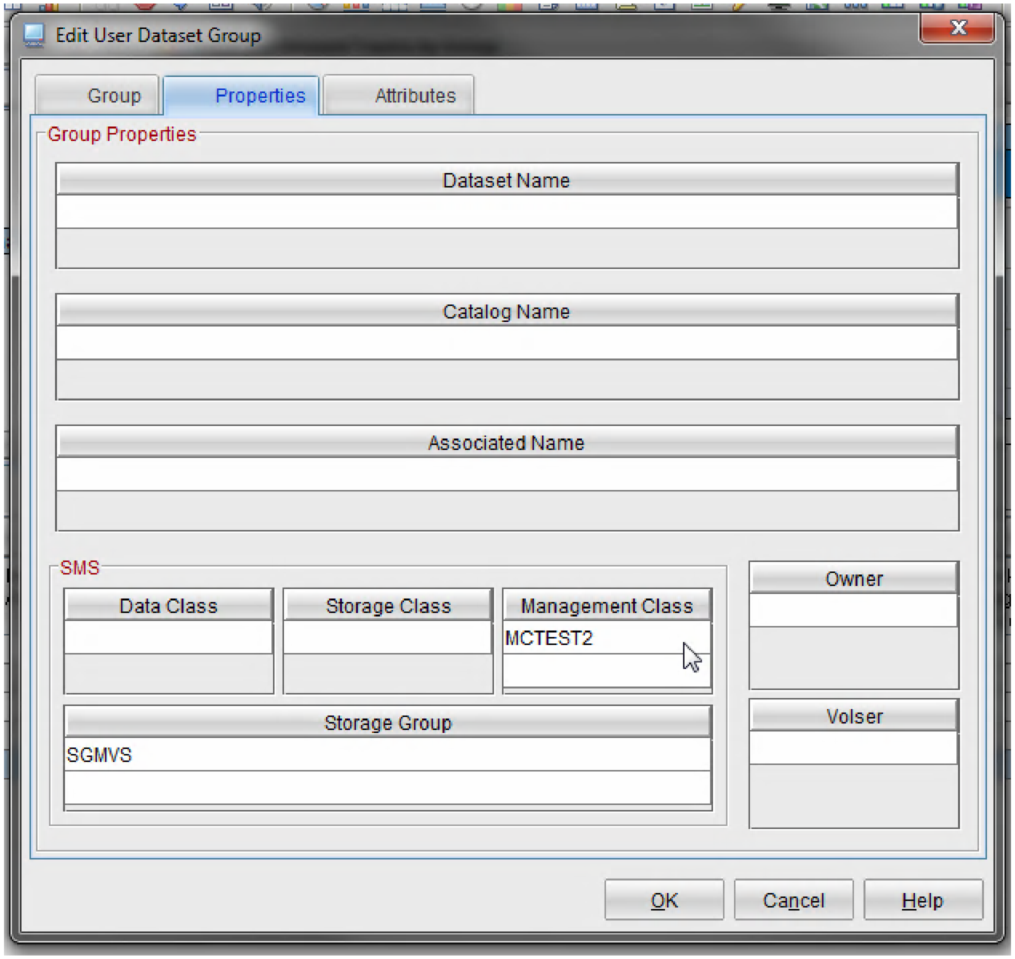
ANDed

All of the datasets in this Storage Group

AND

All Datasets with MGTCLAS=

MCTEST2

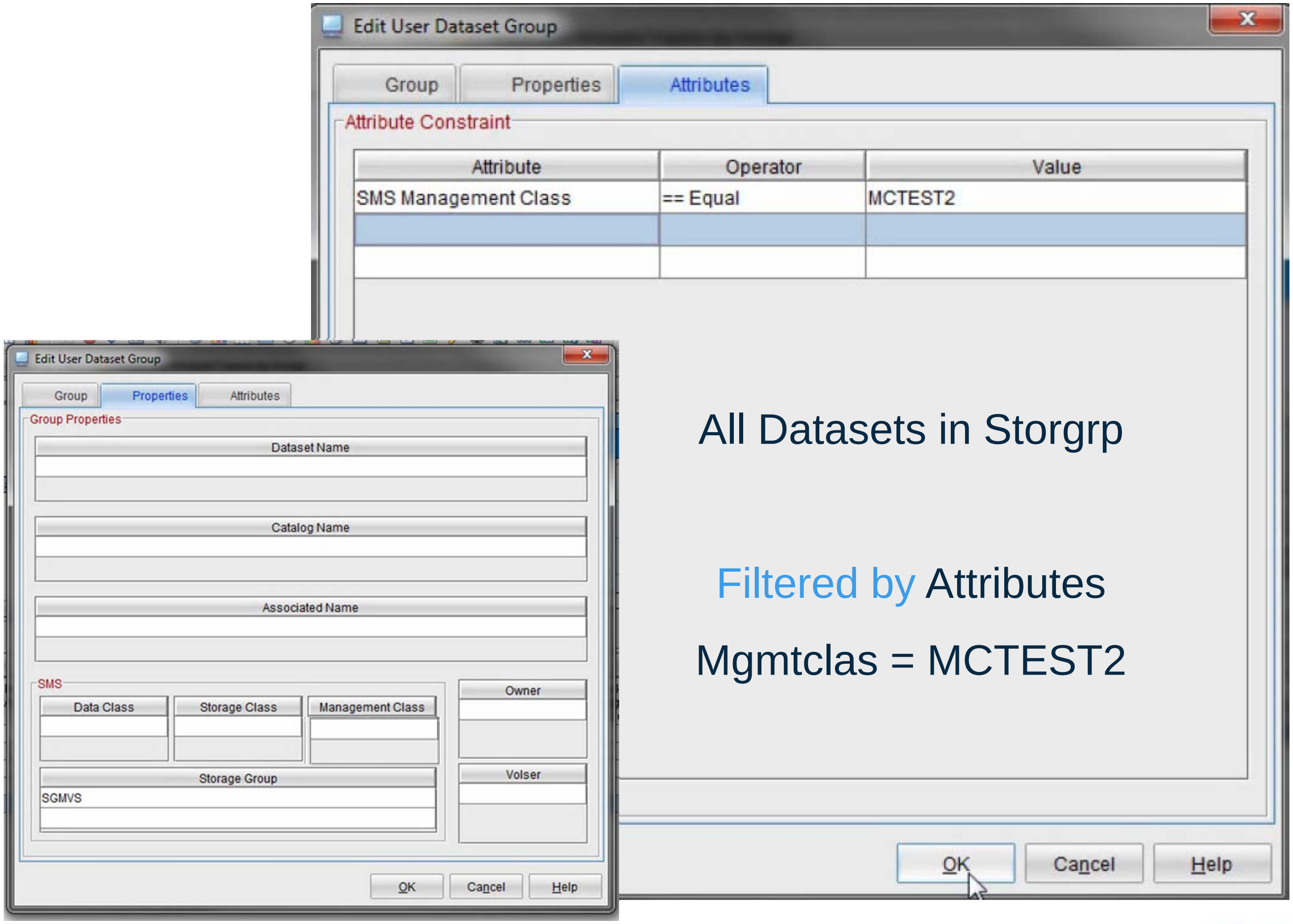

Edit User Dataset Group
Group
Properties
Attributes
Group Properties
Dataset Name
Catalog Name
Associated Name
SMS
Data Class
Storage Class
Owner
Volser
OK
Cancel
Help

Management Class: MCTEST2

Storage Group: SGMVS

V5.3.0 Improvements

Dataset Attributes Group Summary Attributes Tab


Edit User Dataset Group
Group
Properties
Attributes
Attribute Constraint
Group Properties
Dataset Name
Catalog Name
Associated Name
SMS
Data Class
Storage Class
Management Class
Owner
Volser
Storage Group
OK
Cancel
Help

Attribute	Operator	Value
SMS Management Class	== Equal	MCTEST2

Storage Group: SGMVS

All Datasets in Storgrp

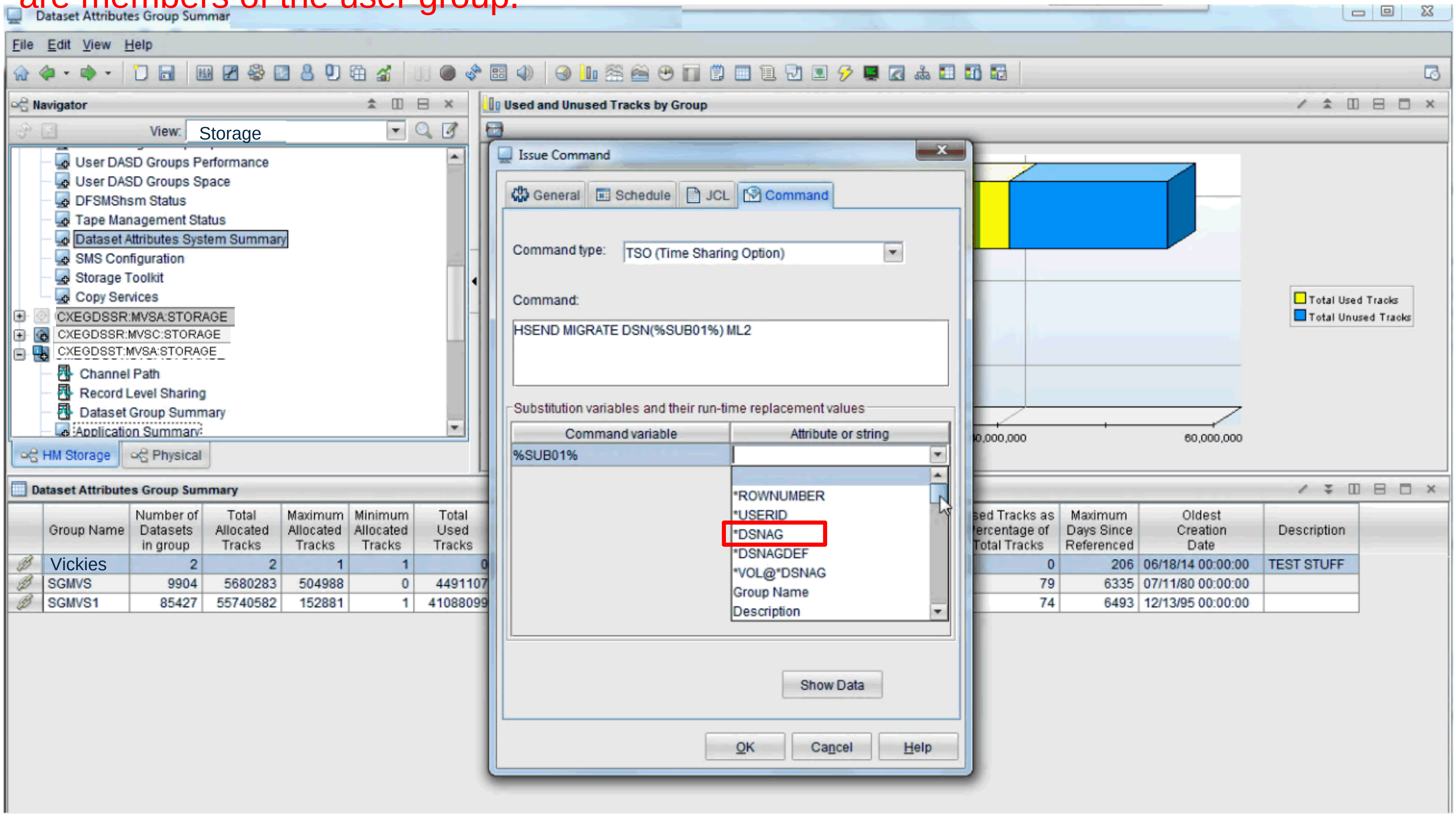
Filtered by Attributes

Mgmtclas = MCTEST2

V5.3.0 Improvements

Dataset Attributes Group Summary Filtered Results

The attribute *DSNAG resolves to the dataset name for the underlying rows which are members of the user group.


Dataset Attributes Group Summar
File Edit View Help
Navigator
View: Storage
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
Tape Management Status
Dataset Attributes System Summary
SMS Configuration
Storage Toolkit
Copy Services
CXEGDSSR:MVSA:STORAGE
CXEGDSSR:MVSC:STORAGE
CXEGDSST:MVSA:STORAGE
Channel Path
Record Level Sharing
Dataset Group Summary
Application Summary
HM Storage
Physical
Used and Unused Tracks by Group
Total Used Tracks
Total Unused Tracks
0,000,000
60,000,000
Issue Command
General
Schedule
JCL
Command
Show Data
OK
Cancel
Help

Command type: TSO (Time Sharing Option)

Command:

```
HSEND MIGRATE DSN(%SUB01%) ML2
```

Substitution variables and their run-time replacement values

Command variable	Attribute or string
%SUB01%	

*ROWNUMBER
*USERID
*DSNAG
*DSNAGDEF
*VOL@*DSNAG
Group Name
Description

Dataset Attributes Group Summary

Group Name	Number of Datasets in group	Total Allocated Tracks	Maximum Allocated Tracks	Minimum Allocated Tracks	Total Used Tracks
Vickies	2	2	1	1	0
SGMVS	9904	5680283	504988	0	4491107
SGMVS1	85427	55740582	152881	1	41088099

sed Tracks as ercentage of Total Tracks	Maximum Days Since Referenced	Oldest Creation Date	Description
0	206	06/18/14 00:00:00	TEST STUFF
79	6335	07/11/80 00:00:00	
74	6493	12/13/95 00:00:00	

Tape management Status

OMEGAMON XE for Storage - Tape management

NEW with Version 5.20

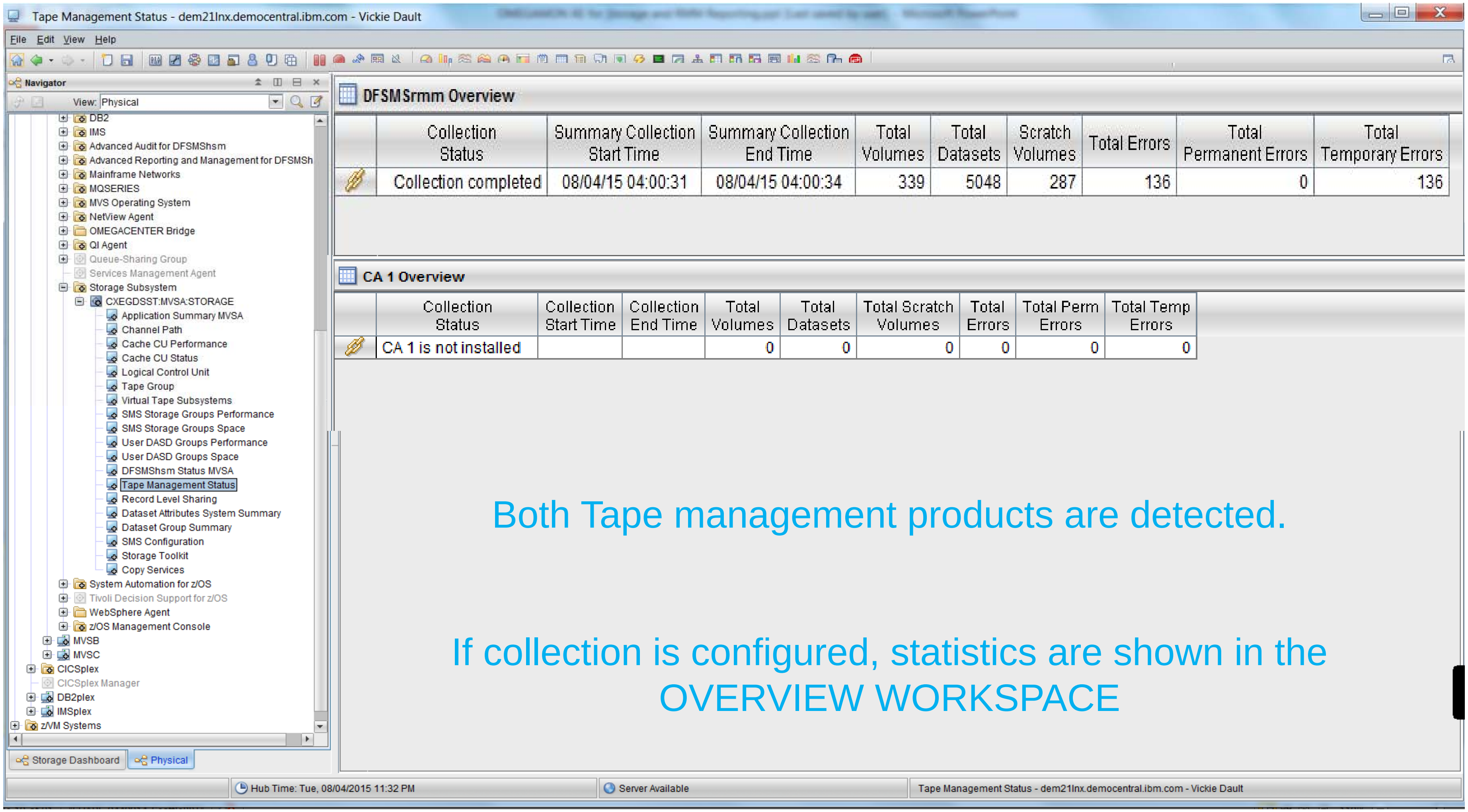
Computer Associates CA1 Tape management Monitoring

IBM DFSMSrmm Tape management Monitoring

A walk through the workspaces

Similar information is available with the CA1 Collection

OMEGAMON XE for Storage - Tape management


Tape Management Status - dem21lnx.democentral.ibm.com - Vickie Dault
File
Edit
View
Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMSh
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
Copy Services
System Automation for z/OS
Tivoli Decision Support for z/OS
WebSphere Agent
z/OS Management Console
MVSB
MVSC
CICSplex
CICSplex Manager
DB2plex
IMSplex
z/VM Systems
Storage Dashboard
Physical
Hub Time: Tue, 08/04/2015 11:32 PM
Server Available
Tape Management Status - dem21lnx.democentral.ibm.com - Vickie Dault

DFSMSrmm Overview

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
	Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	287	136	0	136

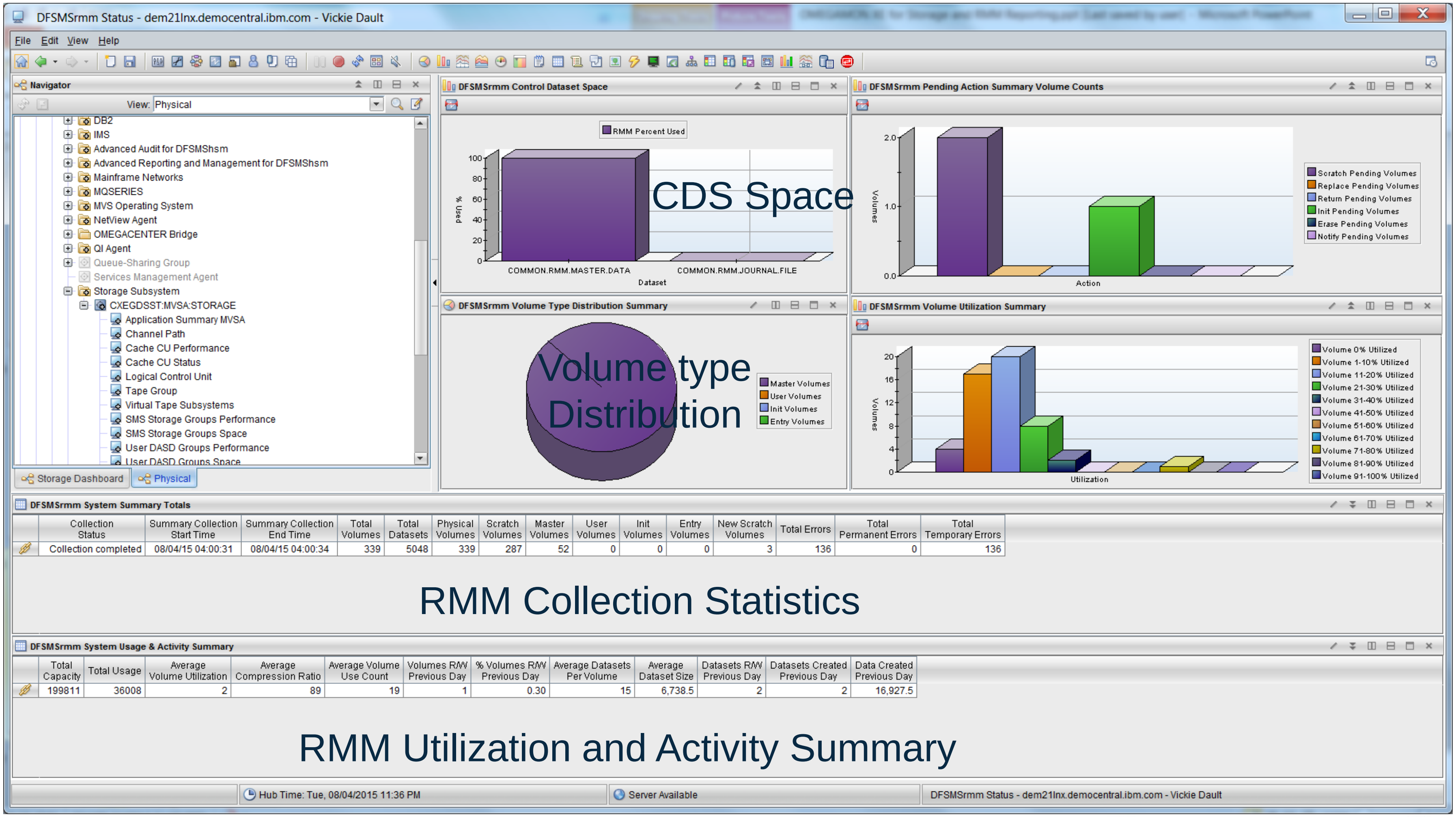
CA 1 Overview

	Collection Status	Collection Start Time	Collection End Time	Total Volumes	Total Datasets	Total Scratch Volumes	Total Errors	Total Perm Errors	Total Temp Errors
	CA 1 is not installed			0	0	0	0	0	0

Both Tape management products are detected.

If collection is configured, statistics are shown in the OVERVIEW WORKSPACE

OMEGAMON XE for Storage – RMM Status


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMShsm
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
Storage Dashboard
Physical
DFSMSrmm Control Dataset Space
RMM Percent Used
% Used
100
80
60
40
20
0
COMMON.RMM.MASTER.DATA
COMMON.RMM.JOURNAL.FILE
Dataset
DFSMSrmm Pending Action Summary Volume Counts
Volumes
2.0
1.0
0.0
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
DFSMSrmm Volume Type Distribution Summary
Master Volumes
User Volumes
Init Volumes
Entry Volumes
DFSMSrmm Volume Utilization Summary
Volumes
20
16
12
8
4
0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
Hub Time: Tue, 08/04/2015 11:36 PM
Server Available
DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault

CDS Space

Volume type Distribution

DFSMSrmm System Summary Totals

Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	339	287	52	0	0	0	3	136	0	136

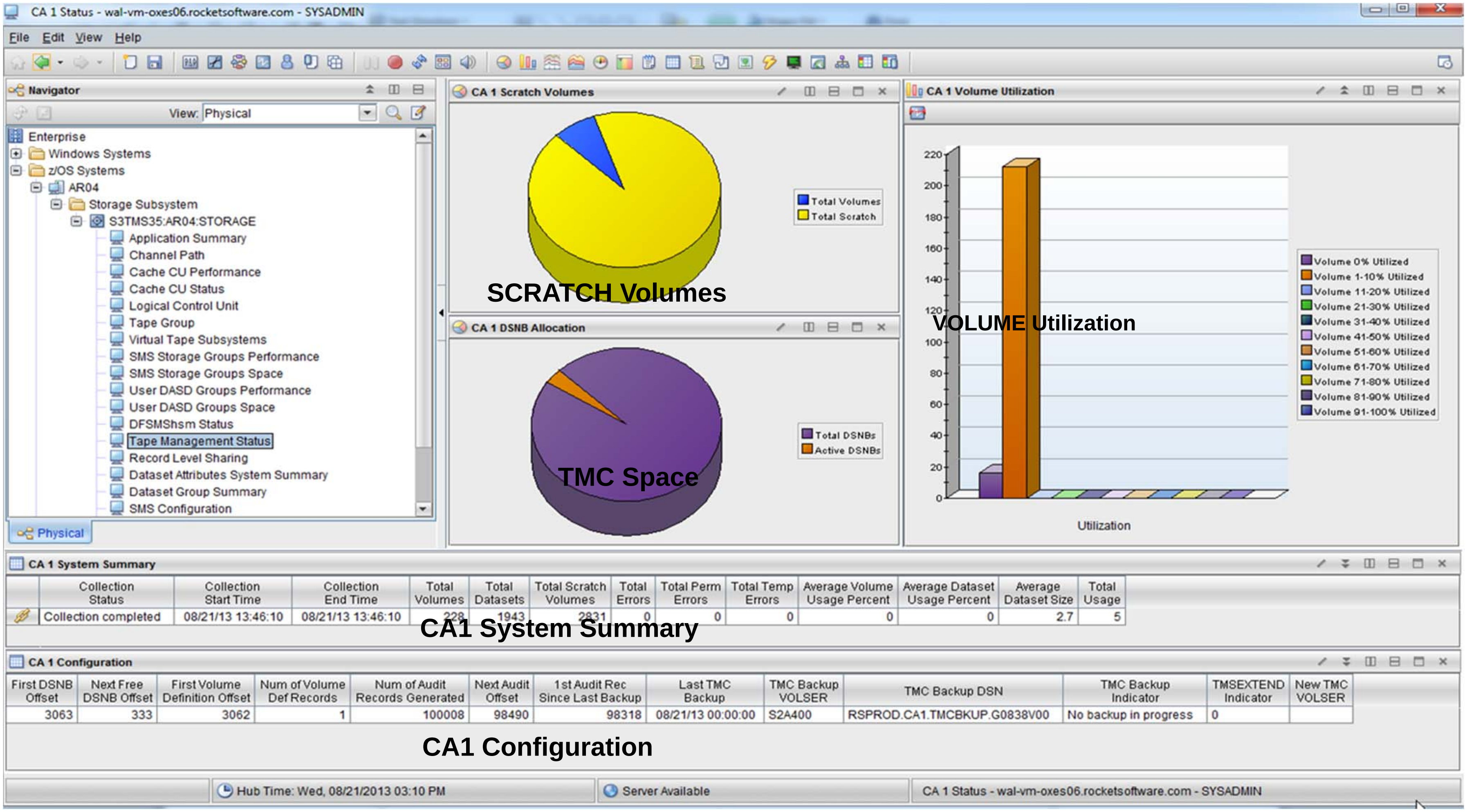
RMM Collection Statistics

DFSMSrmm System Usage & Activity Summary

Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Volumes R/W Previous Day	% Volumes R/W Previous Day	Average Datasets Per Volume	Average Dataset Size	Datasets R/W Previous Day	Datasets Created Previous Day	Data Created Previous Day
199811	36008	2	89	19	1	0.30	15	6,738.5	2	2	16,927.5

RMM Utilization and Activity Summary

OMEGAMON XE for Storage – CA1 Status


CA 1 Status - wal-vm-oxes06.rocketsoftware.com - SYSADMIN
File Edit View Help
Navigator
View: Physical
Enterprise
Windows Systems
z/OS Systems
AR04
Storage Subsystem
S3TMS35:AR04:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
Tape Management Status
Record Level Sharing
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Physical
CA 1 Scratch Volumes
Total Volumes
Total Scratch
CA 1 DSNB Allocation
Total DSNBs
Active DSNBs
CA 1 Volume Utilization
220
200
180
160
140
120
100
80
60
40
20
0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
CA 1 System Summary
CA 1 Configuration
Hub Time: Wed, 08/21/2013 03:10 PM
Server Available
CA 1 Status - wal-vm-oxes06.rocketsoftware.com - SYSADMIN

SCRATCH Volumes

TMC Space

VOLUME Utilization

CA 1 System Summary

	Collection Status	Collection Start Time	Collection End Time	Total Volumes	Total Datasets	Total Scratch Volumes	Total Errors	Total Perm Errors	Total Temp Errors	Average Volume Usage Percent	Average Dataset Usage Percent	Average Dataset Size	Total Usage
	Collection completed	08/21/13 13:46:10	08/21/13 13:46:10	228	1943	2831	0	0	0	0	0	2.7	5

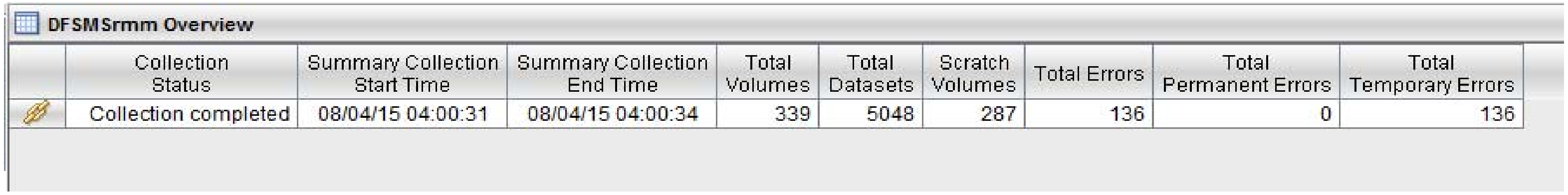
CA1 System Summary

CA 1 Configuration

First DSNB Offset	Next Free DSNB Offset	First Volume Definition Offset	Num of Volume Def Records	Num of Audit Records Generated	Next Audit Offset	1st Audit Rec Since Last Backup	Last TMC Backup	TMC Backup VOLSER	TMC Backup DSN	TMC Backup Indicator	TMSEXTEND Indicator	New TMC VOLSER
3063	333	3062	1	100008	98490	98318	08/21/13 00:00:00	S2A400	RSPROD.CA1.TMCBKUP.G0838V00	No backup in progress	0	

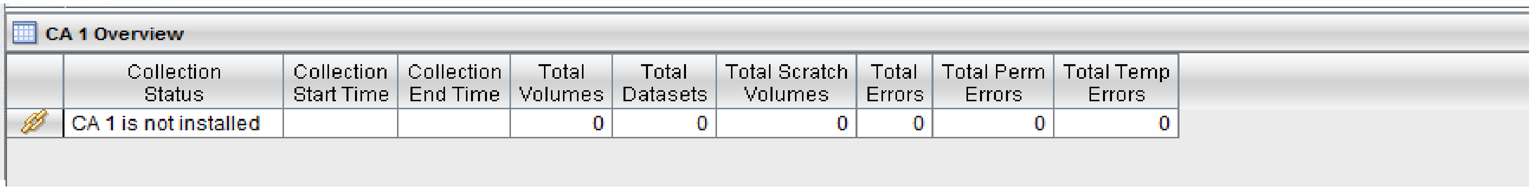
CA1 Configuration

OMEGAMON XE for Storage - Tape management



DFSMSrmm Overview

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
	Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	287	136	0	136



CA 1 Overview

	Collection Status	Collection Start Time	Collection End Time	Total Volumes	Total Datasets	Total Scratch Volumes	Total Errors	Total Perm Errors	Total Temp Errors
	CA 1 is not installed			0	0	0	0	0	0

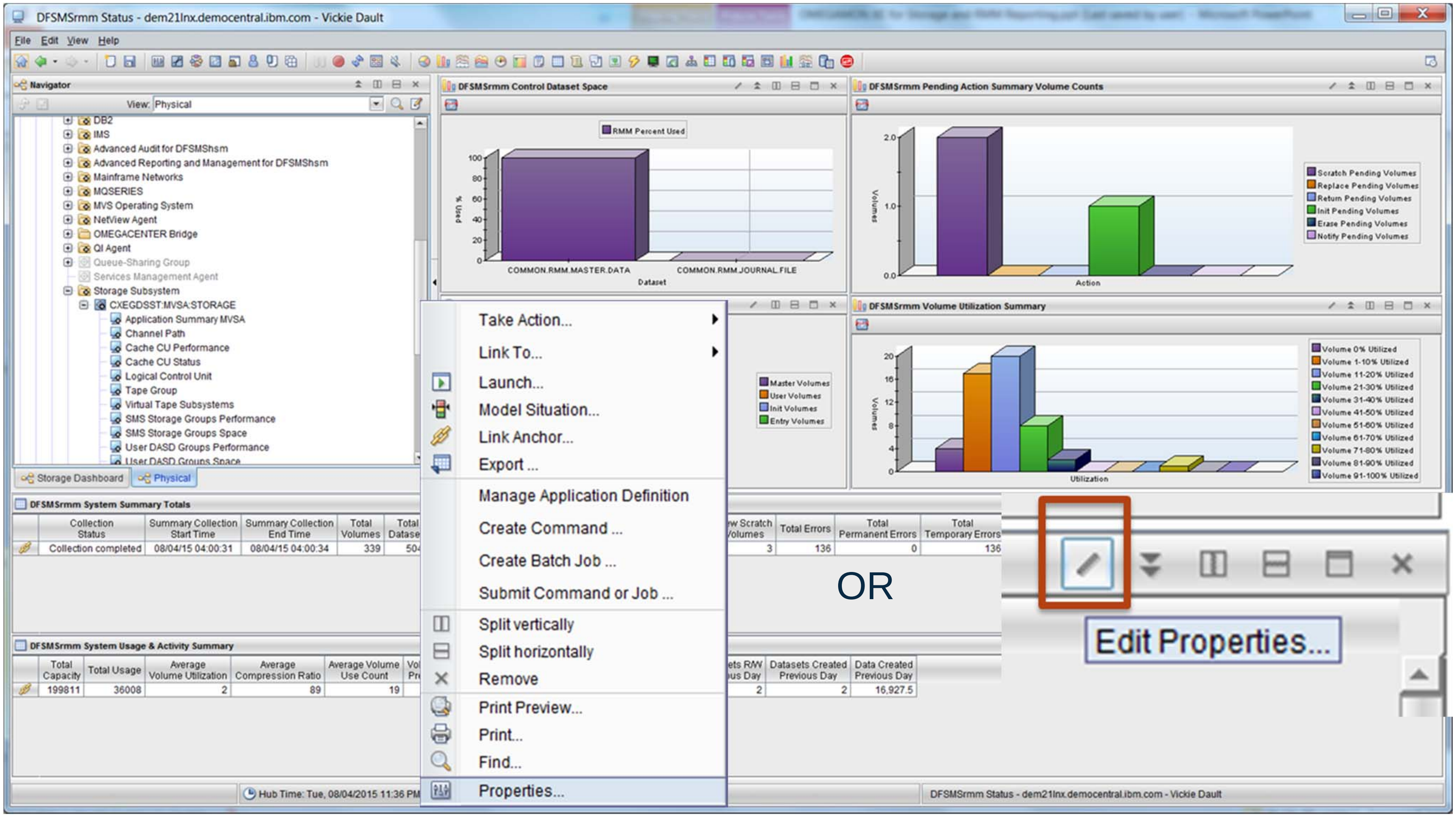
Recommendation

Navigate to the Status Primary workspace for *your* Tape Management subsystem

then

Adjust DEFAULT Workspace for this navigator item to your Tape Management Subsystem

OMEGAMON XE for Storage - Tape management


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMShsm
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
Storage Dashboard
Physical
DFSMSrmm Control Dataset Space
RMM Percent Used
% Used
100
80
60
40
20
0
COMMON.RMM.MASTER.DATA
COMMON.RMM.JOURNAL.FILE
Dataset
DFSMSrmm Pending Action Summary Volume Counts
2.0
1.0
0.0
Volumes
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
Master Volumes
User Volumes
Init Volumes
Entry Volumes
DFSMSrmm Volume Utilization Summary
20
16
12
8
4
0
Volumes
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
Manage Application Definition
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
Edit Properties...
Hub Time: Tue, 08/04/2015 11:36 PM
DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault

OR

DFSMSrmm System Summary Totals

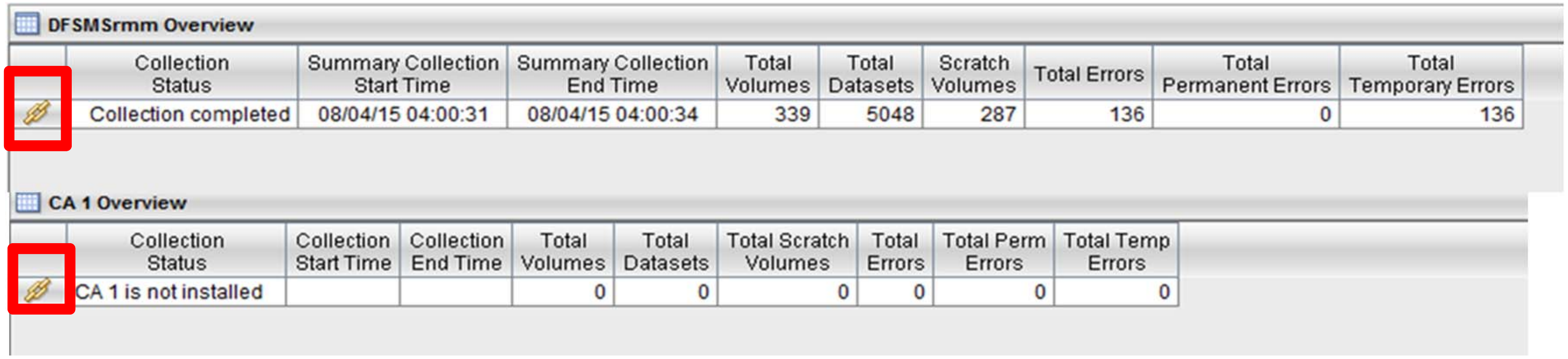
Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datase	w Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	504	3	136	0	136

DFSMSrmm System Usage & Activity Summary

Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Vol Pr	ets R/W us Day	Datasets Created Previous Day	Data Created Previous Day
199811	36008	2	89	19		2	2	16,927.5

OMEGAMON XE for Storage –

select your Tape Management Subsystem by choosing the Link to the Status

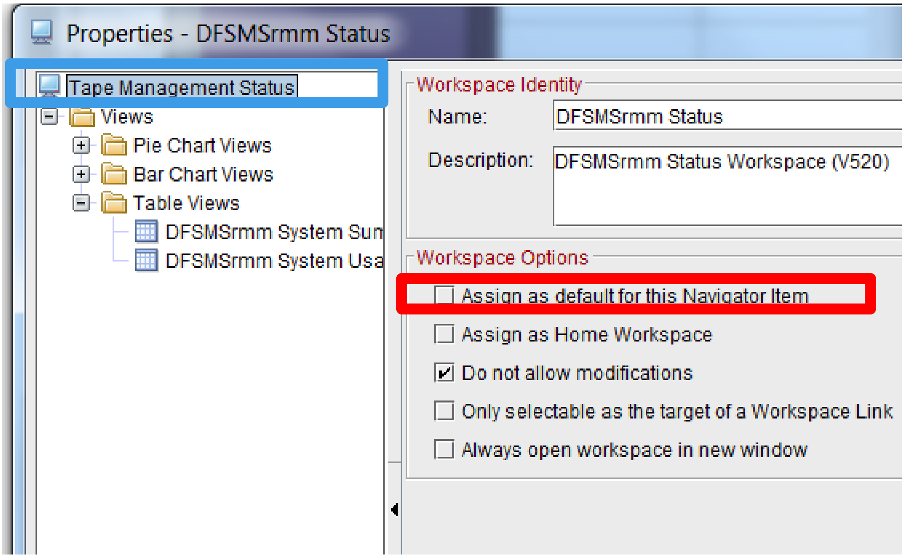


DFSMSrmm Overview

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
🔗	Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	287	136	0	136

CA 1 Overview

	Collection Status	Collection Start Time	Collection End Time	Total Volumes	Total Datasets	Total Scratch Volumes	Total Errors	Total Perm Errors	Total Temp Errors
🔗	CA 1 is not installed			0	0	0	0	0	0



Properties - DFSMSrmm Status

- Tape Management Status
  - Views
    - Pie Chart Views
    - Bar Chart Views
    - Table Views
      - DFSMSrmm System Sun
      - DFSMSrmm System Usa

Workspace Identity

Name: DFSMSrmm Status

Description: DFSMSrmm Status Workspace (V520)

Workspace Options

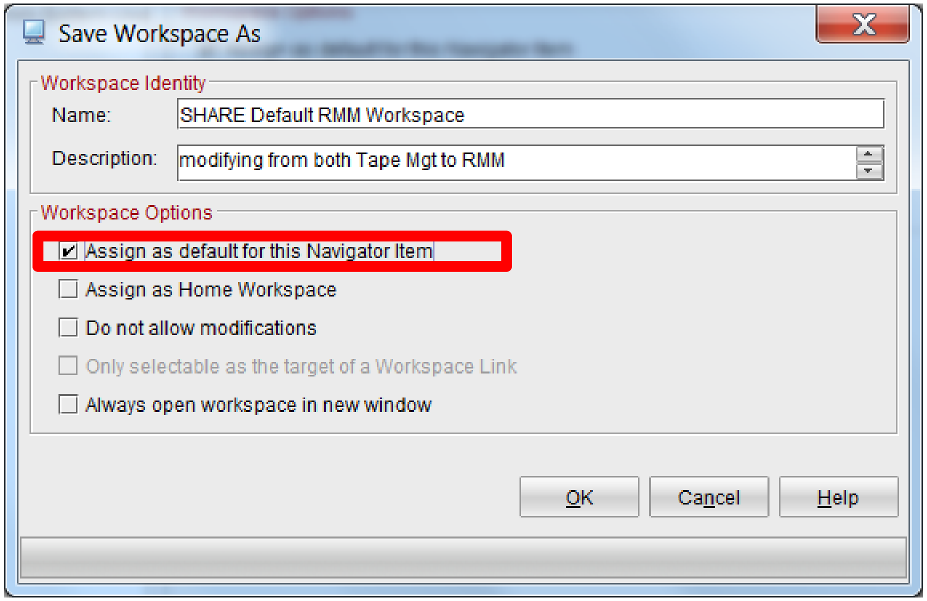
☐ Assign as default for this Navigator Item

☐ Assign as Home Workspace

☑ Do not allow modifications

☐ Only selectable as the target of a Workspace Link

☐ Always open workspace in new window



Save Workspace As

Workspace Identity

Name: SHARE Default RMM Workspace

Description: modifying from both Tape Mgt to RMM

Workspace Options

☑ Assign as default for this Navigator Item

☐ Assign as Home Workspace

☐ Do not allow modifications

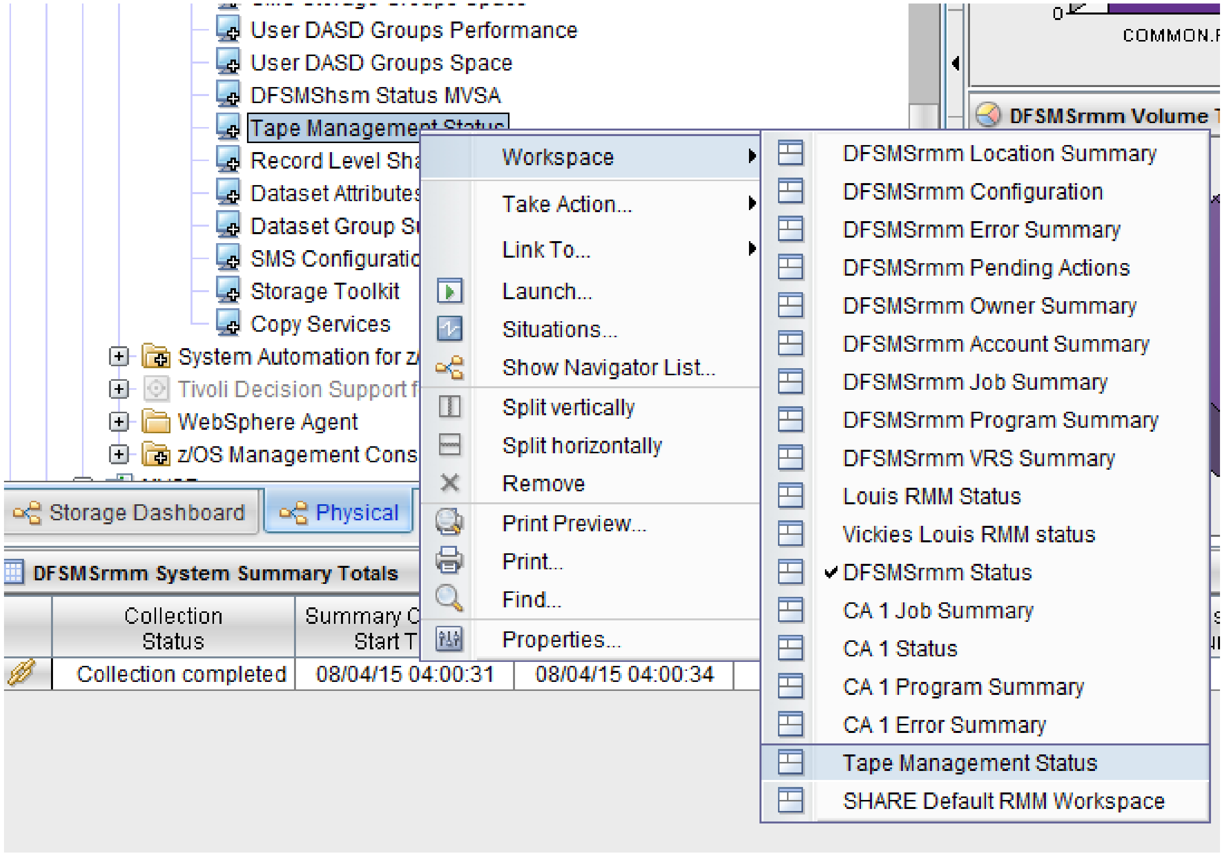
☐ Only selectable as the target of a Workspace Link

☐ Always open workspace in new window

Choose Workspace properties

OMEGAMON XE for Storage –

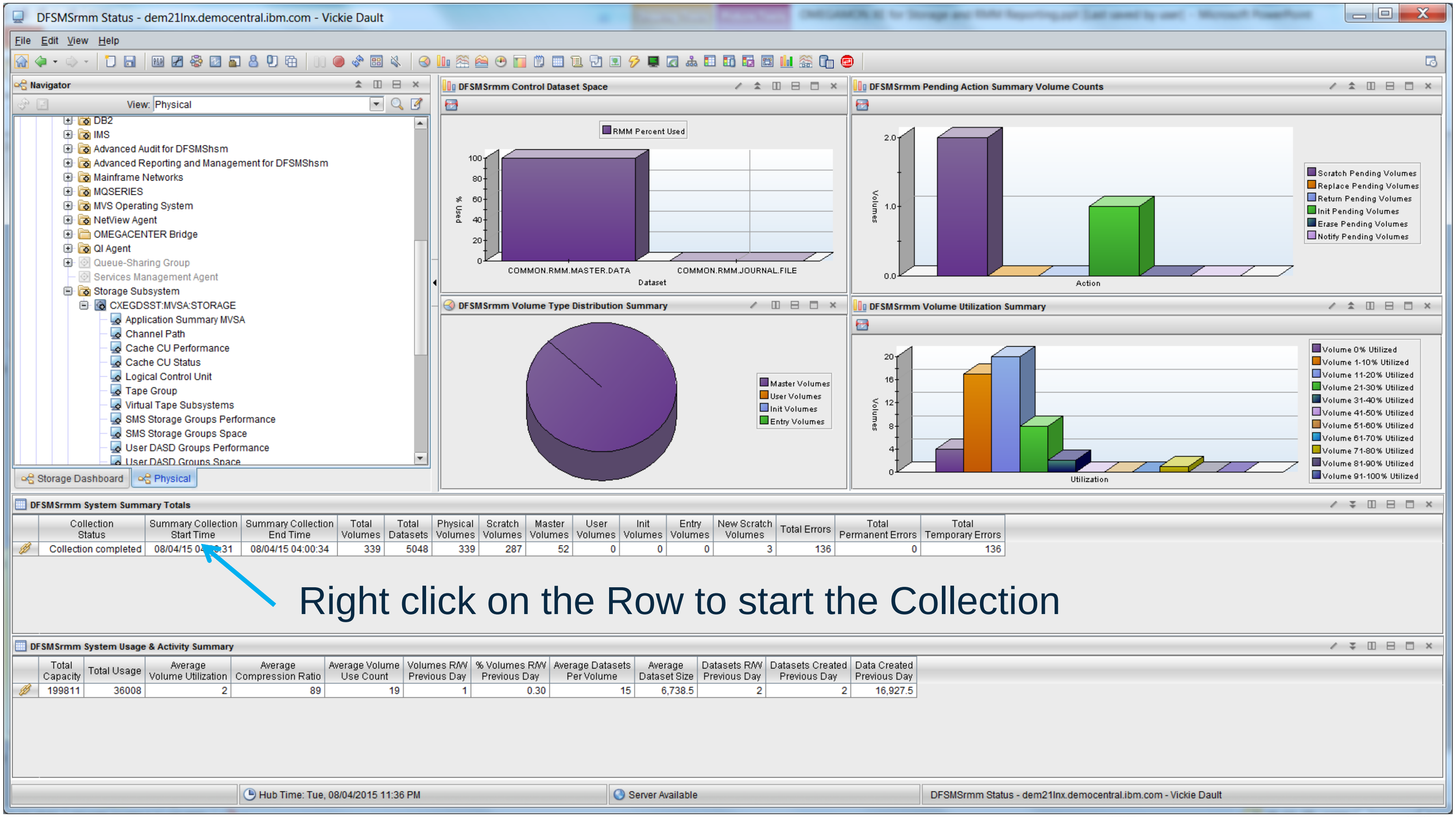
select your Tape Management Subsystem by choosing the Link to the Status


User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sha
Dataset Attributes
Dataset Group S
SMS Configuratio
Storage Toolkit
Copy Services
System Automation for z
Tivoli Decision Support f
WebSphere Agent
z/OS Management Cons
Storage Dashboard
Physical
DFSMSrmm System Summary Totals
Collection Status
Summary C Start T
Collection completed
08/04/15 04:00:31
08/04/15 04:00:34
Workspace
Take Action...
Link To...
Launch...
Situations...
Show Navigator List...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
Louis RMM Status
Vickies Louis RMM status
✓ DFSMSrmm Status
CA 1 Job Summary
CA 1 Status
CA 1 Program Summary
CA 1 Error Summary
Tape Management Status
SHARE Default RMM Workspace
COMMON.F
DFSMSrmm Volume T

To get back to the product provided workspace – repeat to change it back

Or to quickly navigate somewhere else

OMEGAMON XE for Storage – RMM Status


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMShsm
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
Storage Dashboard
Physical
DFSMSrmm Control Dataset Space
RMM Percent Used
% Used
100
80
60
40
20
0
COMMON.RMM.MASTER.DATA
COMMON.RMM.JOURNAL.FILE
Dataset
DFSMSrmm Pending Action Summary Volume Counts
Volumes
2.0
1.0
0.0
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
DFSMSrmm Volume Type Distribution Summary
Master Volumes
User Volumes
Init Volumes
Entry Volumes
DFSMSrmm Volume Utilization Summary
Volumes
20
16
12
8
4
0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
Hub Time: Tue, 08/04/2015 11:36 PM
Server Available
DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault

DFSMSrmm System Summary Totals

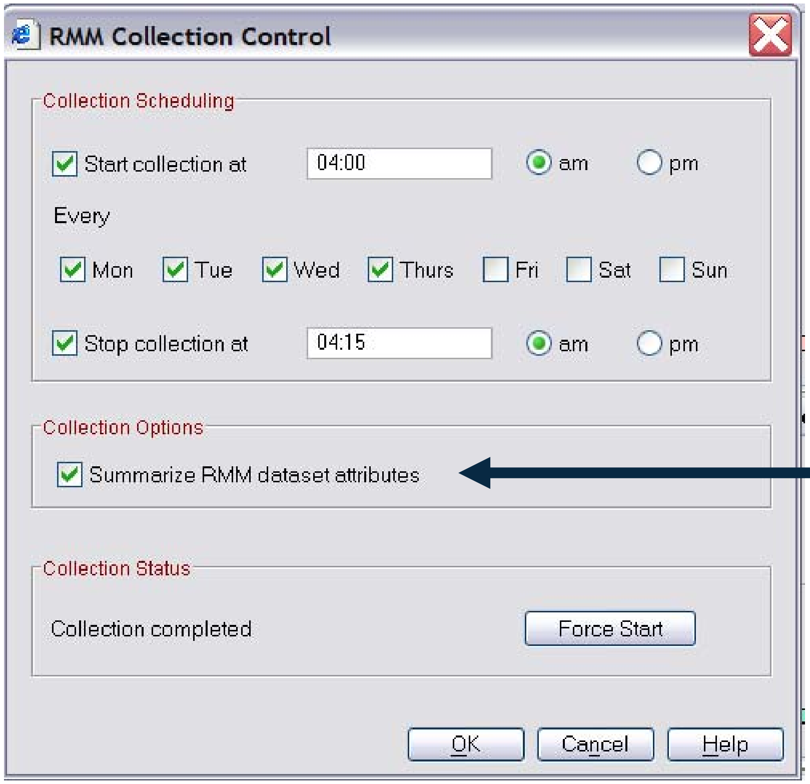
Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
Collection completed	08/04/15 04[illegible]31	08/04/15 04:00:34	339	5048	339	287	52	0	0	0	3	136	0	136

Right click on the Row to start the Collection

DFSMSrmm System Usage & Activity Summary

Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Volumes R/W Previous Day	% Volumes R/W Previous Day	Average Datasets Per Volume	Average Dataset Size	Datasets R/W Previous Day	Datasets Created Previous Day	Data Created Previous Day
199811	36008	2	89	19	1	0.30	15	6,738.5	2	2	16,927.5

RMM Collection Controls



RMM Collection Control

Collection Scheduling

☑ Start collection at 04:00 ● am ○ pm

Every

☑ Mon ☑ Tue ☑ Wed ☑ Thurs ☐ Fri ☐ Sat ☐ Sun

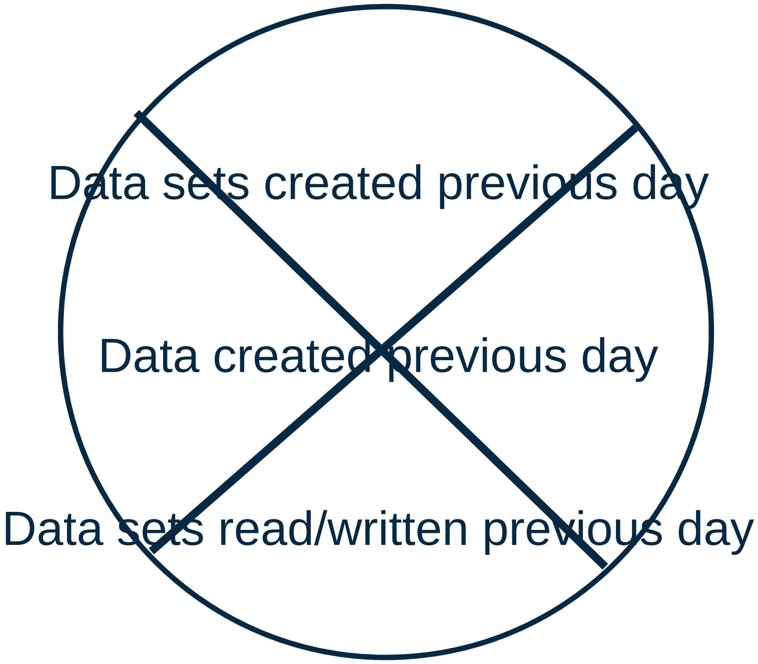
☑ Stop collection at 04:15 ● am ○ pm

Collection Options

☑ Summarize RMM dataset attributes

Collection Status

Collection completed

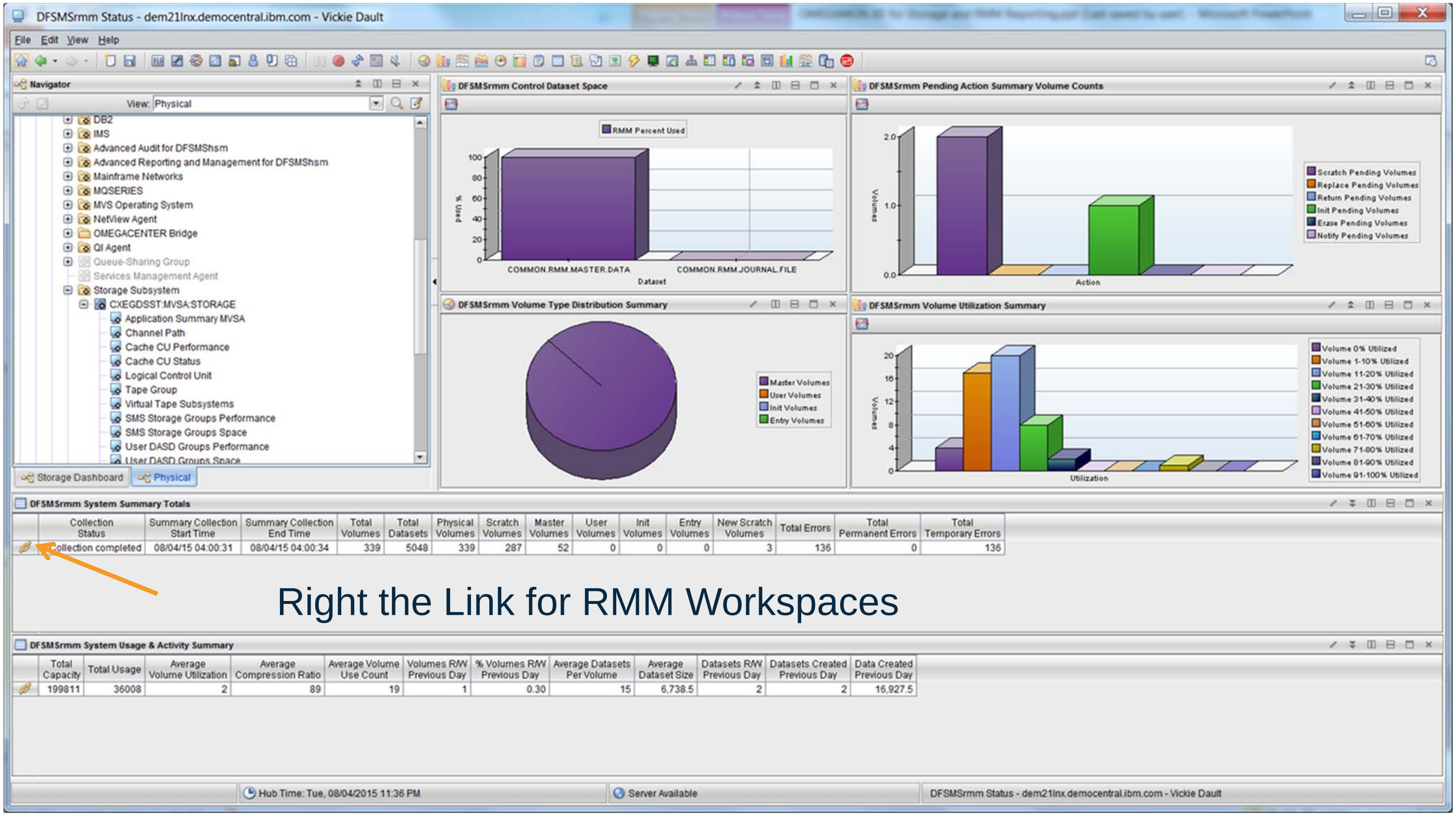


Data sets created previous day

Data created previous day

Data sets read/written previous day

OMEGAMON XE for Storage – RMM Status


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMShsm
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
Storage Dashboard
Physical
DFSMSrmm Control Dataset Space
RMM Percent Used
% Used
100
80
60
40
20
0
COMMON.RMM.MASTER.DATA
COMMON.RMM.JOURNAL.FILE
Dataset
DFSMSrmm Pending Action Summary Volume Counts
Volumes
2.0
1.0
0.0
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
DFSMSrmm Volume Type Distribution Summary
Master Volumes
User Volumes
Init Volumes
Entry Volumes
DFSMSrmm Volume Utilization Summary
Volumes
20
16
12
8
4
0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized

DFSMSrmm System Summary Totals

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
	Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	339	287	52	0	0	0	3	136	0	136

Right the Link for RMM Workspaces

DFSMSrmm System Usage & Activity Summary

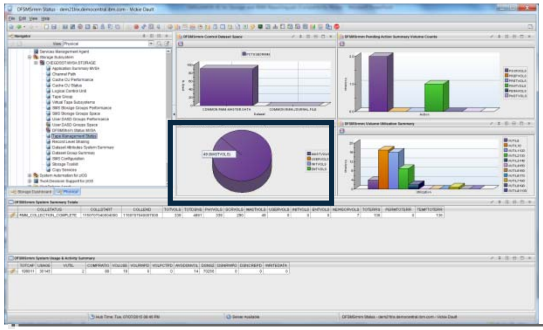
	Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Volumes R/W Previous Day	% Volumes R/W Previous Day	Average Datasets Per Volume	Average Dataset Size	Datasets R/W Previous Day	Datasets Created Previous Day	Data Created Previous Day
	199811	36008	2	89	19	1	0.30	15	6,738.5	2	2	16,927.5

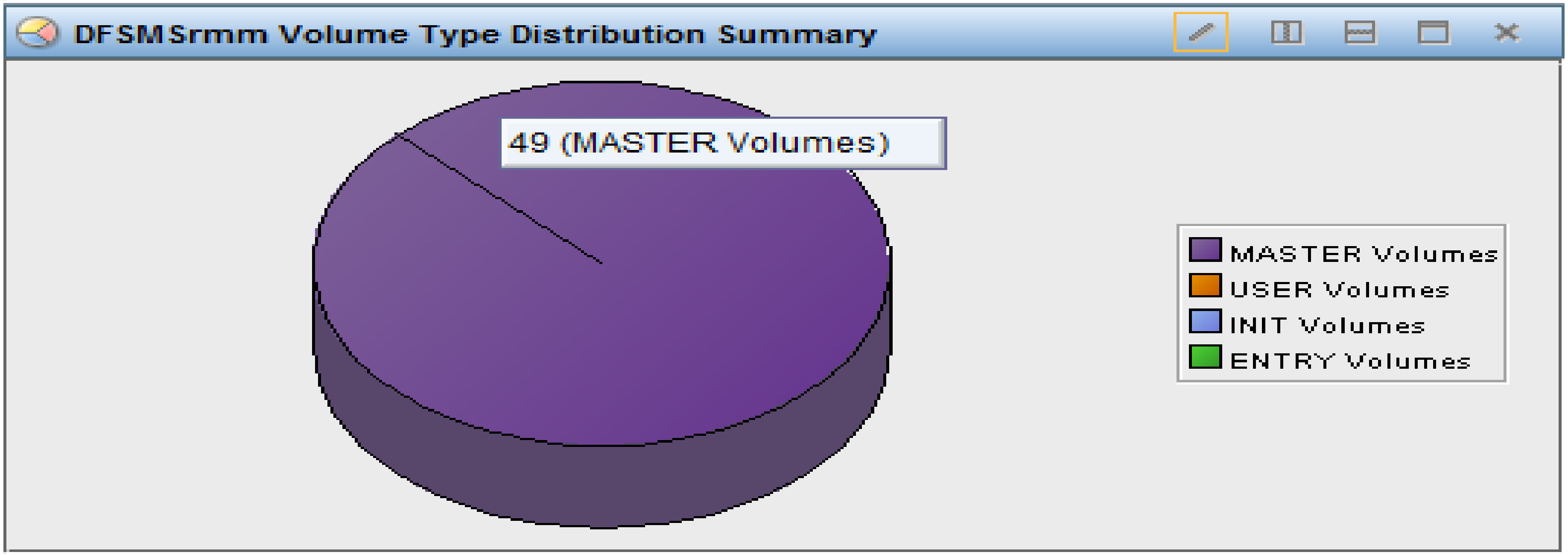
Hub Time: Tue, 08/04/2015 11:36 PM

Server Available

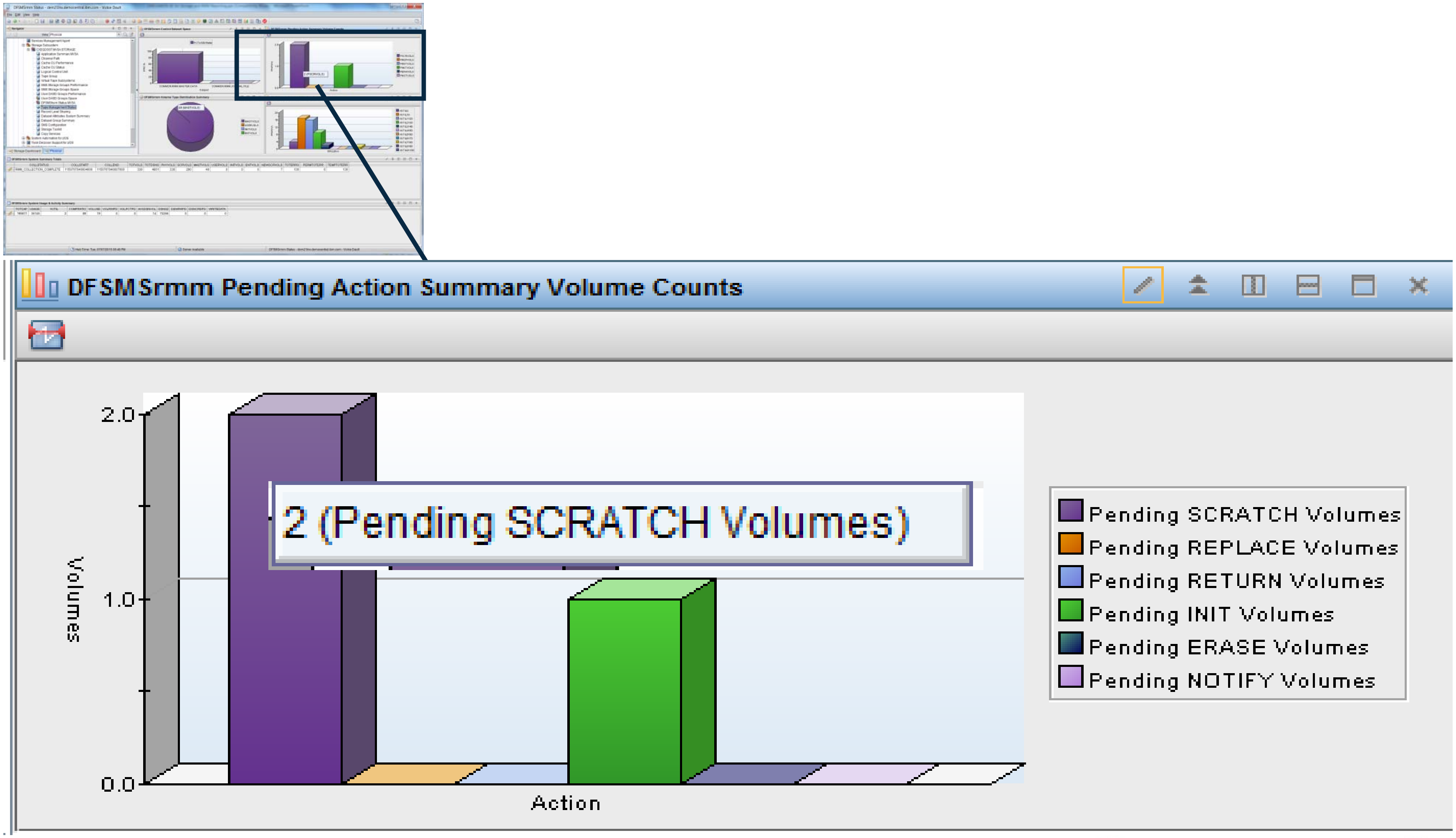
DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault

RMM Volume Type distribution

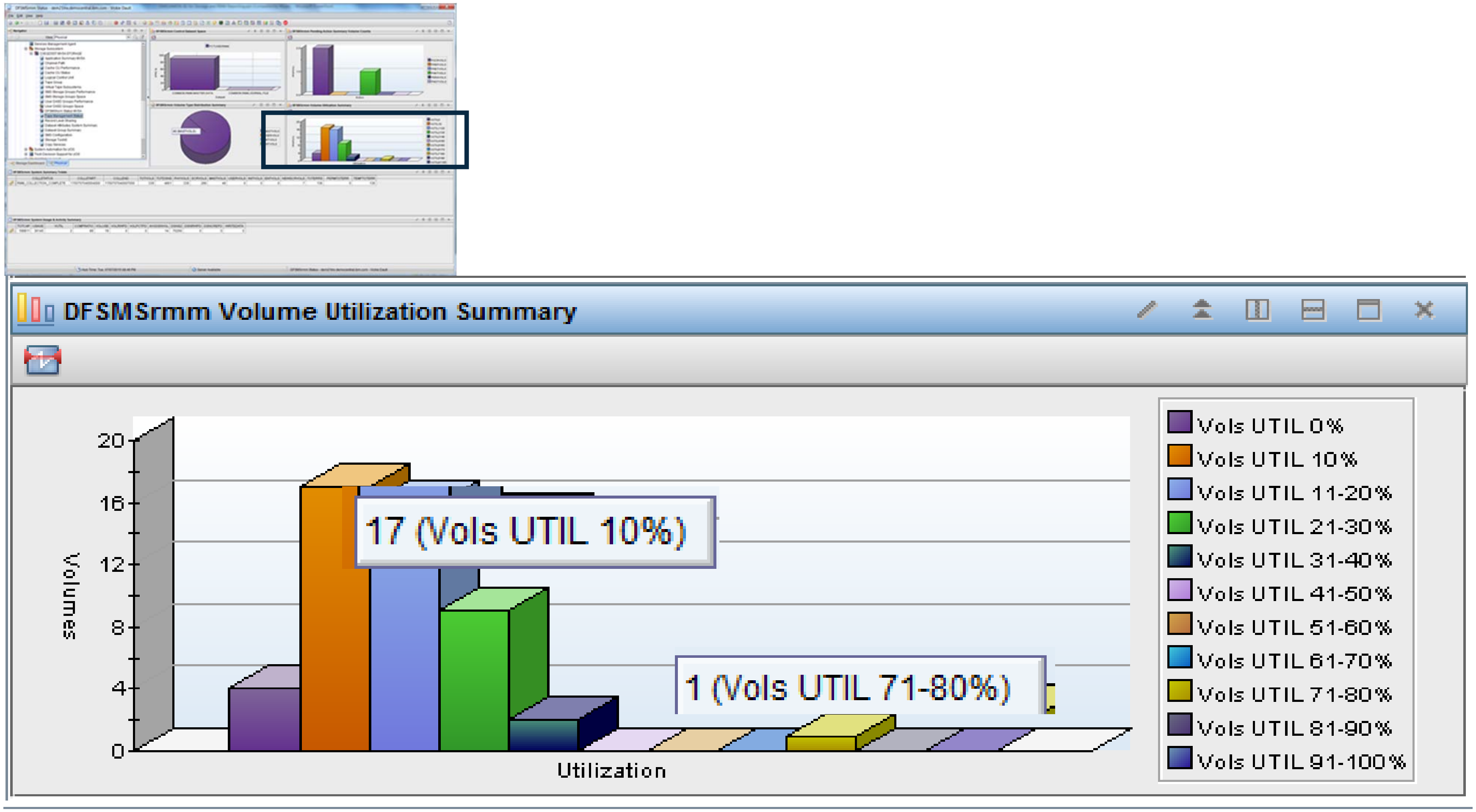




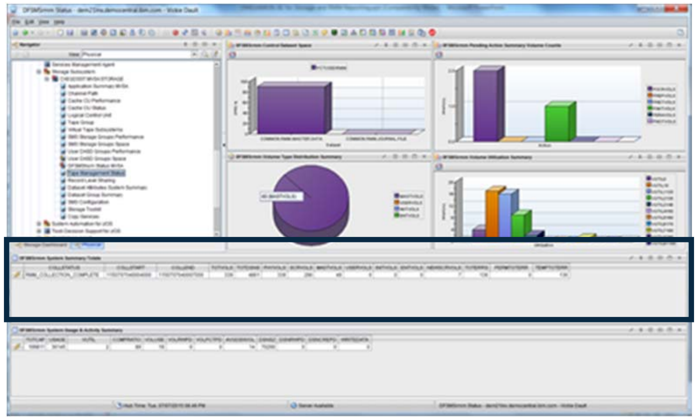
Volumes Pending Action

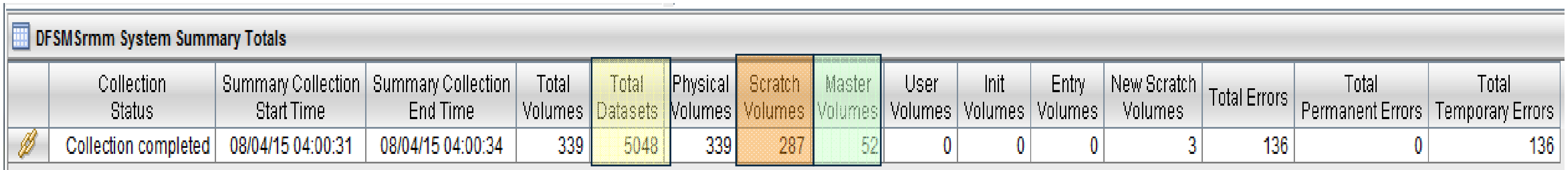

DFSMSrmm Pending Action Summary Volume Counts
2 (Pending SCRATCH Volumes)
2.0
1.0
0.0
Volumes
Action
Pending SCRATCH Volumes
Pending REPLACE Volumes
Pending RETURN Volumes
Pending INIT Volumes
Pending ERASE Volumes
Pending NOTIFY Volumes

Volume Utilization


DFSMSrmm Volume Utilization Summary
20
16
12
8
4
0
Volumes
Utilization
17 (Vols UTIL 10%)
1 (Vols UTIL 71-80%)
Vols UTIL 0%
Vols UTIL 10%
Vols UTIL 11-20%
Vols UTIL 21-30%
Vols UTIL 31-40%
Vols UTIL 41-50%
Vols UTIL 51-60%
Vols UTIL 61-70%
Vols UTIL 71-80%
Vols UTIL 81-90%
Vols UTIL 91-100%

RMM Summary





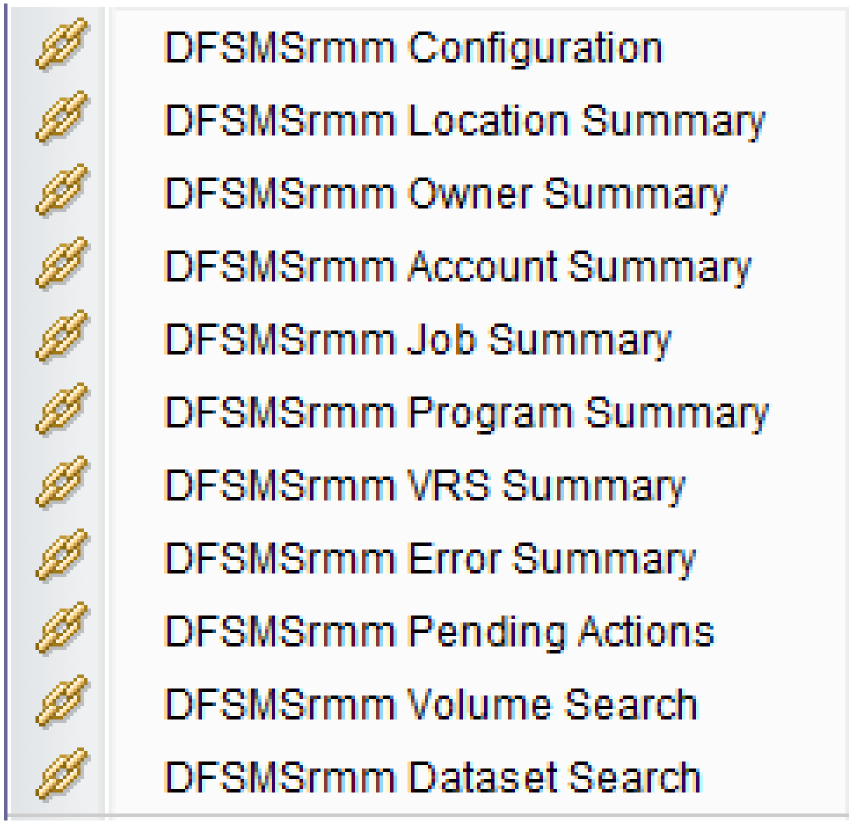
DFSMSrmm System Summary Totals

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
	Collection completed	08/04/15 04:00:31	08/04/15 04:00:34	339	5048	339	287	52	0	0	0	3	136	0	136

RMM statistics are collected once every 24 hours. To trigger more often, the z/OS system command F *temsname*,S3RM Start

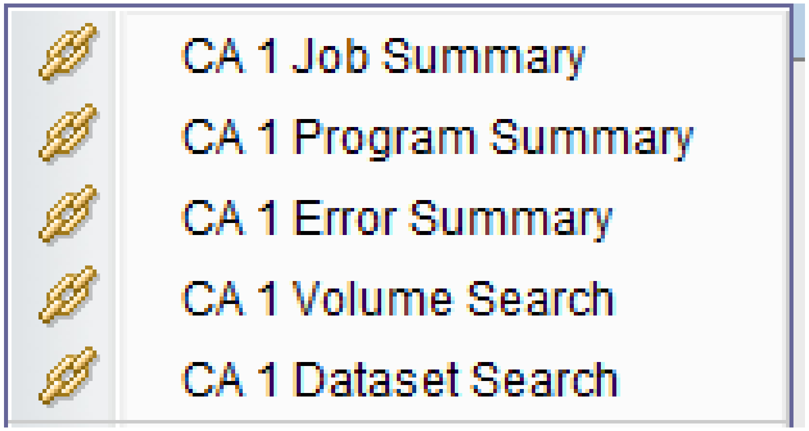
OMEGAMON XE for Storage - Tape management

RMM Workspaces



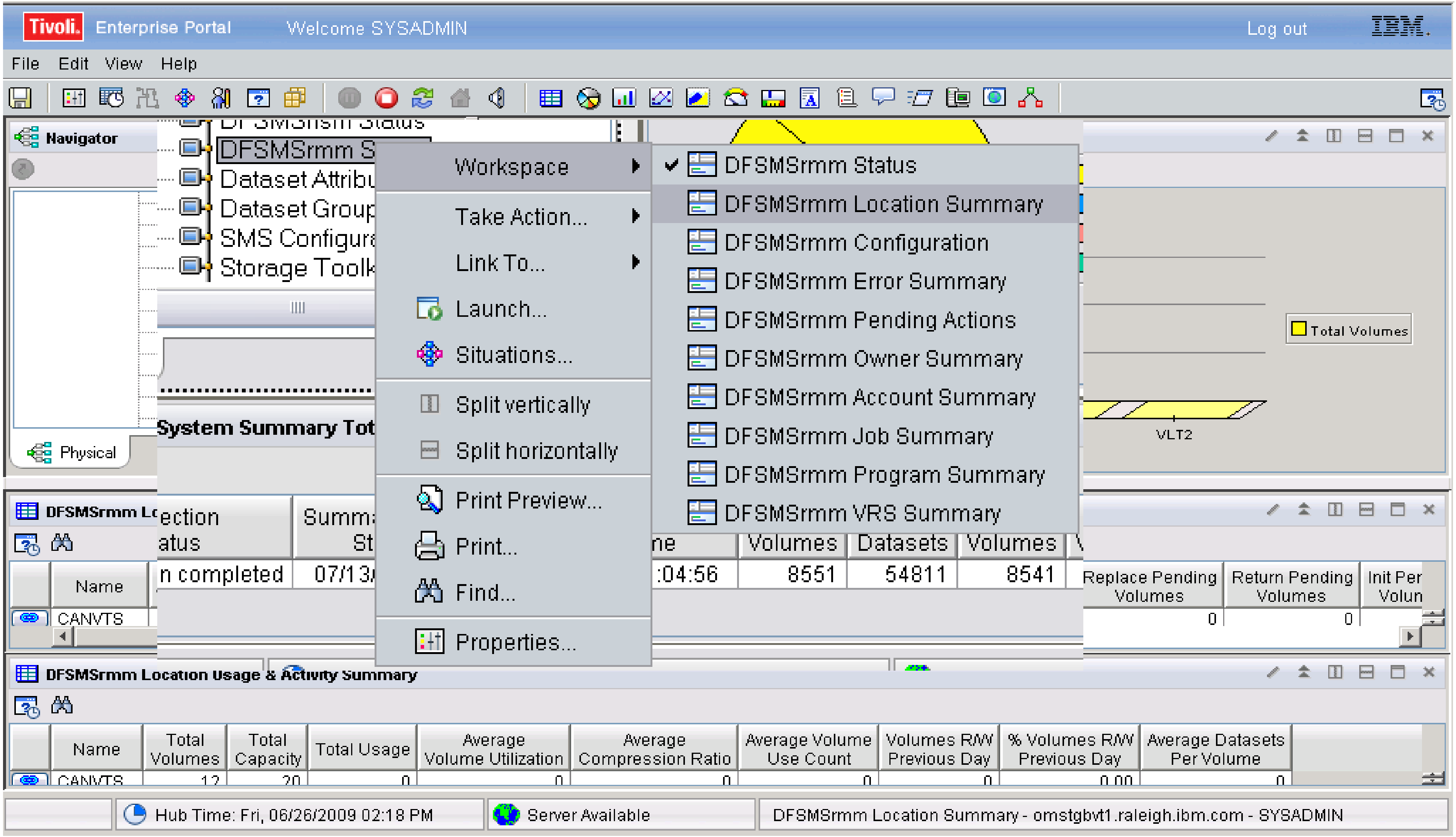
- DFSMSrmm Configuration
- DFSMSrmm Location Summary
- DFSMSrmm Owner Summary
- DFSMSrmm Account Summary
- DFSMSrmm Job Summary
- DFSMSrmm Program Summary
- DFSMSrmm VRS Summary
- DFSMSrmm Error Summary
- DFSMSrmm Pending Actions
- DFSMSrmm Volume Search
- DFSMSrmm Dataset Search

CA1 Workspaces



- CA 1 Job Summary
- CA 1 Program Summary
- CA 1 Error Summary
- CA 1 Volume Search
- CA 1 Dataset Search

RMM LOCATION Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
DFSMSrmm S
Dataset Attribu
Dataset Group
SMS Configura
Storage Toolk
Physical
System Summary Tot
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
✓ DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
Total Volumes
VLT2
DFSMSrmm Lo
DFSMSrmm Location Usage & Activity Summary

Name	ection atus	Summ St	ne	Volumes	Datasets	Volumes	Replace Pending Volumes	Return Pending Volumes	Init Per Volun
	n completed	07/13	:04:56	8551	54811	8541			
CANVTS							0	0	

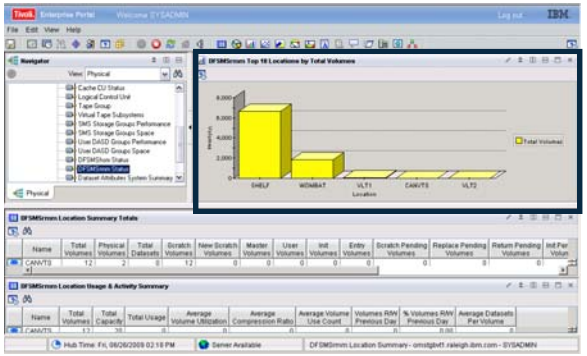
Name	Total Volumes	Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Volumes R/W Previous Day	% Volumes R/W Previous Day	Average Datasets Per Volume
CANVTS	12	20	0	0	0	0	0	0.00	0

Hub Time: Fri, 06/26/2009 02:18 PM

Server Available

DFSMSrmm Location Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

RMM Locations Graph


Tivoli Enterprise Portal
Welcome SYSADMIN
Log out
IBM
File Edit View Help
Navigator
View: Physical
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Physical
DFSMSrmm Top 10 Locations by Total Volumes
8,000
6,000
4,000
2,000
0
Volumes
SHELF
WOMBAT
VLT1
CANVTS
VLT2
Location
Total Volumes

DFSMSrmm Location Summary Totals

	Name	Total Volumes	Physical Volumes	Total Datasets	Scratch Volumes	New Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	Scratch Pending Volumes	Replace Pending Volumes	Return Pending Volumes	Init Per Volun
	CANVTS	12	2	0	12	0	0	0	0	0	0	0	0	

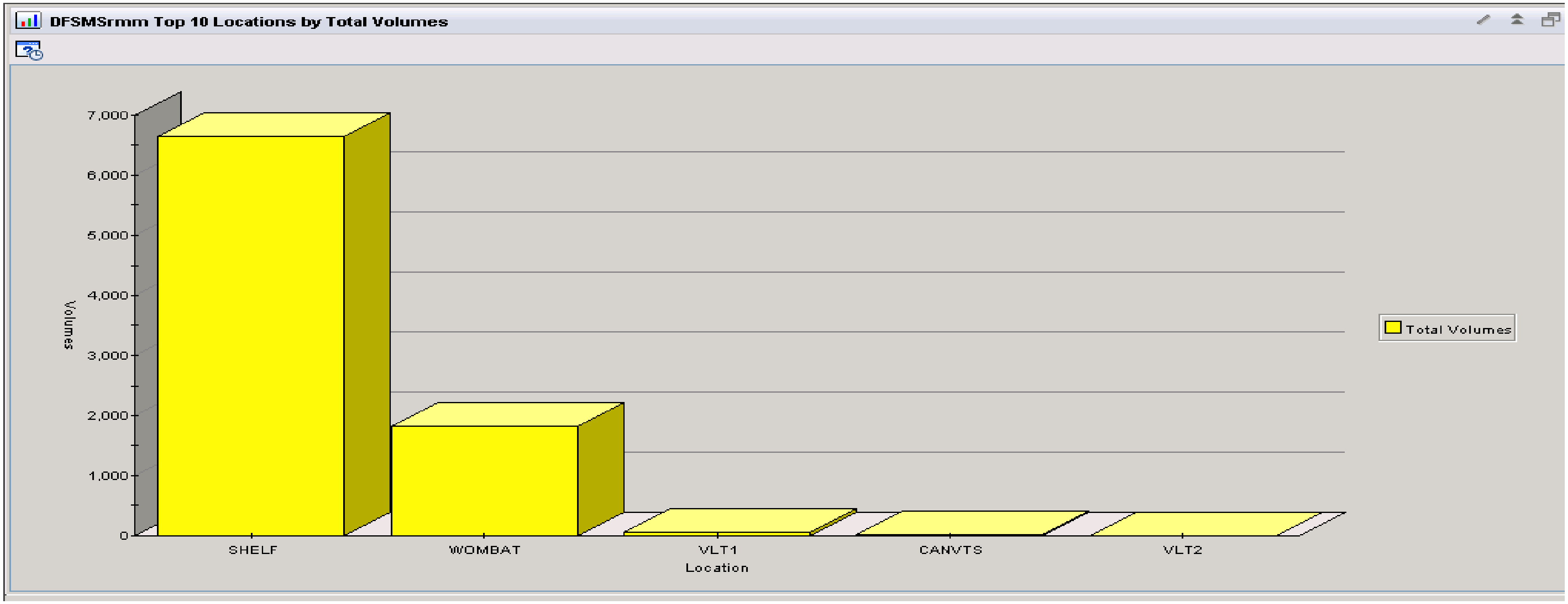
DFSMSrmm Location Usage & Activity Summary

	Name	Total Volumes	Total Capacity	Total Usage	Average Volume Utilization	Average Compression Ratio	Average Volume Use Count	Volumes R/W Previous Day	% Volumes R/W Previous Day	Average Datasets Per Volume
	CANVTS	12	20	0	0	0	8	0	0.00	0

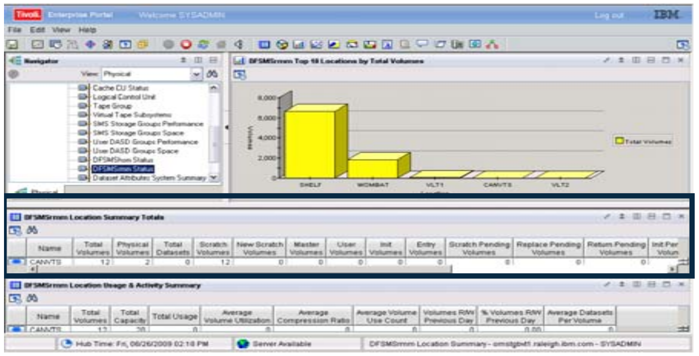
Hub Time: Fri, 08/26/2009 02:18 PM

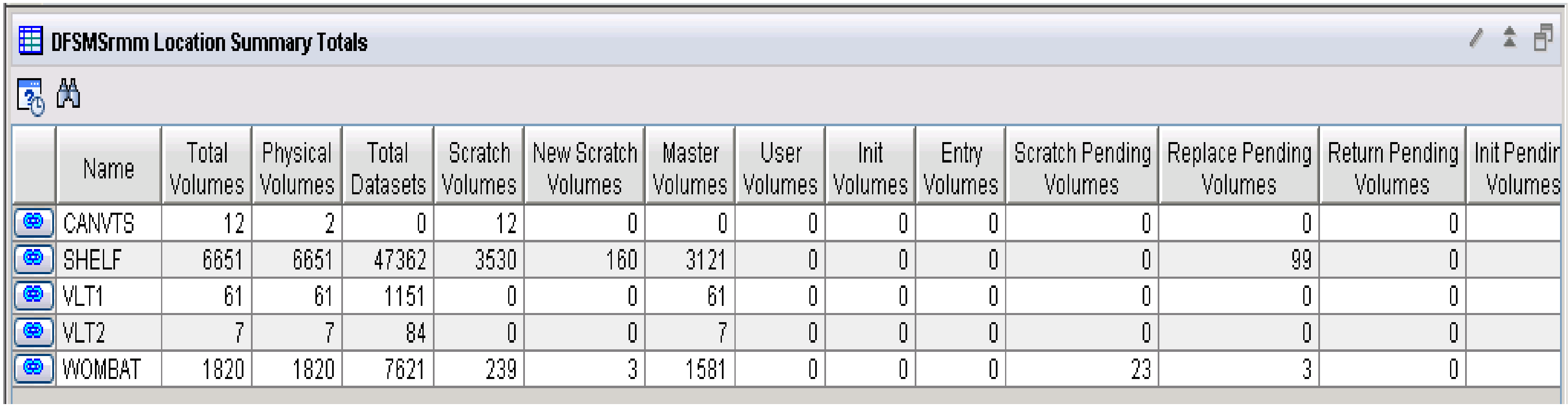
Server Available

DFSMSrmm Location Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN



RMM Locations

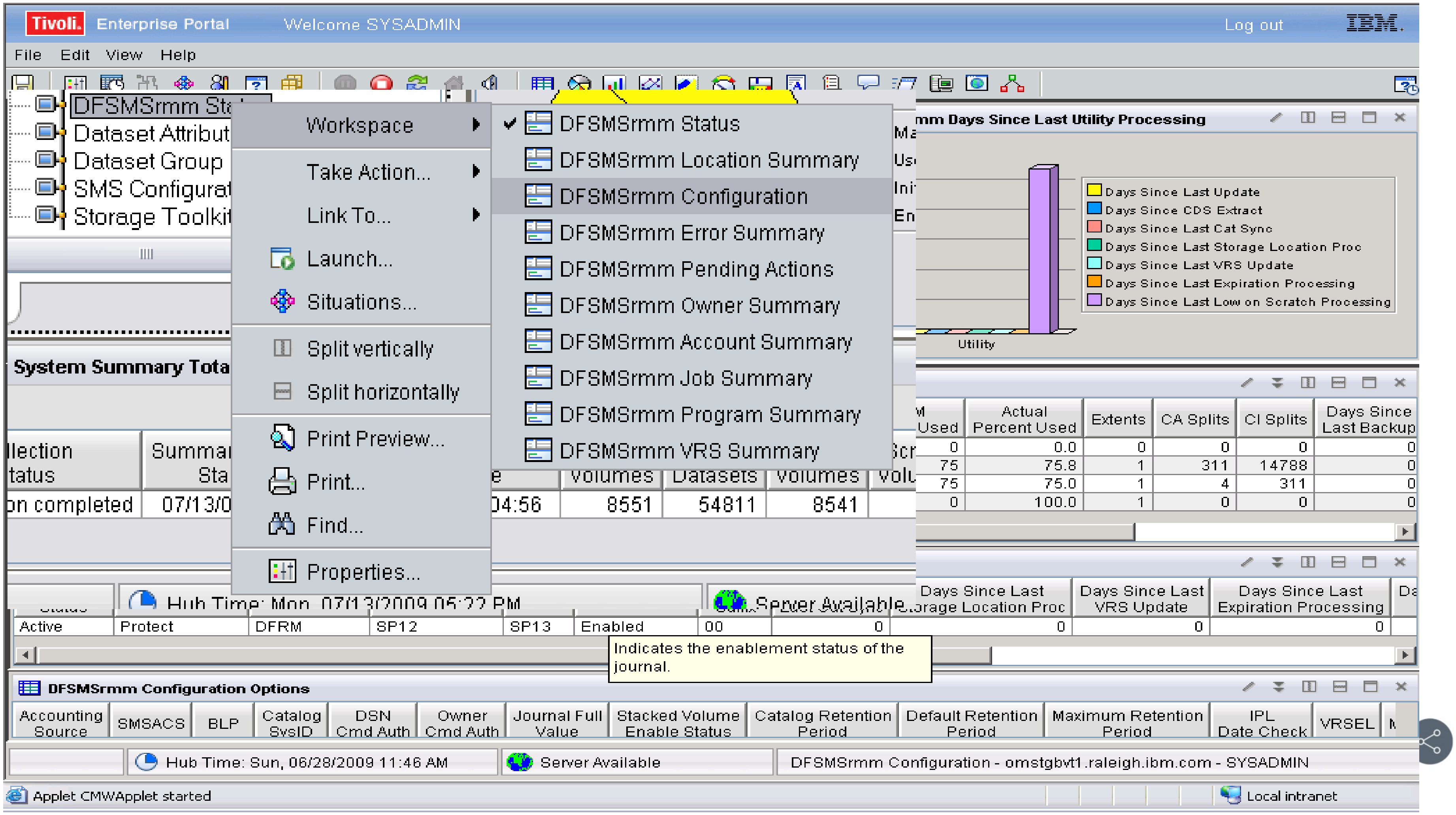




DFSMSrmm Location Summary Totals

	Name	Total Volumes	Physical Volumes	Total Datasets	Scratch Volumes	New Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	Scratch Pending Volumes	Replace Pending Volumes	Return Pending Volumes	Init Pendin Volumes
	CANVTS	12	2	0	12	0	0	0	0	0	0	0	0	
	SHELF	6651	6651	47362	3530	160	3121	0	0	0	0	99	0	
	VLT1	61	61	1151	0	0	61	0	0	0	0	0	0	
	VLT2	7	7	84	0	0	7	0	0	0	0	0	0	
	WOMBAT	1820	1820	7621	239	3	1581	0	0	0	23	3	0	

RMM Configuration

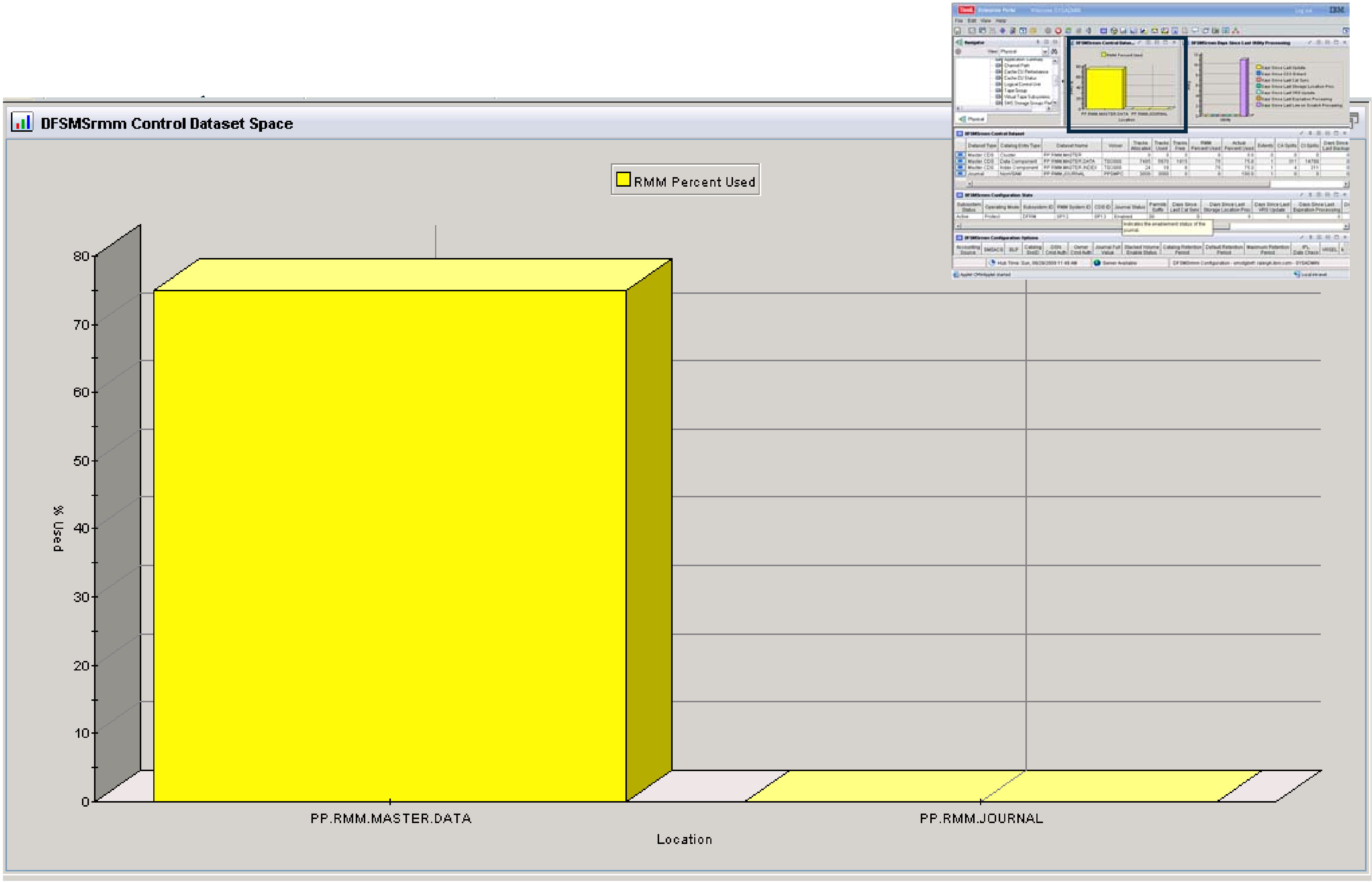

Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
DFSMSrmm Sta
Dataset Attribut
Dataset Group
SMS Configurat
Storage Toolkit
System Summary Tota
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
✓ DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
mm Days Since Last Utility Processing
🟨 Days Since Last Update
🟦 Days Since CDS Extract
🟥 Days Since Last Cat Sync
🟩 Days Since Last Storage Location Proc
🟦 Days Since Last VRS Update
🟧 Days Since Last Expiration Processing
🟪 Days Since Last Low on Scratch Processing
Utility
llection tatus
Summar Sta
on completed
07/13/0
04:56
Volumes
Datasets
Volumes
8551
54811
8541
Hub Time: Mon, 07/13/2009 05:22 PM
Server Available
Days Since Last Storage Location Proc
Days Since Last VRS Update
Days Since Last Expiration Processing
DFSMSrmm Configuration Options
Accounting Source
SMSACS
BLP
Catalog SysID
DSN Cmd Auth
Owner Cmd Auth
Journal Full Value
Stacked Volume Enable Status
Catalog Retention Period
Default Retention Period
Maximum Retention Period
IPL Date Check
VRSEL
Hub Time: Sun, 06/28/2009 11:46 AM
Server Available
DFSMSrmm Configuration - omstgbvt1.raleigh.ibm.com - SYSADMIN
Applet CMWApplet started
Local intranet

M Used	Actual Percent Used	Extents	CA Splits	CI Splits	Days Since Last Backup
0	0.0	0	0	0	0
75	75.8	1	311	14788	0
75	75.0	1	4	311	0
0	100.0	1	0	0	0

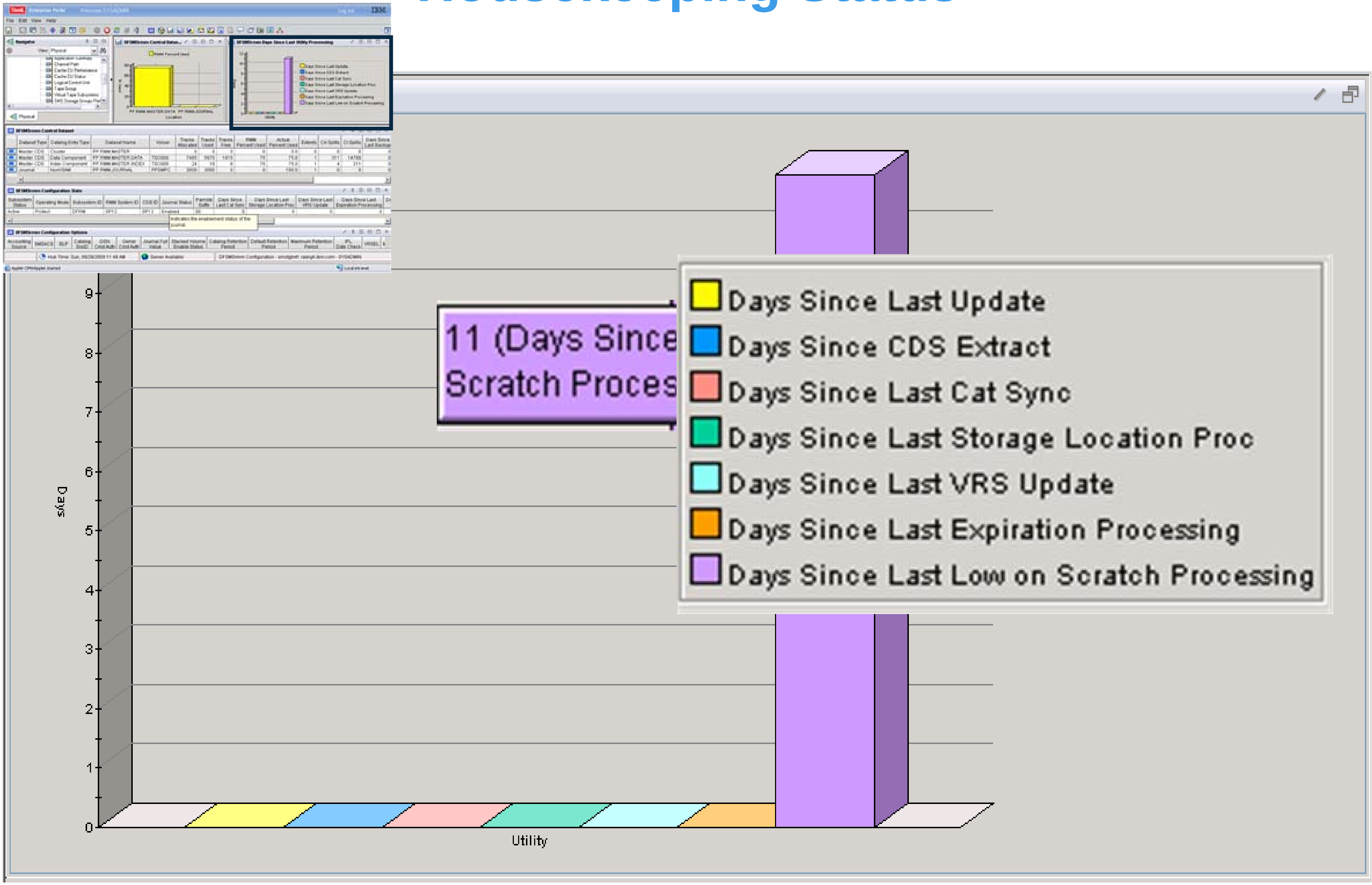
Active	Protect	DFRM	SP12	SP13	Enabled	00	0	0	0	0	

Indicates the enablement status of the journal.

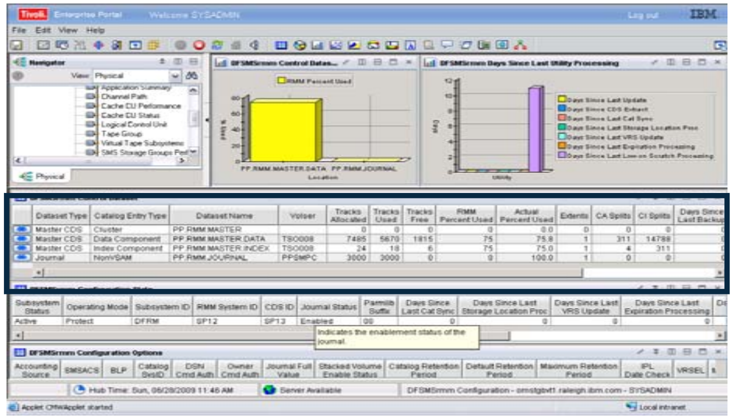
Control Dataset Status

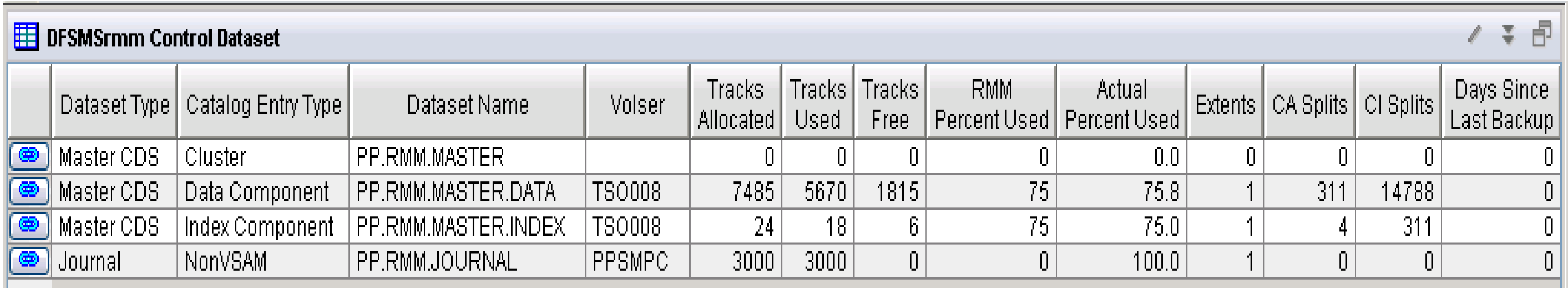

DFSMSrmm Control Dataset Space
RMM Percent Used
80
70
60
50
40
30
20
10
0
% Used
PP.RMM.MASTER.DATA
PP.RMM.JOURNAL
Location

Housekeeping Status


11 (Days Since
Scratch Proces
Days
9
8
7
6
5
4
3
2
1
0
Utility
🟨 Days Since Last Update
🟦 Days Since CDS Extract
🟥 Days Since Last Cat Sync
🟩 Days Since Last Storage Location Proc
🟦 Days Since Last VRS Update
🟧 Days Since Last Expiration Processing
🟪 Days Since Last Low on Scratch Processing

RMM Control Dataset Statistics

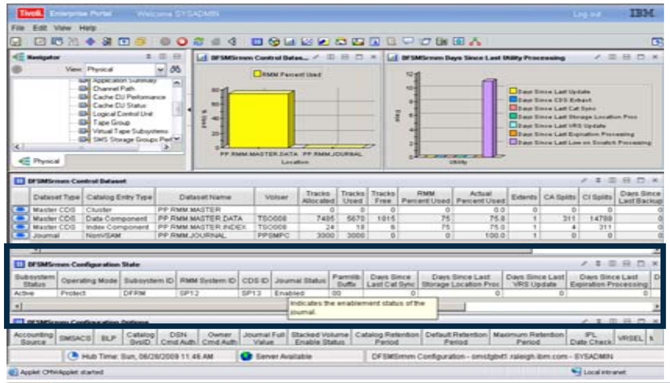




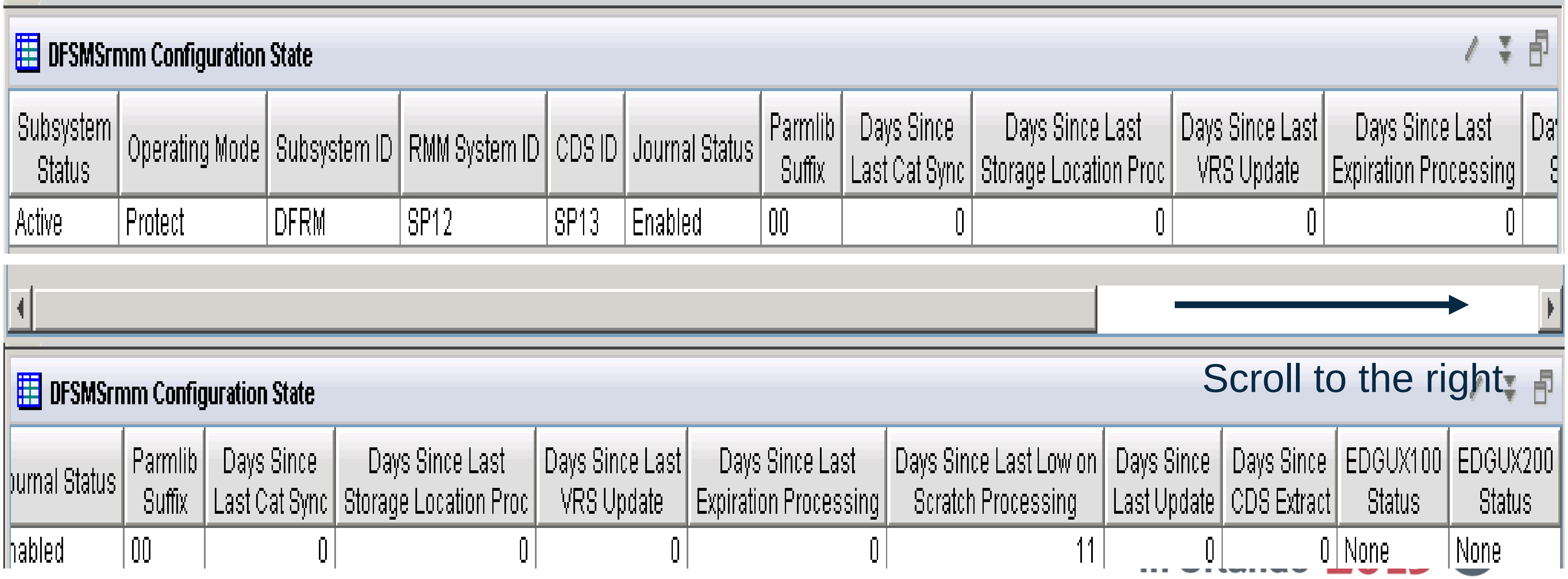
DFSMSrmm Control Dataset

	Dataset Type	Catalog Entry Type	Dataset Name	Volser	Tracks Allocated	Tracks Used	Tracks Free	RMM Percent Used	Actual Percent Used	Extents	CA Splits	CI Splits	Days Since Last Backup
	Master CDS	Cluster	PP.RMM.MASTER		0	0	0	0	0.0	0	0	0	0
	Master CDS	Data Component	PP.RMM.MASTER.DATA	TSO008	7485	5670	1815	75	75.8	1	311	14788	0
	Master CDS	Index Component	PP.RMM.MASTER.INDEX	TSO008	24	18	6	75	75.0	1	4	311	0
	Journal	NonVSAM	PP.RMM.JOURNAL	PPSMPC	3000	3000	0	0	100.0	1	0	0	0

RMM Configuration



RMM LC ALL
information



DFSMSrmm Configuration State

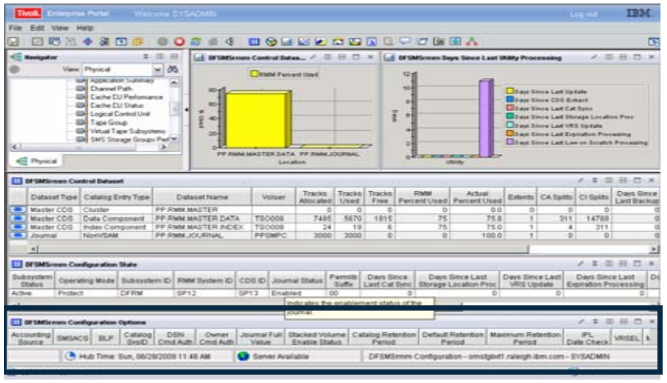
Subsystem Status	Operating Mode	Subsystem ID	RMM System ID	CDS ID	Journal Status	Parmlib Suffix	Days Since Last Cat Sync	Days Since Last Storage Location Proc	Days Since Last VRS Update	Days Since Last Expiration Processing	Da S
Active	Protect	DFRM	SP12	SP13	Enabled	00	0	0	0	0	

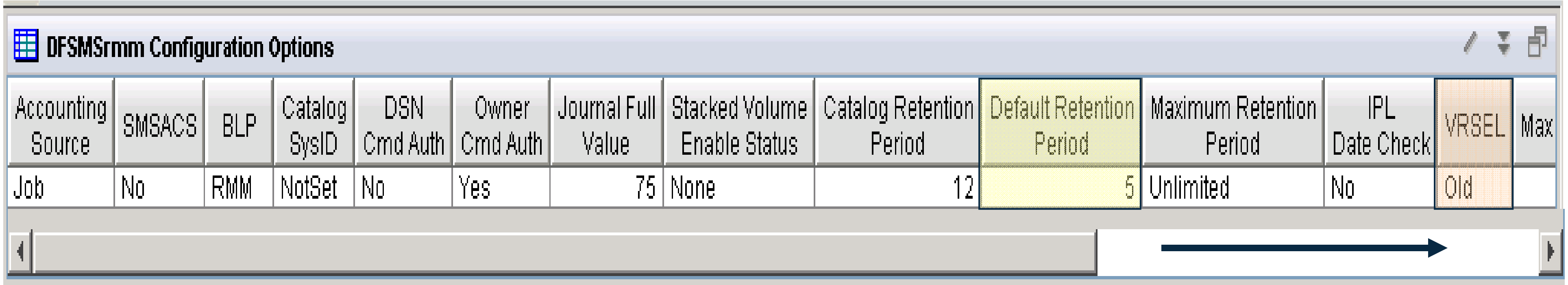
Scroll to the right

DFSMSrmm Configuration State

urnal Status	Parmlib Suffix	Days Since Last Cat Sync	Days Since Last Storage Location Proc	Days Since Last VRS Update	Days Since Last Expiration Processing	Days Since Last Low on Scratch Processing	Days Since Last Update	Days Since CDS Extract	EDGUX100 Status	EDGUX200 Status
nabled	00	0	0	0	0	11	0	0	None	None

RMM Configuration Options

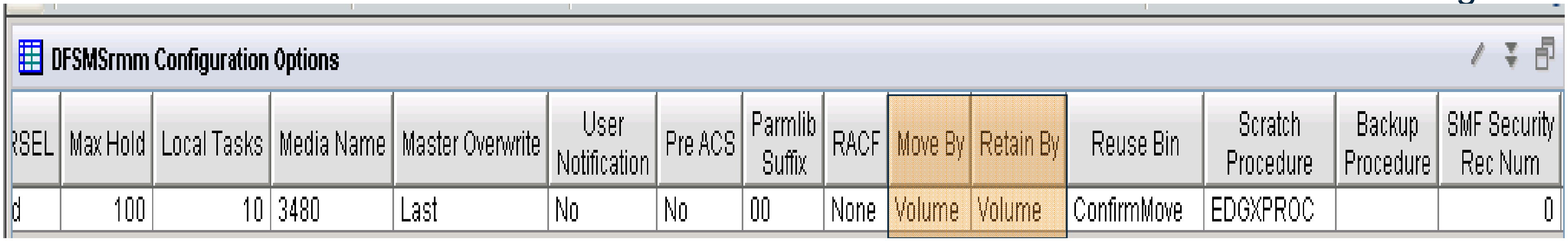




DFSMSrmm Configuration Options

Accounting Source	SMSACS	BLP	Catalog SysID	DSN Cmd Auth	Owner Cmd Auth	Journal Full Value	Stacked Volume Enable Status	Catalog Retention Period	Default Retention Period	Maximum Retention Period	IPL Date Check	VRSEL	Max
Job	No	RMM	NotSet	No	Yes	75	None	12	5	Unlimited	No	Old	

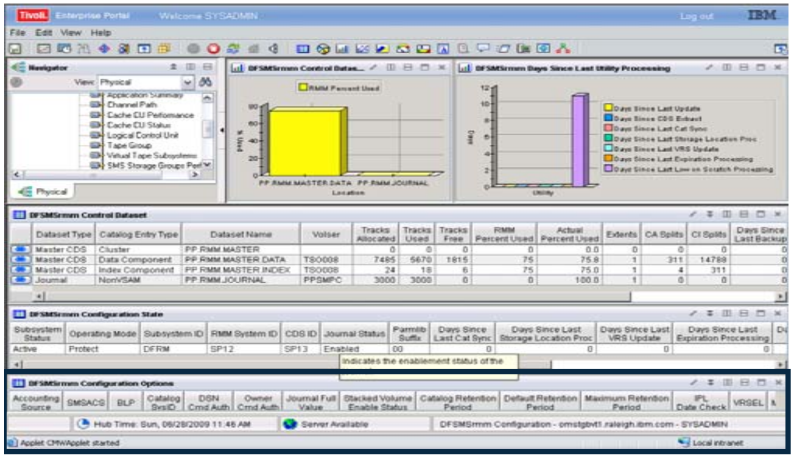
Scroll to the right

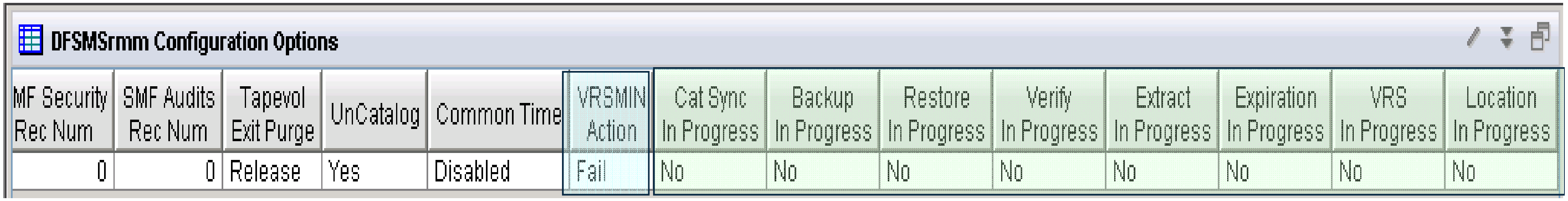


DFSMSrmm Configuration Options

RSEL	Max Hold	Local Tasks	Media Name	Master Overwrite	User Notification	Pre ACS	Parmlib Suffix	RACF	Move By	Retain By	Reuse Bin	Scratch Procedure	Backup Procedure	SMF Security Rec Num
d	100	10	3480	Last	No	No	00	None	Volume	Volume	ConfirmMove	EDGXPROC		0

Configuration Options cont’d

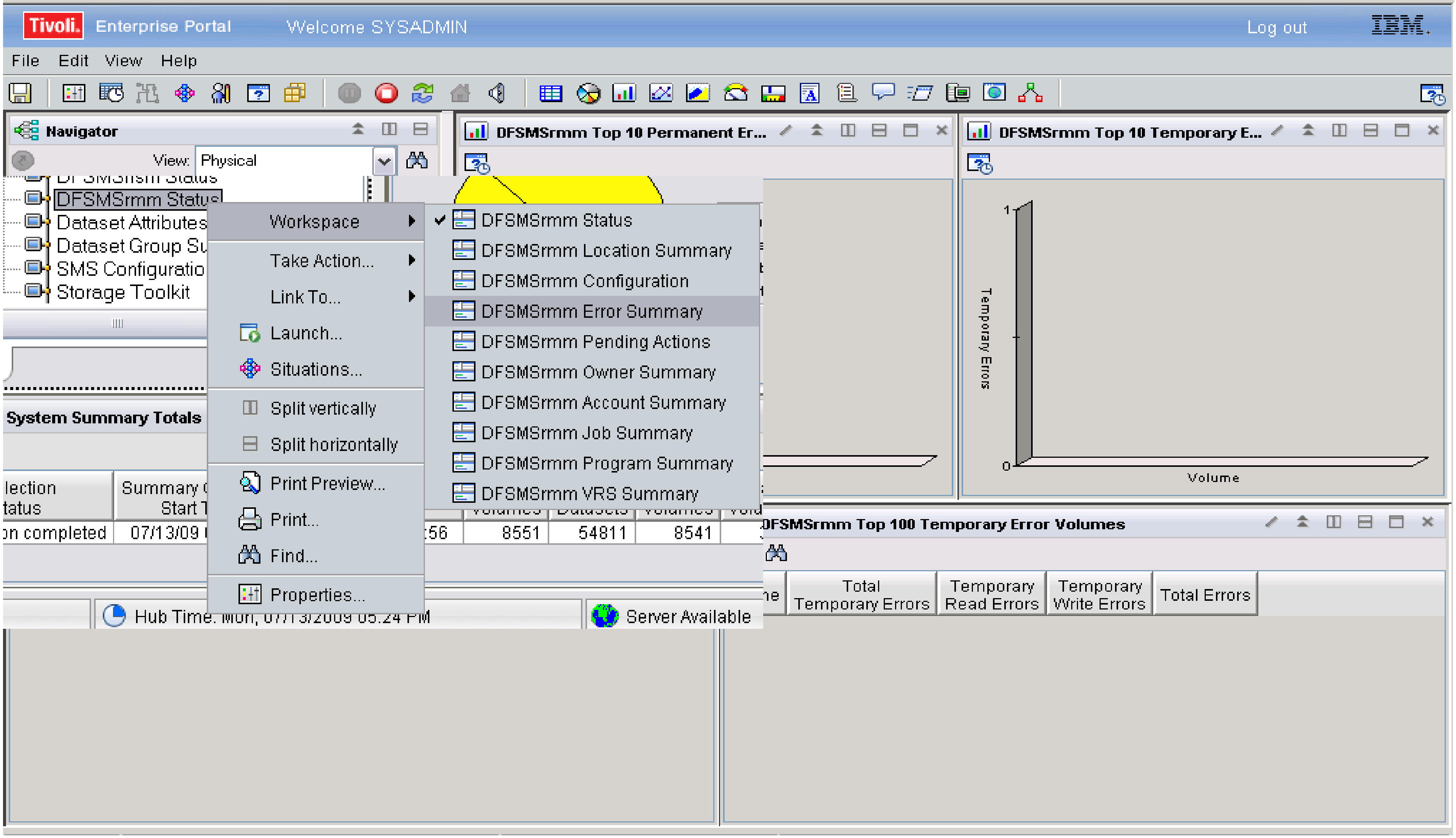




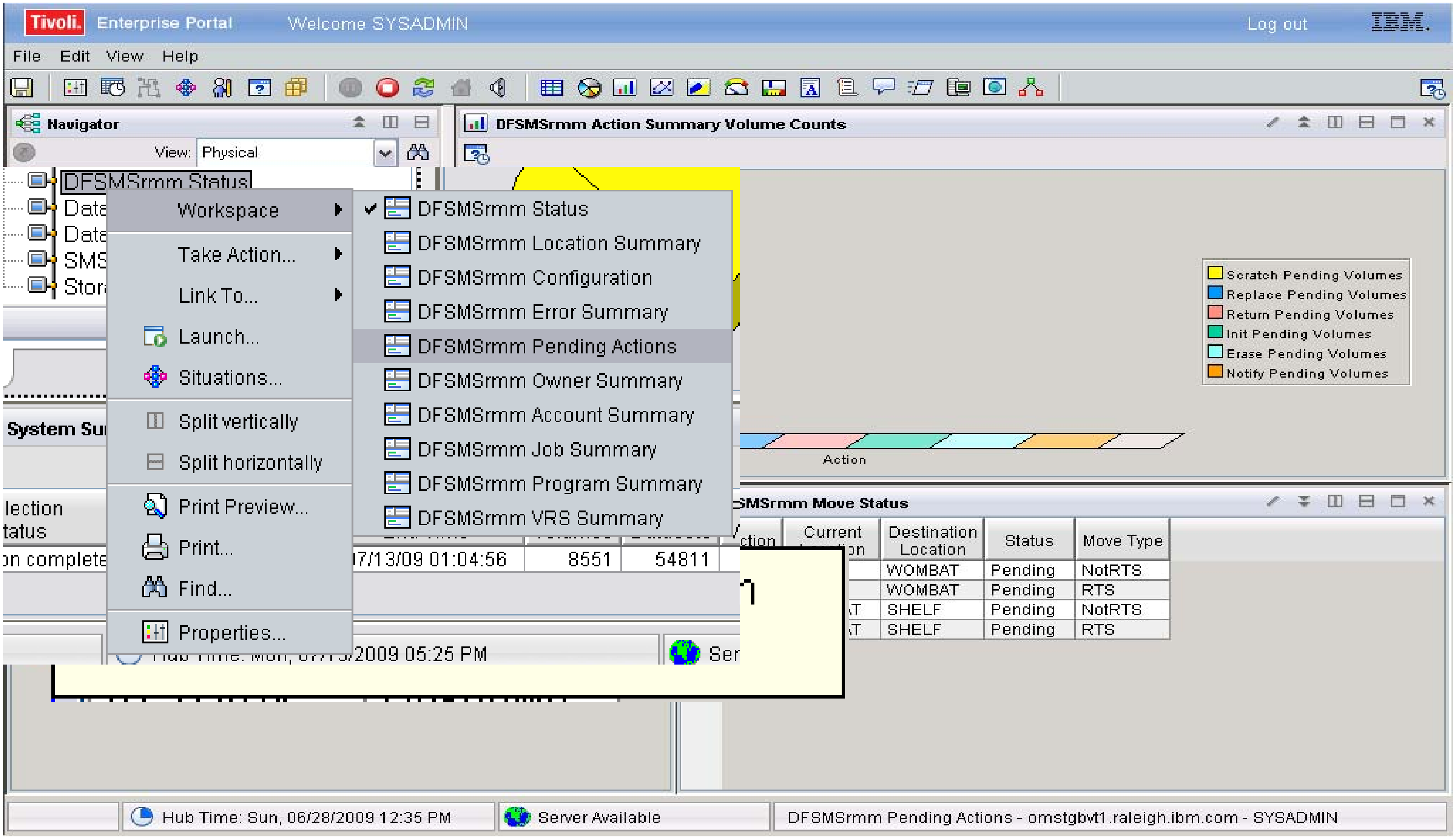
DFSMSrmm Configuration Options

MF Security Rec Num	SMF Audits Rec Num	Tapevol Exit Purge	UnCatalog	Common Time	VRSMIN Action	Cat Sync In Progress	Backup In Progress	Restore In Progress	Verify In Progress	Extract In Progress	Expiration In Progress	VRS In Progress	Location In Progress
0	0	Release	Yes	Disabled	Fail	No	No	No	No	No	No	No	No

RMM Error Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
DFSMSrmm Status
Dataset Attributes
Dataset Group Su
SMS Configuratio
Storage Toolkit
System Summary Totals
lection tatus
Summary Start T
on completed
07/13/09
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
✓ DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Top 10 Permanent Er...
DFSMSrmm Top 10 Temporary E...
1
0
Temporary Errors
Volume
:56
8551
54811
8541
DFSMSrmm Top 100 Temporary Error Volumes
Total Temporary Errors
Temporary Read Errors
Temporary Write Errors
Total Errors
Hub Time: Mon, 07/13/2009 05:24 PM
Server Available

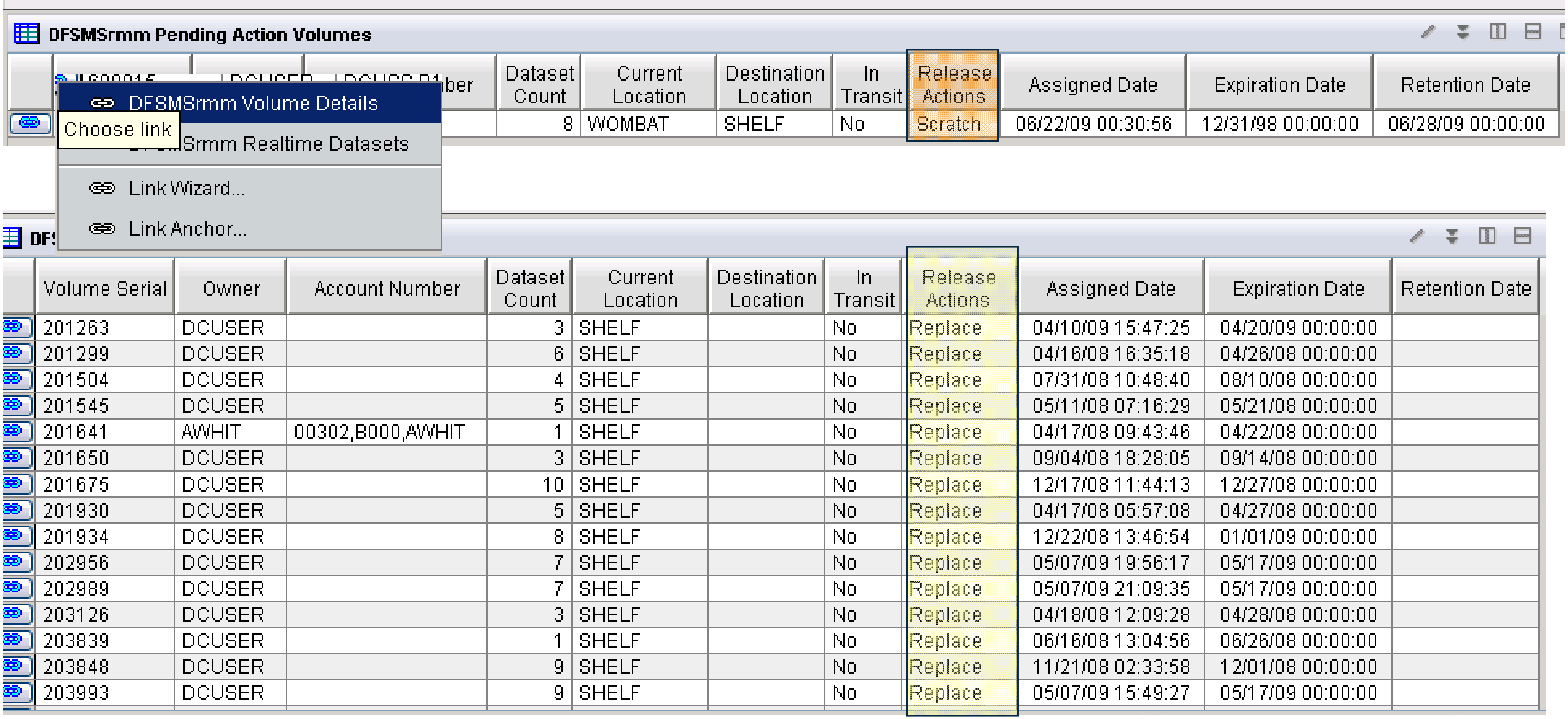
RMM Pending Actions


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
DFSMSrmm Status
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Action Summary Volume Counts
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
Action
SMSrmm Move Status
System Su

Destination Location	Status	Move Type
WOMBAT	Pending	NotRTS
WOMBAT	Pending	RTS
SHELF	Pending	NotRTS
SHELF	Pending	RTS

Hub Time: Sun, 06/28/2009 12:35 PM | Server Available | DFSMSrmm Pending Actions - omstgbvt1.raleigh.ibm.com - SYSADMIN

Pending Details

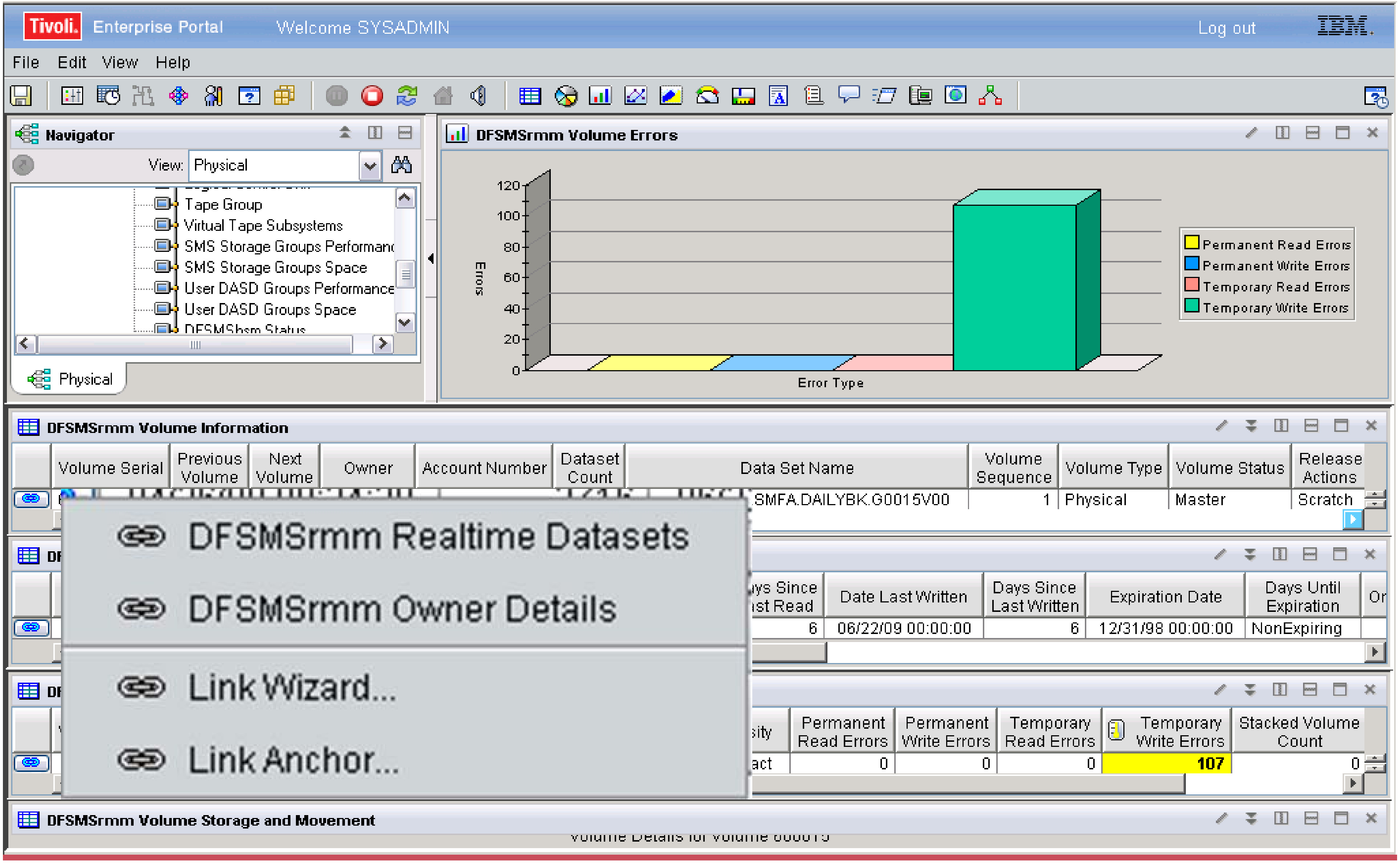


DFSMSrmm Pending Action Volumes

				Dataset Count	Current Location	Destination Location	In Transit	Release Actions	Assigned Date	Expiration Date	Retention Date
				8	WOMBAT	SHELF	No	Scratch	06/22/09 00:30:56	12/31/98 00:00:00	06/28/09 00:00:00

Volume Serial	Owner	Account Number	Dataset Count	Current Location	Destination Location	In Transit	Release Actions	Assigned Date	Expiration Date	Retention Date
201263	DCUSER		3	SHELF		No	Replace	04/10/09 15:47:25	04/20/09 00:00:00	
201299	DCUSER		6	SHELF		No	Replace	04/16/08 16:35:18	04/26/08 00:00:00	
201504	DCUSER		4	SHELF		No	Replace	07/31/08 10:48:40	08/10/08 00:00:00	
201545	DCUSER		5	SHELF		No	Replace	05/11/08 07:16:29	05/21/08 00:00:00	
201641	AWHIT	00302,B000,AWHIT	1	SHELF		No	Replace	04/17/08 09:43:46	04/22/08 00:00:00	
201650	DCUSER		3	SHELF		No	Replace	09/04/08 18:28:05	09/14/08 00:00:00	
201675	DCUSER		10	SHELF		No	Replace	12/17/08 11:44:13	12/27/08 00:00:00	
201930	DCUSER		5	SHELF		No	Replace	04/17/08 05:57:08	04/27/08 00:00:00	
201934	DCUSER		8	SHELF		No	Replace	12/22/08 13:46:54	01/01/09 00:00:00	
202956	DCUSER		7	SHELF		No	Replace	05/07/09 19:56:17	05/17/09 00:00:00	
202989	DCUSER		7	SHELF		No	Replace	05/07/09 21:09:35	05/17/09 00:00:00	
203126	DCUSER		3	SHELF		No	Replace	04/18/08 12:09:28	04/28/08 00:00:00	
203839	DCUSER		1	SHELF		No	Replace	06/16/08 13:04:56	06/26/08 00:00:00	
203848	DCUSER		9	SHELF		No	Replace	11/21/08 02:33:58	12/01/08 00:00:00	
203993	DCUSER		9	SHELF		No	Replace	05/07/09 15:49:27	05/17/09 00:00:00	

Rmm Volume Details


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performanc
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
Physical
DFSMSrmm Volume Errors
120
100
80
60
40
20
0
Errors
Error Type
Permanent Read Errors
Permanent Write Errors
Temporary Read Errors
Temporary Write Errors
DFSMSrmm Realtime Datasets
DFSMSrmm Owner Details
Link Wizard...
Link Anchor...
DFSMSrmm Volume Storage and Movement

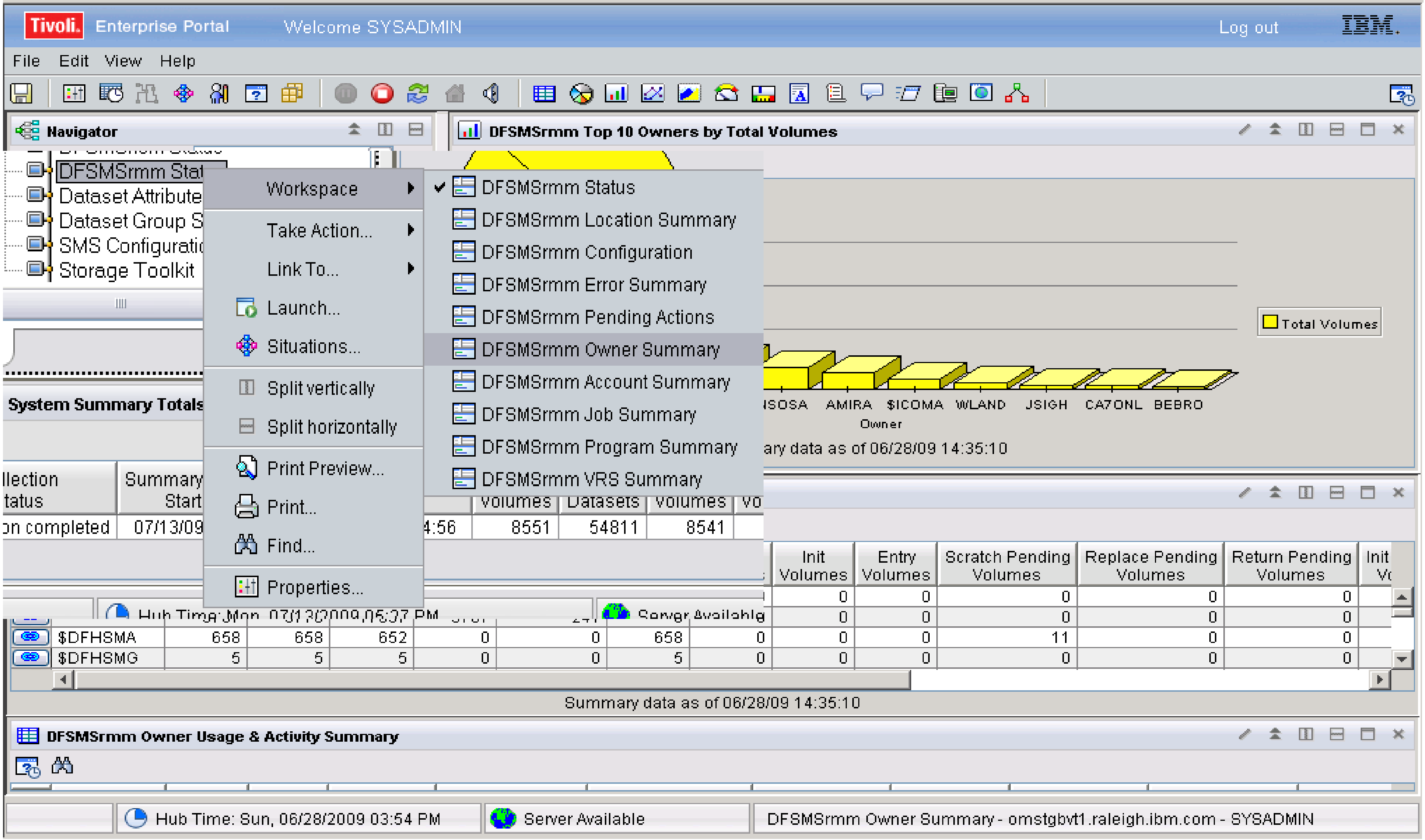
DFSMSrmm Volume Information

Volume Serial	Previous Volume	Next Volume	Owner	Account Number	Dataset Count	Data Set Name	Volume Sequence	Volume Type	Volume Status	Release Actions
						SMFA.DAILYBK.G0015V00	1	Physical	Master	Scratch

ys Since ist Read	Date Last Written	Days Since Last Written	Expiration Date	Days Until Expiration	Or
6	06/22/09 00:00:00	6	12/31/98 00:00:00	NonExpiring	

sity	Permanent Read Errors	Permanent Write Errors	Temporary Read Errors	Temporary Write Errors	Stacked Volume Count
act	0	0	0	107	0

Rmm OWNER Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
DFSMSrmm Stat
Dataset Attribute
Dataset Group S
SMS Configurati
Storage Toolkit
System Summary Totals
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
✓ DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Top 10 Owners by Total Volumes
Total Volumes
ISOSA
AMIRA
$ICOMA
WLAND
JSIGH
CA7ONL
BEBRO
Owner
DFSMSrmm Owner Usage & Activity Summary
Hub Time: Sun, 06/28/2009 03:54 PM
Server Available
DFSMSrmm Owner Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

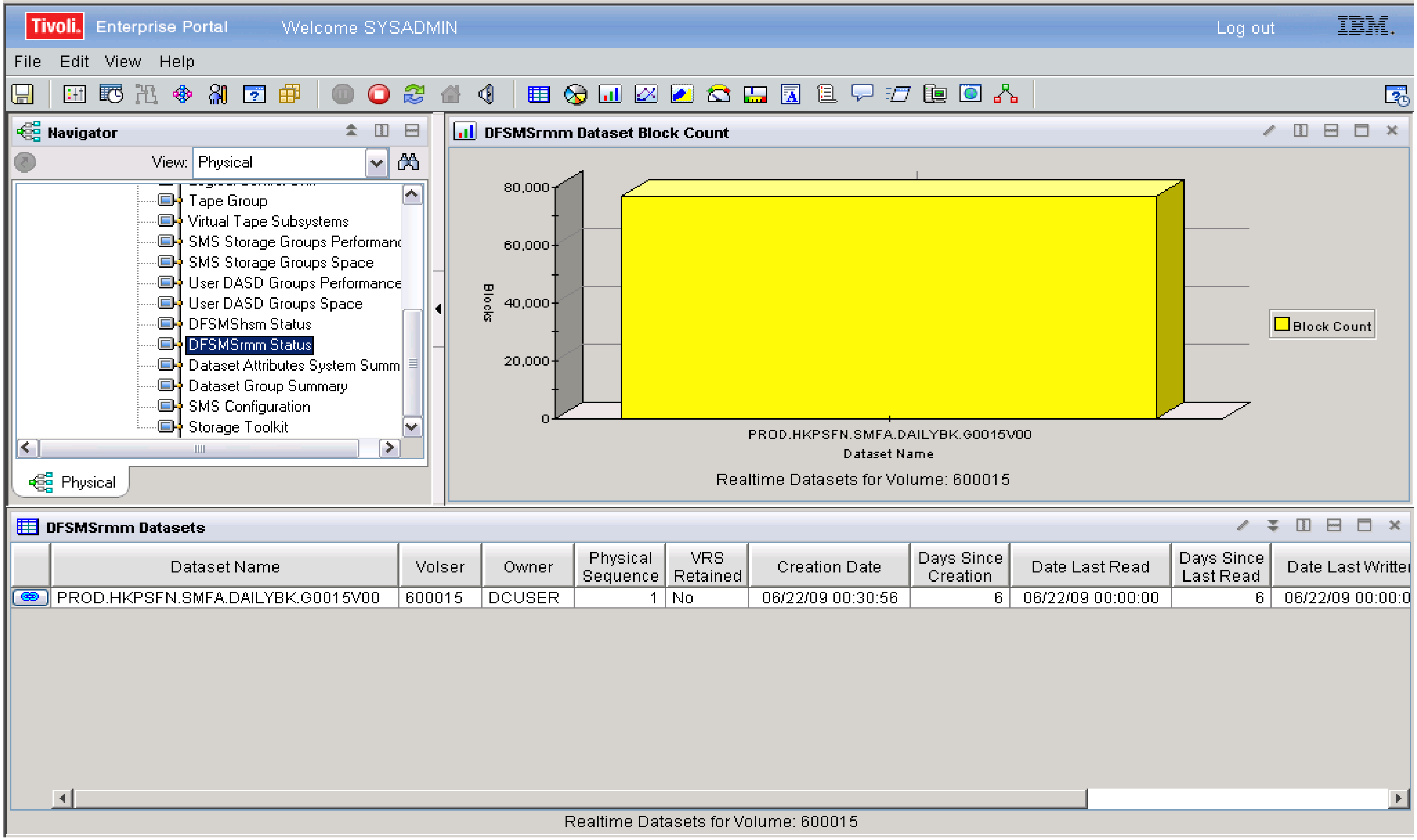
ary data as of 06/28/09 14:35:10

llection tatus	Summary Start		Volumes	Datasets	Volumes	Vo
on completed	07/13/09	4:56	8551	54811	8541	

								Init Volumes	Entry Volumes	Scratch Pending Volumes	Replace Pending Volumes	Return Pending Volumes	Init Vo
								0	0	0	0	0	
								0	0	0	0	0	
$DFHSMA	658	658	652	0	0	658	0	0	0	11	0	0	
$DFHSMG	5	5	5	0	0	5	0	0	0	0	0	0	

Summary data as of 06/28/09 14:35:10

Rmm OWNER Details

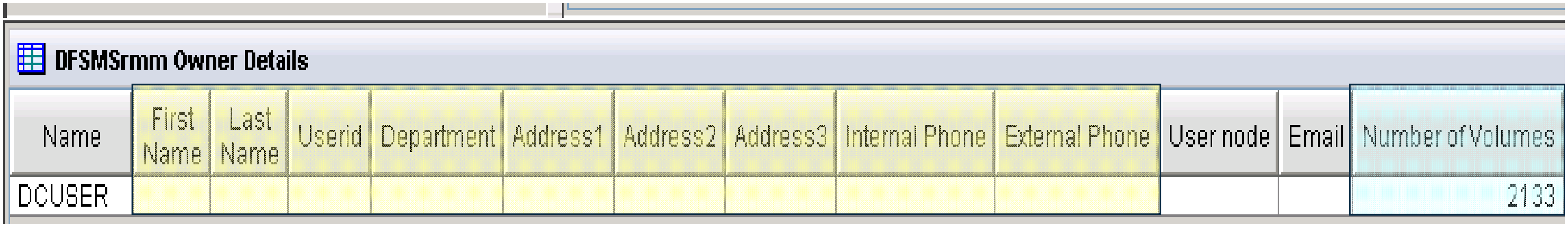

Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performanc
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summ
Dataset Group Summary
SMS Configuration
Storage Toolkit
Physical
DFSMSrmm Dataset Block Count
80,000
60,000
40,000
20,000
0
Blocks
Block Count
PROD.HKPSFN.SMFA.DAILYBK.G0015V00
Dataset Name
DFSMSrmm Datasets

Realtime Datasets for Volume: 600015

Dataset Name	Volser	Owner	Physical Sequence	VRS Retained	Creation Date	Days Since Creation	Date Last Read	Days Since Last Read	Date Last Writte
PROD.HKPSFN.SMFA.DAILYBK.G0015V00	600015	DCUSER	1	No	06/22/09 00:30:56	6	06/22/09 00:00:00	6	06/22/09 00:00:0

Realtime Datasets for Volume: 600015

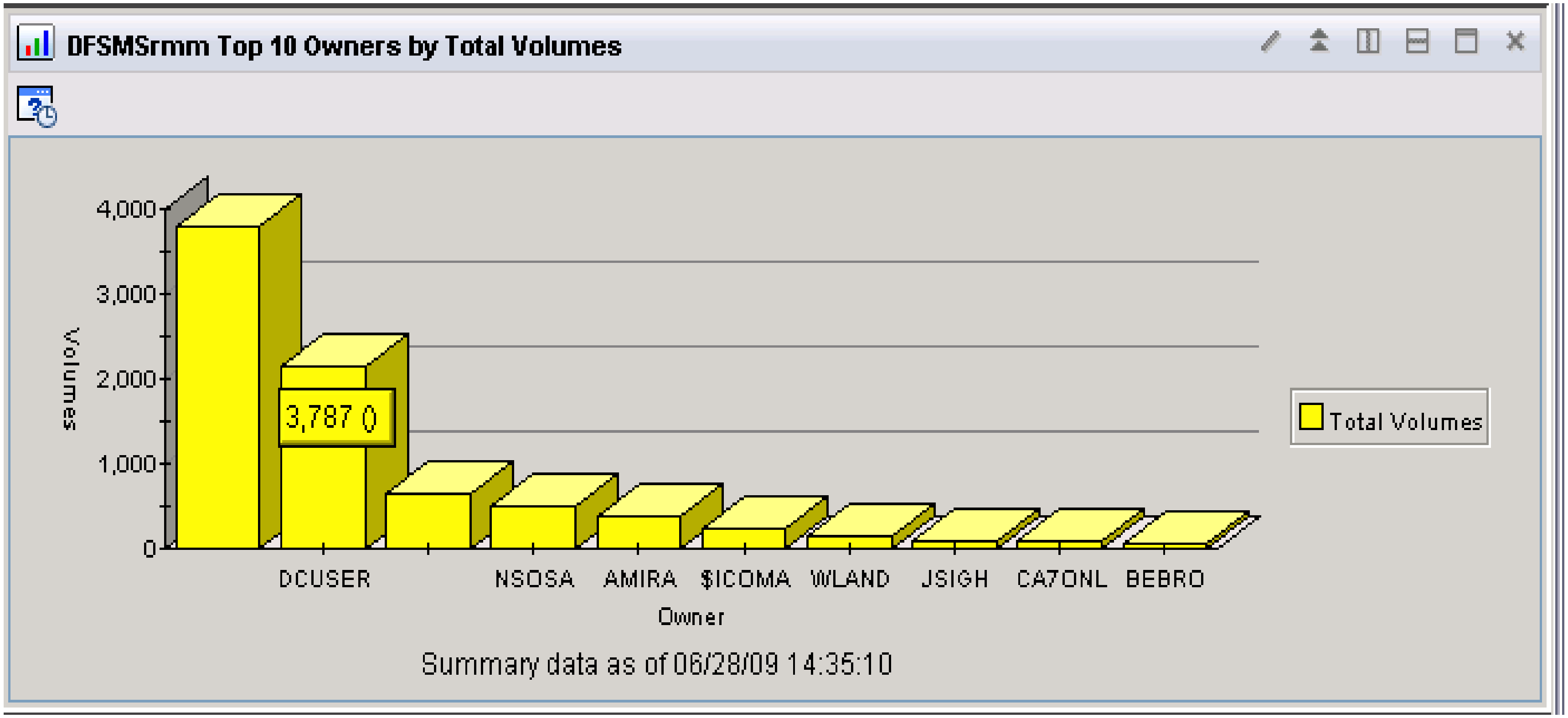
Rmm OWNER Details



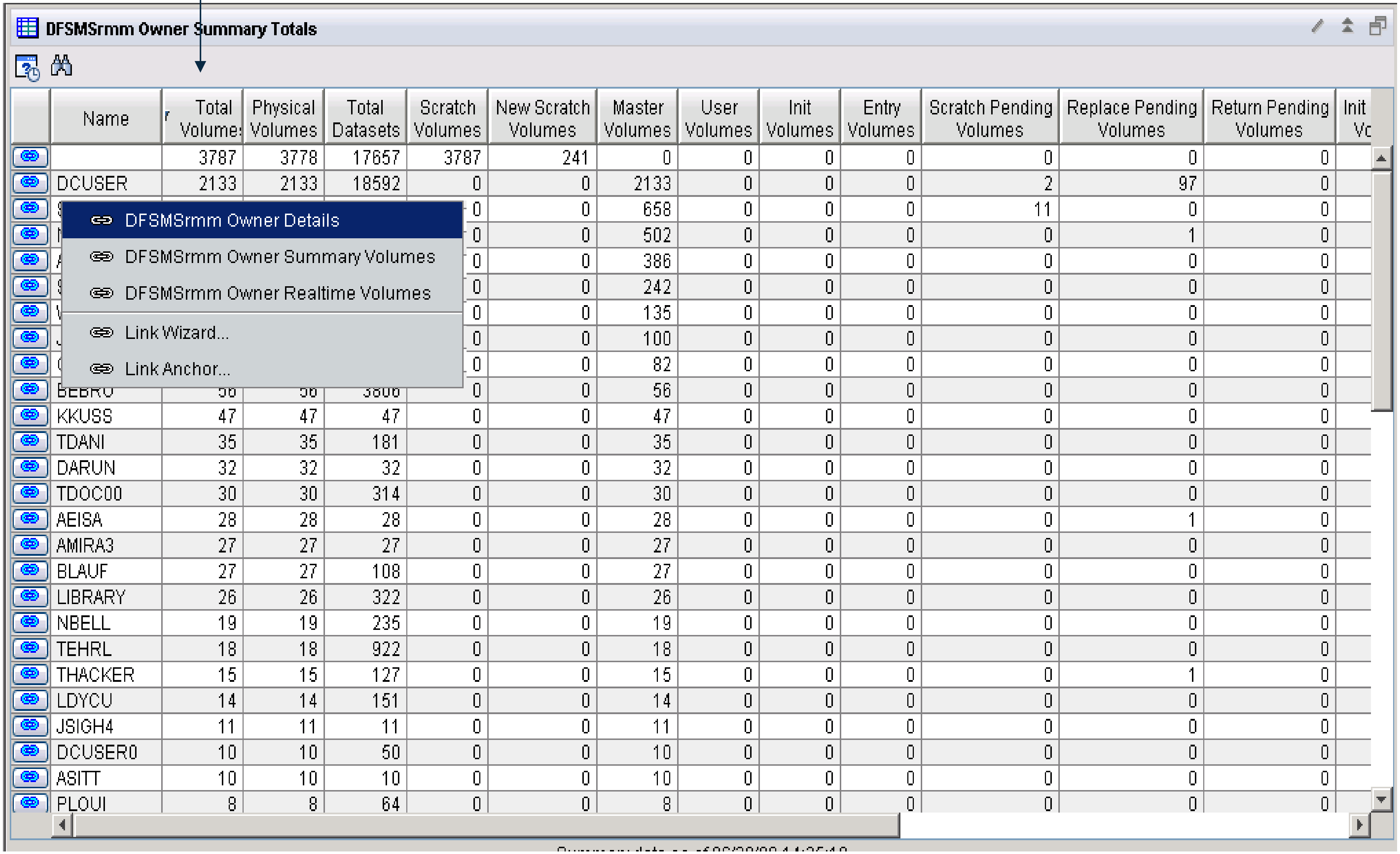
DFSMSrmm Owner Details

Name	First Name	Last Name	Userid	Department	Address1	Address2	Address3	Internal Phone	External Phone	User node	Email	Number of Volumes
DCUSER												2133

Top 10 Owners


DFSMSrmm Top 10 Owners by Total Volumes
4,000
3,000
2,000
1,000
0
Volumes
3,787 ()
DCUSER
NSOSA
AMIRA
$ICOMA
WLAND
JSIGH
CA7ONL
BEBRO
Owner
Total Volumes
Summary data as of 06/28/09 14:35:10

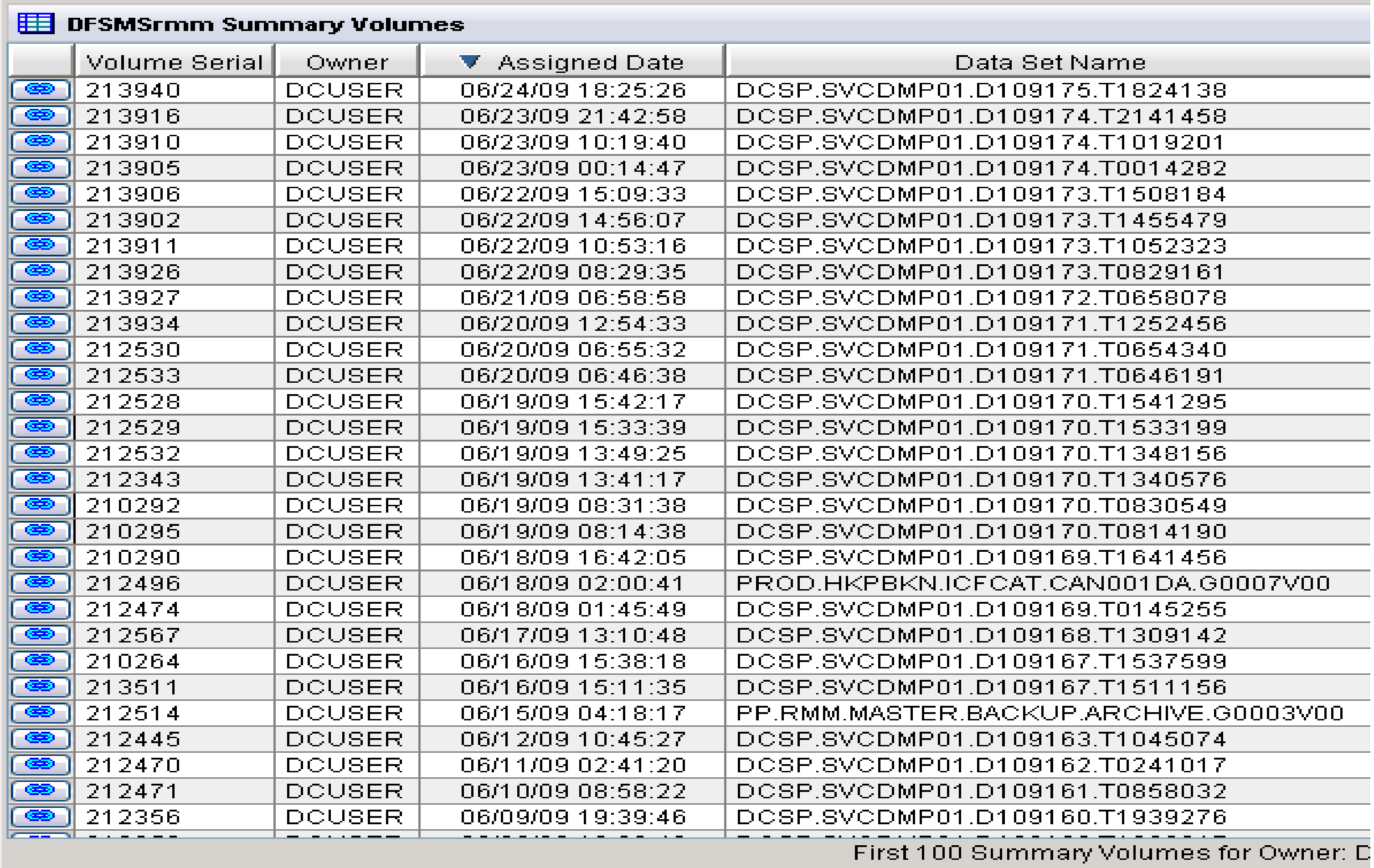
Owner Details


DFSMSrmm Owner Details
DFSMSrmm Owner Summary Volumes
DFSMSrmm Owner Realtime Volumes
Link Wizard...
Link Anchor...

DFSMSrmm Owner Summary Totals

Name	Total Volume:	Physical Volumes	Total Datasets	Scratch Volumes	New Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	Scratch Pending Volumes	Replace Pending Volumes	Return Pending Volumes	Init Vo
	3787	3778	17657	3787	241	0	0	0	0	0	0	0	
DCUSER	2133	2133	18592	0	0	2133	0	0	0	2	97	0	
				0	0	658	0	0	0	11	0	0	
				0	0	502	0	0	0	0	1	0	
				0	0	386	0	0	0	0	0	0	
				0	0	242	0	0	0	0	0	0	
				0	0	135	0	0	0	0	0	0	
				0	0	100	0	0	0	0	0	0	
				0	0	82	0	0	0	0	0	0	
BEBRO	56	56	3606	0	0	56	0	0	0	0	0	0	
KKUSS	47	47	47	0	0	47	0	0	0	0	0	0	
TDANI	35	35	181	0	0	35	0	0	0	0	0	0	
DARUN	32	32	32	0	0	32	0	0	0	0	0	0	
TDOC00	30	30	314	0	0	30	0	0	0	0	0	0	
AEISA	28	28	28	0	0	28	0	0	0	0	1	0	
AMIRA3	27	27	27	0	0	27	0	0	0	0	0	0	
BLAUF	27	27	108	0	0	27	0	0	0	0	0	0	
LIBRARY	26	26	322	0	0	26	0	0	0	0	0	0	
NBELL	19	19	235	0	0	19	0	0	0	0	0	0	
TEHRL	18	18	922	0	0	18	0	0	0	0	0	0	
THACKER	15	15	127	0	0	15	0	0	0	0	1	0	
LDYCU	14	14	151	0	0	14	0	0	0	0	0	0	
JSIGH4	11	11	11	0	0	11	0	0	0	0	0	0	
DCUSER0	10	10	50	0	0	10	0	0	0	0	0	0	
ASITT	10	10	10	0	0	10	0	0	0	0	0	0	
PLOUI	8	8	64	0	0	8	0	0	0	0	0	0	

Owner Volume Details

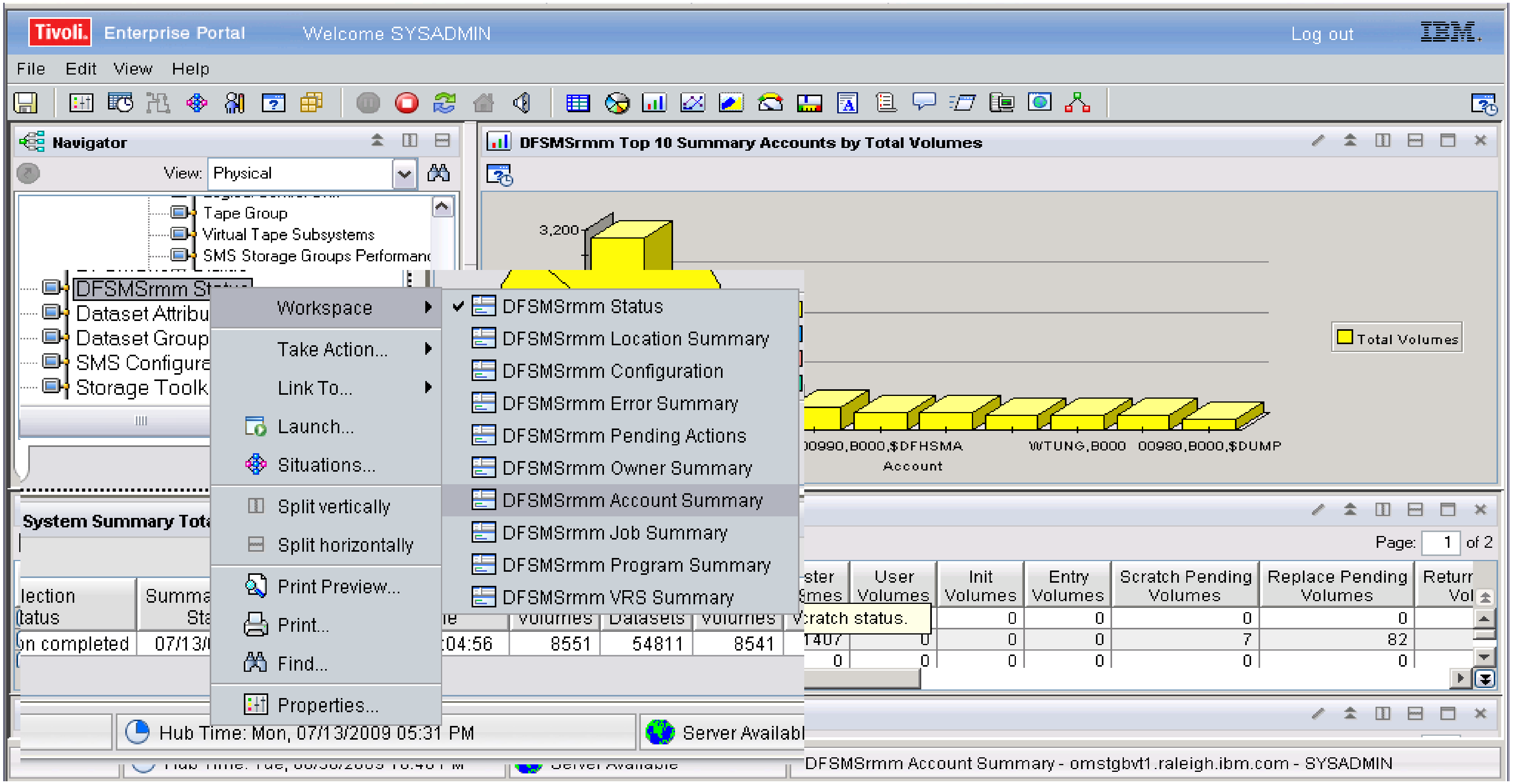


DFSMSrmm Summary Volumes

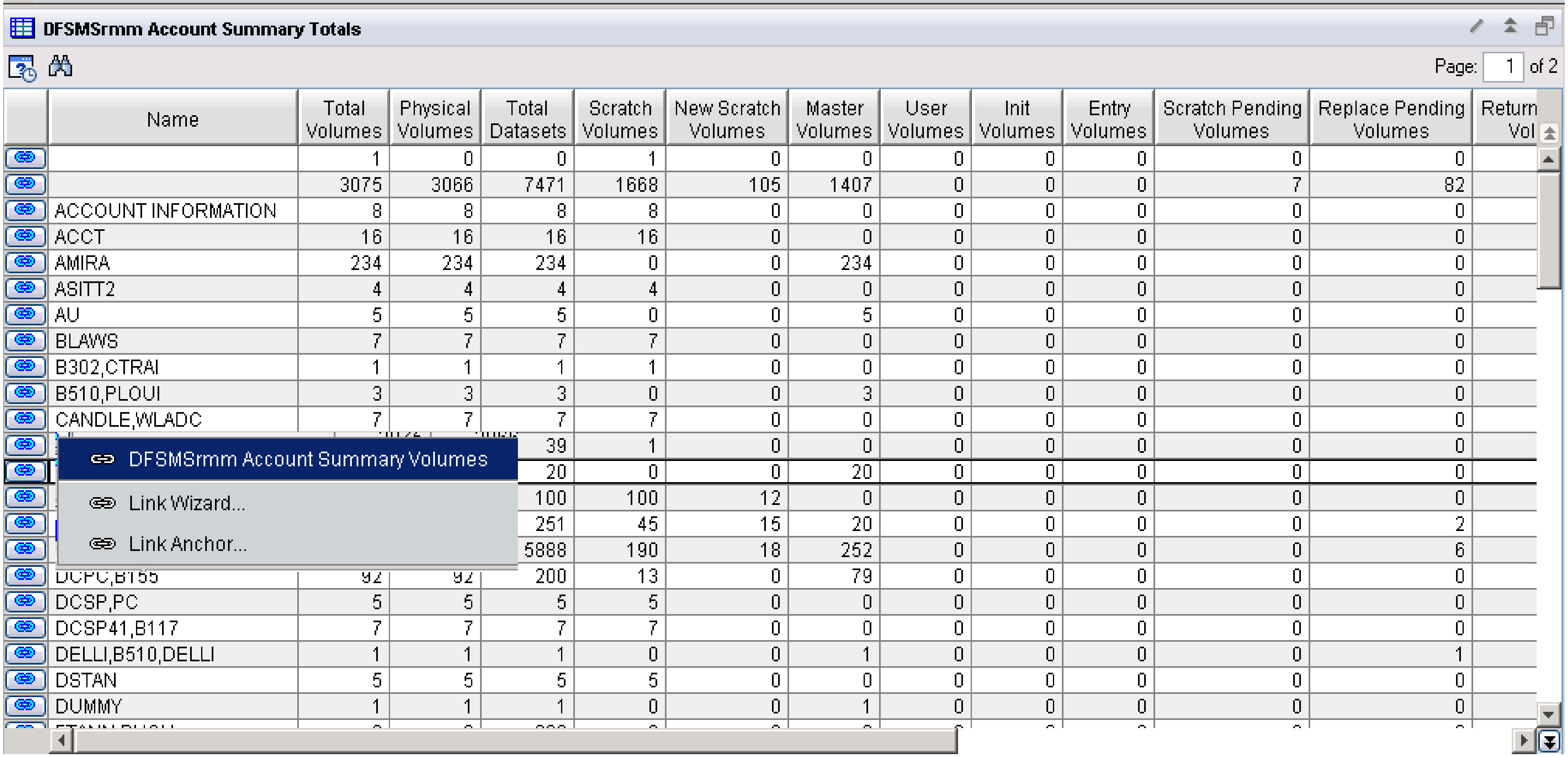
Volume Serial	Owner	▼ Assigned Date	Data Set Name
213940	DCUSER	06/24/09 18:25:26	DCSP.SVCDMP01.D109175.T1824138
213916	DCUSER	06/23/09 21:42:58	DCSP.SVCDMP01.D109174.T2141458
213910	DCUSER	06/23/09 10:19:40	DCSP.SVCDMP01.D109174.T1019201
213905	DCUSER	06/23/09 00:14:47	DCSP.SVCDMP01.D109174.T0014282
213906	DCUSER	06/22/09 15:09:33	DCSP.SVCDMP01.D109173.T1508184
213902	DCUSER	06/22/09 14:56:07	DCSP.SVCDMP01.D109173.T1455479
213911	DCUSER	06/22/09 10:53:16	DCSP.SVCDMP01.D109173.T1052323
213926	DCUSER	06/22/09 08:29:35	DCSP.SVCDMP01.D109173.T0829161
213927	DCUSER	06/21/09 06:58:58	DCSP.SVCDMP01.D109172.T0658078
213934	DCUSER	06/20/09 12:54:33	DCSP.SVCDMP01.D109171.T1252456
212530	DCUSER	06/20/09 06:55:32	DCSP.SVCDMP01.D109171.T0654340
212533	DCUSER	06/20/09 06:46:38	DCSP.SVCDMP01.D109171.T0646191
212528	DCUSER	06/19/09 15:42:17	DCSP.SVCDMP01.D109170.T1541295
212529	DCUSER	06/19/09 15:33:39	DCSP.SVCDMP01.D109170.T1533199
212532	DCUSER	06/19/09 13:49:25	DCSP.SVCDMP01.D109170.T1348156
212343	DCUSER	06/19/09 13:41:17	DCSP.SVCDMP01.D109170.T1340576
210292	DCUSER	06/19/09 08:31:38	DCSP.SVCDMP01.D109170.T0830549
210295	DCUSER	06/19/09 08:14:38	DCSP.SVCDMP01.D109170.T0814190
210290	DCUSER	06/18/09 16:42:05	DCSP.SVCDMP01.D109169.T1641456
212496	DCUSER	06/18/09 02:00:41	PROD.HKPBKN.ICFCAT.CAN001DA.G0007V00
212474	DCUSER	06/18/09 01:45:49	DCSP.SVCDMP01.D109169.T0145255
212567	DCUSER	06/17/09 13:10:48	DCSP.SVCDMP01.D109168.T1309142
210264	DCUSER	06/16/09 15:38:18	DCSP.SVCDMP01.D109167.T1537599
213511	DCUSER	06/16/09 15:11:35	DCSP.SVCDMP01.D109167.T1511156
212514	DCUSER	06/15/09 04:18:17	PP.RMM.MASTER.BACKUP.ARCHIVE.G0003V00
212445	DCUSER	06/12/09 10:45:27	DCSP.SVCDMP01.D109163.T1045074
212470	DCUSER	06/11/09 02:41:20	DCSP.SVCDMP01.D109162.T0241017
212471	DCUSER	06/10/09 08:58:22	DCSP.SVCDMP01.D109161.T0858032
212356	DCUSER	06/09/09 19:39:46	DCSP.SVCDMP01.D109160.T1939276

First 100 Summary Volumes for Owner: D

Rmm Account Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performanc
DFSMSrmm Status
Dataset Attribu
Dataset Group
SMS Configura
Storage Toolk
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
✓ DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Top 10 Summary Accounts by Total Volumes
3,200
Total Volumes
00990,B000,$DFHSMA
WTUNG,B000
00980,B000,$DUMP
Account
System Summary Tota
Page: 1 of 2
lection tatus
Summa Sta
ster mes
User Volumes
Init Volumes
Entry Volumes
Scratch Pending Volumes
Replace Pending Volumes
Returr Vol
scratch status.
on completed
07/13/
04:56
8551
54811
8541
1407
0
7
82
Hub Time: Mon, 07/13/2009 05:31 PM
Server Availabl
DFSMSrmm Account Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm Account Summary

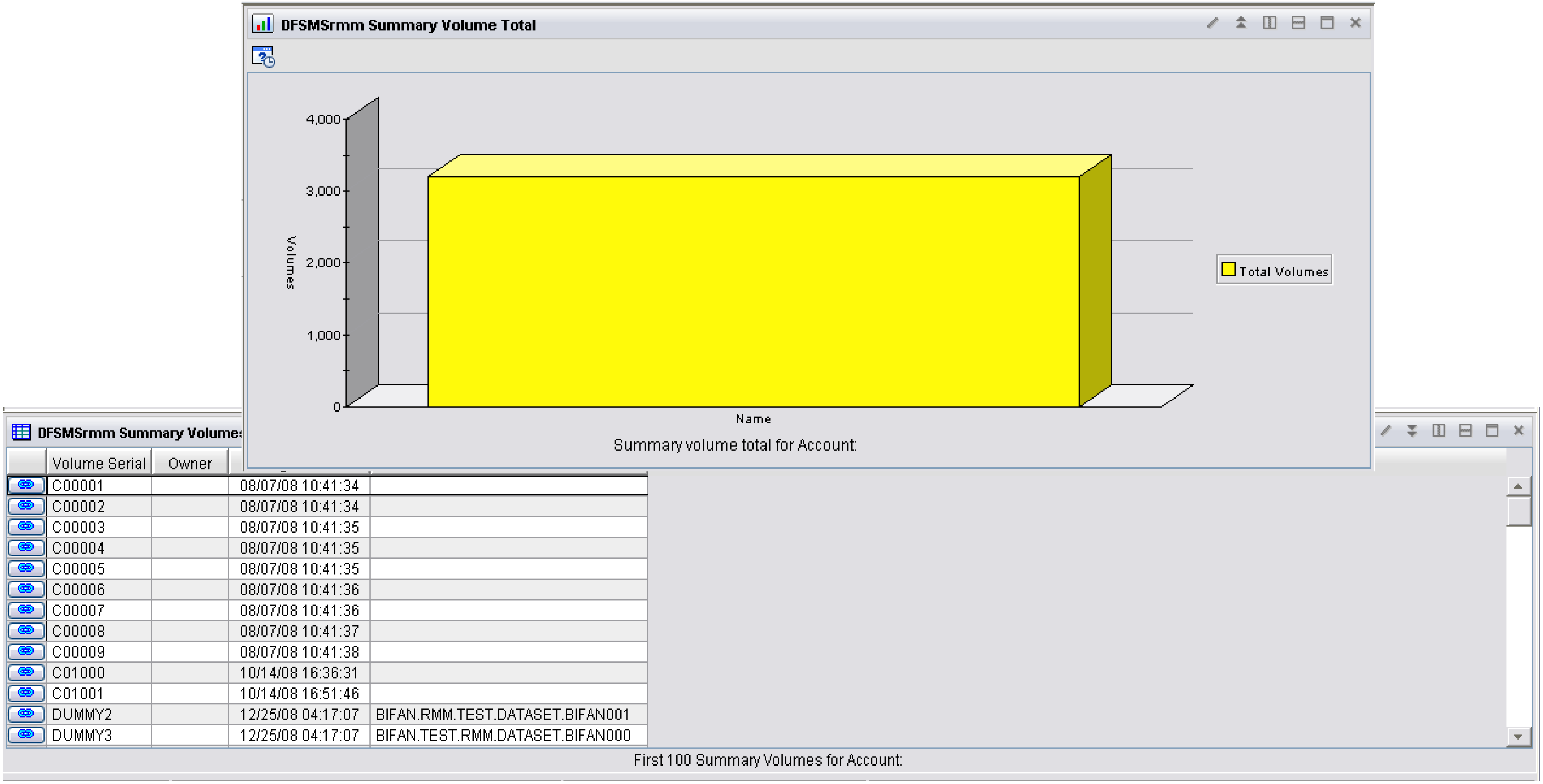


DFSMSrmm Account Summary Totals

Page: 1 of 2

	Name	Total Volumes	Physical Volumes	Total Datasets	Scratch Volumes	New Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	Scratch Pending Volumes	Replace Pending Volumes	Return Vol
		1	0	0	1	0	0	0	0	0	0	0	
		3075	3066	7471	1668	105	1407	0	0	0	7	82	
	ACCOUNT INFORMATION	8	8	8	8	0	0	0	0	0	0	0	
	ACCT	16	16	16	16	0	0	0	0	0	0	0	
	AMIRA	234	234	234	0	0	234	0	0	0	0	0	
	ASITT2	4	4	4	4	0	0	0	0	0	0	0	
	AU	5	5	5	0	0	5	0	0	0	0	0	
	BLAWS	7	7	7	7	0	0	0	0	0	0	0	
	B302,CTRAI	1	1	1	1	0	0	0	0	0	0	0	
	B510,PLOUI	3	3	3	0	0	3	0	0	0	0	0	
	CANDLE,WLADC	7	7	7	7	0	0	0	0	0	0	0	
				39	1	0	0	0	0	0	0	0	
				20	0	0	20	0	0	0	0	0	
				100	100	12	0	0	0	0	0	0	
				251	45	15	20	0	0	0	0	2	
				5888	190	18	252	0	0	0	0	6	
	DCPC,B155	92	92	200	13	0	79	0	0	0	0	0	
	DCSP,PC	5	5	5	5	0	0	0	0	0	0	0	
	DCSP41,B117	7	7	7	7	0	0	0	0	0	0	0	
	DELLI,B510,DELLI	1	1	1	0	0	1	0	0	0	0	1	
	DSTAN	5	5	5	5	0	0	0	0	0	0	0	
	DUMMY	1	1	1	0	0	1	0	0	0	0	0	

Rmm Account Details

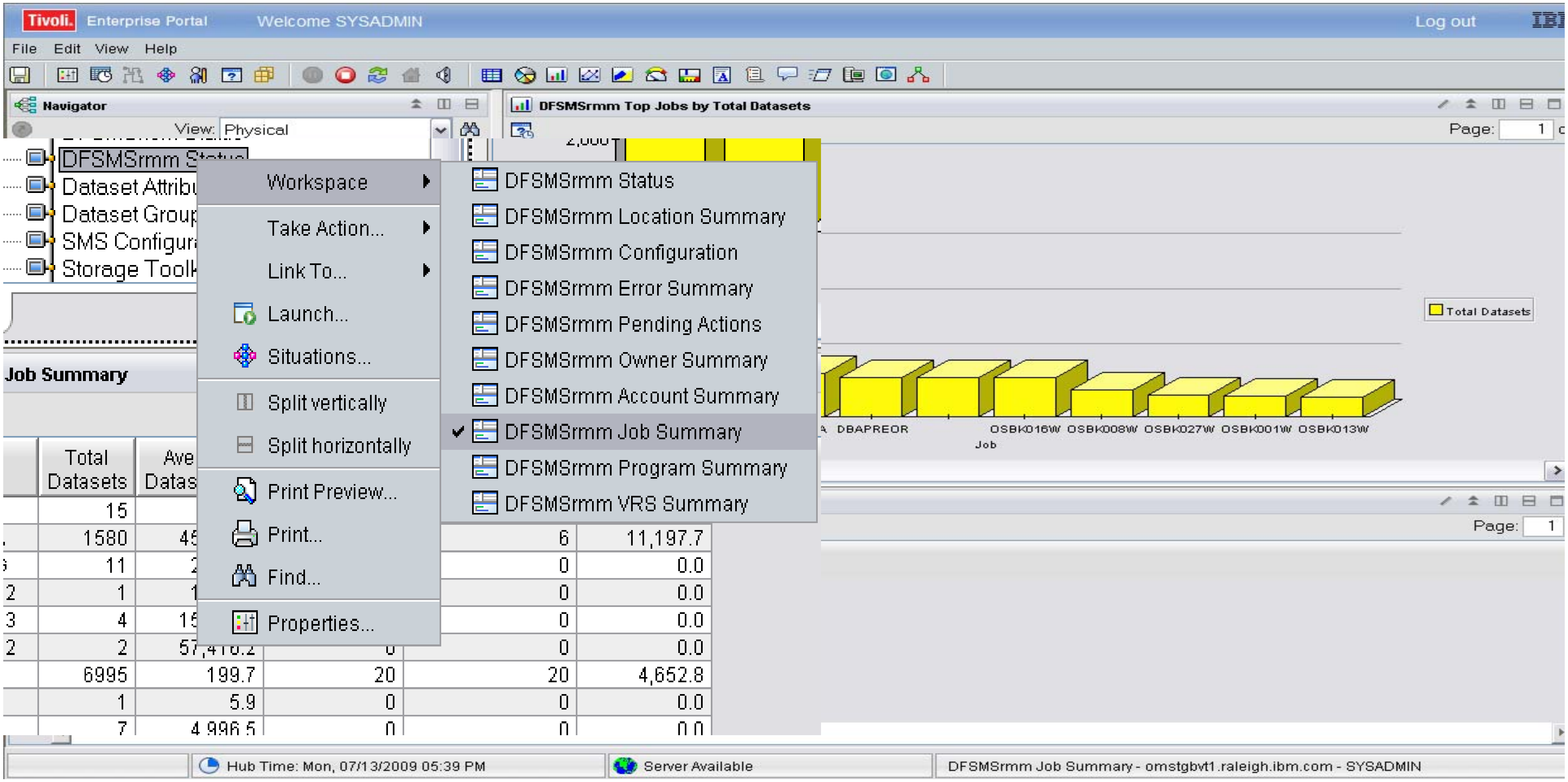

DFSMSrmm Summary Volume Total
4,000
3,000
2,000
1,000
0
Volumes
Name
Total Volumes
DFSMSrmm Summary Volume

Summary volume total for Account:

Volume Serial	Owner		
C00001		08/07/08 10:41:34	
C00002		08/07/08 10:41:34	
C00003		08/07/08 10:41:35	
C00004		08/07/08 10:41:35	
C00005		08/07/08 10:41:35	
C00006		08/07/08 10:41:36	
C00007		08/07/08 10:41:36	
C00008		08/07/08 10:41:37	
C00009		08/07/08 10:41:38	
C01000		10/14/08 16:36:31	
C01001		10/14/08 16:51:46	
DUMMY2		12/25/08 04:17:07	BIFAN.RMM.TEST.DATASET.BIFAN001
DUMMY3		12/25/08 04:17:07	BIFAN.TEST.RMM.DATASET.BIFAN000

First 100 Summary Volumes for Account:

Rmm Job Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
File Edit View Help
Navigator
View: Physical
DFSMSrmm Status
Dataset Attribu
Dataset Group
SMS Configura
Storage Toolk
Job Summary
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
✓ DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Top Jobs by Total Datasets
Page: 1
2,000
Total Datasets
DBAPREOR
OSBK016W
OSBK008W
OSBK027W
OSBK001W
OSBK013W
Job
Page: 1

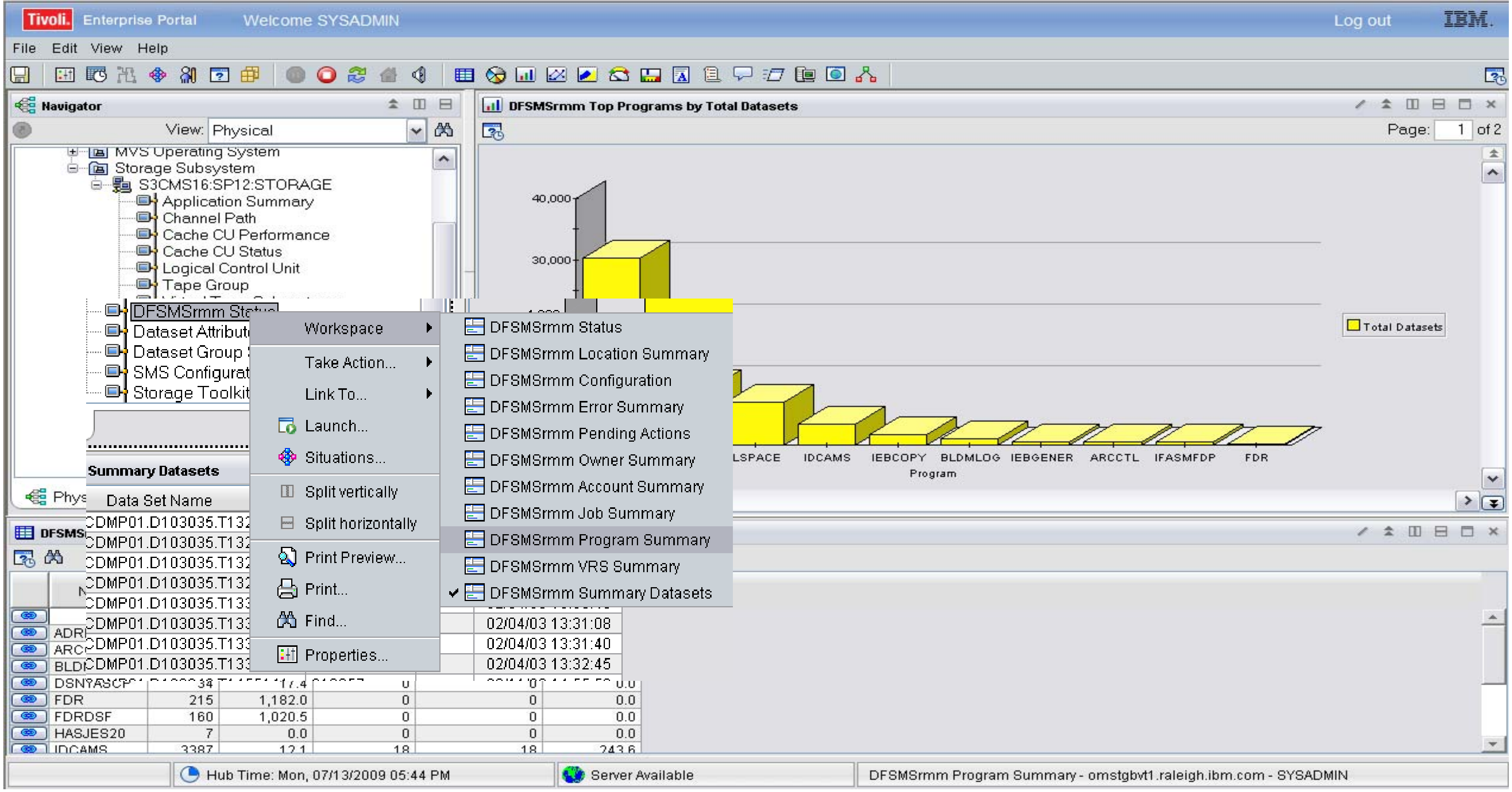
	Total Datasets	Ave Datas			
	15				
.	1580	45		6	11,197.7
5	11	2		0	0.0
2	1	1		0	0.0
3	4	15		0	0.0
2	2	57,410.2	0	0	0.0
	6995	199.7	20	20	4,652.8
	1	5.9	0	0	0.0
	7	4,996.5	0	0	0.0

Hub Time: Mon, 07/13/2009 05:39 PM

Server Available

DFSMSrmm Job Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm Program Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
DFSMSrmm Status
Dataset Attribut
Dataset Group
SMS Configurat
Storage Toolkit
Phys
Workspace
Take Action...
Link To...
Launch...
Situations...
Split vertically
Split horizontally
Print Preview...
Print...
Find...
Properties...
DFSMSrmm Status
DFSMSrmm Location Summary
DFSMSrmm Configuration
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
✓ DFSMSrmm Summary Datasets
DFSMSrmm Top Programs by Total Datasets
Page: 1 of 2
40,000
30,000
LSPACE
IDCAMS
IEBCOPY
BLDMLOG
IEBGENER
ARCCTL
IFASMFDP
FDR
Program
Total Datasets
Summary Datasets
Data Set Name
DFSMS
ADR
ARC
BLD

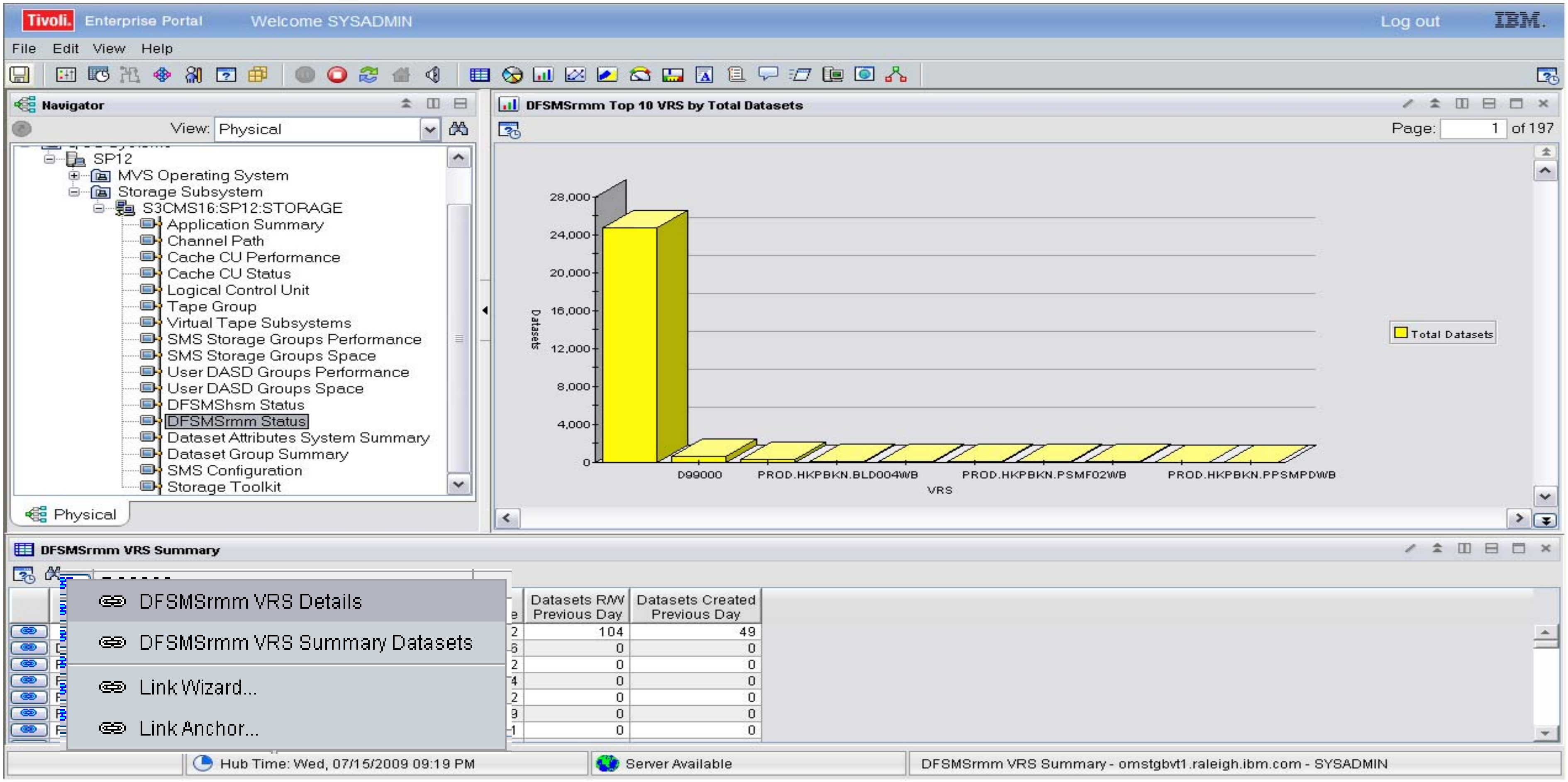
CDMP01.D103035.T132					
CDMP01.D103035.T132					
CDMP01.D103035.T132					
CDMP01.D103035.T132					
CDMP01.D103035.T133					
CDMP01.D103035.T133				02/04/03 13:31:08	
CDMP01.D103035.T133				02/04/03 13:31:40	
CDMP01.D103035.T133				02/04/03 13:32:45	
DSNYASCP	34	17.4	0	0	0.0
FDR	215	1,182.0	0	0	0.0
FDRDSF	160	1,020.5	0	0	0.0
HASJES20	7	0.0	0	0	0.0
IDCAMS	3387	12.1	18	18	243.6

Hub Time: Mon, 07/13/2009 05:44 PM

Server Available

DFSMSrmm Program Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm VRS Summary


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
SP12
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
Physical
DFSMSrmm Top 10 VRS by Total Datasets
Page: 1 of 197
28,000
24,000
20,000
16,000
12,000
8,000
4,000
0
Datasets
D99000
PROD.HKPBKN.BLD004WB
PROD.HKPBKN.PSMF02WB
PROD.HKPBKN.PPSMPDWB
VRS
Total Datasets
DFSMSrmm VRS Summary
DFSMSrmm VRS Details
DFSMSrmm VRS Summary Datasets
Link Wizard...
Link Anchor...

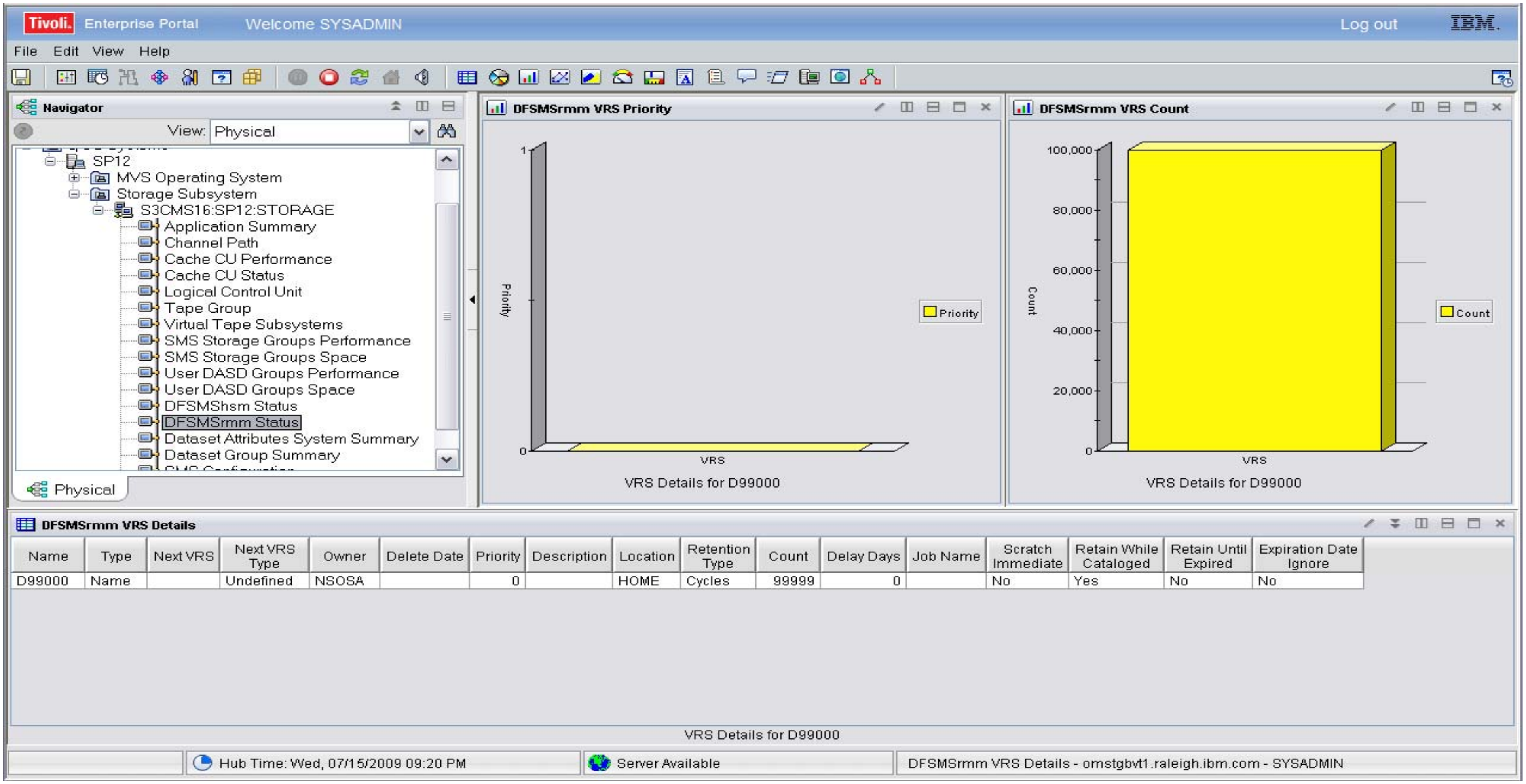
Datasets R/W Previous Day	Datasets Created Previous Day
104	49
0	0
0	0
0	0
0	0
0	0
0	0

Hub Time: Wed, 07/15/2009 09:19 PM

Server Available

DFSMSrmm VRS Summary - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm VRS Details



Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
SP12
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
Physical
DFSMSrmm VRS Priority
1
0
Priority
Priority
VRS
VRS Details for D99000
DFSMSrmm VRS Count
100,000
80,000
60,000
40,000
20,000
0
Count
Count
VRS
VRS Details for D99000
DFSMSrmm VRS Details

Name	Type	Next VRS	Next VRS Type	Owner	Delete Date	Priority	Description	Location	Retention Type	Count	Delay Days	Job Name	Scratch Immediate	Retain While Cataloged	Retain Until Expired	Expiration Date Ignore
D99000	Name		Undefined	NSOSA		0		HOME	Cycles	99999	0		No	Yes	No	No

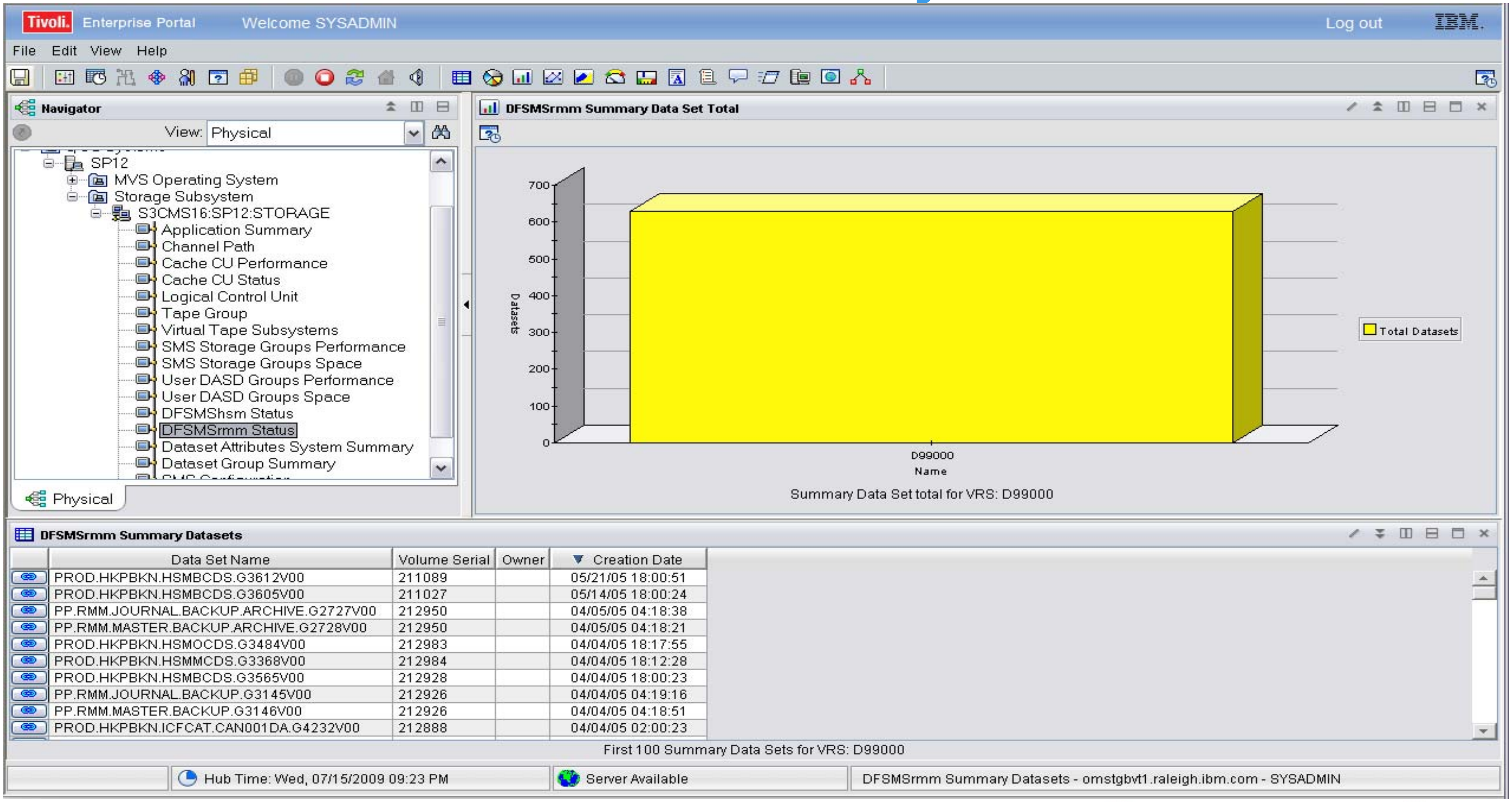
VRS Details for D99000

Hub Time: Wed, 07/15/2009 09:20 PM

Server Available

DFSMSrmm VRS Details - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm VRS Summary Details


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
SP12
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
Physical
DFSMSrmm Summary Data Set Total
700
600
500
400
300
200
100
0
Datasets
D99000
Name
Total Datasets

Summary Data Set total for VRS: D99000

DFSMSrmm Summary Datasets

Data Set Name	Volume Serial	Owner	▼ Creation Date
PROD.HKPBKN.HSMBCDS.G3612V00	211089		05/21/05 18:00:51
PROD.HKPBKN.HSMBCDS.G3605V00	211027		05/14/05 18:00:24
PP.RMM.JOURNAL.BACKUP.ARCHIVE.G2727V00	212950		04/05/05 04:18:38
PP.RMM.MASTER.BACKUP.ARCHIVE.G2728V00	212950		04/05/05 04:18:21
PROD.HKPBKN.HSMOCDS.G3484V00	212983		04/04/05 18:17:55
PROD.HKPBKN.HSMMCDS.G3368V00	212984		04/04/05 18:12:28
PROD.HKPBKN.HSMBCDS.G3565V00	212928		04/04/05 18:00:23
PP.RMM.JOURNAL.BACKUP.G3145V00	212926		04/04/05 04:19:16
PP.RMM.MASTER.BACKUP.G3146V00	212926		04/04/05 04:18:51
PROD.HKPBKN.ICFCAT.CAN001DA.G4232V00	212888		04/04/05 02:00:23

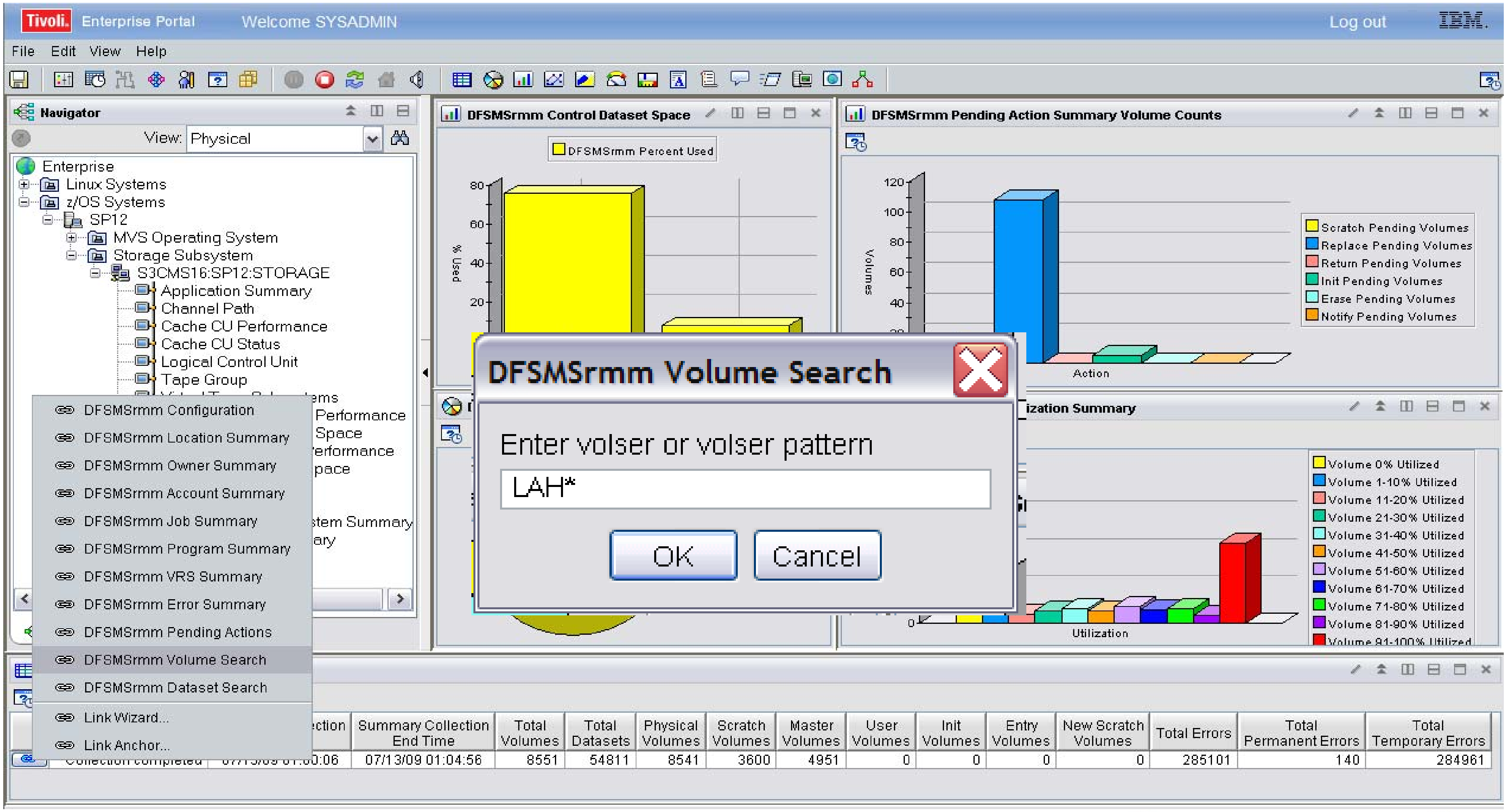
First 100 Summary Data Sets for VRS: D99000

Hub Time: Wed, 07/15/2009 09:23 PM

Server Available

DFSMSrmm Summary Datasets - omstgbvt1.raleigh.ibm.com - SYSADMIN

Rmm Volume Search


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Enterprise
Linux Systems
z/OS Systems
SP12
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
DFSMSrmm Configuration
DFSMSrmm Location Summary
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Volume Search
DFSMSrmm Dataset Search
Link Wizard...
Link Anchor...
DFSMSrmm Control Dataset Space
DFSMSrmm Percent Used
% Used
80
60
40
20
DFSMSrmm Pending Action Summary Volume Counts
Volumes
120
100
80
60
40
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
ization Summary
Utilization
0
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
DFSMSrmm Volume Search
OK
Cancel

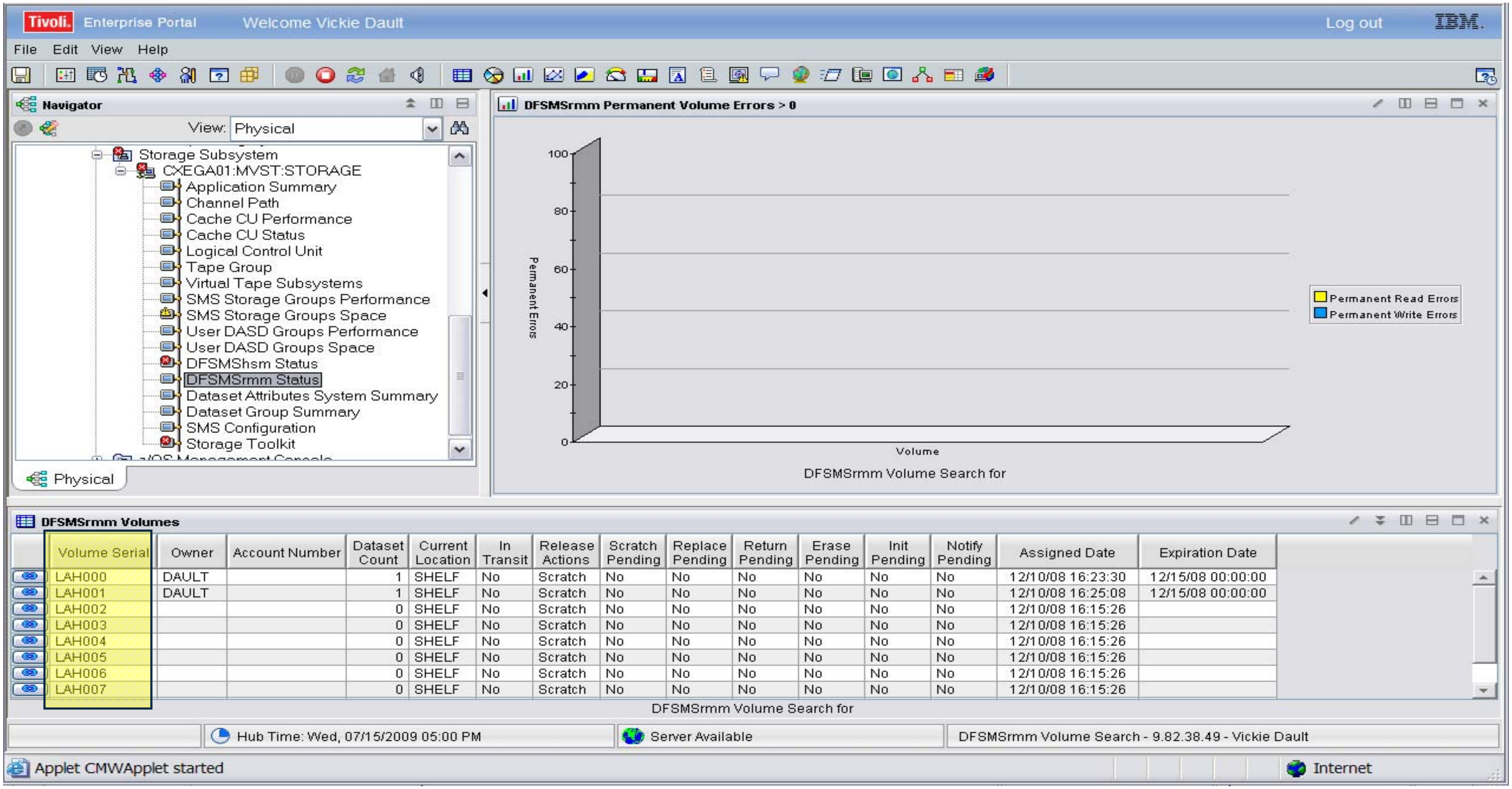
DFSMSrmm Volume Search

Enter volser or volser pattern

LAH*

Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
07/13/09 01:04:56	8551	54811	8541	3600	4951	0	0	0	0	285101	140	284961

Rmm Volume Search Results


Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Storage Subsystem
CXEGA01:MVST:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
Physical
DFSMSrmm Permanent Volume Errors > 0
100
80
60
40
20
0
Permanent Erros
Volume
DFSMSrmm Volume Search for
Permanent Read Errors
Permanent Write Errors
DFSMSrmm Volumes

Volume Serial	Owner	Account Number	Dataset Count	Current Location	In Transit	Release Actions	Scratch Pending	Replace Pending	Return Pending	Erase Pending	Init Pending	Notify Pending	Assigned Date	Expiration Date
LAH000	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:23:30	12/15/08 00:00:00
LAH001	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:25:08	12/15/08 00:00:00
LAH002			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH003			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH004			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH005			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH006			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH007			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	

DFSMSrmm Volume Search for

Hub Time: Wed, 07/15/2009 05:00 PM

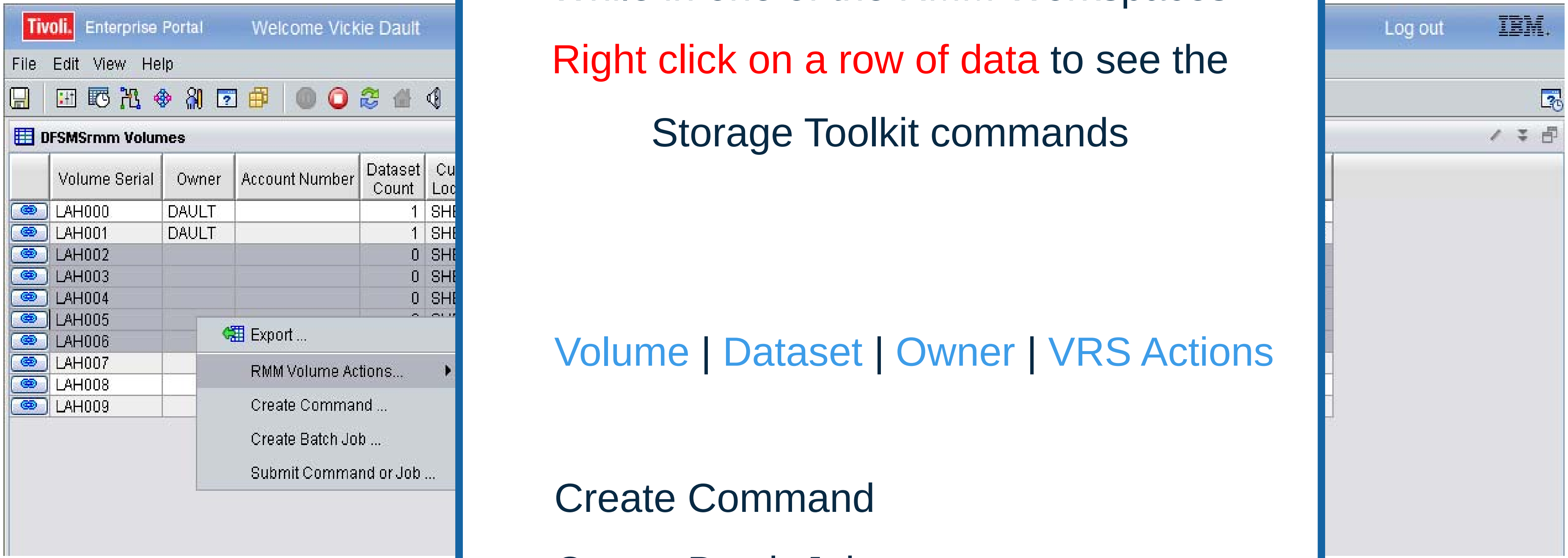
Server Available

DFSMSrmm Volume Search - 9.82.38.49 - Vickie Dault

Applet CMWApplet started

Internet

Rmm Volume Search Results and Commands


Tivoli.
Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File
Edit
View
Help
DFSMSrmm Volumes
Export ...
RMM Volume Actions...
Create Command ...
Create Batch Job ...
Submit Command or Job ...

Volume Serial	Owner	Account Number	Dataset Count	Cu Loc
LAH000	DAULT		1	SHE
LAH001	DAULT		1	SHE
LAH002			0	SHE
LAH003			0	SHE
LAH004			0	SHE
LAH005				
LAH006				
LAH007				
LAH008				
LAH009				

While in one of the RMM Workspaces

Right click on a row of data to see the

Storage Toolkit commands

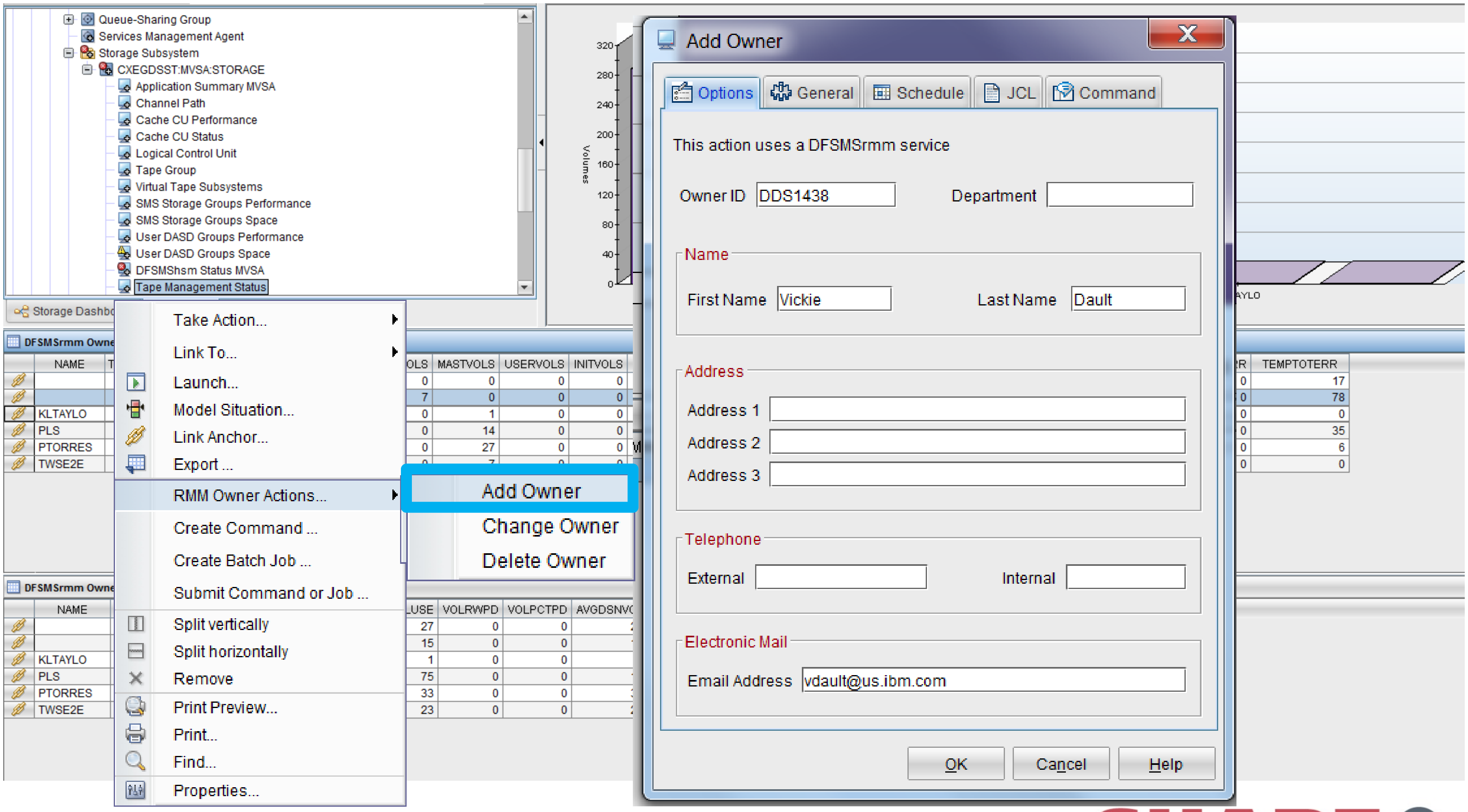
Volume | Dataset | Owner | VRS Actions

Create Command

Create Batch Job

Submit Command or Job (redrive previously built)

Rmm OWNERs Results and Commands


Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Storage Dashbo
DFSMSrmm Owne
NAME
KLTAYLO
PLS
PTORRES
TWSE2E
Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Owner Actions...
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
Add Owner
Change Owner
Delete Owner
Volumes
MASTVOLS
USERVOLS
INITVOLS
TEMPTOTERR
VOLRWPD
VOLPCTPD
AVGDSNVO
Add Owner
Options
General
Schedule
JCL
Command
OK
Cancel
Help

This action uses a DFSMSrmm service

Owner ID DDS1438
Department

Name

First Name Vickie
Last Name Dault

Address

Address 1
Address 2
Address 3

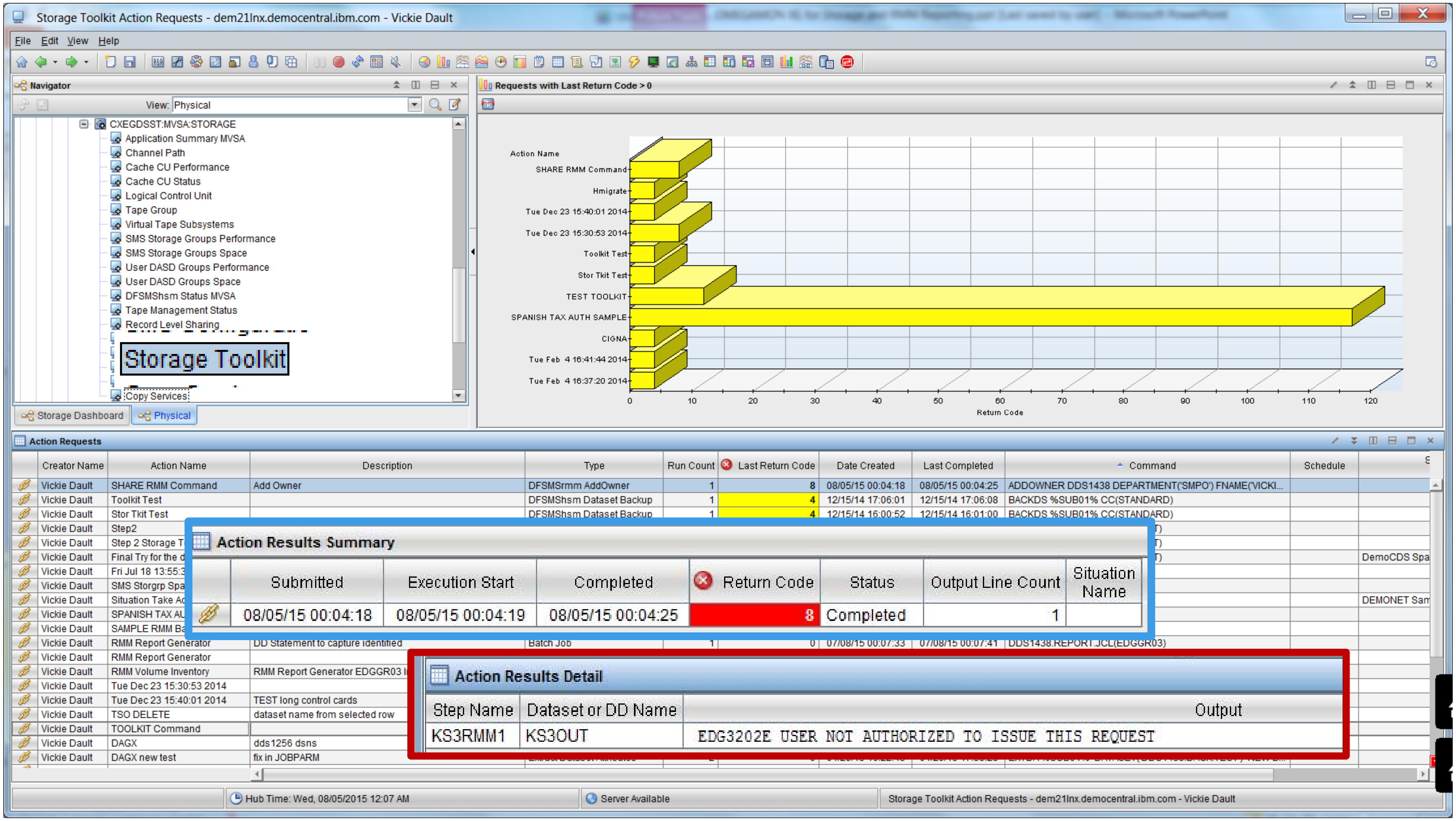
Telephone

External
Internal

Electronic Mail

Email Address vdault@us.ibm.com

Rmm OWNERs Results and Commands


Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Storage Toolkit
Copy Services
Storage Dashboard
Physical
Requests with Last Return Code > 0
Action Name
SHARE RMM Command
Hmigrate
Tue Dec 23 15:40:01 2014
Tue Dec 23 15:30:53 2014
Toolkit Test
Stor Tkit Test
TEST TOOLKIT
SPANISH TAX AUTH SAMPLE
CIGNA
Tue Feb 4 16:41:44 2014
Tue Feb 4 16:37:20 2014
0
10
20
30
40
50
60
70
80
90
100
110
120
Return Code
Action Requests

	Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed	Command	Schedule	
	Vickie Dault	SHARE RMM Command	Add Owner	DFSMSrmm AddOwner	1	8	08/05/15 00:04:18	08/05/15 00:04:25	ADDOWNER DDS1438 DEPARTMENT('SMPO') FNAME('VICKI...		
	Vickie Dault	Toolkit Test		DFSMShsm Dataset Backup	1	4	12/15/14 17:06:01	12/15/14 17:06:08	BACKDS %SUB01% CC(STANDARD)		
	Vickie Dault	Stor Tkit Test		DFSMShsm Dataset Backup	1	4	12/15/14 16:00:52	12/15/14 16:01:00	BACKDS %SUB01% CC(STANDARD)		
	Vickie Dault	Step2							T)		
	Vickie Dault	Step 2 Storage T							T)		
	Vickie Dault	Final Try for the d							T)		DemoCDS Spa
	Vickie Dault	Fri Jul 18 13:55:3									
	Vickie Dault	SMS Storgrp Spa									
	Vickie Dault	Situation Take Ac									DEMONET Sam
	Vickie Dault	SPANISH TAX AU									
	Vickie Dault	SAMPLE RMM Ba									
	Vickie Dault	RMM Report Generator	DD Statement to capture identified	Batch Job	1	0	07/08/15 00:07:33	07/08/15 00:07:41	DDS1438.REPORT.JCL(EDGGR03)		
	Vickie Dault	RMM Report Generator									
	Vickie Dault	RMM Volume Inventory	RMM Report Generator EDGGR03 I								
	Vickie Dault	Tue Dec 23 15:30:53 2014									
	Vickie Dault	Tue Dec 23 15:40:01 2014	TEST long control cards								
	Vickie Dault	TSO DELETE	dataset name from selected row								
	Vickie Dault	TOOLKIT Command									
	Vickie Dault	DAGX	dds1256 dsns								
	Vickie Dault	DAGX new test	fix in JOBPARM								

Action Results Summary

	Submitted	Execution Start	Completed	Return Code	Status	Output Line Count	Situation Name
	08/05/15 00:04:18	08/05/15 00:04:19	08/05/15 00:04:25	8	Completed	1	

Action Results Detail

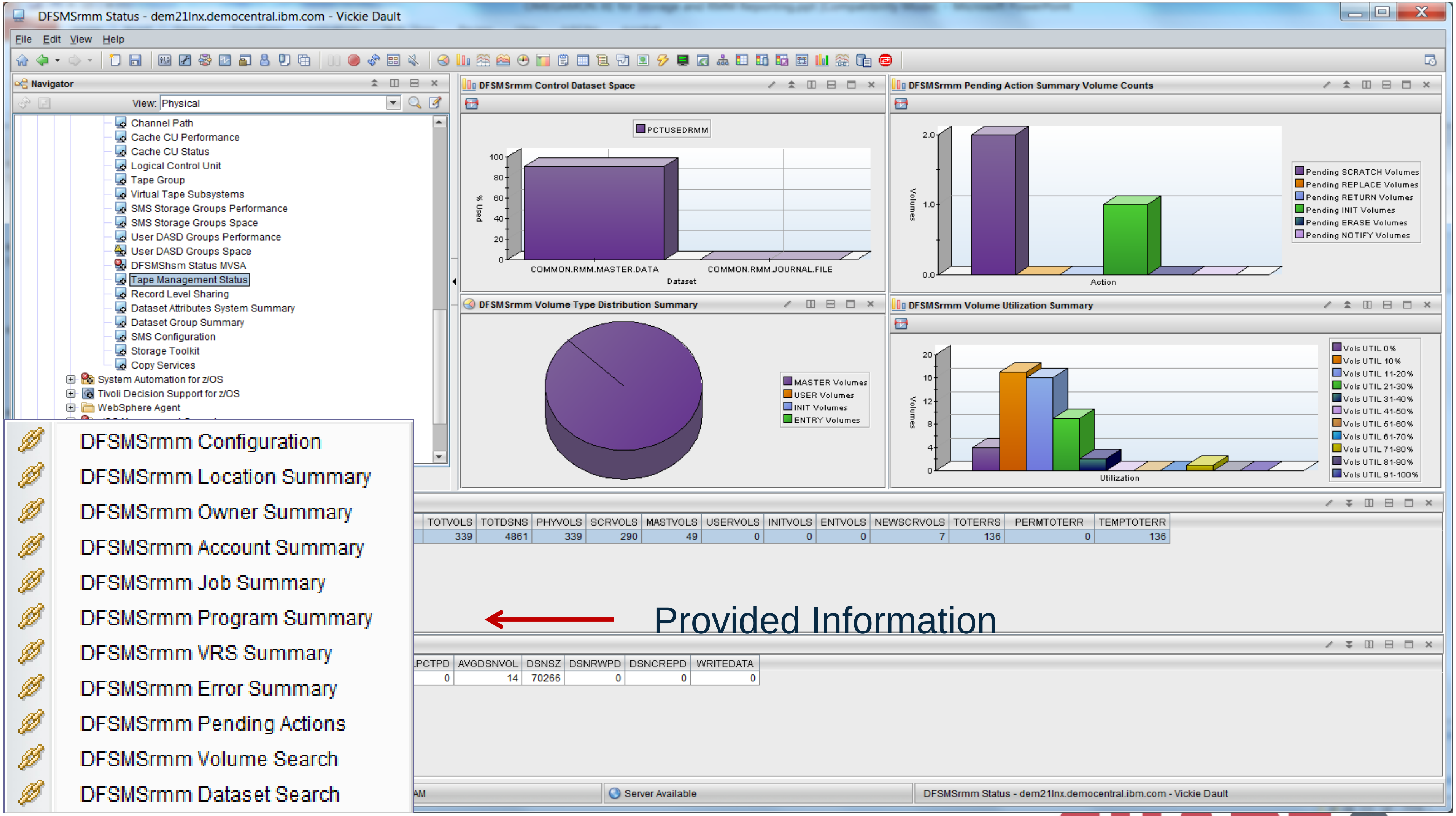
Step Name	Dataset or DD Name	Output
KS3RMM1	KS3OUT	EDG3202E USER NOT AUTHORIZED TO ISSUE THIS REQUEST

Hub Time: Wed, 08/05/2015 12:07 AM

Server Available

Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault

Rmm Submit a Command/Batch Job


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
Copy Services
System Automation for z/OS
Tivoli Decision Support for z/OS
WebSphere Agent
DFSMSrmm Control Dataset Space
PCTUSEDRMM
% Used
100
80
60
40
20
0
COMMON.RMM.MASTER.DATA
COMMON.RMM.JOURNAL.FILE
Dataset
DFSMSrmm Pending Action Summary Volume Counts
Volumes
2.0
1.0
0.0
Action
Pending SCRATCH Volumes
Pending REPLACE Volumes
Pending RETURN Volumes
Pending INIT Volumes
Pending ERASE Volumes
Pending NOTIFY Volumes
DFSMSrmm Volume Type Distribution Summary
MASTER Volumes
USER Volumes
INIT Volumes
ENTRY Volumes
DFSMSrmm Volume Utilization Summary
Volumes
20
16
12
8
4
0
Utilization
Vols UTIL 0%
Vols UTIL 10%
Vols UTIL 11-20%
Vols UTIL 21-30%
Vols UTIL 31-40%
Vols UTIL 41-50%
Vols UTIL 51-60%
Vols UTIL 61-70%
Vols UTIL 71-80%
Vols UTIL 81-90%
Vols UTIL 91-100%
AM
Server Available
DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault

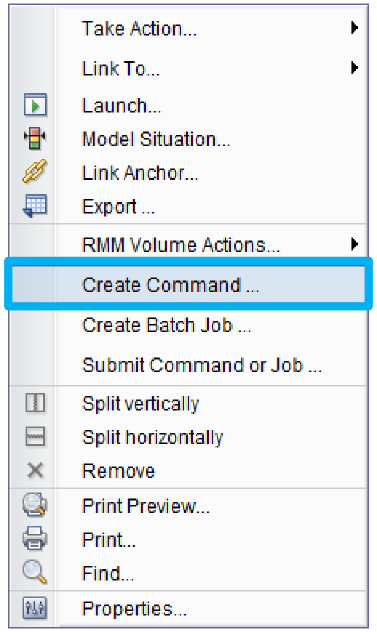
- DFSMSrmm Configuration
- DFSMSrmm Location Summary
- DFSMSrmm Owner Summary
- DFSMSrmm Account Summary
- DFSMSrmm Job Summary
- DFSMSrmm Program Summary
- DFSMSrmm VRS Summary
- DFSMSrmm Error Summary
- DFSMSrmm Pending Actions
- DFSMSrmm Volume Search
- DFSMSrmm Dataset Search

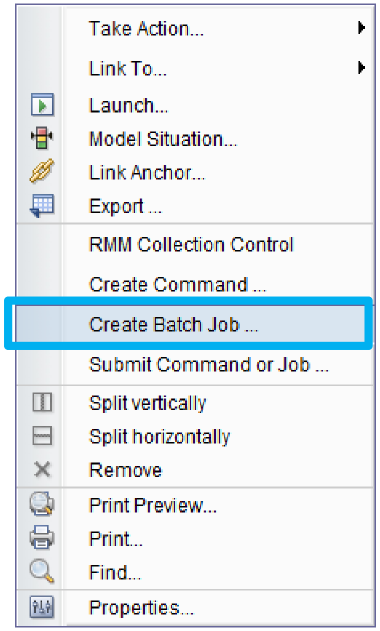
TOTVOLS	TOTDSNS	PHYVOLS	SCRVOLS	MASTVOLS	USERVOLS	INITVOLS	ENTVOLS	NEWSCRVOLS	TOTERRS	PERMTOTERR	TEMPTOTERR
339	4861	339	290	49	0	0	0	7	136	0	136

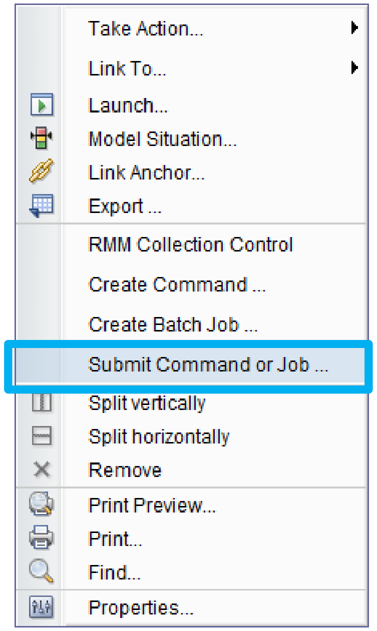
Provided Information

PCTPD	AVGDSNVOL	DSNSZ	DSNRWPD	DSNCREPD	WRITEDATA
0	14	70266	0	0	0

Rmm BATCH JOB and Commands


Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Volume Actions...
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...

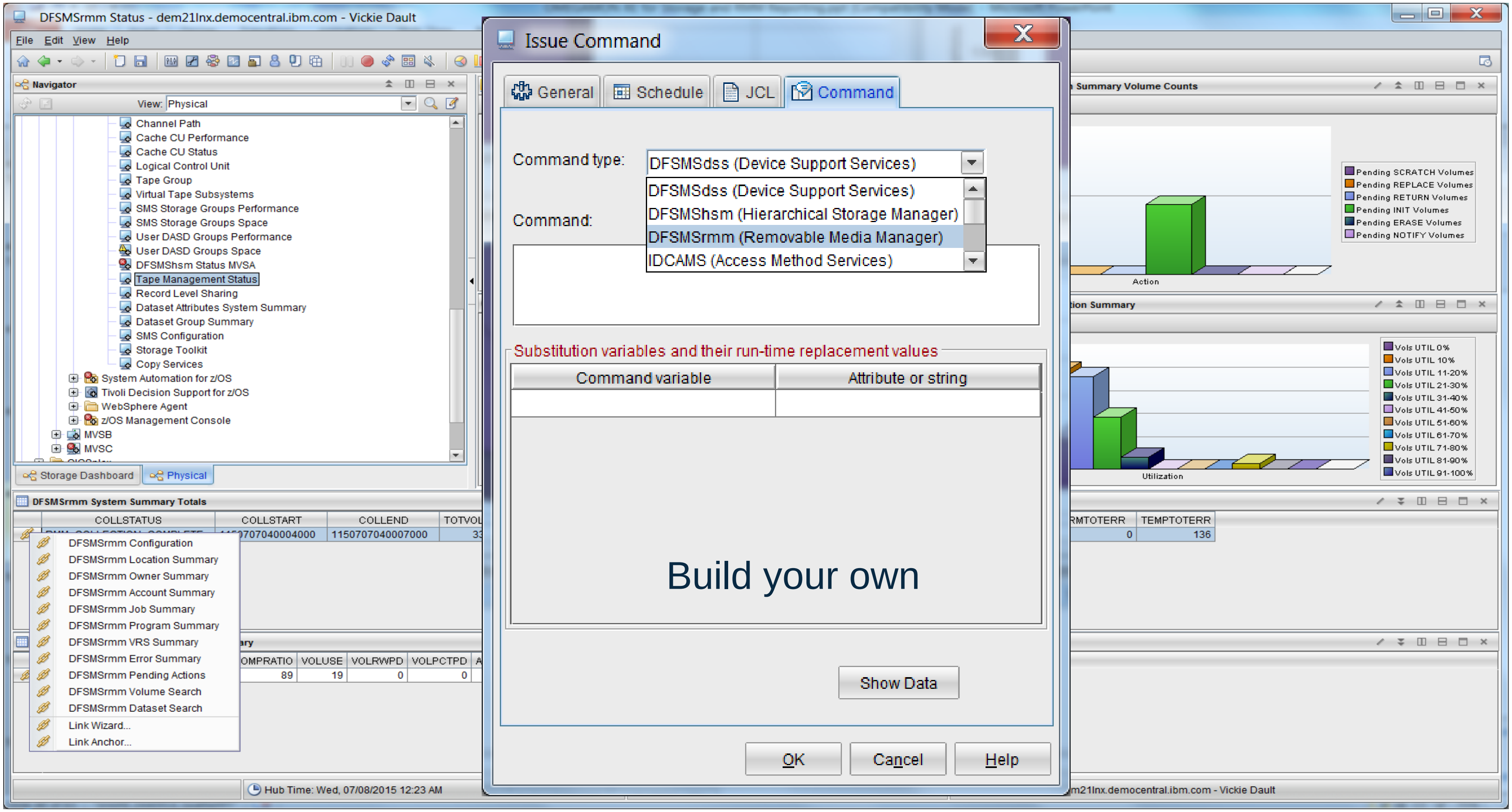

Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Collection Control
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...


Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Collection Control
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...

Build your own

Submit a previously built one

Rmm Submit a Command/Batch Job


DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
Copy Services
System Automation for z/OS
Tivoli Decision Support for z/OS
WebSphere Agent
z/OS Management Console
MVSB
MVSC
Storage Dashboard
Physical
DFSMSrmm System Summary Totals
COLLSTATUS
COLLSTART
COLLEND
TOTVOL
1150707040004000
1150707040007000
DFSMSrmm Configuration
DFSMSrmm Location Summary
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Volume Search
DFSMSrmm Dataset Search
Link Wizard...
Link Anchor...
OMPRATIO
VOLUSE
VOLRWPD
VOLPCTPD
89
19
0
0
Hub Time: Wed, 07/08/2015 12:23 AM
Summary Volume Counts
Pending SCRATCH Volumes
Pending REPLACE Volumes
Pending RETURN Volumes
Pending INIT Volumes
Pending ERASE Volumes
Pending NOTIFY Volumes
Action
tion Summary
Vols UTIL 0%
Vols UTIL 10%
Vols UTIL 11-20%
Vols UTIL 21-30%
Vols UTIL 31-40%
Vols UTIL 41-50%
Vols UTIL 51-60%
Vols UTIL 61-70%
Vols UTIL 71-80%
Vols UTIL 81-90%
Vols UTIL 91-100%
Utilization
RMTOTERR
TEMPTOTERR
0
136
m21lnx.democentral.ibm.com - Vickie Dault
Issue Command
General
Schedule
JCL
Command
DFSMSdss (Device Support Services)
DFSMShsm (Hierarchical Storage Manager)
DFSMSrmm (Removable Media Manager)
IDCAMS (Access Method Services)
Show Data
OK
Cancel
Help

Command type: DFSMSdss (Device Support Services)

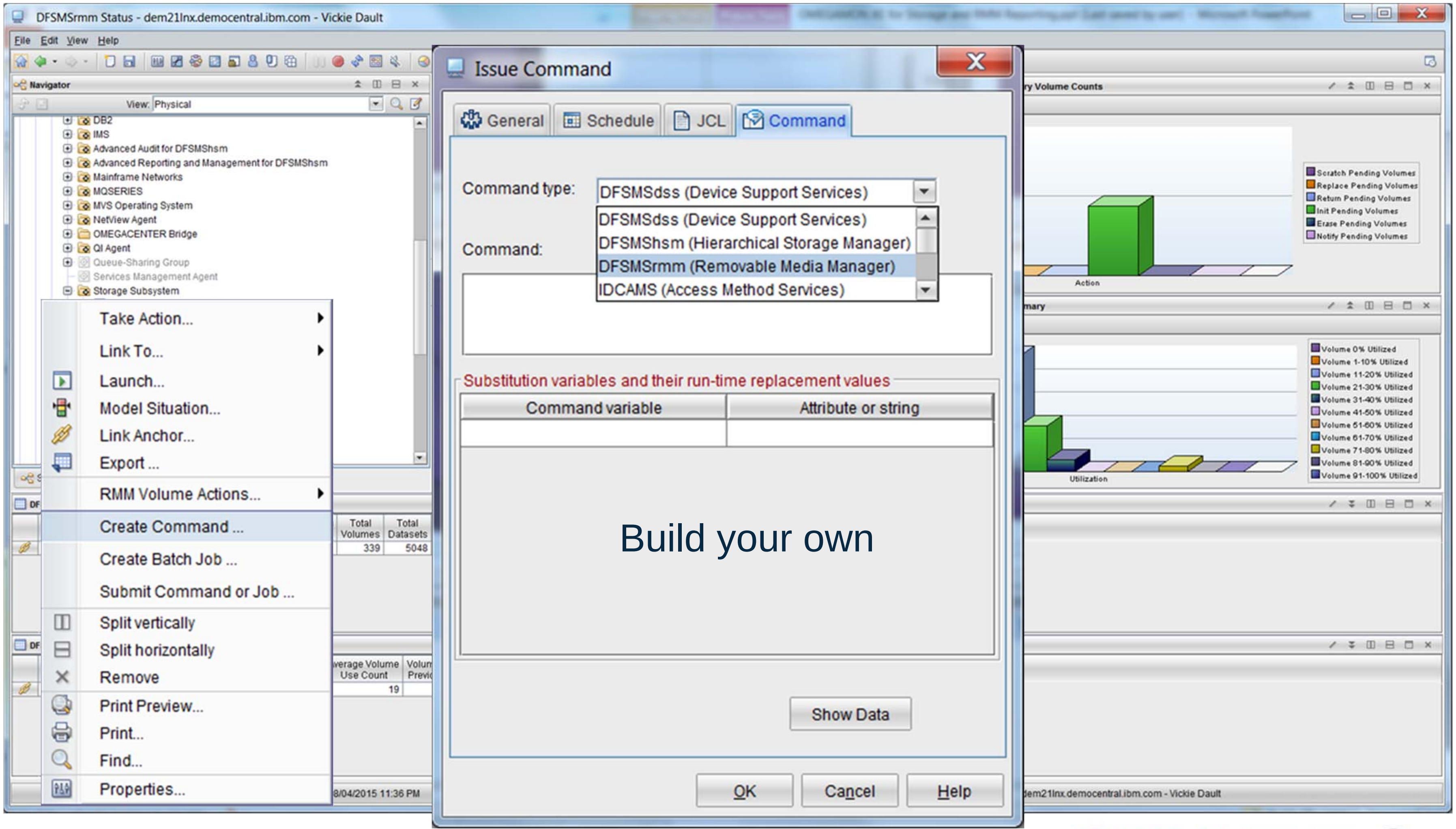
Command:

Substitution variables and their run-time replacement values

Command variable	Attribute or string

Build your own

Rmm Submit a Command/Batch Job

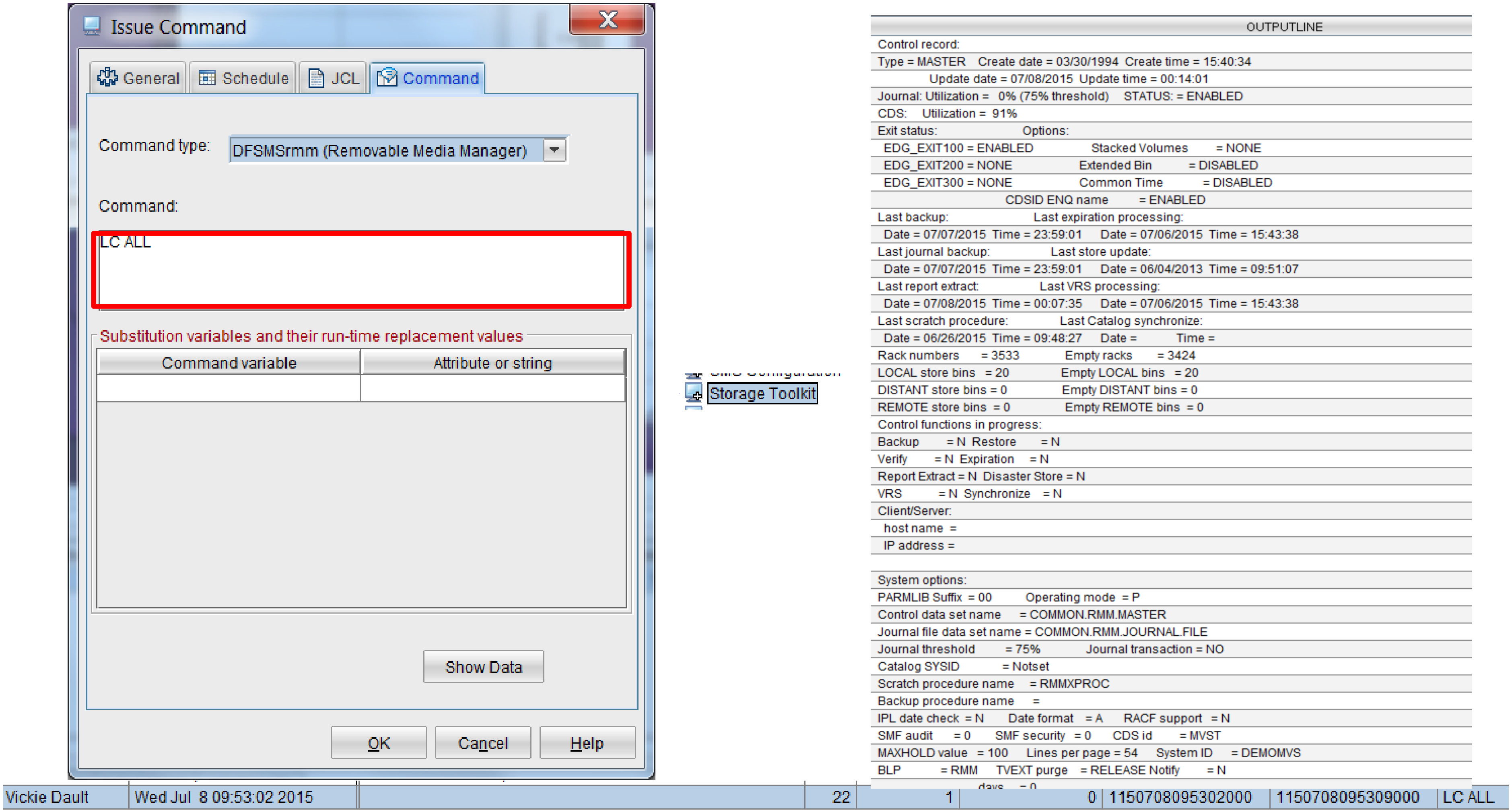

DFSMSrmm Status - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
DB2
IMS
Advanced Audit for DFSMShsm
Advanced Reporting and Management for DFSMShsm
Mainframe Networks
MQSERIES
MVS Operating System
NetView Agent
OMEGACENTER Bridge
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Volume Actions...
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
Issue Command
General
Schedule
JCL
Command
Command:
DFSMSdss (Device Support Services)
DFSMShsm (Hierarchical Storage Manager)
DFSMSrmm (Removable Media Manager)
IDCAMS (Access Method Services)
Substitution variables and their run-time replacement values
Show Data
OK
Cancel
Help
Volume Counts
Action
Utilization
Total Volumes
Total Datasets
339
5048
Average Volume Use Count
19
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
8/04/2015 11:36 PM
dem21lnx.democentral.ibm.com - Vickie Dault

Command type: DFSMSdss (Device Support Services)

Command variable	Attribute or string

Build your own

Rmm Command and Results



Command type: DFSMSrmm (Removable Media Manager)

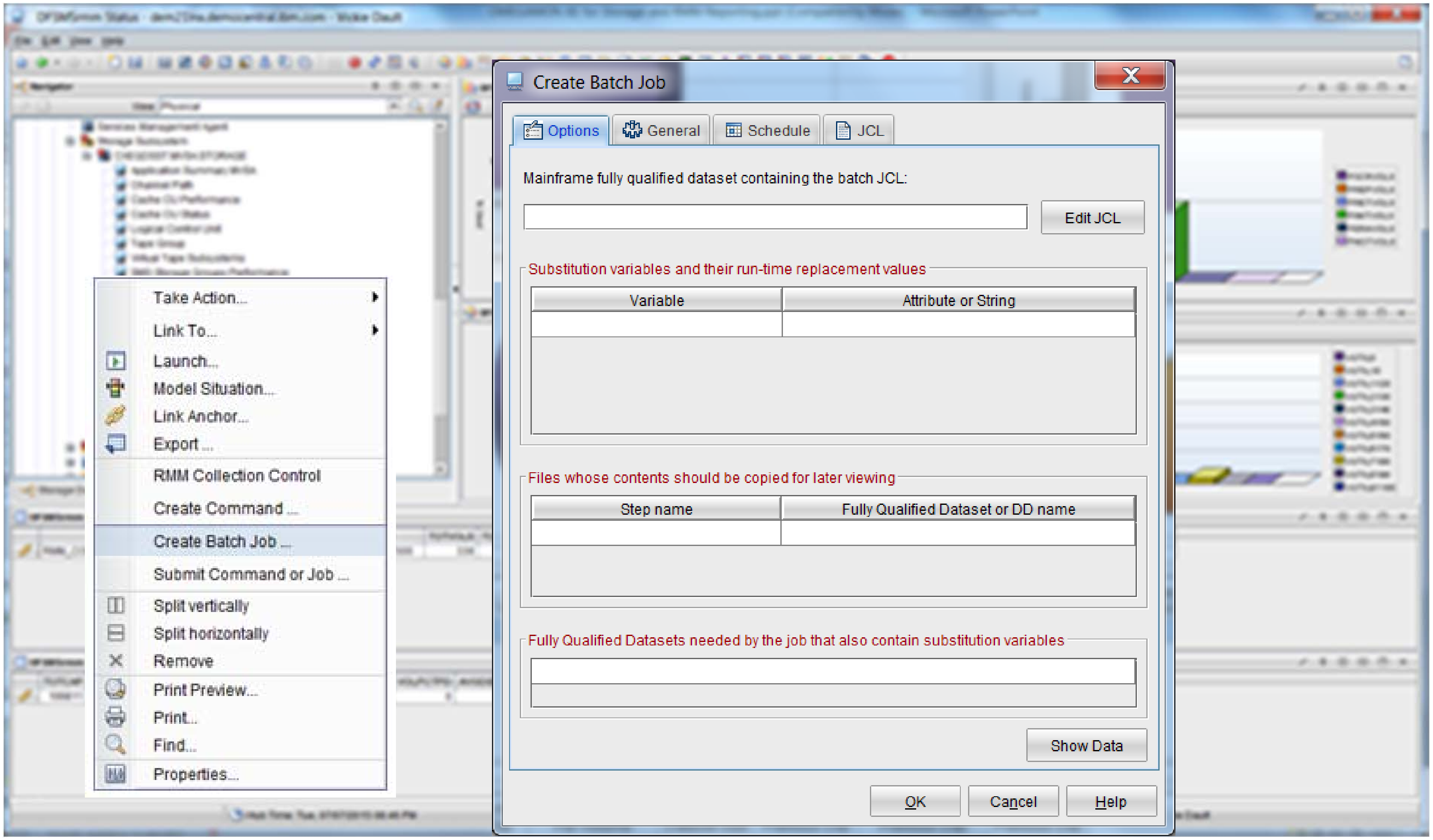
Command:

```
LC ALL
```

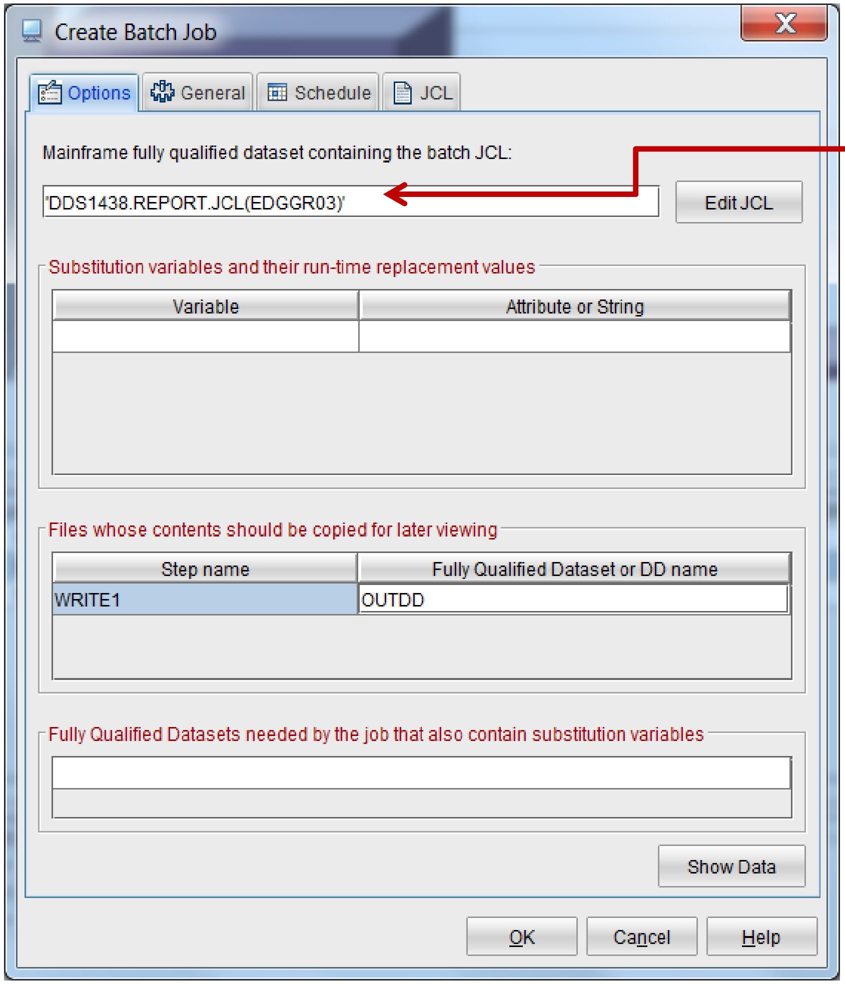
```
OUTPUTLINE
Control record:
Type = MASTER   Create date = 03/30/1994  Create time = 15:40:34
            Update date = 07/08/2015  Update time = 00:14:01
Journal: Utilization =   0% (75% threshold)    STATUS: = ENABLED
CDS:    Utilization =  91%
Exit status:                 Options:
 EDG_EXIT100 = ENABLED            Stacked Volumes      = NONE
 EDG_EXIT200 = NONE             Extended Bin        = DISABLED
 EDG_EXIT300 = NONE             Common Time          = DISABLED
                           CDSID ENQ name       = ENABLED
Last backup:                  Last expiration processing:
 Date = 07/07/2015  Time = 23:59:01    Date = 07/06/2015  Time = 15:43:38
Last journal backup:              Last store update:
 Date = 07/07/2015  Time = 23:59:01    Date = 06/04/2013  Time = 09:51:07
Last report extract:              Last VRS processing:
 Date = 07/08/2015  Time = 00:07:35    Date = 07/06/2015  Time = 15:43:38
Last scratch procedure:             Last Catalog synchronize:
 Date = 06/26/2015  Time = 09:48:27    Date =        Time =
Rack numbers      = 3533          Empty racks      = 3424
LOCAL store bins   = 20           Empty LOCAL bins   = 20
DISTANT store bins = 0            Empty DISTANT bins = 0
REMOTE store bins  = 0            Empty REMOTE bins  = 0
Control functions in progress:
Backup       = N  Restore       = N
Verify      = N  Expiration    = N
Report Extract = N  Disaster Store = N
VRS        = N  Synchronize    = N
Client/Server:
 host name  =
 IP address =

System options:
PARMLIB Suffix  = 00        Operating mode  = P
Control data set name     = COMMON.RMM.MASTER
Journal file data set name = COMMON.RMM.JOURNAL.FILE
Journal threshold       = 75%          Journal transaction = NO
Catalog SYSID          = Notset
Scratch procedure name    = RMMXPROC
Backup procedure name     =
IPL date check  = N      Date format    = A     RACF support  = N
SMF audit      = 0      SMF security  = 0     CDS id       = MVST
MAXHOLD value   = 100     Lines per page = 54     System ID      = DEMOMVS
BLP          = RMM     TVEXT purge   = RELEASE Notify       = N
                  days    = 0
```

Vickie Dault	Wed Jul 8 09:53:02 2015	22	1	0	1150708095302000	1150708095309000	LC ALL

Rmm BATCH JOB and Results


Take Action...
Link To...
Launch...
Model Situation...
Link Anchor...
Export ...
RMM Collection Control
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
Create Batch Job
Options
General
Schedule
JCL
Mainframe fully qualified dataset containing the batch JCL:
Edit JCL
Substitution variables and their run-time replacement values
Variable
Attribute or String
Files whose contents should be copied for later viewing
Step name
Fully Qualified Dataset or DD name
Fully Qualified Datasets needed by the job that also contain substitution variables
Show Data
OK
Cancel
Help

Rmm BATCH JOB and Results



Mainframe fully qualified dataset containing the batch JCL: 'DDS1438.REPORT.JCL(EDGGR03)'

Substitution variables and their run-time replacement values

Variable	Attribute or String

Files whose contents should be copied for later viewing

Step name	Fully Qualified Dataset or DD name
WRITE1	OUTDD

Fully Qualified Datasets needed by the job that also contain substitution variables

OPTIONS Tab

Enter the name of a dataset; if it doesn't exist, it will be created.

JCL may contain variables %var% and be replaced with data from the selected row(s)

STEP NAME and DDNAME identify the data to be captured in the TEP

In the case of standard reports OMEGAMON XE for Storage knows the stepname and the Ddname..

Rmm BATCH JOB and Results

Reference

‘17592: RMM and HSM Report Generator

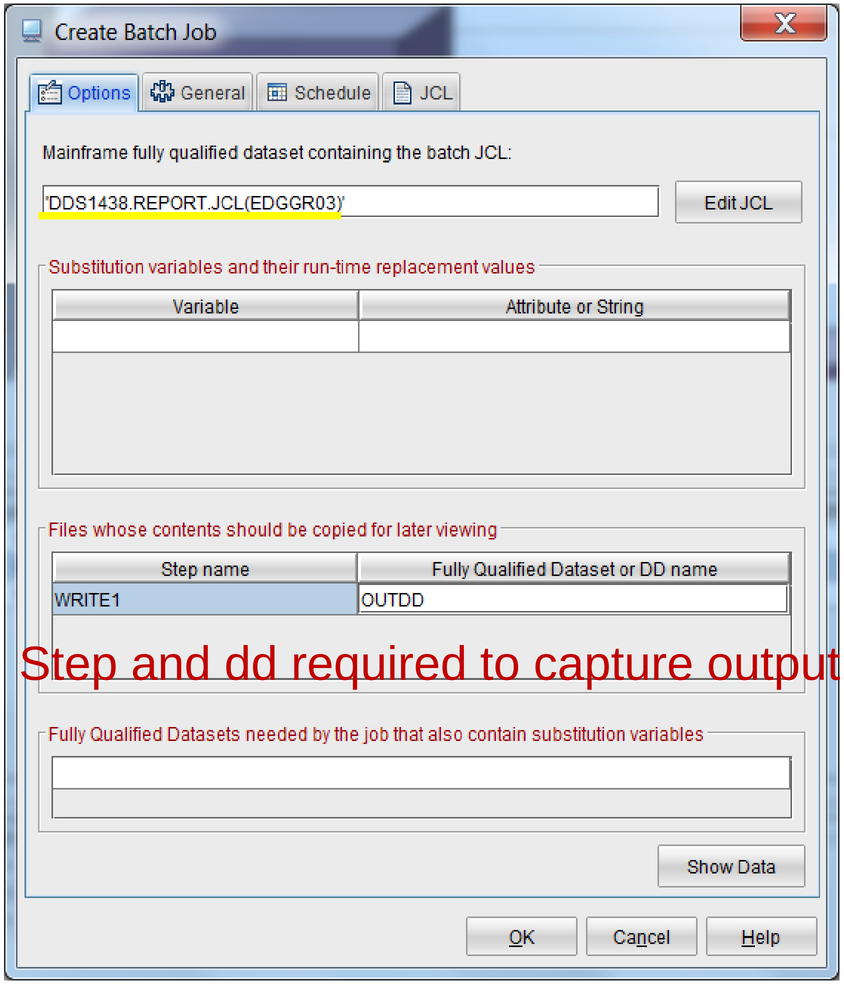
Monday Aug 10,2015 1:45pm

Speaker: Jerry Diligiro

RMM Report Generator JCL resides in

&userid.REPORT.JCL

After generated


Create Batch Job
Options
General
Schedule
JCL
Edit JCL
Variable
Attribute or String
Step name
Fully Qualified Dataset or DD name
Show Data
OK
Cancel
Help

Mainframe fully qualified dataset containing the batch JCL: 'DDS1438.REPORT.JCL(EDGGR03)'

Substitution variables and their run-time replacement values

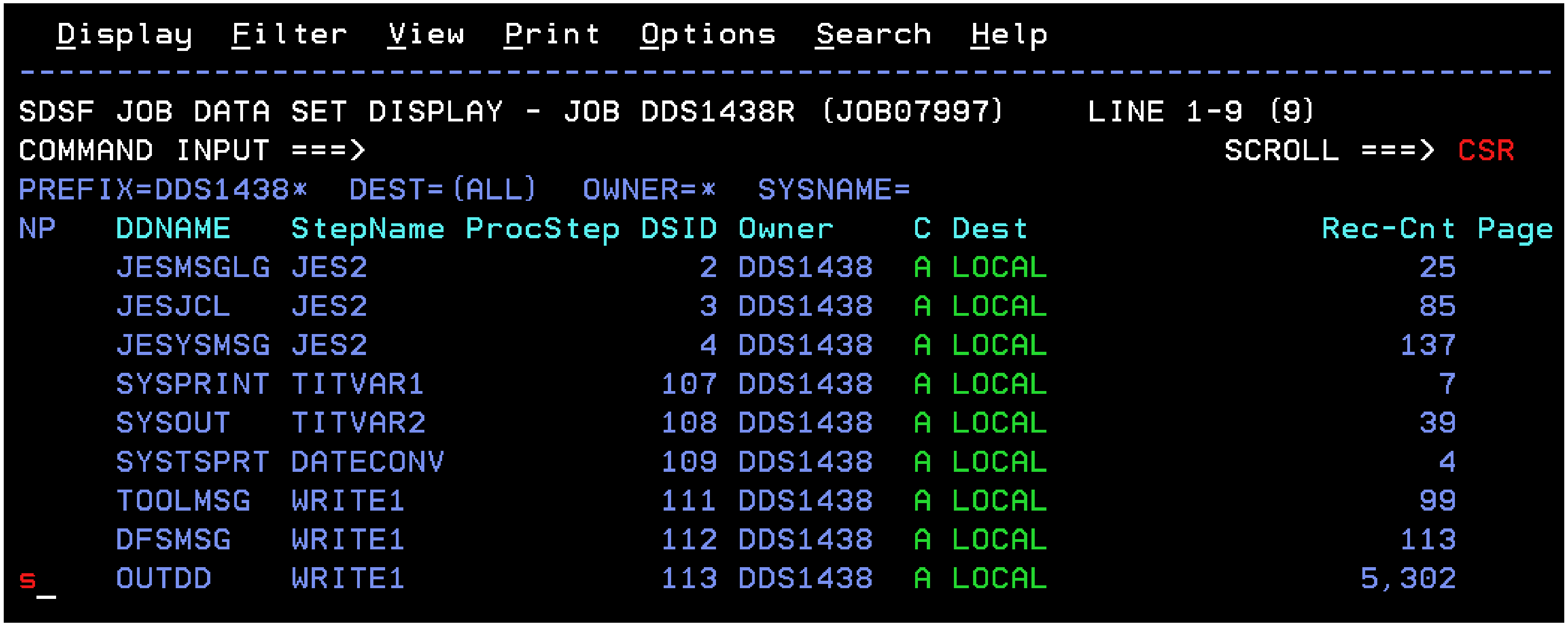
Files whose contents should be copied for later viewing

Step name	Fully Qualified Dataset or DD name
WRITE1	OUTDD

Step and dd required to capture output

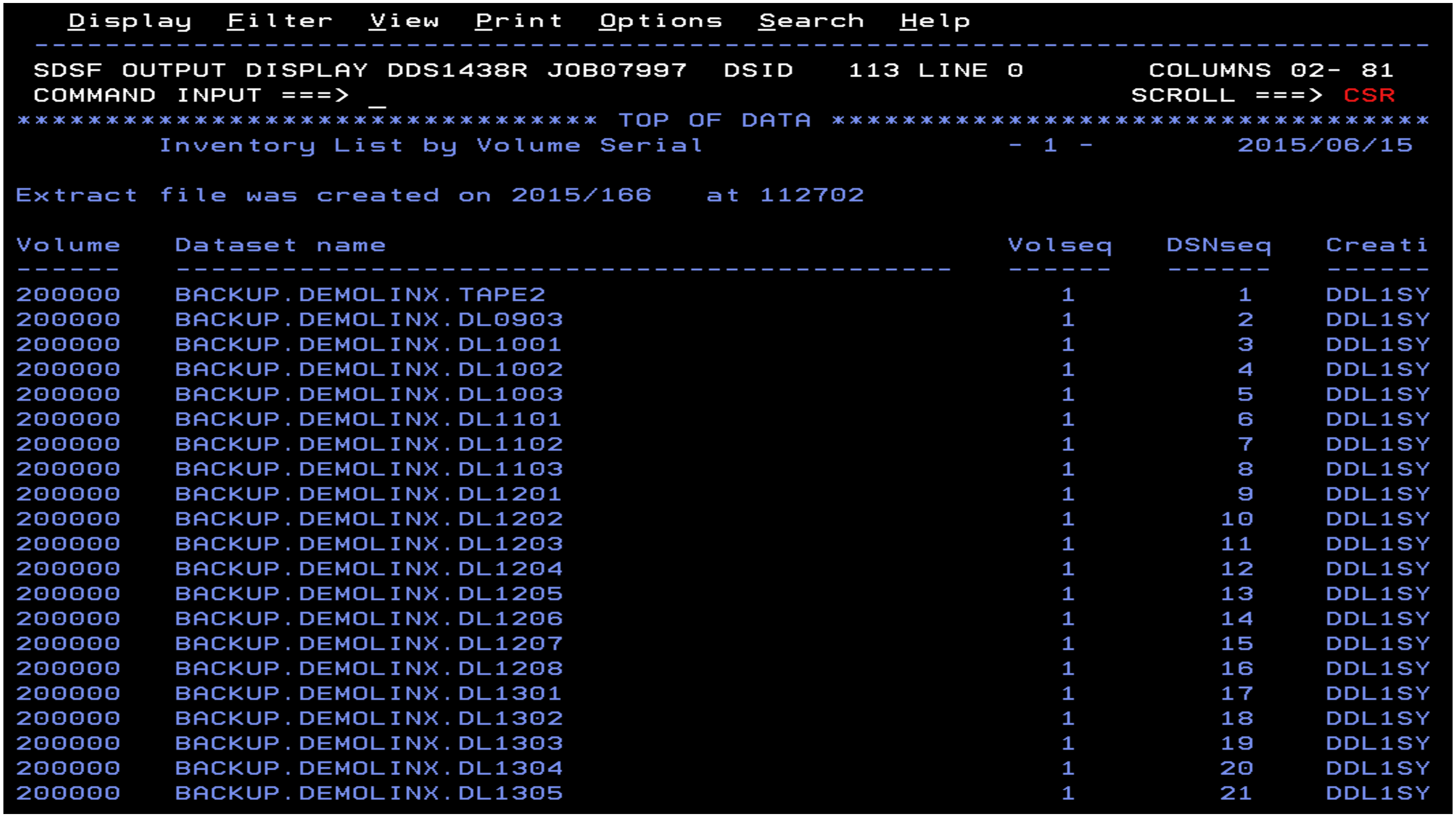
Fully Qualified Datasets needed by the job that also contain substitution variables

Rmm BATCH JOB on z/OS SDSF



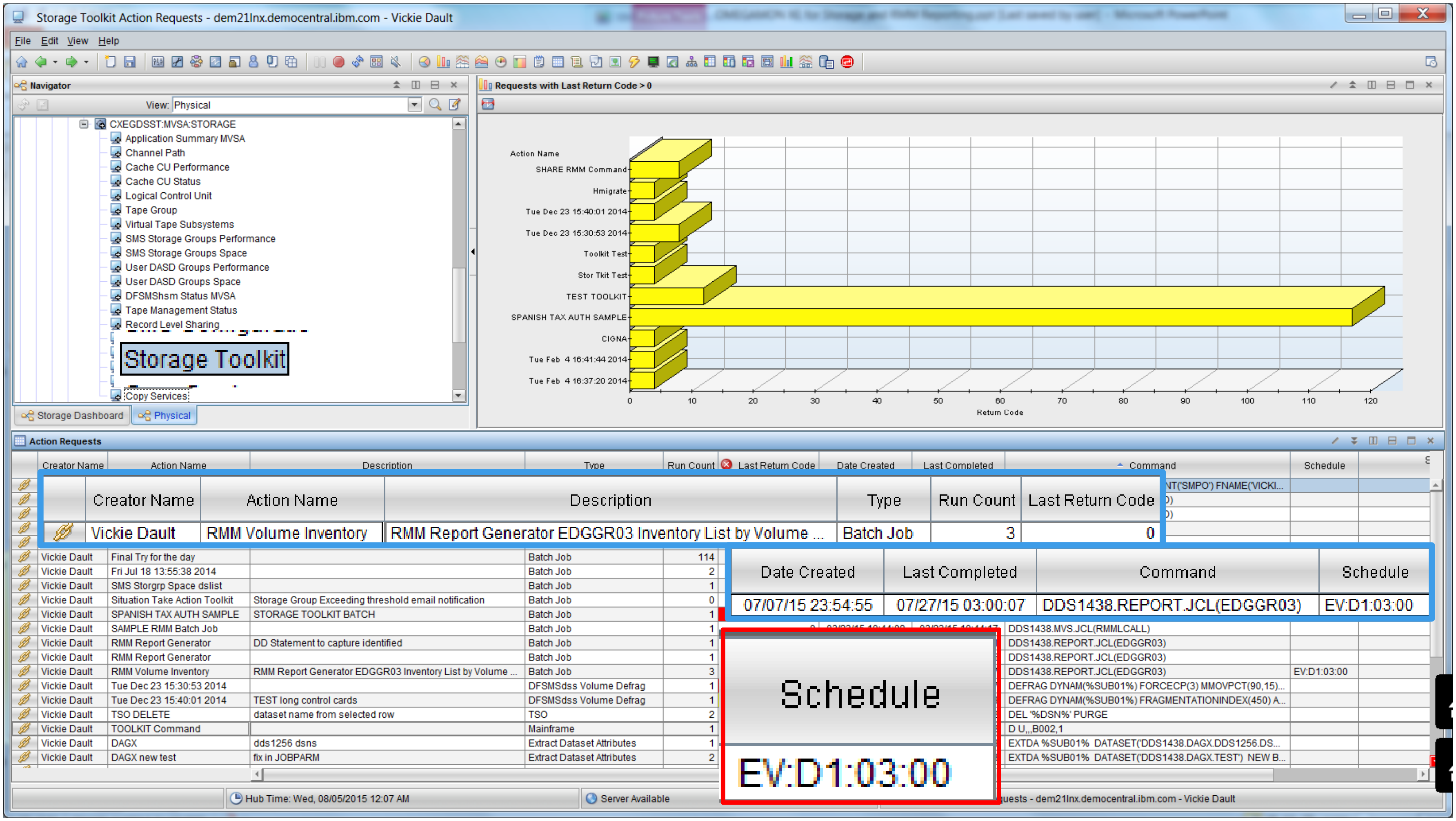
```
  Display  Filter  View  Print  Options  Search  Help
 -------------------------------------------------------------------------------
SDSF JOB DATA SET DISPLAY - JOB DDS1438R (JOB07997)    LINE 1-9 (9)
COMMAND INPUT ===>                                         SCROLL ===> CSR
PREFIX=DDS1438*  DEST=(ALL)  OWNER=*  SYSNAME=
NP   DDNAME   StepName ProcStep DSID Owner    C Dest               Rec-Cnt Page
     JESMSGLG JES2                 2 DDS1438  A LOCAL                   25
     JESJCL   JES2                 3 DDS1438  A LOCAL                   85
     JESYSMSG JES2                 4 DDS1438  A LOCAL                  137
     SYSPRINT TITVAR1            107 DDS1438  A LOCAL                    7
     SYSOUT   TITVAR2            108 DDS1438  A LOCAL                   39
     SYSTSPRT DATECONV           109 DDS1438  A LOCAL                    4
     TOOLMSG  WRITE1             111 DDS1438  A LOCAL                   99
     DFSMSG   WRITE1             112 DDS1438  A LOCAL                  113
s_   OUTDD    WRITE1             113 DDS1438  A LOCAL                5,302
```

Rmm BATCH JOB Results on z/OS SDSF



```
   Display  Filter  View  Print  Options  Search  Help
 -------------------------------------------------------------------------------
 SDSF OUTPUT DISPLAY DDS1438R JOB07997  DSID   113 LINE 0       COLUMNS 02- 81
 COMMAND INPUT ===> _                                          SCROLL ===> CSR
********************************* TOP OF DATA **********************************
       Inventory List by Volume Serial                 - 1 -        2015/06/15

Extract file was created on 2015/166   at 112702

Volume   Dataset name                                 Volseq   DSNseq   Creati
------   --------------------------------------------  ------   ------   ------
200000   BACKUP.DEMOLINX.TAPE2                             1        1   DDL1SY
200000   BACKUP.DEMOLINX.DL0903                            1        2   DDL1SY
200000   BACKUP.DEMOLINX.DL1001                            1        3   DDL1SY
200000   BACKUP.DEMOLINX.DL1002                            1        4   DDL1SY
200000   BACKUP.DEMOLINX.DL1003                            1        5   DDL1SY
200000   BACKUP.DEMOLINX.DL1101                            1        6   DDL1SY
200000   BACKUP.DEMOLINX.DL1102                            1        7   DDL1SY
200000   BACKUP.DEMOLINX.DL1103                            1        8   DDL1SY
200000   BACKUP.DEMOLINX.DL1201                            1        9   DDL1SY
200000   BACKUP.DEMOLINX.DL1202                            1       10   DDL1SY
200000   BACKUP.DEMOLINX.DL1203                            1       11   DDL1SY
200000   BACKUP.DEMOLINX.DL1204                            1       12   DDL1SY
200000   BACKUP.DEMOLINX.DL1205                            1       13   DDL1SY
200000   BACKUP.DEMOLINX.DL1206                            1       14   DDL1SY
200000   BACKUP.DEMOLINX.DL1207                            1       15   DDL1SY
200000   BACKUP.DEMOLINX.DL1208                            1       16   DDL1SY
200000   BACKUP.DEMOLINX.DL1301                            1       17   DDL1SY
200000   BACKUP.DEMOLINX.DL1302                            1       18   DDL1SY
200000   BACKUP.DEMOLINX.DL1303                            1       19   DDL1SY
200000   BACKUP.DEMOLINX.DL1304                            1       20   DDL1SY
200000   BACKUP.DEMOLINX.DL1305                            1       21   DDL1SY
```

Rmm OWNERs Results and Commands


Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Storage Toolkit
Copy Services
Storage Dashboard
Physical
Requests with Last Return Code > 0
Action Name
SHARE RMM Command
Hmigrate
Tue Dec 23 15:40:01 2014
Tue Dec 23 15:30:53 2014
Toolkit Test
Stor Tkit Test
TEST TOOLKIT
SPANISH TAX AUTH SAMPLE
CIGNA
Tue Feb 4 16:41:44 2014
Tue Feb 4 16:37:20 2014
0
10
20
30
40
50
60
70
80
90
100
110
120
Return Code
Action Requests
Hub Time: Wed, 08/05/2015 12:07 AM
Server Available
uests - dem21lnx.democentral.ibm.com - Vickie Dault

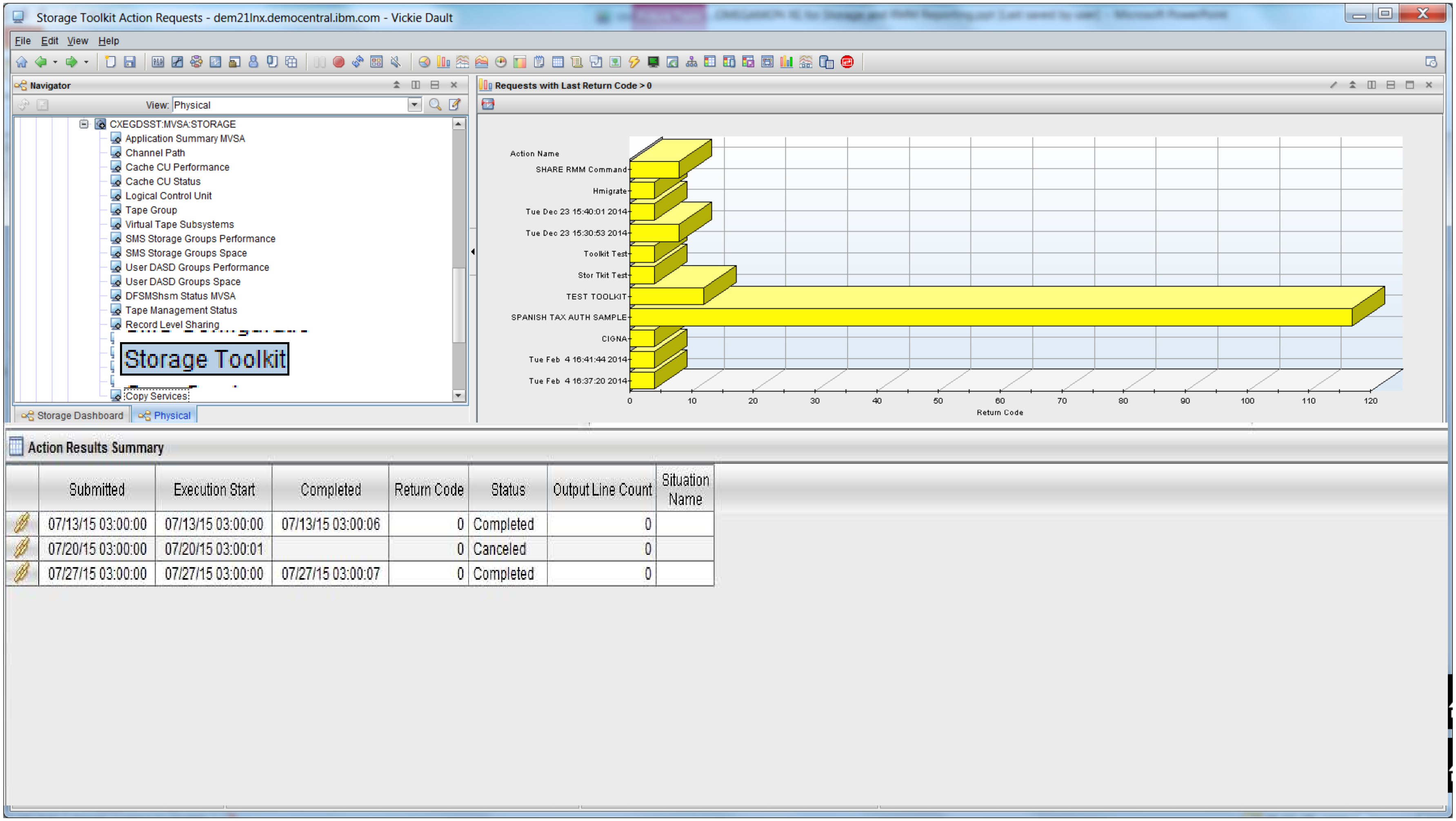
Creator Name	Action Name	Description	Type	Run Count	Last Return Code
Vickie Dault	RMM Volume Inventory	RMM Report Generator EDGGR03 Inventory List by Volume ...	Batch Job	3	0

Date Created	Last Completed	Command	Schedule
07/07/15 23:54:55	07/27/15 03:00:07	DDS1438.REPORT.JCL(EDGGR03)	EV:D1:03:00

Schedule
EV:D1:03:00

Creator Name	Action Name	Description	Type	Run Count	Command	Schedule
Vickie Dault	Final Try for the day		Batch Job	114		
Vickie Dault	Fri Jul 18 13:55:38 2014		Batch Job	2		
Vickie Dault	SMS Storgrp Space dslist		Batch Job	1		
Vickie Dault	Situation Take Action Toolkit	Storage Group Exceeding threshold email notification	Batch Job	0		
Vickie Dault	SPANISH TAX AUTH SAMPLE	STORAGE TOOLKIT BATCH	Batch Job	1		
Vickie Dault	SAMPLE RMM Batch Job		Batch Job	1	DDS1438.MVS.JCL(RMMLCALL)	
Vickie Dault	RMM Report Generator	DD Statement to capture identified	Batch Job	1	DDS1438.REPORT.JCL(EDGGR03)	
Vickie Dault	RMM Report Generator		Batch Job	1	DDS1438.REPORT.JCL(EDGGR03)	
Vickie Dault	RMM Volume Inventory	RMM Report Generator EDGGR03 Inventory List by Volume ...	Batch Job	3	DDS1438.REPORT.JCL(EDGGR03)	EV:D1:03:00
Vickie Dault	Tue Dec 23 15:30:53 2014		DFSMSdss Volume Defrag	1	DEFRAG DYNAM(%SUB01%) FORCECP(3) MMOVPCT(90,15)...	
Vickie Dault	Tue Dec 23 15:40:01 2014	TEST long control cards	DFSMSdss Volume Defrag	1	DEFRAG DYNAM(%SUB01%) FRAGMENTATIONINDEX(450) A...	
Vickie Dault	TSO DELETE	dataset name from selected row	TSO	2	DEL '%DSN%' PURGE	
Vickie Dault	TOOLKIT Command		Mainframe	1	D U,,,B002,1	
Vickie Dault	DAGX	dds1256 dsns	Extract Dataset Attributes	1	EXTDA %SUB01% DATASET('DDS1438.DAGX.DDS1256.DS...	
Vickie Dault	DAGX new test	fix in JOBPARM	Extract Dataset Attributes	2	EXTDA %SUB01% DATASET('DDS1438.DAGX.TEST') NEW B...	

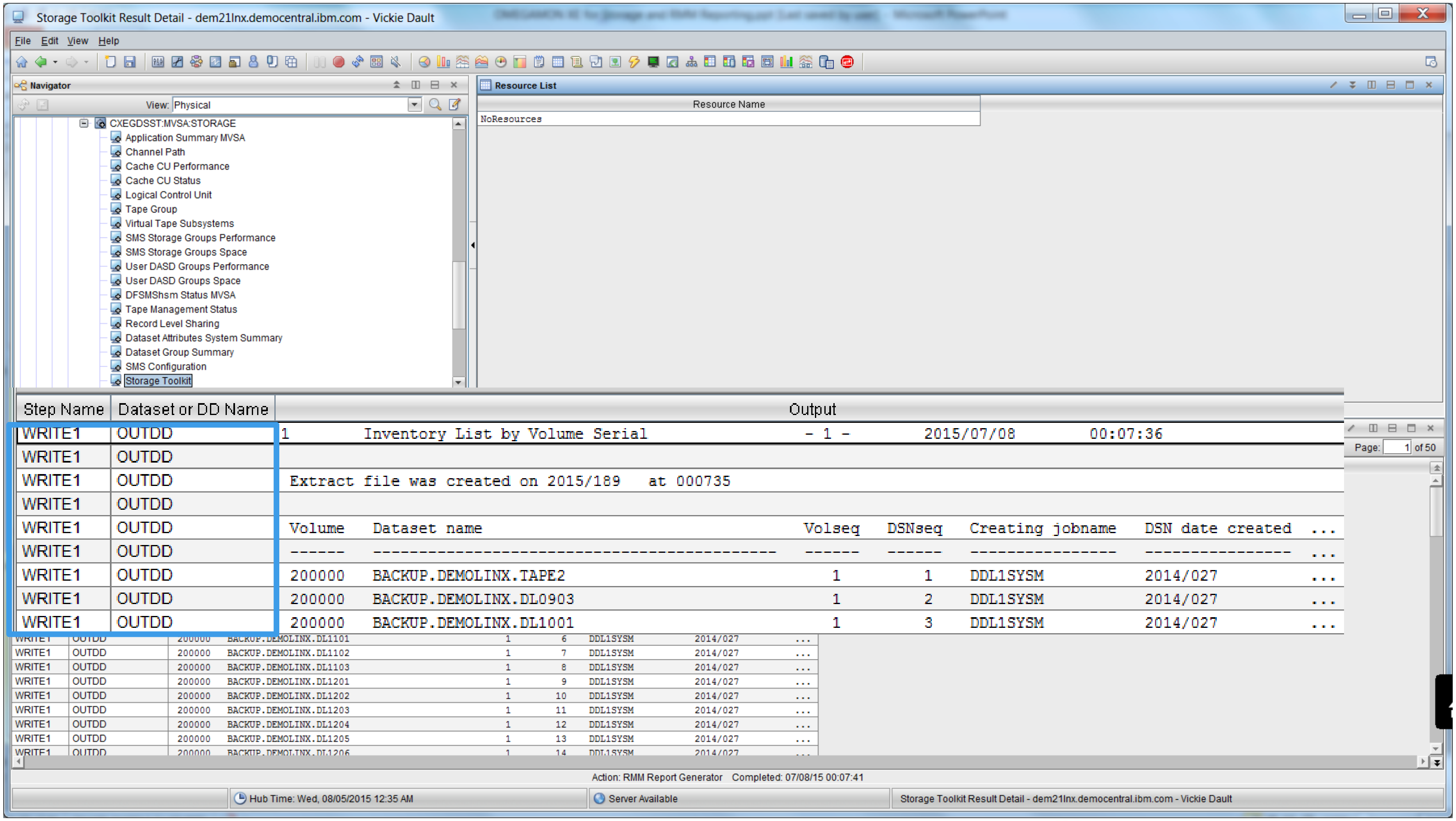
Rmm OWNERs Results and Commands


Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault
File
Edit
View
Help
Navigator
View: Physical
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Storage Toolkit
Copy Services
Storage Dashboard
Physical
Requests with Last Return Code > 0
Action Name
SHARE RMM Command
Hmigrate
Tue Dec 23 15:40:01 2014
Tue Dec 23 15:30:53 2014
Toolkit Test
Stor Tkit Test
TEST TOOLKIT
SPANISH TAX AUTH SAMPLE
CIGNA
Tue Feb 4 16:41:44 2014
Tue Feb 4 16:37:20 2014
0
10
20
30
40
50
60
70
80
90
100
110
120
Return Code

Action Results Summary

	Submitted	Execution Start	Completed	Return Code	Status	Output Line Count	Situation Name
	07/13/15 03:00:00	07/13/15 03:00:00	07/13/15 03:00:06	0	Completed	0	
	07/20/15 03:00:00	07/20/15 03:00:01		0	Canceled	0	
	07/27/15 03:00:00	07/27/15 03:00:00	07/27/15 03:00:07	0	Completed	0	

Rmm BATCH JOB Report Results


Storage Toolkit Result Detail - dem21lnx.democentral.ibm.com - Vickie Dault
File
Edit
View
Help
Navigator
View: Physical
Resource List
Page: 1 of 50

- CXEGDSST:MVSA:STORAGE
  - Application Summary MVSA
  - Channel Path
  - Cache CU Performance
  - Cache CU Status
  - Logical Control Unit
  - Tape Group
  - Virtual Tape Subsystems
  - SMS Storage Groups Performance
  - SMS Storage Groups Space
  - User DASD Groups Performance
  - User DASD Groups Space
  - DFSMShsm Status MVSA
  - Tape Management Status
  - Record Level Sharing
  - Dataset Attributes System Summary
  - Dataset Group Summary
  - SMS Configuration
  - Storage Toolkit

Resource Name
NoResources

Step Name	Dataset or DD Name	Output
WRITE1	OUTDD	1 Inventory List by Volume Serial - 1 - 2015/07/08 00:07:36
WRITE1	OUTDD	
WRITE1	OUTDD	Extract file was created on 2015/189 at 000735
WRITE1	OUTDD	
WRITE1	OUTDD	Volume Dataset name Volseq DSNseq Creating jobname DSN date created ...
WRITE1	OUTDD	------ --- ------ ------ --------------- --------------- ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.TAPE2 1 1 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL0903 1 2 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1001 1 3 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1101 1 6 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1102 1 7 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1103 1 8 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1201 1 9 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1202 1 10 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1203 1 11 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1204 1 12 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1205 1 13 DDL1SYSM 2014/027 ...
WRITE1	OUTDD	200000 BACKUP.DEMOLINX.DL1206 1 14 DDL1SYSM 2014/027 ...

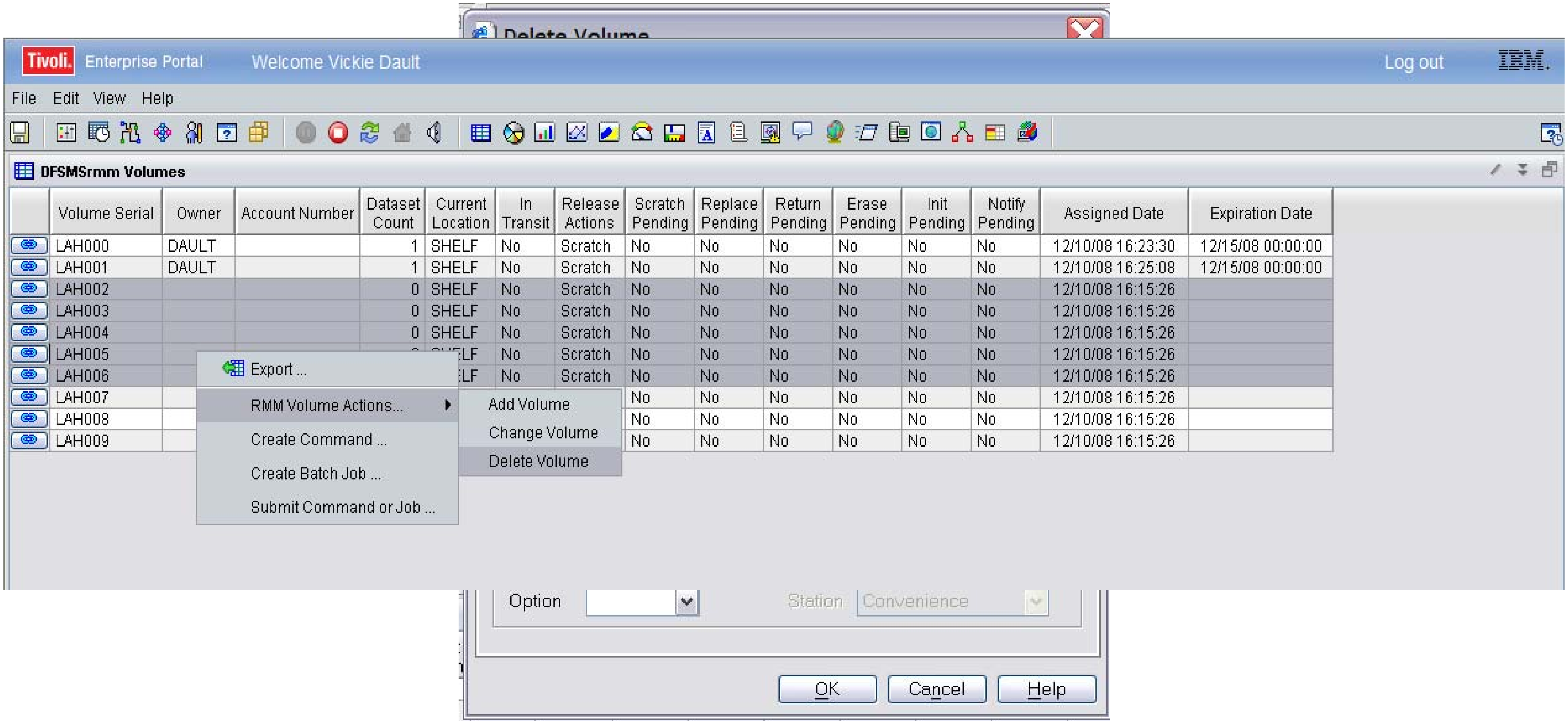
Action: RMM Report Generator Completed: 07/08/15 00:07:41

Hub Time: Wed, 08/05/2015 12:35 AM

Server Available

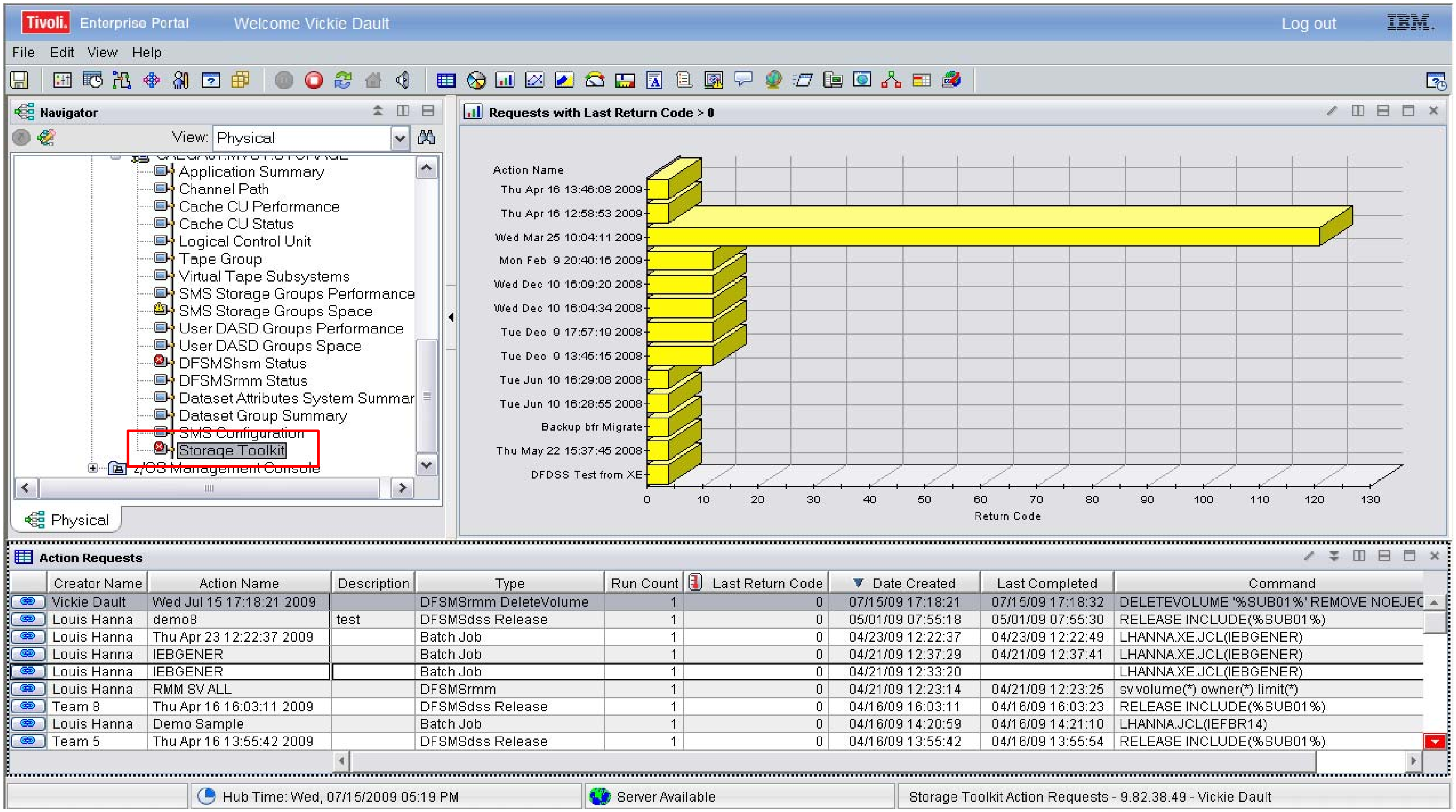
Storage Toolkit Result Detail - dem21lnx.democentral.ibm.com - Vickie Dault

Rmm Volume Search Results and Commands


Delete Volume
Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File
Edit
View
Help
DFSMSrmm Volumes
Export ...
RMM Volume Actions...
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Add Volume
Change Volume
Delete Volume
Option
Station
Convenience
OK
Cancel
Help

Volume Serial	Owner	Account Number	Dataset Count	Current Location	In Transit	Release Actions	Scratch Pending	Replace Pending	Return Pending	Erase Pending	Init Pending	Notify Pending	Assigned Date	Expiration Date
LAH000	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:23:30	12/15/08 00:00:00
LAH001	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:25:08	12/15/08 00:00:00
LAH002			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH003			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH004			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH005				LF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH006				LF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH007							No	No	No	No	No	No	12/10/08 16:15:26	
LAH008							No	No	No	No	No	No	12/10/08 16:15:26	
LAH009							No	No	No	No	No	No	12/10/08 16:15:26	

Results of Volume Delete in Storage Toolkit


Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summar
Dataset Group Summary
SMS Configuration
Storage Toolkit
z/OS Management Console
Physical
Requests with Last Return Code > 0
Action Name
Thu Apr 16 13:46:08 2009
Thu Apr 16 12:58:53 2009
Wed Mar 25 10:04:11 2009
Mon Feb 9 20:40:16 2009
Wed Dec 10 16:09:20 2008
Wed Dec 10 16:04:34 2008
Tue Dec 9 17:57:19 2008
Tue Dec 9 13:45:15 2008
Tue Jun 10 16:29:08 2008
Tue Jun 10 16:28:55 2008
Backup bfr Migrate
Thu May 22 15:37:45 2008
DFDSS Test from XE
0 10 20 30 40 50 60 70 80 90 100 110 120 130
Return Code
Action Requests

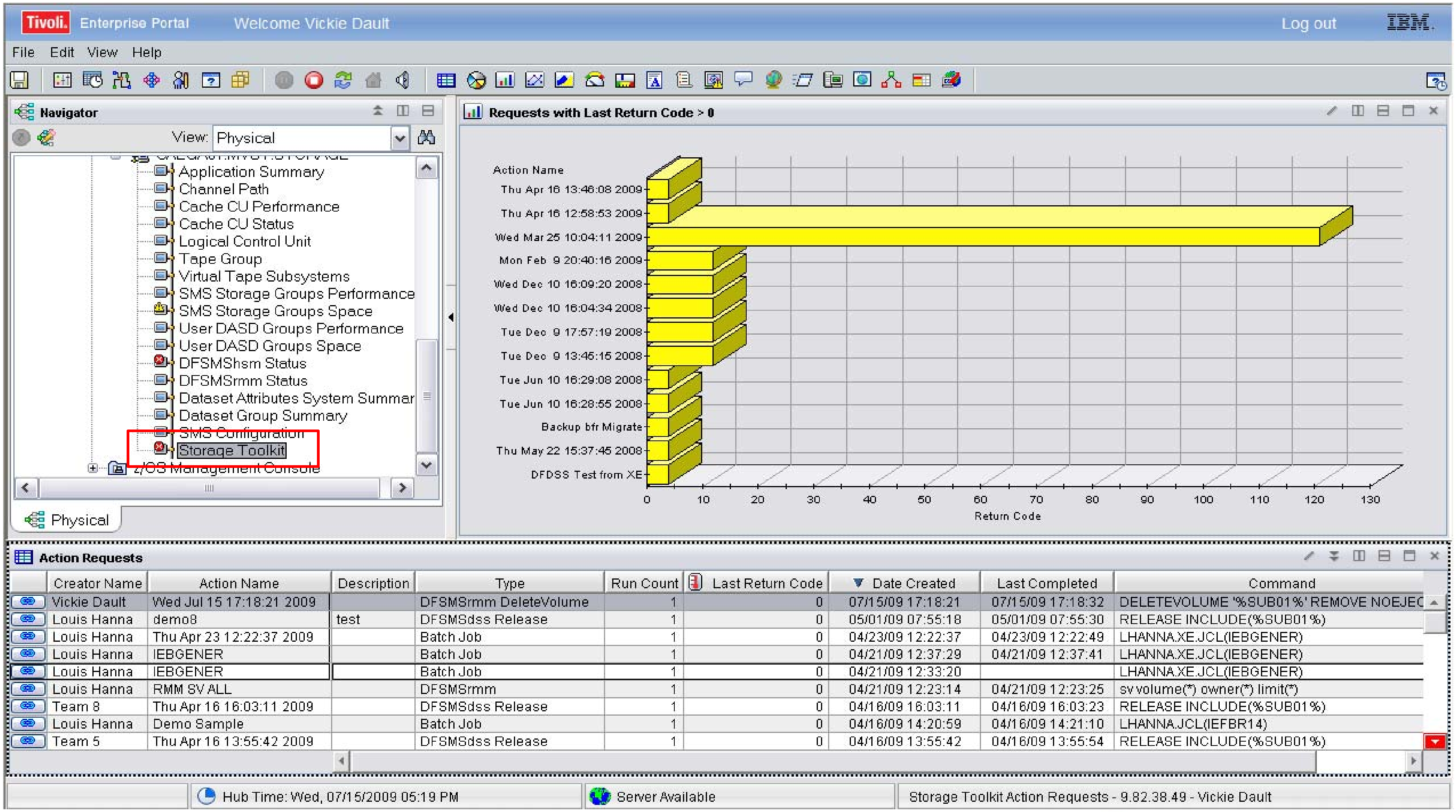
	Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed	Command
	Vickie Dault	Wed Jul 15 17:18:21 2009		DFSMSrmm DeleteVolume	1	0	07/15/09 17:18:21	07/15/09 17:18:32	DELETEVOLUME '%SUB01%' REMOVE NOEJEC
	Louis Hanna	demo8	test	DFSMSdss Release	1	0	05/01/09 07:55:18	05/01/09 07:55:30	RELEASE INCLUDE(%SUB01%)
	Louis Hanna	Thu Apr 23 12:22:37 2009		Batch Job	1	0	04/23/09 12:22:37	04/23/09 12:22:49	LHANNA.XE.JCL(IEBGENER)
	Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:37:29	04/21/09 12:37:41	LHANNA.XE.JCL(IEBGENER)
	Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:33:20		LHANNA.XE.JCL(IEBGENER)
	Louis Hanna	RMM SV ALL		DFSMSrmm	1	0	04/21/09 12:23:14	04/21/09 12:23:25	sv volume(*) owner(*) limit(*)
	Team 8	Thu Apr 16 16:03:11 2009		DFSMSdss Release	1	0	04/16/09 16:03:11	04/16/09 16:03:23	RELEASE INCLUDE(%SUB01%)
	Louis Hanna	Demo Sample		Batch Job	1	0	04/16/09 14:20:59	04/16/09 14:21:10	LHANNA.JCL(IEFBR14)
	Team 5	Thu Apr 16 13:55:42 2009		DFSMSdss Release	1	0	04/16/09 13:55:42	04/16/09 13:55:54	RELEASE INCLUDE(%SUB01%)

Hub Time: Wed, 07/15/2009 05:19 PM

Server Available

Storage Toolkit Action Requests - 9.82.38.49 - Vickie Dault

Results of Volume Delete in Storage Toolkit



Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summar
Dataset Group Summary
SMS Configuration
Storage Toolkit
z/OS Management Console
Physical
Requests with Last Return Code > 0
Action Name
Thu Apr 16 13:46:08 2009
Thu Apr 16 12:58:53 2009
Wed Mar 25 10:04:11 2009
Mon Feb 9 20:40:16 2009
Wed Dec 10 16:09:20 2008
Wed Dec 10 16:04:34 2008
Tue Dec 9 17:57:19 2008
Tue Dec 9 13:45:15 2008
Tue Jun 10 16:29:08 2008
Tue Jun 10 16:28:55 2008
Backup bfr Migrate
Thu May 22 15:37:45 2008
DFDSS Test from XE
0
10
20
30
40
50
60
70
80
90
100
110
120
130
Return Code
Action Requests

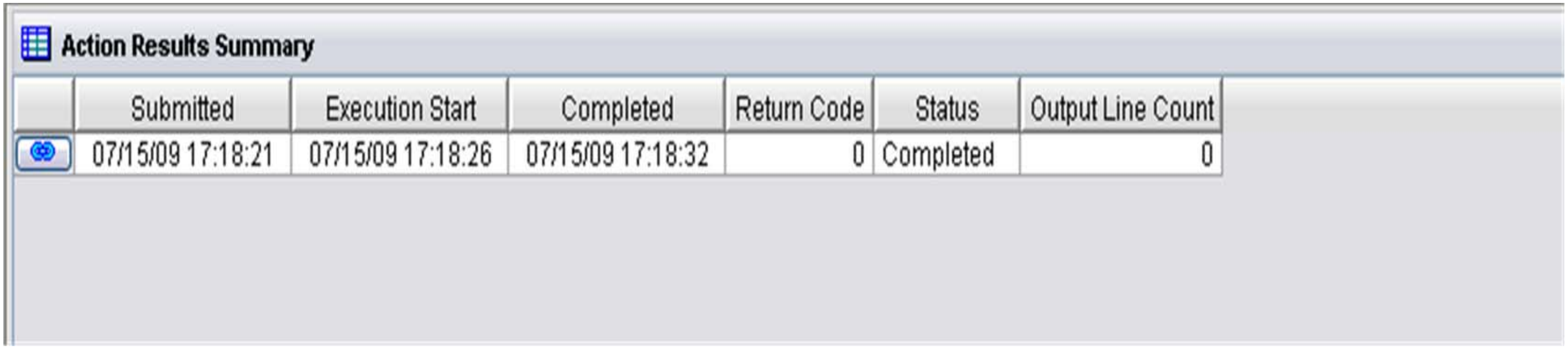
Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed	Command
Vickie Dault	Wed Jul 15 17:18:21 2009		DFSMSrmm DeleteVolume	1	0	07/15/09 17:18:21	07/15/09 17:18:32	DELETEVOLUME '%SUB01%' REMOVE NOEJEC
Louis Hanna	demo8	test	DFSMSdss Release	1	0	05/01/09 07:55:18	05/01/09 07:55:30	RELEASE INCLUDE(%SUB01%)
Louis Hanna	Thu Apr 23 12:22:37 2009		Batch Job	1	0	04/23/09 12:22:37	04/23/09 12:22:49	LHANNA.XE.JCL(IEBGENER)
Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:37:29	04/21/09 12:37:41	LHANNA.XE.JCL(IEBGENER)
Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:33:20		LHANNA.XE.JCL(IEBGENER)
Louis Hanna	RMM SV ALL		DFSMSrmm	1	0	04/21/09 12:23:14	04/21/09 12:23:25	sv volume(*) owner(*) limit(*)
Team 8	Thu Apr 16 16:03:11 2009		DFSMSdss Release	1	0	04/16/09 16:03:11	04/16/09 16:03:23	RELEASE INCLUDE(%SUB01%)
Louis Hanna	Demo Sample		Batch Job	1	0	04/16/09 14:20:59	04/16/09 14:21:10	LHANNA.JCL(IEFBR14)
Team 5	Thu Apr 16 13:55:42 2009		DFSMSdss Release	1	0	04/16/09 13:55:42	04/16/09 13:55:54	RELEASE INCLUDE(%SUB01%)

Hub Time: Wed, 07/15/2009 05:19 PM

Server Available

Storage Toolkit Action Requests - 9.82.38.49 - Vickie Dault

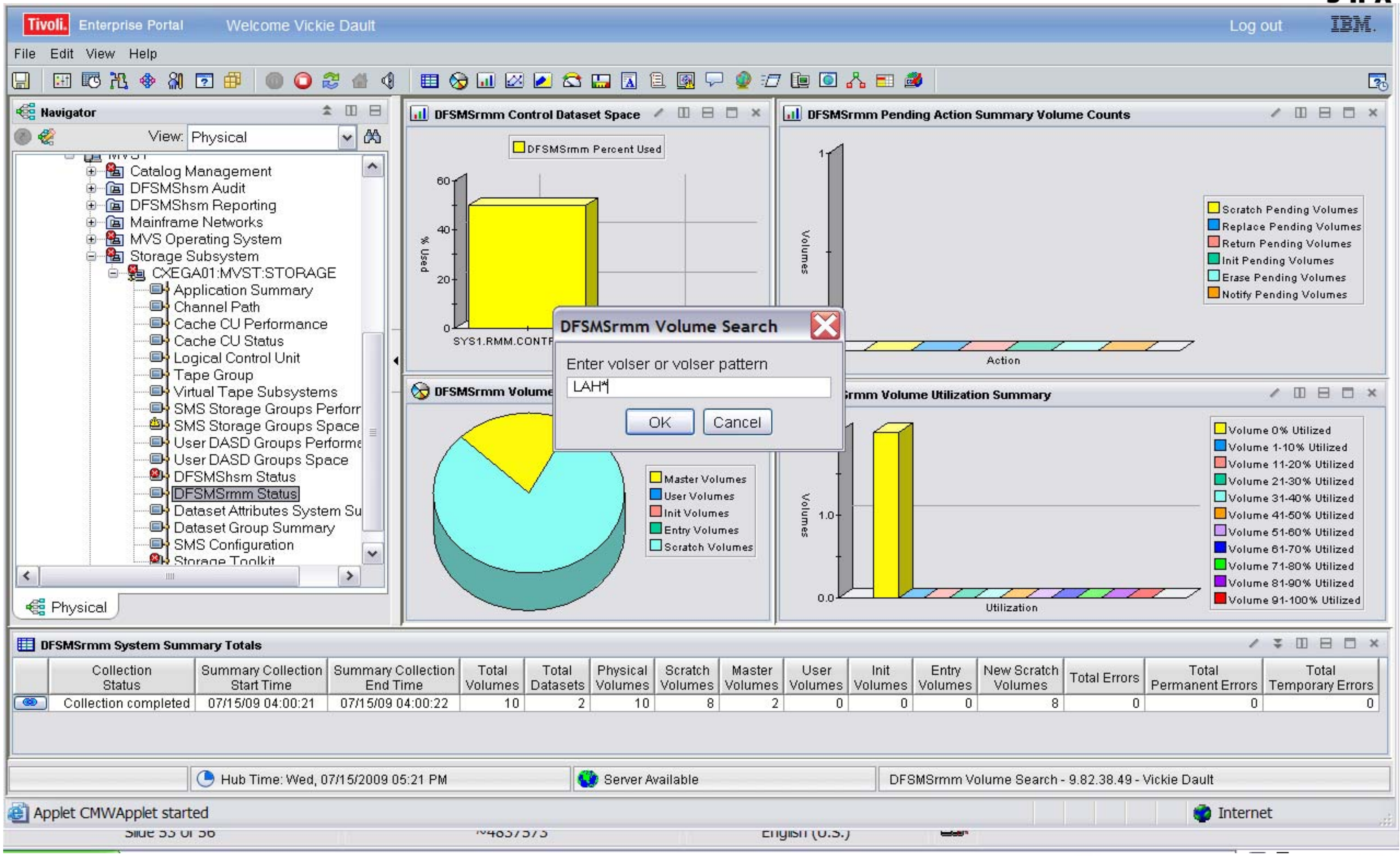
Results of Volume Delete in Storage Toolkit



Action Results Summary

	Submitted	Execution Start	Completed	Return Code	Status	Output Line Count
	07/15/09 17:18:21	07/15/09 17:18:26	07/15/09 17:18:32	0	Completed	0

Confirm Volume Delete


Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Catalog Management
DFSMShsm Audit
DFSMShsm Reporting
Mainframe Networks
MVS Operating System
Storage Subsystem
CXEGA01:MVST:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Perforr
SMS Storage Groups Space
User DASD Groups Performa
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Su
Dataset Group Summary
SMS Configuration
Storage Toolkit
Physical
DFSMSrmm Control Dataset Space
DFSMSrmm Percent Used
% Used
60
40
20
0
SYS1.RMM.CONTR
DFSMSrmm Pending Action Summary Volume Counts
Volumes
1
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
DFSMSrmm Volume
Master Volumes
User Volumes
Init Volumes
Entry Volumes
Scratch Volumes
rmm Volume Utilization Summary
Volumes
1.0
0.0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized
OK
Cancel
Applet CMWApplet started
Internet

DFSMSrmm Volume Search

Enter volser or volser pattern

LAH*

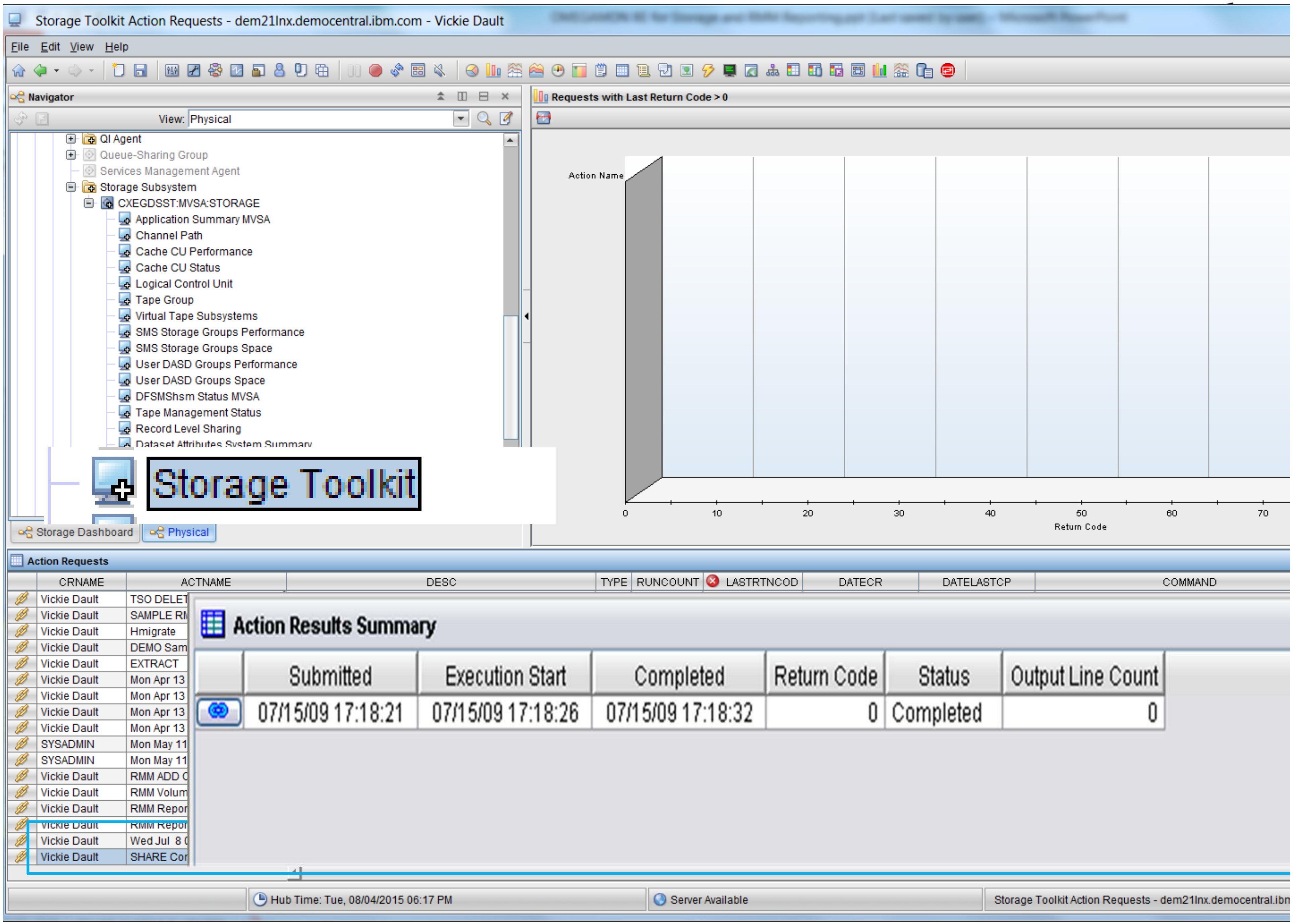
DFSMSrmm System Summary Totals

	Collection Status	Summary Collection Start Time	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
	Collection completed	07/15/09 04:00:21	07/15/09 04:00:22	10	2	10	8	2	0	0	0	8	0	0	0

Hub Time: Wed, 07/15/2009 05:21 PM

Server Available

DFSMSrmm Volume Search - 9.82.38.49 - Vickie Dault


File Edit View Help
Navigator
View: Physical
Requests with Last Return Code > 0
Action Name
0
10
20
30
40
50
60
70
Return Code
Storage Dashboard
Physical

Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault

- QI Agent
- Queue-Sharing Group
- Services Management Agent
- Storage Subsystem
  - CXEGDSST:MVSA:STORAGE
    - Application Summary MVSA
    - Channel Path
    - Cache CU Performance
    - Cache CU Status
    - Logical Control Unit
    - Tape Group
    - Virtual Tape Subsystems
    - SMS Storage Groups Performance
    - SMS Storage Groups Space
    - User DASD Groups Performance
    - User DASD Groups Space
    - DFSMShsm Status MVSA
    - Tape Management Status
    - Record Level Sharing
    - Dataset Attributes System Summary

Storage Toolkit

Action Requests

CRNAME	ACTNAME	DESC	TYPE	RUNCOUNT	LASTRTNCOD	DATECR	DATELASTCP	COMMAND
Vickie Dault	TSO DELET							
Vickie Dault	SAMPLE RI							
Vickie Dault	Hmigrate							
Vickie Dault	DEMO Sam							
Vickie Dault	EXTRACT							
Vickie Dault	Mon Apr 13							
Vickie Dault	Mon Apr 13							
Vickie Dault	Mon Apr 13							
Vickie Dault	Mon Apr 13							
SYSADMIN	Mon May 11							
SYSADMIN	Mon May 11							
Vickie Dault	RMM ADD C							
Vickie Dault	RMM Volum							
Vickie Dault	RMM Repor							
Vickie Dault	RMM Repor							
Vickie Dault	Wed Jul 8 0							
Vickie Dault	SHARE Cor							

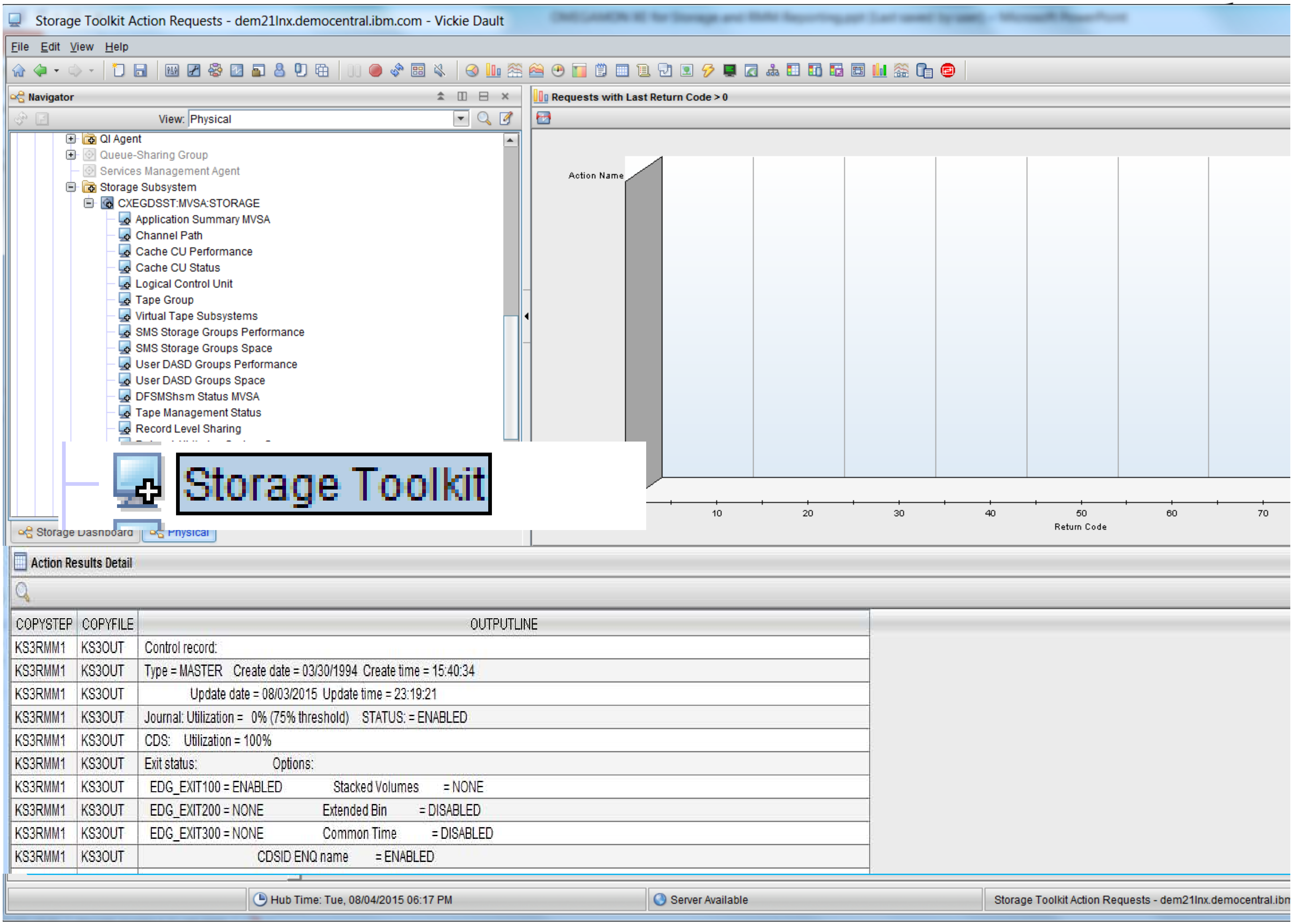
Action Results Summary

	Submitted	Execution Start	Completed	Return Code	Status	Output Line Count
	07/15/09 17:18:21	07/15/09 17:18:26	07/15/09 17:18:32	0	Completed	0

Hub Time: Tue, 08/04/2015 06:17 PM

Server Available

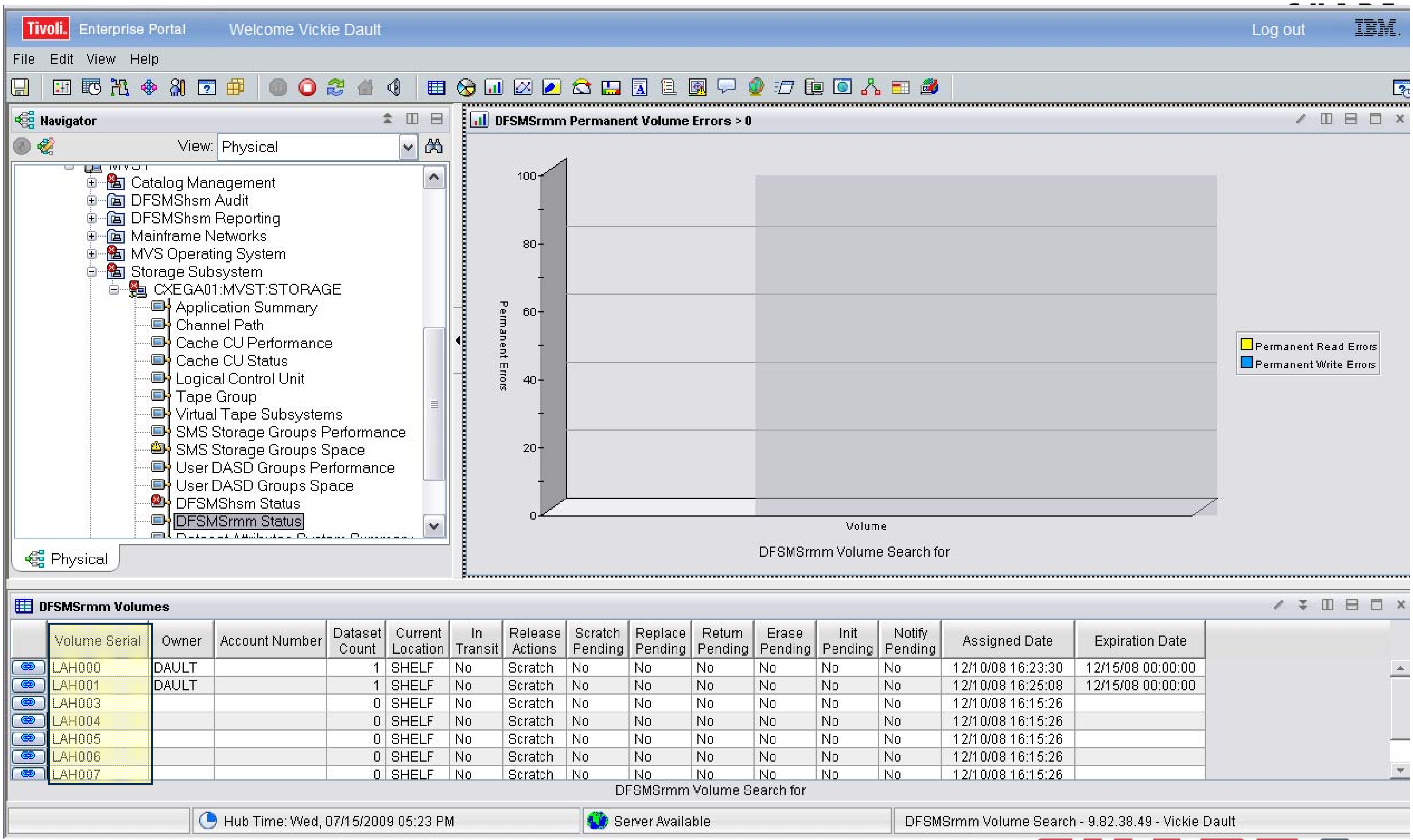
Storage Toolkit Action Requests - dem21lnx.democentral.ibn


Storage Toolkit Action Requests - dem21lnx.democentral.ibm.com - Vickie Dault
File Edit View Help
Navigator
View: Physical
QI Agent
Queue-Sharing Group
Services Management Agent
Storage Subsystem
CXEGDSST:MVSA:STORAGE
Application Summary MVSA
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status MVSA
Tape Management Status
Record Level Sharing
Storage Dashboard
Physical
Requests with Last Return Code > 0
Action Name
10
20
30
40
50
60
70
Return Code
Action Results Detail
Hub Time: Tue, 08/04/2015 06:17 PM
Server Available
Storage Toolkit Action Requests - dem21lnx.democentral.ibn

Storage Toolkit

COPYSTEP	COPYFILE	OUTPUTLINE
KS3RMM1	KS3OUT	Control record:
KS3RMM1	KS3OUT	Type = MASTER Create date = 03/30/1994 Create time = 15:40:34
KS3RMM1	KS3OUT	Update date = 08/03/2015 Update time = 23:19:21
KS3RMM1	KS3OUT	Journal: Utilization = 0% (75% threshold) STATUS: = ENABLED
KS3RMM1	KS3OUT	CDS: Utilization = 100%
KS3RMM1	KS3OUT	Exit status: Options:
KS3RMM1	KS3OUT	EDG_EXIT100 = ENABLED Stacked Volumes = NONE
KS3RMM1	KS3OUT	EDG_EXIT200 = NONE Extended Bin = DISABLED
KS3RMM1	KS3OUT	EDG_EXIT300 = NONE Common Time = DISABLED
KS3RMM1	KS3OUT	CDSID ENQ name = ENABLED

Confirm Volume Delete


Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Catalog Management
DFSMShsm Audit
DFSMShsm Reporting
Mainframe Networks
MVS Operating System
Storage Subsystem
CXEGA01:MVST:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Physical
DFSMSrmm Permanent Volume Errors > 0
100
80
60
40
20
0
Permanent Errors
Volume
DFSMSrmm Volume Search for
Permanent Read Errors
Permanent Write Errors
DFSMSrmm Volumes

Volume Serial	Owner	Account Number	Dataset Count	Current Location	In Transit	Release Actions	Scratch Pending	Replace Pending	Return Pending	Erase Pending	Init Pending	Notify Pending	Assigned Date	Expiration Date
LAH000	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:23:30	12/15/08 00:00:00
LAH001	DAULT		1	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:25:08	12/15/08 00:00:00
LAH003			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH004			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH005			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH006			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	
LAH007			0	SHELF	No	Scratch	No	No	No	No	No	No	12/10/08 16:15:26	

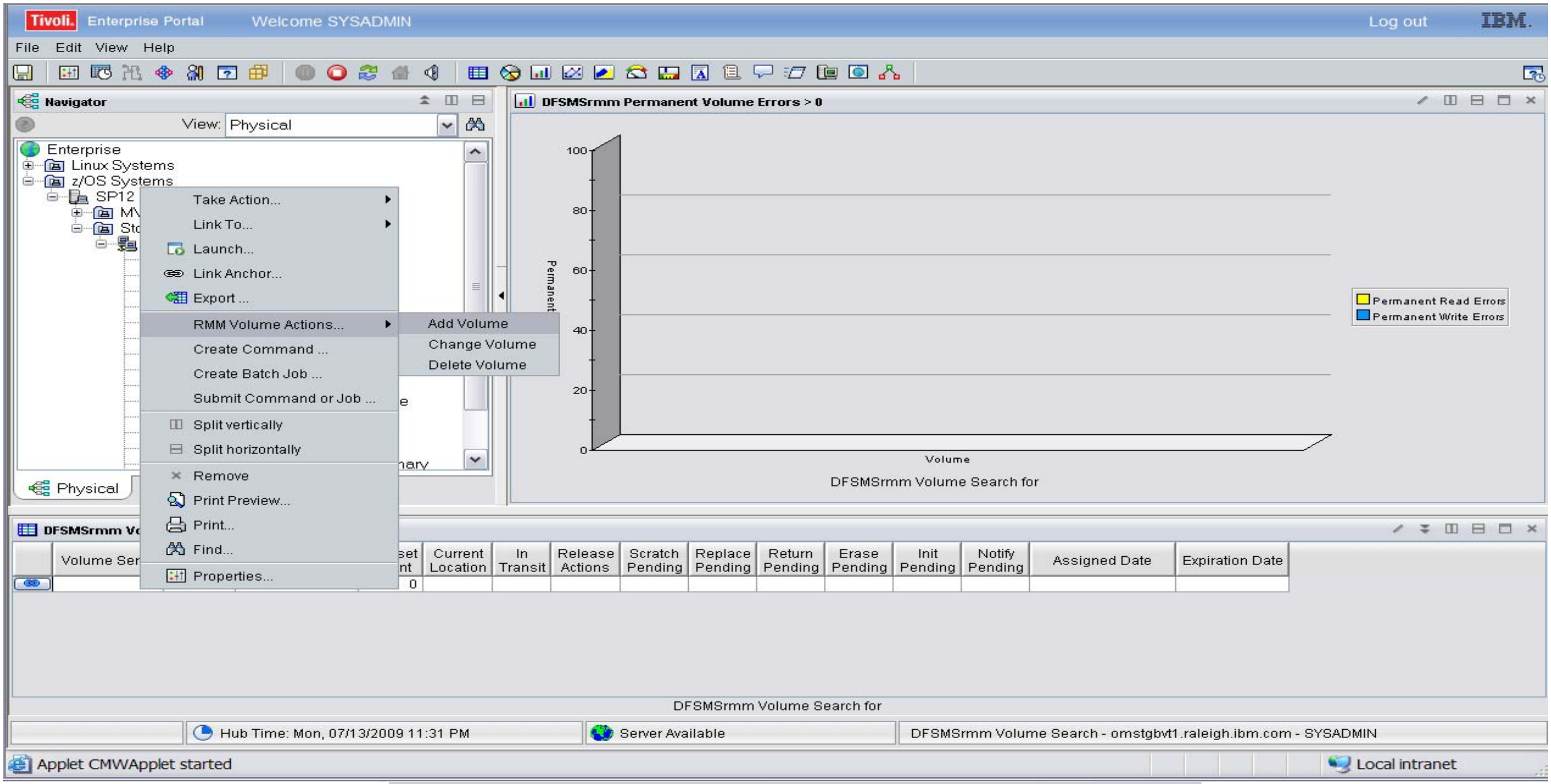
DFSMSrmm Volume Search for

Hub Time: Wed, 07/15/2009 05:23 PM

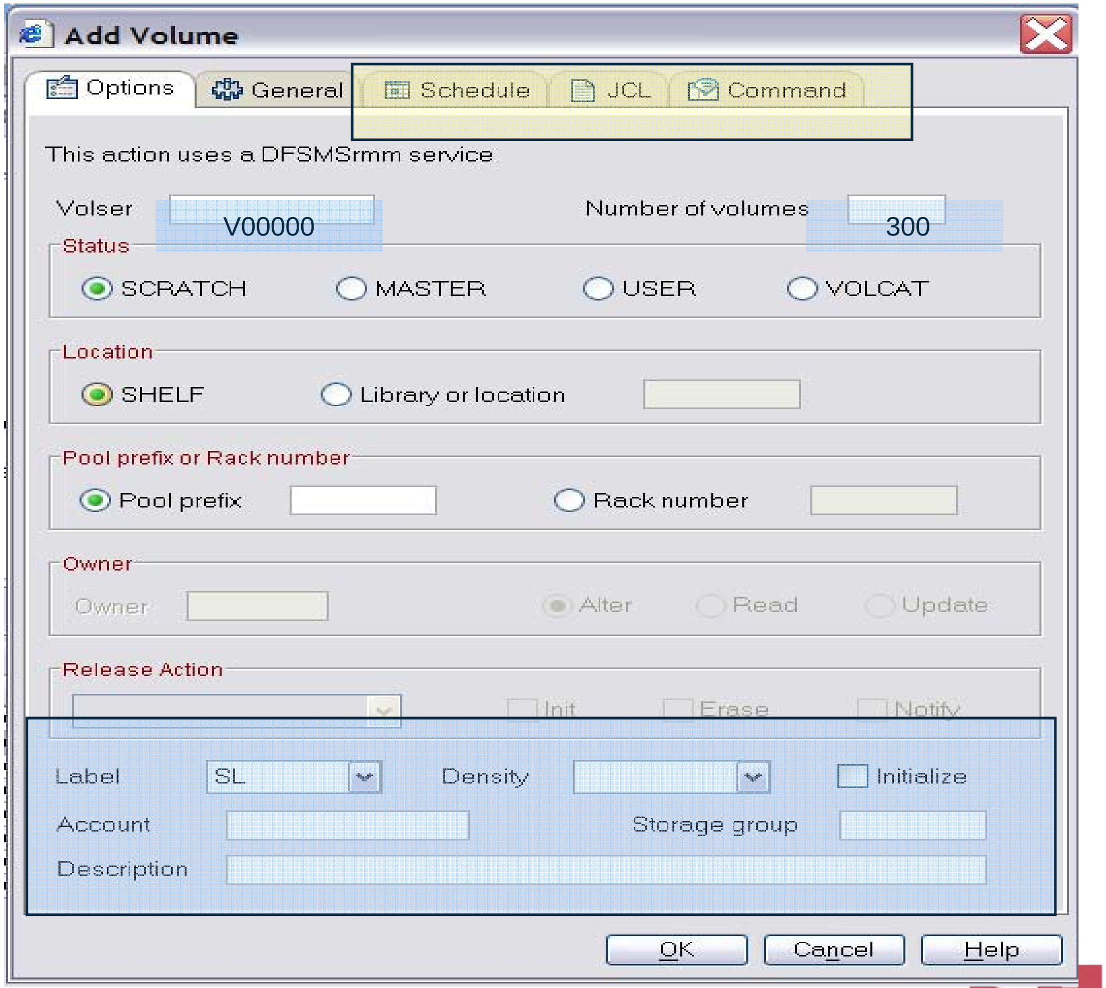
Server Available

DFSMSrmm Volume Search - 9.82.38.49 - Vickie Dault

Rmm Adding Volumes


Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Enterprise
Linux Systems
z/OS Systems
SP12
Take Action...
Link To...
Launch...
Link Anchor...
Export ...
RMM Volume Actions...
Add Volume
Change Volume
Delete Volume
Create Command ...
Create Batch Job ...
Submit Command or Job ...
Split vertically
Split horizontally
Remove
Print Preview...
Print...
Find...
Properties...
Physical
DFSMSrmm Permanent Volume Errors > 0
100
80
60
40
20
0
Permanent
Volume
Permanent Read Errors
Permanent Write Errors
DFSMSrmm Volume Search for
Volume Ser
Current Location
In Transit
Release Actions
Scratch Pending
Replace Pending
Return Pending
Erase Pending
Init Pending
Notify Pending
Assigned Date
Expiration Date
0
DFSMSrmm Volume Search for
Hub Time: Mon, 07/13/2009 11:31 PM
Server Available
DFSMSrmm Volume Search - omstgbvt1.raleigh.ibm.com - SYSADMIN
Applet CMWApplet started
Local intranet

Rmm Adding Volumes


Add Volume
Options
General
Schedule
JCL
Command
OK
Cancel
Help

This action uses a DFSMSrmm service

Volser V00000

Number of volumes 300

Status
● SCRATCH ○ MASTER ○ USER ○ VOLCAT

Location
● SHELF ○ Library or location

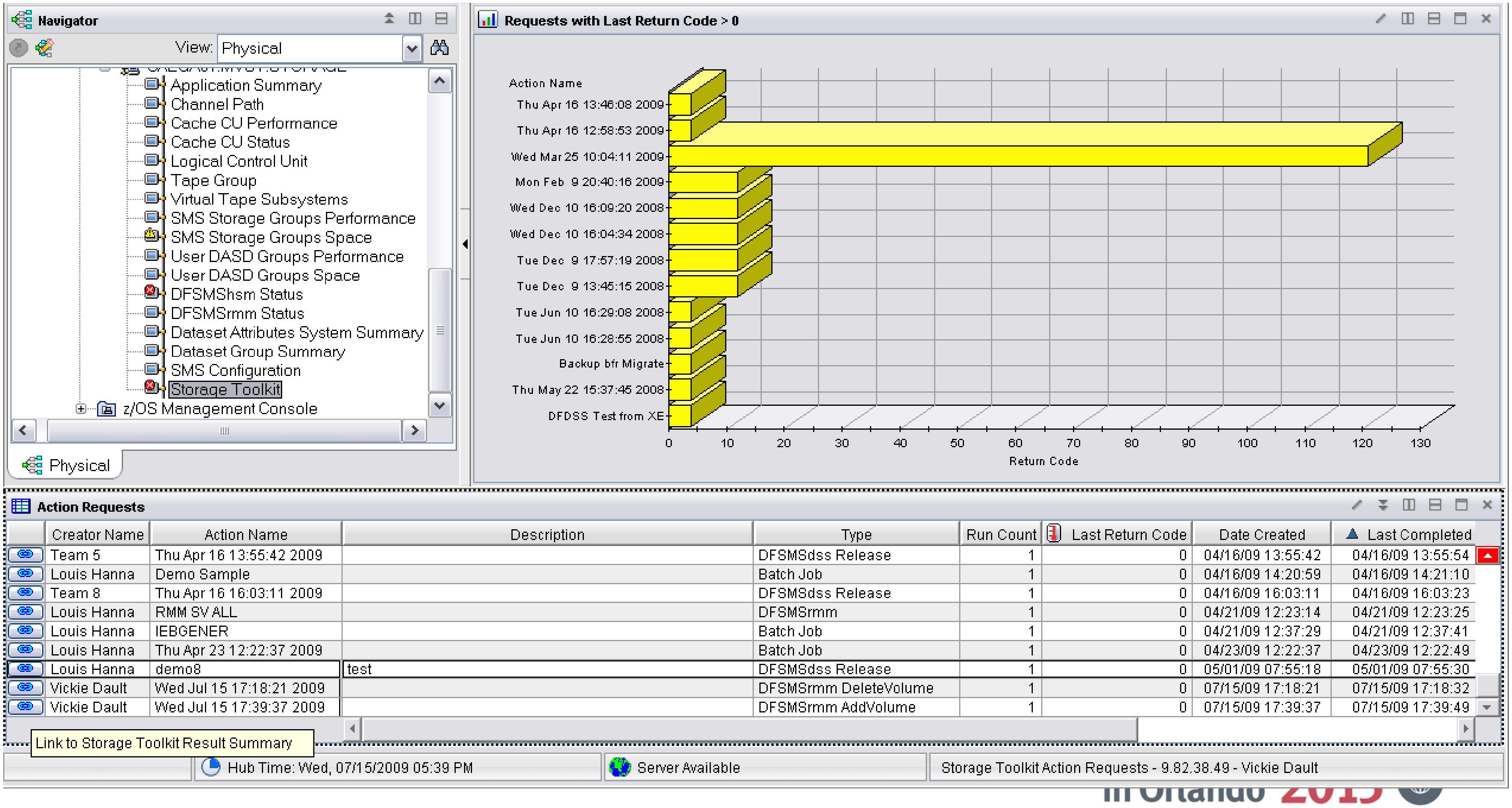
Pool prefix or Rack number
● Pool prefix ○ Rack number

Owner
Owner
● Alter ○ Read ○ Update

Release Action
☐ Init ☐ Erase ☐ Notify

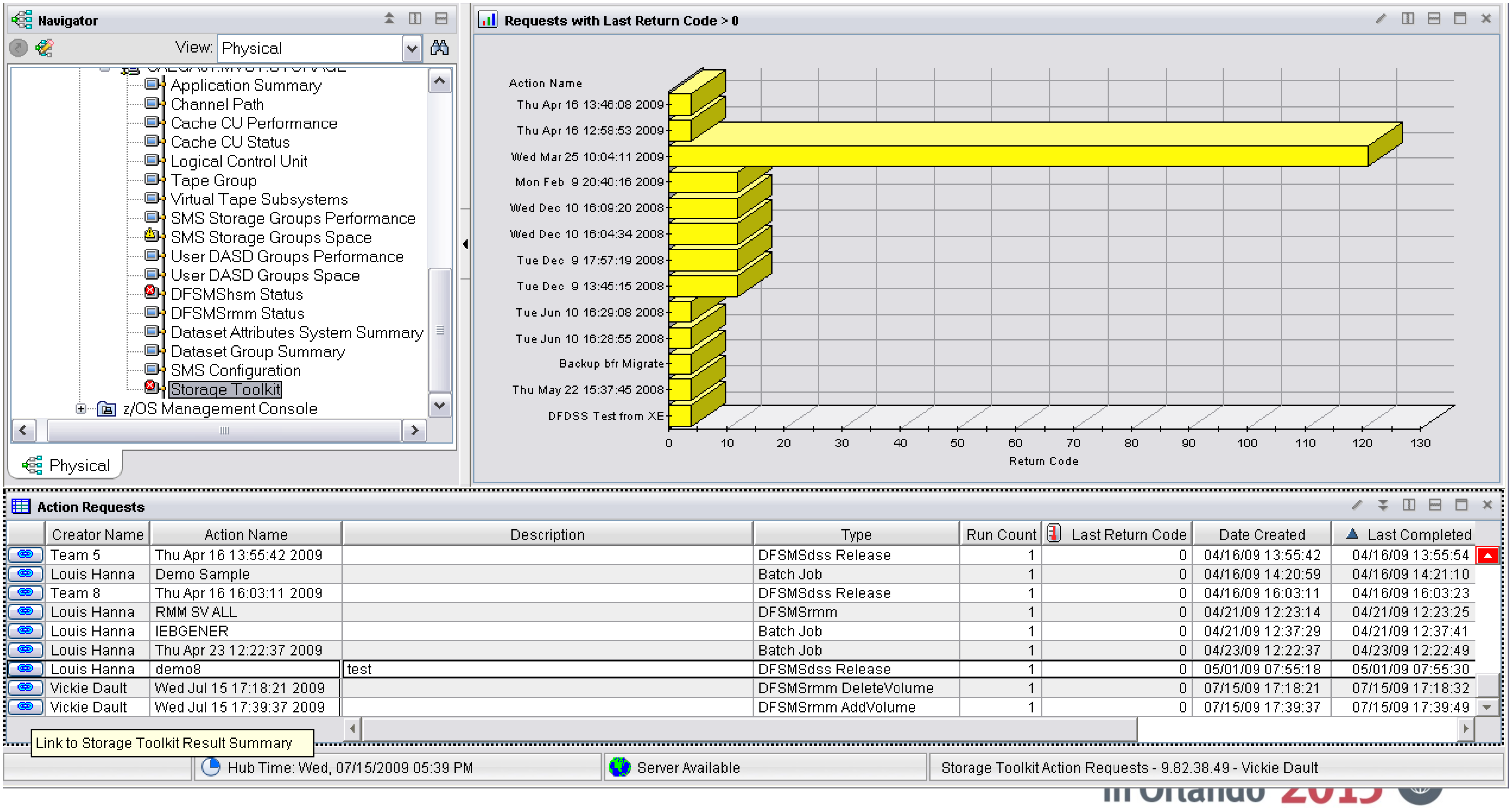
Label SL
Density
☐ Initialize
Account
Storage group
Description

Results of Volume Add in Storage Toolkit


Navigator
View: Physical
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
z/OS Management Console
Physical
Requests with Last Return Code > 0
Action Name
Thu Apr 16 13:46:08 2009
Thu Apr 16 12:58:53 2009
Wed Mar 25 10:04:11 2009
Mon Feb 9 20:40:16 2009
Wed Dec 10 16:09:20 2008
Wed Dec 10 16:04:34 2008
Tue Dec 9 17:57:19 2008
Tue Dec 9 13:45:15 2008
Tue Jun 10 16:29:08 2008
Tue Jun 10 16:28:55 2008
Backup bfr Migrate
Thu May 22 15:37:45 2008
DFDSS Test from XE
0
10
20
30
40
50
60
70
80
90
100
110
120
130
Return Code
Action Requests
Link to Storage Toolkit Result Summary
Hub Time: Wed, 07/15/2009 05:39 PM
Server Available
Storage Toolkit Action Requests - 9.82.38.49 - Vickie Dault

Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed
Team 5	Thu Apr 16 13:55:42 2009		DFSMSdss Release	1	0	04/16/09 13:55:42	04/16/09 13:55:54
Louis Hanna	Demo Sample		Batch Job	1	0	04/16/09 14:20:59	04/16/09 14:21:10
Team 8	Thu Apr 16 16:03:11 2009		DFSMSdss Release	1	0	04/16/09 16:03:11	04/16/09 16:03:23
Louis Hanna	RMM SV ALL		DFSMSrmm	1	0	04/21/09 12:23:14	04/21/09 12:23:25
Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:37:29	04/21/09 12:37:41
Louis Hanna	Thu Apr 23 12:22:37 2009		Batch Job	1	0	04/23/09 12:22:37	04/23/09 12:22:49
Louis Hanna	demo8	test	DFSMSdss Release	1	0	05/01/09 07:55:18	05/01/09 07:55:30
Vickie Dault	Wed Jul 15 17:18:21 2009		DFSMSrmm DeleteVolume	1	0	07/15/09 17:18:21	07/15/09 17:18:32
Vickie Dault	Wed Jul 15 17:39:37 2009		DFSMSrmm AddVolume	1	0	07/15/09 17:39:37	07/15/09 17:39:49

Results of Volume Add in Storage Toolkit


Navigator
View: Physical
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
z/OS Management Console
Physical
Requests with Last Return Code > 0
Action Name
Thu Apr 16 13:46:08 2009
Thu Apr 16 12:58:53 2009
Wed Mar 25 10:04:11 2009
Mon Feb 9 20:40:16 2009
Wed Dec 10 16:09:20 2008
Wed Dec 10 16:04:34 2008
Tue Dec 9 17:57:19 2008
Tue Dec 9 13:45:15 2008
Tue Jun 10 16:29:08 2008
Tue Jun 10 16:28:55 2008
Backup bfr Migrate
Thu May 22 15:37:45 2008
DFDSS Test from XE
0
10
20
30
40
50
60
70
80
90
100
110
120
130
Return Code
Action Requests

Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed
Team 5	Thu Apr 16 13:55:42 2009		DFSMSdss Release	1	0	04/16/09 13:55:42	04/16/09 13:55:54
Louis Hanna	Demo Sample		Batch Job	1	0	04/16/09 14:20:59	04/16/09 14:21:10
Team 8	Thu Apr 16 16:03:11 2009		DFSMSdss Release	1	0	04/16/09 16:03:11	04/16/09 16:03:23
Louis Hanna	RMM SV ALL		DFSMSrmm	1	0	04/21/09 12:23:14	04/21/09 12:23:25
Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:37:29	04/21/09 12:37:41
Louis Hanna	Thu Apr 23 12:22:37 2009		Batch Job	1	0	04/23/09 12:22:37	04/23/09 12:22:49
Louis Hanna	demo8	test	DFSMSdss Release	1	0	05/01/09 07:55:18	05/01/09 07:55:30
Vickie Dault	Wed Jul 15 17:18:21 2009		DFSMSrmm DeleteVolume	1	0	07/15/09 17:18:21	07/15/09 17:18:32
Vickie Dault	Wed Jul 15 17:39:37 2009		DFSMSrmm AddVolume	1	0	07/15/09 17:39:37	07/15/09 17:39:49

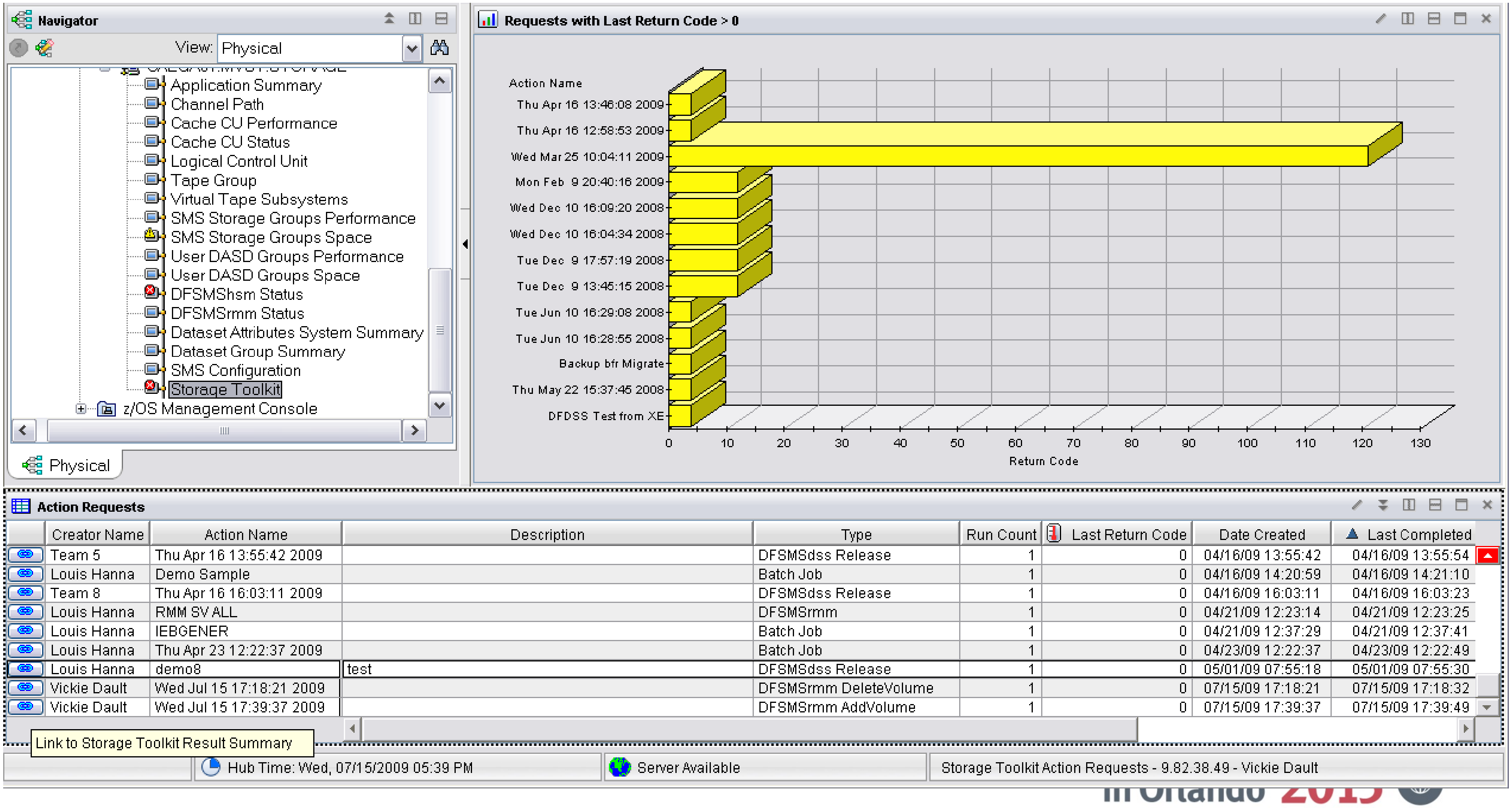
Link to Storage Toolkit Result Summary

Hub Time: Wed, 07/15/2009 05:39 PM

Server Available

Storage Toolkit Action Requests - 9.82.38.49 - Vickie Dault

Results of Volume Add in Storage Toolkit


Navigator
View: Physical
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Dataset Attributes System Summary
Dataset Group Summary
SMS Configuration
Storage Toolkit
z/OS Management Console
Physical
Requests with Last Return Code > 0
Action Name
Thu Apr 16 13:46:08 2009
Thu Apr 16 12:58:53 2009
Wed Mar 25 10:04:11 2009
Mon Feb 9 20:40:16 2009
Wed Dec 10 16:09:20 2008
Wed Dec 10 16:04:34 2008
Tue Dec 9 17:57:19 2008
Tue Dec 9 13:45:15 2008
Tue Jun 10 16:29:08 2008
Tue Jun 10 16:28:55 2008
Backup bfr Migrate
Thu May 22 15:37:45 2008
DFDSS Test from XE
0
10
20
30
40
50
60
70
80
90
100
110
120
130
Return Code
Action Requests

	Creator Name	Action Name	Description	Type	Run Count	Last Return Code	Date Created	Last Completed
	Team 5	Thu Apr 16 13:55:42 2009		DFSMSdss Release	1	0	04/16/09 13:55:42	04/16/09 13:55:54
	Louis Hanna	Demo Sample		Batch Job	1	0	04/16/09 14:20:59	04/16/09 14:21:10
	Team 8	Thu Apr 16 16:03:11 2009		DFSMSdss Release	1	0	04/16/09 16:03:11	04/16/09 16:03:23
	Louis Hanna	RMM SV ALL		DFSMSrmm	1	0	04/21/09 12:23:14	04/21/09 12:23:25
	Louis Hanna	IEBGENER		Batch Job	1	0	04/21/09 12:37:29	04/21/09 12:37:41
	Louis Hanna	Thu Apr 23 12:22:37 2009		Batch Job	1	0	04/23/09 12:22:37	04/23/09 12:22:49
	Louis Hanna	demo8	test	DFSMSdss Release	1	0	05/01/09 07:55:18	05/01/09 07:55:30
	Vickie Dault	Wed Jul 15 17:18:21 2009		DFSMSrmm DeleteVolume	1	0	07/15/09 17:18:21	07/15/09 17:18:32
	Vickie Dault	Wed Jul 15 17:39:37 2009		DFSMSrmm AddVolume	1	0	07/15/09 17:39:37	07/15/09 17:39:49

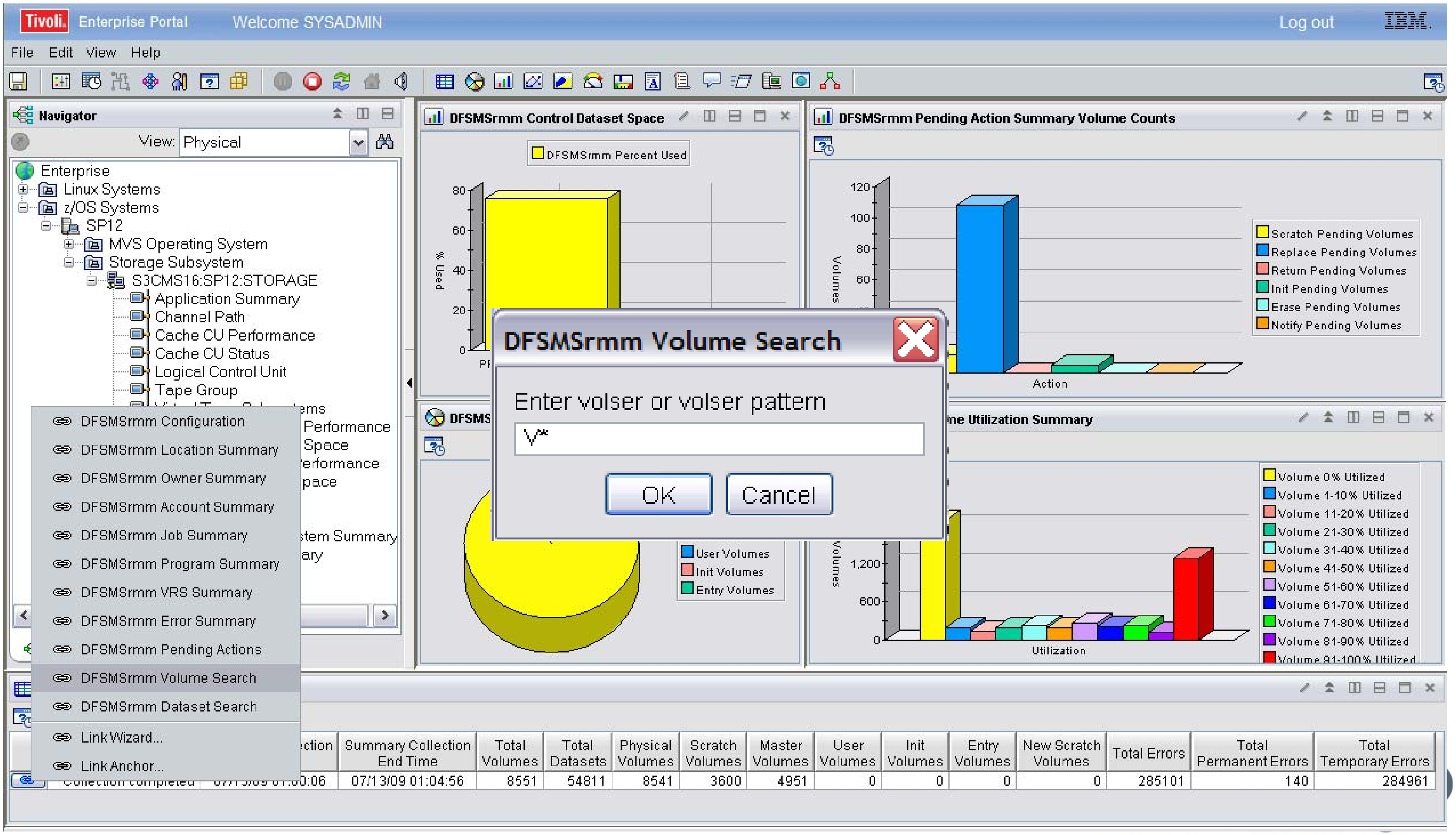
Link to Storage Toolkit Result Summary

Hub Time: Wed, 07/15/2009 05:39 PM

Server Available

Storage Toolkit Action Requests - 9.82.38.49 - Vickie Dault

Rmm Volume Search



Tivoli. Enterprise Portal
Welcome SYSADMIN
Log out
IBM.
File Edit View Help
Navigator
View: Physical
Enterprise
Linux Systems
z/OS Systems
SP12
MVS Operating System
Storage Subsystem
S3CMS16:SP12:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Performance
Space
erformance
pace
stem Summary
ary
DFSMSrmm Configuration
DFSMSrmm Location Summary
DFSMSrmm Owner Summary
DFSMSrmm Account Summary
DFSMSrmm Job Summary
DFSMSrmm Program Summary
DFSMSrmm VRS Summary
DFSMSrmm Error Summary
DFSMSrmm Pending Actions
DFSMSrmm Volume Search
DFSMSrmm Dataset Search
Link Wizard...
Link Anchor...
DFSMSrmm Control Dataset Space
DFSMSrmm Percent Used
% Used
80
60
40
20
0
DFSMSrmm Pending Action Summary Volume Counts
Volumes
120
100
80
60
Action
Scratch Pending Volumes
Replace Pending Volumes
Return Pending Volumes
Init Pending Volumes
Erase Pending Volumes
Notify Pending Volumes
DFSMS
User Volumes
Init Volumes
Entry Volumes
me Utilization Summary
Volumes
1,200
600
0
Utilization
Volume 0% Utilized
Volume 1-10% Utilized
Volume 11-20% Utilized
Volume 21-30% Utilized
Volume 31-40% Utilized
Volume 41-50% Utilized
Volume 51-60% Utilized
Volume 61-70% Utilized
Volume 71-80% Utilized
Volume 81-90% Utilized
Volume 91-100% Utilized

DFSMSrmm Volume Search

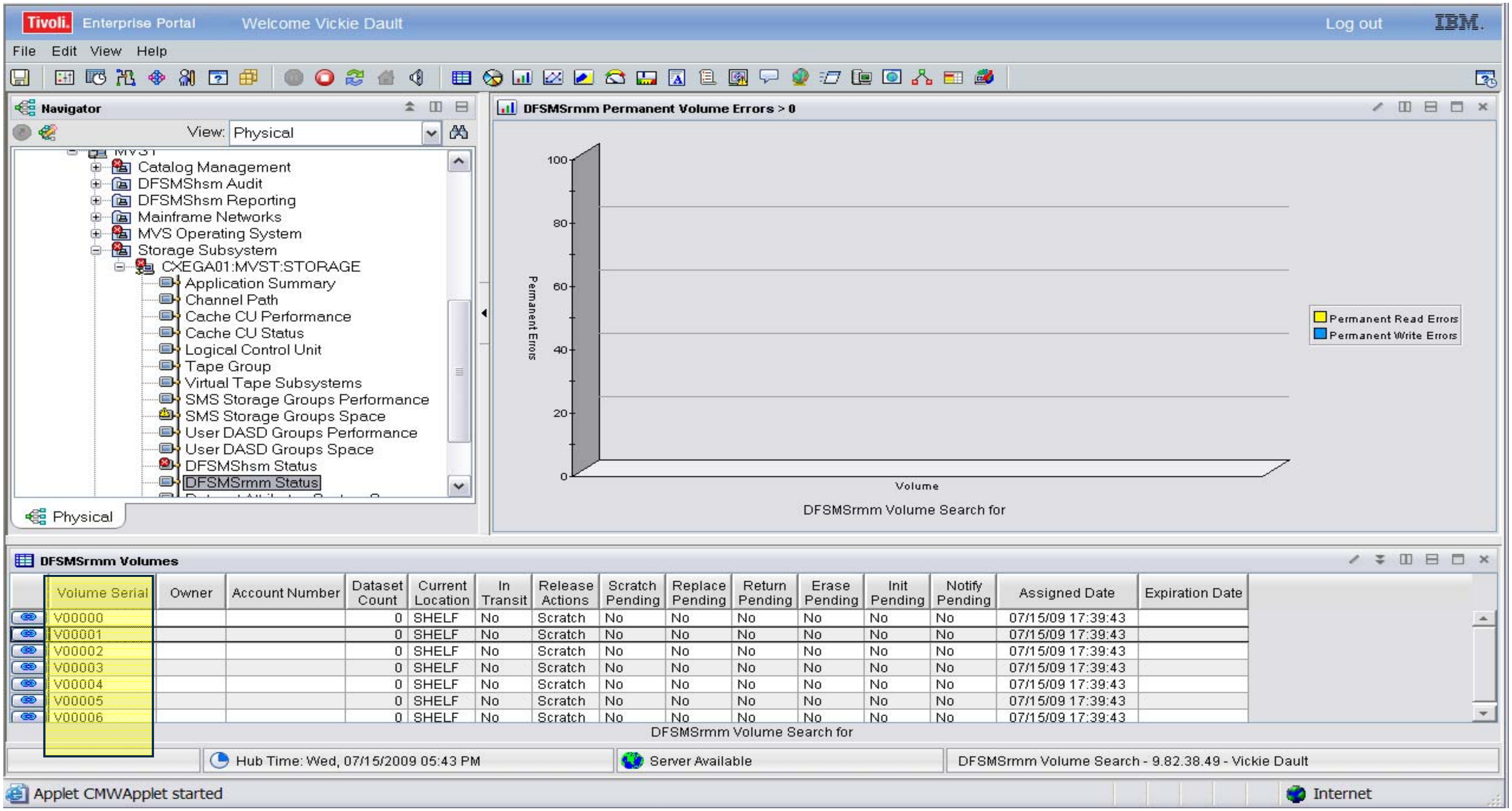
Enter volser or volser pattern

V*

OK Cancel

	ction	Summary Collection End Time	Total Volumes	Total Datasets	Physical Volumes	Scratch Volumes	Master Volumes	User Volumes	Init Volumes	Entry Volumes	New Scratch Volumes	Total Errors	Total Permanent Errors	Total Temporary Errors
Collection completed	[illegible]	07/13/09 01:04:56	8551	54811	8541	3600	4951	0	0	0	0	285101	140	284961

Rmm Volume Search Results


Tivoli. Enterprise Portal
Welcome Vickie Dault
Log out
IBM.
File
Edit
View
Help
Navigator
View: Physical
MVST
Catalog Management
DFSMShsm Audit
DFSMShsm Reporting
Mainframe Networks
MVS Operating System
Storage Subsystem
CXEGA01:MVST:STORAGE
Application Summary
Channel Path
Cache CU Performance
Cache CU Status
Logical Control Unit
Tape Group
Virtual Tape Subsystems
SMS Storage Groups Performance
SMS Storage Groups Space
User DASD Groups Performance
User DASD Groups Space
DFSMShsm Status
DFSMSrmm Status
Physical
DFSMSrmm Permanent Volume Errors > 0
100
80
60
40
20
0
Permanent Errors
Volume
Permanent Read Errors
Permanent Write Errors
DFSMSrmm Volume Search for
DFSMSrmm Volumes

Volume Serial	Owner	Account Number	Dataset Count	Current Location	In Transit	Release Actions	Scratch Pending	Replace Pending	Return Pending	Erase Pending	Init Pending	Notify Pending	Assigned Date	Expiration Date
V00000			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00001			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00002			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00003			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00004			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00005			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	
V00006			0	SHELF	No	Scratch	No	No	No	No	No	No	07/15/09 17:39:43	

DFSMSrmm Volume Search for

Hub Time: Wed, 07/15/2009 05:43 PM
Server Available
DFSMSrmm Volume Search - 9.82.38.49 - Vickie Dault
Applet CMWApplet started
Internet

THANK YOU

?