



# HORIZONT

XINFO – Scanner z/OS - Space

# XINFO and Space Management

The SPACE package gives you information about VTOC, SMS, HSM, VSAM files and tape management (RMM or CA-1).

- VTOC: Physical file size, allocated and used space, STORCLAS, MGMTCLAS etc.
- Volume Information: allocated and used space, last backup date, etc.
- VSAM: Records, CA- and CI-Splits etc.
- HSM: Backup, Migrate etc.
- SMS: MGMTCLAS, STORCLAS, DATACLAS
- RMM and CA-1: VOLSER, creation- and expiration date etc.

# SPACE - Displays

The screenshot shows the XINFO PC Client interface. The 'Workspace Tree' on the left contains a folder named 'Space' which is highlighted with a red box. Below it, a list of 15 sub-items is also highlighted with a red box. A callout box points to the 'Space' folder with the text 'Select SPACE'. Another callout box points to the list of sub-items with the text 'The panel for SPACE, here with 15 options. 1-5 for VTOC/VSAM/HSM/Volume, 6-15 for tape management'. The interface includes a menu bar with 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. Below the menu bar are icons for 'Logon', 'Logoff', 'SQL', 'Options', 'Help', 'About', 'Home', and 'Note'. The status bar at the bottom indicates 'Connected as: P392F, file: XX40T#25'.

Select SPACE

The panel for SPACE, here with 15 options. 1-5 for VTOC/VSAM/HSM/Volume, 6-15 for tape management

# AGENDA

**XINFO – Scanner z/OS -  
Space**

## SPACE – You like to know about...

File sizes and attributes

Last backup date

VSAM files

HSM Backup

HSM Migrate

Volumes

RMM

CA-1

# SPACE – Dataset Selection

The screenshot shows the XINFO PC Client application window. The title bar reads "XINFO PC Client". The menu bar includes "File", "Home", "Table", "Netplan", "Barchart", "Chart", "Script", and "View". Below the menu bar is a toolbar with icons for "Logon", "Logoff", "SQL", "Options", "Help", "About", "Home", and "Note". The main area is divided into a "Workspace Tree" on the left and a main workspace on the right. The "Workspace Tree" shows a hierarchy: "SMF" and "Space" (expanded). Under "Space", "Dataset Info (VTOC)" is selected and highlighted with a yellow border. Other items in the tree include "VSAM Info", "HSM Backup Info", "HSM Migrated Info", "Volume Info", "CA1 Informations", "RMM DSN Information", "RMM Volume Information", "CA-Disk Migrated", "CA-Disk Backup", "DSN Occurrences", "SMS Mgmt. Class", "SMS Data Class", "SMS Storage Class", and "SMS Storage Group". At the bottom of the tree are "PO" and "Output". The status bar at the bottom left says "Connected as: P392F, file: XX40T#25".

To get information about datasets ...

... select option Dataset Info (VTOC)

# SPACE – Dataset Selection

Space - Dataset Info

|                       |              |           |            |
|-----------------------|--------------|-----------|------------|
| Datasetname           | =            |           |            |
| GDG-Generation        | =            |           |            |
| DSORG                 | =            |           |            |
| RECFM                 | =            |           |            |
| <b>Num of Extends</b> | <b>&gt;=</b> | <b>10</b> |            |
| VOLSER                | =            |           |            |
| BLKSIZE               | =            |           |            |
| LRECL                 | =            |           |            |
| Alloc (KB)            |              |           |            |
| Used (KB)             |              |           |            |
| Second (KB)           |              |           |            |
| Unusable (KB)         |              |           |            |
| Creation Date         | =            |           | DD.MM.YYYY |
| Expiration Date       | =            |           | DD.MM.YYYY |
| Last used Date        | =            |           | DD.MM.YYYY |

|                     |   |  |                  |
|---------------------|---|--|------------------|
| GDG-Limit           | = |  |                  |
| GDG-Scratch         | = |  |                  |
| GDG-Empty           | = |  |                  |
| GDG-Mem#            | = |  |                  |
| Dataset Serial Num  | = |  |                  |
| Volume Sequence Num | = |  |                  |
| Backup Date         | = |  | DD.MM.YYYY       |
| Backup Time         | = |  | HH:MM:SS         |
| CLAS                | = |  |                  |
| CLAS                | = |  |                  |
| MGMTCLAS            | = |  |                  |
| Storage Group       | = |  |                  |
| Timestamp           | = |  | DD.MM.YYYY,HH:MM |
| Changed since Bkp   | = |  |                  |
| Calculated EXPDT    | = |  | DD.MM.YYYY       |
| System-ID           | = |  |                  |

OK Actions Cancel

You like to know which datasets have more than 10 extends ...

# SPACE – Dataset Results

The screenshot shows the XINFO PC Client interface displaying dataset information. The table lists various datasets with columns for Datasetname, GDGGen, DSO, RECF, XT, VOLSER, BLKSZ, LRECL, Alloc, Used, Second, Unusable, CR-Date, EXPDT, Last-Used, Limit, Scr, and En. A red box highlights the XT column, and callouts identify several columns: File type (DSO), Extends (XT), Allocated (Alloc), Filename (Datasetname), RECFM (RECF), and BLKSIZE (BLKSZ).

| Datasetname                               | GDGGen | DSO   | RECF  | XT    | VOLSER | BLKSZ | LRECL | Alloc  | Used   | Second | Unusable | CR-Date    | EXPDT      | Last-Used  | Limit | Scr | En |
|-------------------------------------------|--------|-------|-------|-------|--------|-------|-------|--------|--------|--------|----------|------------|------------|------------|-------|-----|----|
| <all>                                     | <all>  | <...> | <...> | <...> | <all>  | <all> | <all> | <...>  | <...>  | <all>  | <all>    | <all>      | <all>      | <all>      | <...> |     |    |
| DFH420.DFHCMACD.DATA                      |        | VS    | U     | 17    | H1C421 | 4096  | 0     | 14941  | 0      | 830    | 0        | 26.09.2014 | 31.12.1999 | 26.09.2014 |       |     |    |
| DFH510.DFHCMACD.DATA                      |        | VS    | U     | 16    | H1C511 | 4096  | 0     | 14111  | 0      | 830    | 0        | 26.09.2014 | 31.12.1999 | 08.10.2014 |       |     |    |
| DFH520.DFHCMACD.DATA                      |        | VS    | U     | 17    | H1C521 | 4096  | 0     | 14941  | 0      | 830    | 0        | 01.10.2014 | 31.12.1999 | 01.10.2014 |       |     |    |
| DSNB10.DSNDBD.DSNDB07.DSN4K00.I0001.A001  |        | VS    | U     | 12    | H1DBB1 | 4096  | 0     | 97115  | 0      | 2490   | 0        | 10.11.2013 | 31.12.1999 | 13.12.2015 |       |     |    |
| DSNB10.DSNDBD.DSNDB07.DSN32K00.I0001.A001 |        | VS    | U     | 10    | H1DBB1 | 4096  | 0     | 84664  | 0      | 2490   | 0        | 10.11.2013 | 31.12.1999 | 23.11.2015 |       |     |    |
| IZU210.ISPLLIB                            |        | PO    | U     | 16    | H1BBN1 | 23200 | 0     | 885    | 775    | 55     | 0        | 23.08.2013 |            | 31.07.2017 |       |     |    |
| ADCDMST.ISPLLIB                           |        | PO    | U     | 13    | H1BBN1 | 23200 | 0     | 719    | 719    | 55     | 0        | 14.10.2014 |            | 14.10.2014 |       |     |    |
| P390P.PAVEL.ASM                           |        | LIB   | FB    | 102   | DEV00  | 27920 | 80    | 11565  | 7747   | 111    | 0        | 06.02.2015 |            | 02.05.2016 |       |     |    |
| SYSH.SMARTJCL.V3R2.LOAD                   |        | PO    | U     | 12    | MAIN01 | 6144  | 0     | 172427 | 172427 | 14830  | 0        | 07.02.2014 |            | 29.08.2017 |       |     |    |
| SYSH.TWSGRAPH.LOAD                        |        | PO    | U     | 16    | MAIN02 | 6144  | 0     | 147858 | 45652  | 8577   | 0        | 22.06.2012 |            | 28.08.2017 |       |     |    |
| SYSH.XINFO.V3R7.LOAD                      |        | PO    | U     | 15    | MAIN02 | 6144  | 0     | 364442 | 363944 | 22577  | 0        | 12.01.2015 |            | 29.08.2017 |       |     |    |
| SYSH.TWZ.V3R2.LOAD                        |        | PO    | U     | 16    | MAIN02 | 6144  | 0     | 234956 | 234956 | 12783  | 0        | 06.03.2015 |            | 29.08.2017 |       |     |    |
| SYSH.XINFO.V4R0.LOAD                      |        | PO    | U     | 13    | MAIN03 | 6144  | 0     | 298980 | 285146 | 19368  | 0        | 21.07.2016 |            | 29.08.2017 |       |     |    |
| SYSH.TWZ.V4R0.LOAD                        |        | PO    | U     | 16    | MAIN03 | 6144  | 0     | 256095 | 256095 | 13834  | 0        | 06.10.2016 |            | 28.08.2017 |       |     |    |

# SPACE – Dataset Fields

The option LEGEND displays a brief description of all fields

| Datasetname                               | GDGGen | DSO   | RECF  | XT | VOLSER | BLKSZ | LRECL | Alloc | Used  | Second | Unusable | CR-Date    | EXPDT      | Last-Used  | Limit | Scr |
|-------------------------------------------|--------|-------|-------|----|--------|-------|-------|-------|-------|--------|----------|------------|------------|------------|-------|-----|
| <all>                                     | <all>  | <...> | <...> |    | <all>  | <all> | <all> | <...> | <...> | <all>  | <all>    | <all>      | <all>      | <all>      | <..>  |     |
| DFH420.DFHCMACD.DATA                      |        | VS    | U     | 17 | H1C421 | 4096  | 0     | 14941 | 0     | 830    | 0        | 26.09.2014 | 31.12.1999 | 26.09.2014 |       |     |
| DFH510.DFHCMACD.DATA                      |        | VS    | U     | 16 | H1C511 | 4096  | 0     | 14111 | 0     | 830    | 0        | 26.09.2014 | 31.12.1999 | 08.10.2014 |       |     |
| DFH520.DFHCMACD.DATA                      |        | VS    | U     | 17 | H1C521 | 4096  | 0     | 14941 | 0     | 830    | 0        | 01.10.2014 | 31.12.1999 | 01.10.2014 |       |     |
| DSNB10.DSNDBD.DSNDB07.DSN4K00.I0001.A001  |        | VS    | U     | 12 | H1DBB1 | 4096  | 0     | 97115 | 0     | 2490   | 0        | 10.11.2013 | 31.12.1999 | 13.12.2015 |       |     |
| DSNB10.DSNDBD.DSNDB07.DSN32K00.I0001.A001 |        | VS    | U     | 10 | H1DBB1 | 4096  | 0     | 84664 | 0     | 2490   | 0        | 10.11.2013 | 31.12.1999 | 23.11.2015 |       |     |
| IZU210.ISPLLIB                            |        | PO    | U     | 16 | H1BBN1 | 23200 | 0     | 885   | 775   | 55     | 0        | 23.08.2013 |            | 31.07.2017 |       |     |

| Short Text  | Long Text      |
|-------------|----------------|
| Datasetname | Datasetname    |
| GDGGen      | GDG-Generation |
| DSO         | DSORG          |
| RECF        | RECFM          |
| XT          | Num of Extends |
| VOLSER      | VOLSER         |
| -----       | -----          |

Connected as: P392F, file: XX40T#25

Lines: 14



# SPACE – Dataset last backup date

The screenshot shows the XINFO PC Client interface. At the top, there is a menu bar with 'File', 'Home', 'Table', 'Netplan', 'Barchart', 'Chart', 'Script', and 'View'. Below the menu bar is a toolbar with icons for Logon, Logoff, SQL, Options, Help, About, Home, and Note. The main area is divided into a 'Workspace Tree' on the left and a main workspace on the right. The 'Workspace Tree' contains a hierarchy of folders and items: SMF, Space, Dataset Info (VTOC), VSAM Info, HSM Backup Info, HSM Migrated Info, Volume Info, CA1 Informations, RMM DSN Information, RMM Volume Information, CA-Disk Migrated, CA-Disk Backup, DSN Occurrences, SMS Mgmt. Class, SMS Data Class, SMS Storage Class, and SMS Storage Group. The 'Dataset Info (VTOC)' item is highlighted with a yellow border. A callout box points to this item with the text '... select again option Dataset Info (VTOC)'. Another callout box in the upper right corner of the interface contains the text 'To get information about datasets last backup date ...'. The status bar at the bottom indicates 'Connected as: P392F, file: XX40T#25'.

To get information about datasets last backup date ...

... select again option Dataset Info (VTOC)

# SPACE – Dataset last backup date

Space - Dataset Info

Datasetname = P390A.\*.XINFO.\*

GDG-Generation =

DSORG =

RECFM =

Num of Extends

VOLSER

BLKSIZE

LRECL =

Alloc (KB) =

Used (KB) =

Second (KB) =

Unusable (KB) =

Creation Date = DD.MM.YYYY

Expiration Date = DD.MM.YYYY

Last used Date = DD.MM.YYYY

GDG-Limit =

GDG-Scratch =

GDG-Empty =

GDG-Mem# =

Dataset Serial Num =

Volume Sequence Num =

Last Backup Date NOT NULL DD.MM.YYYY

Last Backup Time = HH:MM:SS

DATACLAS =

STORCLAS =

MGMTCLAS =

Storage Group =

Timestamp =

Changed since Bkpd =

Calculated EXPDT = DD.MM.YYYY

System-ID =

OK Actions Cancel

Select your project name (dataset name) ...

... and select only records with backup information → comparison operator = NOT NULL

# SPACE – Dataset last backup date

The screenshot shows the 'XINFO PC Client - Space - Dataset Info' window. The table displays the following data:

| Datasetname                         | EXPDT | Last-Used  | Limit | Scr    | Empty | GDG-Mem# | DS-Ser | VS    | Bkp-Date   | Bkp-Time | DATACLAS | STORCLAS | MGMTCLAS | Stogroup | Timestamp |
|-------------------------------------|-------|------------|-------|--------|-------|----------|--------|-------|------------|----------|----------|----------|----------|----------|-----------|
| <all>                               | <all> | <all>      | <..>  | <a...> | <all> | <all>    | <all>  | <all> | <all>      | <all>    | <all>    | <all>    | <all>    | <all>    | <all>     |
| P390A.OPUSR.V210.XINFO.V3R5.CLIST   |       | 03.05.2017 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DEFCMD  |       | 22.08.2016 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DEFGLB  |       | 22.08.2016 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DEFTAB  |       | 22.08.2016 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.PARM    |       | 03.05.2017 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.TGNPARM |       | 03.05.2017 |       |        |       |          | DEV00  | 1     | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |

Annotations in the image include a callout 'Filename' pointing to the 'Datasetname' column, a callout 'Backup date + time' pointing to the 'Bkp-Date' and 'Bkp-Time' columns, and a dark box in the top right containing the text 'You see the result'.

# SPACE – Dataset all HSM backup date(s)

Then you want to know all backup information

1. Right mouse click into line

2. Select Space in popup panel

3. Select HSM Backup Info

Automatically switch to all backup records from this dataset

| Datasetname                       | Limit | Scr | Empty | GDG-Mem# | DS-Ser | VS | Bkp-Date   | Bkp-Time | DATACLAS | STORCLAS | MGMTCLAS | Stogroup | Timestamp |
|-----------------------------------|-------|-----|-------|----------|--------|----|------------|----------|----------|----------|----------|----------|-----------|
| P390A.OPUSR.V210.XINFO.V3R5.CLIST |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DE    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DE    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.DE    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.PA    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:04 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.PA    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |
| P390A.OPUSR.V210.XINFO.V3R5.TG    |       |     |       |          | DEVD00 | 1  | 29.08.2017 | 00:30:03 |          | MANAGED  | MCDEV    | DEVELOP  | 29.08.    |

# SPACE – Dataset all HSM backup date(s)

The screenshot displays the XINFO PC Client interface. The main window title is "XINFO PC Client - Space - HSM Backup Info". The menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon contains various tools like Copy, Select All, Toggle Selection, Customize, Use Default, Use Custom, Group, Statistics, All, Show SQL, Inverse Filter, New, Library, Explorer, and Chart. A dark blue callout box in the top right corner says "You see the new result".

The main area shows a table titled "Space - HSM Backup Info" with the following data row highlighted by a red border:

| Datasetname                        | GDGGen | C | Bkp-Date   | Bkp-Time | BDev | DSO | Size | DATACLAS | STORCLAS | MGMTCLAS | RECF | Type | BLKSZ | Alloc | Used | Recover | 1stVol |
|------------------------------------|--------|---|------------|----------|------|-----|------|----------|----------|----------|------|------|-------|-------|------|---------|--------|
| P390A.OPUSR.V210.XINFO.V3R5.DEFCMD |        | Y | 29.08.2017 | 00:30:05 | DASD | PS  | 260  |          | MANAGED  | MCDEV    | VB   |      | 27998 | 2490  | 394  | 394     | DEVD00 |

Two callout boxes point to specific columns: "Datasetname" points to the first column, and "Backup date + time" points to the "Bkp-Date" and "Bkp-Time" columns.

At the bottom left, it says "Connected as: P392F, file: XX40T#25". At the bottom right, it says "Lines: 1".

# SPACE – VSAM Selection

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The ribbon below the menu is divided into several sections: Edit (Copy, Select All, Toggle Selection), Table Layout (Customize, Use Default, Use Custom), Table Functions (Group, Statistics, All), Tools (Show SQL, Inverse Filter), and Chart (New, Library, Explorer). On the left, the 'Workspace Tree' pane shows a hierarchical view of data. Under the 'Space' folder, 'VSAM Info' is highlighted with a yellow selection box. A dark blue callout bubble with white text points to this selection, stating: "... select option 2 for VSAM Info". Another dark blue callout bubble in the upper right corner of the interface contains the text: "To get information about VSAM files ...". The status bar at the bottom indicates the user is connected as 'P392F' to file 'XX40T#25'.

# SPACE – VSAM Selection

Space - VSAM Info

|                    |   |    |  |
|--------------------|---|----|--|
| Datasetname        | = |    |  |
| Cluster Name       | = |    |  |
| VSAM-Type          | = |    |  |
| Num exist Rec.     | = |    |  |
| Num deleted Rec.   | = |    |  |
| Num inserted Rec.  | = |    |  |
| Num updated Rec.   | = |    |  |
| Num retrieved Rec. | = |    |  |
| Freespace (KB)     | = |    |  |
| CI Splits          | > | 10 |  |
| CA Splits          | = |    |  |

|                 |   |  |                  |
|-----------------|---|--|------------------|
| EXCP            | = |  |                  |
| Key offset      | = |  |                  |
| Key length      | = |  |                  |
| % Used          | = |  |                  |
| High Used RBA   | = |  |                  |
| High Alloc. RBA | = |  |                  |
| CI/CA           | = |  |                  |
| System-ID       | = |  |                  |
| Timestamp       | = |  | DD.MM.YYYY,HH:MM |

OK Actions Cancel

You like to know which VSAM files have more than 10 CI splits ...

# SPACE – VSAM Results

XINFO PC Client - Space - VSAM Info

File Home Table Netplan Barchart Chart Script View Style

Space - VSAM Info

| Datasetname                                    | Exist-Recs | Del-Recs | Ins-Recs | Upd-Recs | Retr-Recs | Freespace | CI-Spl | CA-Spl | EXCP     | Key-O | Key-L | %Use  | High-Used | High-Alloc | CI/CA |
|------------------------------------------------|------------|----------|----------|----------|-----------|-----------|--------|--------|----------|-------|-------|-------|-----------|------------|-------|
| <all>                                          | <all>      | <all>    | <all>    | <all>    | <all>     | <all>     | <all>  | <all>  | <all>    | <all> | <all> | <all> | <all>     | <all>      | <all> |
| USERCAT.Z21H.PRODS                             | 0          | 289      | 0        | 0        | 0         | 7200      | 68     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| CATALOG.Z21H.MASTER                            | 0          | 2123     | 0        | 0        | 0         | 7200      | 95     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.IMSUTIL                           | 0          | 0        | 0        | 0        | 0         | 7200      | 12     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| DFH420.CICS.DFHCS.D.DATA                       | 3258       | 2862     | 5872     | 6        | 555781    | 756       | 46     | 1      | 42793    | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH420.CICS.DFHGCD.D.DATA                      | 1          | 7410     | 7409     | 84       | 7598      | 1376      | 20     | 0      | 1136     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| DFH510.CICS.DFHCS.D.DATA                       | 3220       | 2843     | 5819     | 6        | 22576153  | 756       | 46     | 1      | 634727   | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH510.CICS.DFHGCD.D.DATA                      | 3684       | 10942    | 14578    | 155      | 11264     | 640       | 36     | 1      | 2165     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| DFH520.CICS.DFHCS.D.DATA                       | 3224       | 2842     | 5820     | 6        | 23719303  | 756       | 46     | 1      | 683232   | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH520.CICS.DFHGCD.D.DATA                      | 3689       | 11015    | 14673    | 171      | 11353     | 640       | 36     | 1      | 2223     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| CATALOG.Z111.MASTER                            | 0          | 7859     | 0        | 0        | 0         | 7200      | 30     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.DB2VB                             | 0          | 2498802  | 0        | 0        | 0         | 7200      | 5142   | 5      | 0        | 9     | 45    | 60    | 4423680   | 7372800    | 180   |
| USERCAT.Z21H.IMS12                             | 0          | 0        | 0        | 0        | 0         | 7200      | 14     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.IMS13                             | 0          | 0        | 0        | 0        | 0         | 7200      | 13     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.HORIZONT                               | 0          | 4254233  | 0        | 0        | 0         | 8640      | 3945   | 6      | 0        | 9     | 45    | 58    | 5160960   | 8847360    | 180   |
| SYSH.HSM.MCDS.D.DATA                           | 31074      | 3750     | 34801    | 1302117  | 9627916   | 134688    | 292    | 54     | 4278308  | 0     | 44    | 24    | 41287680  | 169574400  | 60    |
| SYSH.HSM.MCDS.INDEX                            | 56         | 0        | 0        | 2741     | 0         | 350       | 54     | 0      | 10048817 | 0     | 44    | 25    | 116736    | 473088     | 20    |
| SYSH.TXGC.ADDATA                               | 195        | 99       | 293      | 0        | 0         | 0         | 0      | 0      | 92133205 | 0     | 25    | 50    | 737280    | 1474560    | 180   |
| SYSH.TXGC.NCPDATA                              | 2584       | 0        | 2583     | 0        | 0         | 0         | 0      | 3      | 281      | 0     | 19    | 50    | 2883584   | 5767168    | 20    |
| SYSH.TWSAUDIT.V7R4M0.D.DATA.VSAM.JTWK.D.DATA   | 31953      | 0        | 859      | 0        | 0         | 0         | 0      | 1      | 56141    | 0     | 85    | 21    | 30965760  | 146718720  | 180   |
| SYSH.TWSAUDIT.V7R4M0.D.DATA.VSAM.JTWK.INDEX    | 43         | 0        | 0        | 184      | 0         | 990       | 11     | 0      | 28334    | 0     | 85    | 21    | 264192    | 1277952    | 10    |
| SYSH.IWSAUDIT.V7R5M0.D.DATA.VSAM.JTWKI1.D.DATA | 30889      | 0        | 1537     | 171      | 11591     | 4482      | 18     | 0      | 3731     | 5     | 16    | 50    | 4147200   | 8294400    | 40    |
| SYSH.TWSAUDIT.V7R3M0.D.DATA.VSAM.JTWKI1.D.DATA | 28537      | 6        | 11346    | 136      | 97123     | 3618      | 143    | 7      | 27880    | 5     | 16    | 100   | 8294400   | 8294400    | 40    |
| SYSH.TWSAUDIT.V7R3M0.D.DATA.VSAM.JTWK.D.DATA   | 31094      | 9        | 12709    | 200      | 20034488  | 119776    | 992    | 28     | 99925    | 0     | 85    | 24    | 34652160  | 146718720  | 180   |
| SYSH.TWSAUDIT.V7R3M0.D.DATA.VSAM.JTWK.INDEX    | 48         | 0        | 0        | 582      | 30        | 960       | 28     | 0      | 68582    | 0     | 85    | 23    | 294912    | 1277952    | 10    |

Scroll to the right

Connected as: P392F, file: XX40T#25 Lines: 27



# SPACE – VSAM Results

XINFO PC Client - Sp

File Home Table Netplan Barchart Chart Script View

Space - VSAM Info

Workspace Tree

Filename

CI-Splits

CA-Splits

| Datasetname                                | Exist-Recs | Del-Recs | Ins-Recs | Upd-Recs | Retr-Recs | Freespace | CI-Spl | CA-Spl | EXCP     | Key-O | Key-L | %Use  | High-Used | High-Alloc | CI/CA |
|--------------------------------------------|------------|----------|----------|----------|-----------|-----------|--------|--------|----------|-------|-------|-------|-----------|------------|-------|
| <all>                                      | <all>      | <all>    | <all>    | <all>    | <all>     | <all>     | <all>  | <all>  | <all>    | <all> | <all> | <all> | <all>     | <all>      | <all> |
| USERCAT.Z21H.PRODS                         | 0          | 289      | 0        | 0        | 0         | 7200      | 68     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| CATALOG.Z21H.MASTER                        | 0          | 2123     | 0        | 0        | 0         | 7200      | 95     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.IMSUTIL                       | 0          | 0        | 0        | 0        | 0         | 7200      | 12     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| DFH420.CICS.DFHCS.D.DATA                   | 3258       | 2862     | 5872     | 6        | 555781    | 756       | 46     | 1      | 42793    | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH420.CICS.DFHGCD.DATA                    | 1          | 7410     | 7409     | 84       | 7598      | 1376      | 20     | 0      | 1136     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| DFH510.CICS.DFHCS.D.DATA                   | 3220       | 2843     | 5819     | 6        | 22576153  | 756       | 46     | 1      | 634727   | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH510.CICS.DFHGCD.DATA                    | 3684       | 10942    | 14578    | 155      | 11264     | 640       | 36     | 1      | 2165     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| DFH520.CICS.DFHCS.D.DATA                   | 3224       | 2842     | 5820     | 6        | 23719303  | 756       | 46     | 1      | 683232   | 0     | 22    | 100   | 1658880   | 1658880    | 40    |
| DFH520.CICS.DFHGCD.DATA                    | 3689       | 11015    | 14673    | 171      | 11353     | 640       | 36     | 1      | 2223     | 0     | 52    | 100   | 1441792   | 1441792    | 20    |
| CATALOG.Z111.MASTER                        | 0          | 7859     | 0        | 0        | 0         | 7200      | 30     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.DB2VB                         | 0          | 2498802  | 0        | 0        | 0         | 7200      | 5142   | 5      | 0        | 9     | 45    | 60    | 4423680   | 7372800    | 180   |
| USERCAT.Z21H.IMS12                         | 0          | 0        | 0        | 0        | 0         | 7200      | 14     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.Z21H.IMS13                         | 0          | 0        | 0        | 0        | 0         | 7200      | 13     | 0      | 0        | 9     | 45    | 10    | 737280    | 7372800    | 180   |
| USERCAT.HORIZONT                           | 0          | 4254233  | 0        | 0        | 0         | 8640      | 3945   | 6      | 0        | 9     | 45    | 58    | 5160960   | 8847360    | 180   |
| SYSH.HSM.MCDS.DATA                         | 31074      | 3750     | 34801    | 1302117  | 9627916   | 134688    | 292    | 54     | 4278308  | 0     | 44    | 24    | 41287680  | 169574400  | 60    |
| SYSH.HSM.MCDS.INDEX                        | 56         | 0        | 0        | 2741     | 0         | 350       | 54     | 0      | 10048817 | 0     | 44    | 25    | 116736    | 473088     | 20    |
| SYSH.TXGC.ADDATA                           | 195        | 99       | 293      | 96596    | 133787613 | 1104      | 23     | 0      | 92133205 | 0     | 25    | 50    | 737280    | 1474560    | 180   |
| SYSH.TXGC.NCPDATA                          | 2584       | 0        | 2583     | 51       | 5072      | 4288      | 26     | 3      | 281      | 0     | 19    | 50    | 2883584   | 5767168    | 20    |
| SYSH.TWSAUDIT.V7R4M0.DATA.VSAM.JTWK.DATA   | 31953      | 0        | 859      | 416      | 6664108   | 121012    | 105    | 11     | 56141    | 0     | 85    | 21    | 30965760  | 146718720  | 180   |
| SYSH.TWSAUDIT.V7R4M0.DATA.VSAM.JTWK.INDEX  | 43         | 0        | 0        | 184      | 0         | 990       | 11     | 0      | 28334    | 0     | 85    | 21    | 264192    | 1277952    | 40    |
| SYSH.IWSAUDIT.V7R5M0.DATA.VSAM.JTWKI1.DATA | 30889      | 0        | 1537     | 171      | 11591     | 4482      | 18     | 0      | 3731     | 5     | 16    | 50    | 4147200   | 8294400    | 40    |
| SYSH.TWSAUDIT.V7R3M0.DATA.VSAM.JTWKI1.DATA | 28537      | 6        | 11346    | 1366     | 97123     | 3618      | 143    | 7      | 27880    | 5     | 16    | 100   | 8294400   | 8294400    | 40    |
| SYSH.TWSAUDIT.V7R3M0.DATA.VSAM.JTWK.DATA   | 31094      | 9        | 12709    | 2424     | 20034488  | 119776    | 992    | 28     | 99925    | 0     | 85    | 24    | 34652160  | 146718720  | 180   |
| SYSH.TWSAUDIT.V7R3M0.DATA.VSAM.JTWK.INDEX  | 48         | 0        | 0        | 2682     | 30        | 960       | 28     | 0      | 68582    | 0     | 85    | 23    | 294912    | 1277952    | 40    |

Connected as: P392F, file: XX40T#25

Lines: 27

# SPACE – HSM Selection

The screenshot shows the XINFO PC Client interface. The 'Workspace Tree' on the left lists various data categories under 'Space'. The 'HSM Backup Info' item is highlighted with a yellow border. A callout bubble points to this item with the text: "... select option 3 for HSM Backup Info". Another callout bubble in the top right corner of the window contains the text: "To get information about Backups ...". The software title bar reads "XINFO PC Client". The status bar at the bottom indicates "Connected as: P392F, file: XX40T#25".

To get information about Backups ...

... select option 3 for HSM Backup Info

# SPACE – HSM Backup Selection

Space - HSM Backup Info

|                 |    |            |            |
|-----------------|----|------------|------------|
| Datasetname     | =  |            |            |
| GDG-Generation  | =  |            |            |
| Cataloged (Y/N) | =  |            |            |
| Backup Device   | =  |            |            |
| DSORG           | =  |            |            |
| Size (KB)       | =  |            |            |
| Backup Date     | <= | 01.01.2016 | DD.MM.YYYY |
| Backup Time     | =  |            | HH:MM:SS   |
| DATACLAS        | =  |            |            |
| STORCLAS        | =  |            |            |
| MGMTCLAS        | =  |            |            |

RECFM =

VSAM-Type =

BLKSIZE =

Alloc (KB) =

Used (KB) =

Recover req. (KB) =

First Volser =

GDG-Limit =

GDG-Scratch =

GDG-Empty =

System-ID =

OK Actions Cancel

You like to know which Backups are older than 1.1.2015 ...

# SPACE – HSM Backup Results

The screenshot shows the XINFO PC Client interface with a table of HSM backup information. The table has columns for Datasetname, GDGGen, C, Bkp-Date, Bkp-Time, BDev, DSO, Size, DATACLAS, STORCLAS, MGMTCLAS, RECF, Type, BLKSZ, Alloc, Used, Recover, 1stVol, and Limit. A red box highlights the Bkp-Date and Bkp-Time columns, with a callout pointing to them. Other callouts point to the Datasetname, C, and DSO columns.

| Datasetname                       | GDGGen | C     | Bkp-Date   | Bkp-Time | BDev  | DSO   | Size  | DATACLAS | STORCLAS | MGMTCLAS | RECF  | Type  | BLKSZ | Alloc | Used  | Recover | 1stVol | Limit |
|-----------------------------------|--------|-------|------------|----------|-------|-------|-------|----------|----------|----------|-------|-------|-------|-------|-------|---------|--------|-------|
| <all>                             | <all>  | <all> | <all>      | <all>    | <...> | <...> | <...> | <all>    | <all>    | <all>    | <...> | <...> | <all> | <...> | <...> | <all>   | <all>  | <all> |
| P390A.OPUSR.V210.CLIST            |        | Y     | 27.06.2012 | 00:30:06 | DASD  | PO    | 26    |          | MANAGED  | MCDEV    | FB    |       | 27920 | 110   | 24    | 24      | DEVD00 |       |
| P390A.OPUSR.V210.CLIST            |        | Y     | 28.06.2012 | 00:30:07 | DASD  | PO    | 26    |          | MANAGED  | MCDEV    | FB    |       | 27920 | 110   | 24    | 24      | DEVD00 |       |
| P390A.OPUSR.V210.XINFO.V3R5.PARM  |        | Y     | 28.06.2012 | 00:30:08 | DASD  | PO    | 20    |          | MANAGED  | MCDEV    | FB    |       | 27920 | 110   | 19    | 19      | DEVD00 |       |
| P390M.XINFO.V3R5.DEFCMD           |        | Y     | 21.09.2010 | 09:40:16 | DASD  | PS    | 2964  |          | MANAGED  | MCNORMAL | VB    |       | 27998 | 4537  | 4441  | 4441    | MAIN00 |       |
| SYSH.XINFO.V3R5.DEFCMD            |        | Y     | 21.09.2010 | 09:24:28 | DASD  | PS    | 2964  |          | MANAGED  | MCNORMAL | VB    |       | 27998 | 4537  | 4441  | 4441    | MAIN00 |       |
| SYSH.XINFO.V3R5.DEFGLB            |        | Y     | 21.09.2010 | 09:24:34 | DASD  | PS    | 854   |          | MANAGED  | MCNORMAL | VB    |       | 27998 | 1660  | 1636  | 1636    | MAIN00 |       |
| SYSH.XINFO.V3R5.DEFTAB            |        | Y     | 21.09.2010 | 09:24:35 | DASD  | PS    | 318   |          | MANAGED  | MCNORMAL | VB    |       | 27998 | 608   | 586   | 586     | MAIN00 |       |
| SYSH.XINFO.V3R5.INST.ISPTABL      |        | Y     | 21.09.2010 | 09:24:54 | DASD  | PO    | 94    |          | MANAGED  | MCNORMAL | FB    |       | 27920 | 1770  | 143   | 143     | MAIN00 |       |
| P390A.OPUSR.V210.XINFO.V3R5.CLIST |        | Y     | 07.12.2015 | 00:30:02 | DASD  | PO    | 378   |          | MANAGED  | MCDEV    | FB    |       | 27920 | 553   | 376   | 376     | DEVD00 |       |
| P390A.OPUSR.V210.PARM             |        | Y     | 27.06.2012 | 00:30:07 | DASD  | PO    | 106   |          | MANAGED  | MCDEV    | FB    |       | 32720 | 3320  | 373   | 373     | DEVD00 |       |
| P390A.OPUSR.V210.PARM             |        | Y     | 28.06.2012 | 00:30:07 | DASD  | PO    | 106   |          | MANAGED  | MCDEV    | FB    |       | 32720 | 3320  | 373   | 373     | DEVD00 |       |
| P390A.OPUSR.V210.XINFO.V3R5.PARM  |        | Y     | 07.12.2015 | 00:30:02 | DASD  | PO    | 20    |          | MANAGED  | MCDEV    | FB    |       | 27920 | 110   | 19    | 19      | DEVD00 |       |

# SPACE – HSM Backup Results

```
Sitzung A
----- Space - HSM Backup Info ----- ROW 001 TO 012 OF 012
Command ==> _ SCROLL ==> PAGE

Top : Legend SAVE SORT Find STAT LIPS PATCH Arrange Exit
ALL FTY CHOU EditSQL Group REfresh
Bottom: ? L Filename Commands Browse DSN C Listcat CD C DSN
RD DSN/VToc MI HSM/Mig VS VSAM DA DSN-
SO DSN- HL Browse HSM List PD O/DSN PS PO/Stats ...

Datasetname          GDGGen C Bkp-Date   Bkp-Time  BDev DS0 Size
---
P390A.OPUSR.V210.CLIST Y 27.06.2012 00:30:06  DASD PO  26
P390A.OPUSR.V210.CLIST Y 28.06.2012 00:30:07  DASD PO  26
P390A.OPUSR.V210.XINFO.V3R5.PARM Y 28.06.2012 00:30:08  DASD PO  20
P390M.XINFO.V3R5.DEFCMD Y 21.09.2010 09:40:16  DASD PS 2964
SYSH.XINFO.V3R5.DEFCMD Y 21.09.2010 09:24:28  DASD PS 2964
SYSH.XINFO.V3R5.DEFGLB Y 21.09.2010 09:24:34  DASD PS  854
SYSH.XINFO.V3R5.DEFTAB Y 21.09.2010 09:24:35  DASD PS  318
SYSH.XINFO.V3R5.INST.ISPTABL Y 21.09.2010 09:24:54  DASD PO  94
P390A.OPUSR.V210.XINFO.V3R5.CLIST Y 07.12.2015 00:30:02  DASD PO  378
P390A.OPUSR.V210.PARM Y 27.06.2012 00:30:07  DASD POE 106
P390A.OPUSR.V210.PARM Y 28.06.2012 00:30:07  DASD POE 106
P390A.OPUSR.V210.XINFO.V3R5.PARM Y 07.12.2015 00:30:02  DASD PO  20
***** BOTTOM OF DATA *****
```

Filename

Cataloged

DSORG

Backup-Date + Time

Backup-Date + Time

# SPACE – HSM Migrated Selection

The screenshot shows the XINFO PC Client application window. The title bar reads "XINFO PC Client". The menu bar includes "File", "Home", "Table", "Netplan", "Barchart", "Chart", "Script", and "View". The ribbon contains several groups of icons: "Edit" (Copy, Select All, Toggle Selection), "Table Layout" (Customize, Use Default, Use Custom), "Table Functions" (Group, Statistics, All), "Tools" (Show SQL, Inverse Filter), and "Chart" (New, Library, Explorer). A dark blue callout box in the top right corner contains the text "To get information about migrated files ...". On the left, the "Workspace Tree" pane is open, showing a hierarchical view of folders: "IMS", "SMF", "Space", and "PO". Under the "Space" folder, several sub-items are listed, including "Dataset Info (VTOC)", "VSAM Info", "HSM Backup Info", "HSM Migrated Info" (which is highlighted with a yellow border), "Volume Info", "CA1 Informations", "RMM DSN Information", "RMM Volume Information", "CA-Disk Migrated", "CA-Disk Backup", "DSN Occurrences", "SMS Mgmt. Class", "SMS Data Class", "SMS Storage Class", and "SMS Storage Group". A dark blue callout box with a pointer to the "HSM Migrated Info" item contains the text "... select option 4 for HSM Migrated Info". The status bar at the bottom left shows "Connected as: P392F, file: XX40T#25".

# SPACE – HSM Migrated Selection

Space - HSM Migrated Info

|                   |   |      |            |
|-------------------|---|------|------------|
| Datasetname       | = |      |            |
| GDG-Generation    | = |      |            |
| Migrat Level      | = |      |            |
| Changed since Bkp | = |      |            |
| Migrat Device     | = | DASD |            |
| DSORG             | = |      |            |
| Size (KB)         | = |      |            |
| Migrat Date       | = |      | DD.MM.YYYY |
| Migrat            |   |      |            |
| DAT               |   |      |            |
| STO               |   |      |            |
| MGMTCLAS          | = |      |            |
| RECFM             | = |      |            |
| VSAM-Type         | = |      |            |

BLKSIZE =

No. of Migrations =

Alloc (KB) =

Used (KB) =

Recall req. (KB) =

Creation Date = DD.MM.YYYY

Expiration Date = DD.MM.YYYY

Last Backup Date = DD.MM.YYYY

Last Backup Time = HH:MM:SS

Last Used Date = DD.MM.YYYY

GDG-Limit =

GDG-Scratch =

GDG-Empty =

System-ID =

Calculated EXPDT = DD.MM.YYYY

OK Actions Cancel

You like to know which files are on device DASD ...

# SPACE – HSM Migrated Results

PC Client - Space - HSM Migrated Info

File

Workspace Tree

Migration level

Filename

Device

| Datasetname                       | GDGGen | MLv   | Chg   | Mig-Date   | Mig-Time | MDev   | DSO   | Size  | DATACLAS | STORCLAS | MGMTCLAS | RECF  | Type  | BLKSZ | NM    | Alloc |
|-----------------------------------|--------|-------|-------|------------|----------|--------|-------|-------|----------|----------|----------|-------|-------|-------|-------|-------|
| <all>                             | <all>  | <...> | <...> | <all>      | <all>    | <a...> | <...> | <...> | <all>    | <all>    | <all>    | <...> | <...> | <all> | <...> | <...> |
| SYSH.XINFO.V3R6.DATA.XXRTC13.TS52 |        | ML1   | Y     | 22.04.2017 | 01:29:12 | DASD   | PS    | 668   |          | MANAGED  | MCNORMAL | FB    |       | 27591 | 1     | 2     |
| SYSH.XINFO.V3R6.DATA.XXRTC14      |        | ML1   | Y     | 21.06.2017 | 01:32:12 | DASD   | PS    | 20    |          | MANAGED  | MCNORMAL | FB    |       | 27720 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTC15.TS52 |        | ML1   | Y     | 29.04.2017 | 01:30:40 | DASD   | PS    | 18    |          | MANAGED  | MCNORMAL | FB    |       | 27885 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTC16.TS52 |        | ML1   | Y     | 29.04.2017 | 01:30:40 | DASD   | PS    | 10    |          | MANAGED  | MCNORMAL | FB    |       | 27968 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTC17.TS51 |        | ML1   | Y     | 29.04.2017 | 01:30:46 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27918 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTC18      |        | ML1   | Y     | 29.04.2017 | 01:30:40 | DASD   | PS    | 10    |          | MANAGED  | MCNORMAL | FB    |       | 27840 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCMD.J003 |        | ML1   | Y     | 29.04.2017 | 01:30:41 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27846 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCMD.J001 |        | ML1   | Y     | 22.04.2017 | 01:27:47 | DASD   | PS    | 726   |          | MANAGED  | MCNORMAL | FB    |       | 27885 | 1     | 2     |
| SYSH.XINFO.V3R6.DATA.XXRTCXB      |        | ML1   | Y     | 29.04.2017 | 01:30:15 | DASD   | PS    | 26    |          | MANAGED  | MCNORMAL | FB    |       | 27790 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCXD.MF1  |        | ML1   | Y     | 29.04.2017 | 01:30:17 | DASD   | PS    | 16    |          | MANAGED  | MCNORMAL | FB    |       | 27860 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCXD.MF2  |        | ML1   | Y     | 29.04.2017 | 01:30:47 | DASD   | PS    | 4     |          | MANAGED  | MCNORMAL | FB    |       | 27860 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCXJ.J003 |        | ML1   | Y     | 29.04.2017 | 01:30:46 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27768 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX.P.MF1 |        | ML1   | Y     | 29.04.2017 | 01:30:30 | DASD   | PS    | 4     |          | MANAGED  | MCNORMAL | FB    |       | 27768 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX.R.DS1 |        | ML1   | Y     | 29.04.2017 | 01:30:39 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27755 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX.S.MF2 |        | ML1   | Y     | 29.04.2017 | 01:30:45 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27798 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX.T     |        | ML1   | Y     | 29.04.2017 | 01:30:45 | DASD   | PS    | 6     |          | MANAGED  | MCNORMAL | FB    |       | 27959 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX.V.MF1 |        | ML1   | Y     | 29.04.2017 | 01:30:47 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27436 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX1      |        | ML1   | Y     | 29.04.2017 | 01:30:30 | DASD   | PS    | 26    |          | MANAGED  | MCNORMAL | FB    |       | 27848 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX2I.DS1 |        | ML1   | Y     | 29.04.2017 | 01:30:42 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27880 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX2I.MF2 |        | ML1   | Y     | 29.04.2017 | 01:30:44 | DASD   | PS    | 10    |          | MANAGED  | MCNORMAL | FB    |       | 27880 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTCX3      |        | ML1   | Y     | 22.04.2017 | 01:27:42 | DASD   | PS    | 1394  |          | MANAGED  | MCNORMAL | FB    |       | 27511 | 1     | 9     |
| SYSH.XINFO.V3R6.DATA.XXRTCX5.MF2  |        | ML1   | Y     | 29.04.2017 | 01:30:44 | DASD   | PS    | 4     |          | MANAGED  | MCNORMAL | FB    |       | 27510 | 1     |       |
| SYSH.XINFO.V3R6.DATA.XXRTDDF.J002 |        | ML1   | Y     | 22.04.2017 | 01:29:07 | DASD   | PS    | 180   |          | MANAGED  | MCNORMAL | FB    |       | 27637 | 1     | 2     |
| SYSH.XINFO.V3R6.DATA.XXRTDDH.J002 |        | ML1   | Y     | 29.04.2017 | 01:30:38 | DASD   | PS    | 2     |          | MANAGED  | MCNORMAL | FB    |       | 27798 | 1     |       |

Connected as: P392F, file: XX40T#25

Date + time

Lines: 1888



# SPACE – HSM Migrated Results

----- Space - HSM Migrated Info ----- ROW 001 TO 014 OF 999  
Command ==> \_ SCROLL ==> PAGE

Top : Legend SAVE SORT Find STAT LI ... Exit  
Bottom : SHOW EditSQL Info Tab ... sh

Filename Migration level Date + time Device

| Datasetname          | GDGGen | MLv | Chg | Mig-Date   | Mig-Time | MDev | DSO | Size | DATA |
|----------------------|--------|-----|-----|------------|----------|------|-----|------|------|
| BRIAN.AD.DEC4.LIST   |        | ML1 | Y   | 05.08.2015 | 01:23:59 | DASD | PS  | 9956 |      |
| BRIAN.ADSIZE.XMI     |        | ML1 | Y   | 07.10.2017 | 01:32:16 | DASD | PS  | 18   |      |
| BRIAN.ADVVIEW.PDS    |        | ML1 | Y   | 04.04.2018 | 01:38:40 | DASD | P0  | 16   |      |
| BRIAN.ADVVIEW.XMI    |        | ML1 | Y   | 29.04.2017 | 01:30:29 | DASD | PS  | 18   |      |
| BRIAN.ALLCHK.XMI     |        | ML1 | Y   | 11.10.2017 | 01:31:36 | DASD | PS  | 8    |      |
| BRIAN.ALT0158V.INPU> |        | ML1 | Y   | 01.10.2014 | 01:05:58 | DASD | P0  | 138  |      |
| BRIAN.ALT0158V.JCL   |        | ML1 | Y   | 26.09.2014 | 01:06:49 | DASD | PS  | 2    |      |
| BRIAN.ALT0158V.OUTP> |        | ML1 | Y   | 26.09.2014 | 01:06:45 | DASD | POE | 240  |      |
| BRIAN.ASM.XDC        |        | ML1 | Y   | 05.10.2017 | 01:33:23 | DASD | PS  | 22   |      |
| BRIAN.AUDIT          |        | ML1 | Y   | 17.01.2016 | 01:32:14 | DASD | PS  | 4    |      |
| BRIAN.AUDIT1         |        | ML1 | Y   | 17.01.2016 | 01:32:14 | DASD | PS  | 6    |      |
| BRIAN.BCBSEXIT.XMI   |        | ML1 | Y   | 05.10.2017 | 01:33:16 | DASD | PS  | 20   |      |
| BRIAN.BCBSEXIT.XMIT  |        | ML1 | Y   | 29.04.2017 | 01:30:15 | DASD | PS  | 20   |      |
| BRIAN.BFGSQLT        |        | ML1 | Y   | 07.10.2017 | 01:32:17 | DASD | PS  | 2    |      |

MA A

# SPACE – Volumes Selection

The screenshot displays the XINFO PC Client interface. The top menu bar includes File, Home, Table, Netplan, Barchart, Chart, Script, and View. The 'Table' menu is active, showing options like Copy, Select All, Toggle Selection, Customize, Use Default, Use Custom, Group, Statistics, All, Show SQL, Inverse Filter, New, Library, and Explorer. The 'Workspace Tree' on the left lists various data sources, with 'Volume Info' highlighted. A callout box points to 'Volume Info' with the text '... select option 5 for Volume Info'. Another callout box in the top right corner says 'To get information about Volumes ...'. The status bar at the bottom indicates 'Connected as: P392F, file: XX40T#25'.

To get information about Volumes ...

... select option 5 for Volume Info

# SPACE – Volumes Selection

Space - Volume Info

|                   |   |    |                  |
|-------------------|---|----|------------------|
| VOLSER            | = |    |                  |
| Mount             | = |    |                  |
| SMS (Y/N/C)       | = |    |                  |
| Percent Freespace | < | 20 |                  |
| Freespace (KB)    | = |    |                  |
| Alloc (KB)        | = |    |                  |
| Capacity (KB)     | = |    |                  |
| Device Type       | = |    |                  |
| Device Nu         |   |    |                  |
| Storage Gr        |   |    |                  |
| Fragmenta         |   |    |                  |
| Largest Extent    | = |    |                  |
| Free Extents      | = |    |                  |
| Free DSCBS        | = |    |                  |
| Free Virs         | = |    |                  |
| Freespace (MB)    | = |    |                  |
| Alloc (MB)        | = |    |                  |
| Capacity (MB)     | = |    |                  |
| Timestamp         | = |    | DD.MM.YYYY,HH:MM |
| System-ID         | = |    |                  |

OK Actions Cancel

You like to know which Volumes have less than 20% free space ...

# SPACE – Volumes Results

XINFO PC Client - Space - Volume Info

Vol.Ser.      Freespace      Allocated

| VOLSER | Int     | SMS | Timestamp        | FS | Free-MB | Alloc-MB | Cap-MB | DevT | DevN | Stogroup | Fragm | L.Ext   | F.Ext | DSCBS | Vir | Free-KB | Alloc-KB | Cap-KB  | Syst |
|--------|---------|-----|------------------|----|---------|----------|--------|------|------|----------|-------|---------|-------|-------|-----|---------|----------|---------|------|
| H1RES1 | PRIVATE | N   | 30.08.2017,01:17 | 7  | 192     | 2513     | 2706   | 3390 | 0A80 |          | 2     | 196941  | 2     | 1059  | 301 | 197439  | 2574061  | 2771500 | SOW1 |
| H1RES2 | PRIVATE | N   | 30.08.2017,01:17 | 1  | 13      | 2692     | 2706   | 3390 | 0A81 |          | 116   | 11621   | 3     | 1408  | 308 | 14166   | 2757334  | 2771500 | SOW1 |
| H1SYS1 | STORAGE | N   | 30.08.2017,01:17 | 5  | 146     | 2560     | 2706   | 3390 | 0A82 |          | 244   | 48972   | 20    | 1335  | 304 | 150016  | 2621484  | 2771500 | SOW1 |
| H1RES3 | PRIVATE | N   | 30.08.2017,01:17 | 5  | 125     | 2581     | 2706   | 3390 | 0A83 |          | 2     | 127826  | 2     | 1441  | 308 | 128269  | 2643231  | 2771500 | SOW1 |
| H1PAGA | PRIVATE | N   | 30.08.2017,01:17 | 0  | 0       | 2706     | 2706   | 3390 | 0A87 |          | 0     | 0       | 0     | 1443  | 308 | 0       | 2771500  | 2771500 | SOW1 |
| H1PAGB | PRIVATE | N   | 30.08.2017,01:17 | 0  | 0       | 2706     | 2706   | 3390 | 0A88 |          | 0     | 0       | 0     | 1445  | 308 | 0       | 2771500  | 2771500 | SOW1 |
| H1PRD1 | PRIVATE | N   | 30.08.2017,01:17 | 10 | 275     | 2430     | 2706   | 3390 | 0A89 |          | 1     | 281992  | 2     | 825   | 293 | 282213  | 2489287  | 2771500 | SOW1 |
| H1PRD4 | PRIVATE | N   | 30.08.2017,01:17 | 7  | 180     | 2526     | 2706   | 3390 | 0A8C |          | 10    | 182830  | 5     | 1352  | 307 | 184822  | 2586678  | 2771500 | SOW1 |
| H1PRD5 | PRIVATE | N   | 30.08.2017,01:17 | 15 | 398     | 2308     | 2706   | 3390 | 0A8D |          | 0     | 407549  | 4     | 1302  | 306 | 407715  | 2363785  | 2771500 | SOW1 |
| H1PRD6 | PRIVATE | N   | 30.08.2017,01:17 | 5  | 139     | 2567     | 2706   | 3390 | 0A8E |          | 0     | 142822  | 1     | 1298  | 306 | 142822  | 2628678  | 2771500 | SOW1 |
| H1PRD7 | PRIVATE | N   | 30.08.2017,01:17 | 5  | 135     | 2571     | 2706   | 3390 | 0A8F |          | 0     | 138617  | 1     | 1412  | 308 | 138617  | 2632883  | 2771500 | SOW1 |
| H1DIS1 | PRIVATE | N   | 30.08.2017,01:17 | 3  | 82      | 2623     | 2706   | 3390 | 0A90 |          | 07    | 55557   | 4     | 1212  | 304 | 84830   | 2686670  | 2771500 | SOW1 |
| H1DIS2 | PRIVATE | N   | 30.08.2017,01:17 | 5  | 124     | 2581     | 2706   | 3390 | 0A91 |          | 94    | 85549   | 2     | 1368  | 308 | 127881  | 2643619  | 2771500 | SOW1 |
| H1DIS3 | PRIVATE | N   | 30.08.2017,01:17 | 10 | 270     | 2436     | 2706   | 3390 | 0A92 |          | 2     | 276403  | 4     | 1339  | 307 | 276901  | 2494599  | 2771500 | SOW1 |
| H1DIS5 | PRIVATE | N   | 30.08.2017,01:17 | 0  | 10      | 2696     | 2706   | 3390 | 0A94 |          | 0     | 10791   | 1     | 1434  | 308 | 10791   | 2760709  | 2771500 | SOW1 |
| H1IMU2 | PRIVATE | N   | 30.08.2017,01:17 | 4  | 117     | 2800     | 2918   | 3390 | 0A97 |          | 0     | 120356  | 1     | 1441  | 308 | 120356  | 2867784  | 2988140 | SOW1 |
| H1IMU3 | PRIVATE | N   | 30.08.2017,01:17 | 19 | 513     | 2192     | 2706   | 3390 | 0A98 |          | 0     | 526245  | 1     | 1445  | 308 | 526245  | 2245255  | 2771500 | SOW1 |
| H1SYS2 | STORAGE | N   | 30.08.2017,01:17 | 0  | 0       | 2706     | 2706   | 3390 | 0A9C |          | 833   | 221     | 2     | 245   | 14  | 387     | 2771113  | 2771500 | SOW1 |
| H1DBB1 | PRIVATE | N   | 30.08.2017,01:17 | 5  | 140     | 2566     | 2706   | 3390 | 0AA4 |          | 7     | 142767  | 4     | 1182  | 296 | 143818  | 2627682  | 2771500 | SOW1 |
| H1W852 | PRIVATE | N   | 30.08.2017,01:17 | 17 | 1412    | 6693     | 8105   | 3390 | 0AAF |          | 0     | 1445928 | 1     | 1444  | 301 | 1445928 | 6854462  | 8300390 | SOW1 |
| H1W853 | PRIVATE | Y   | 30.08.2017,01:17 | 18 | 1480    | 6624     | 8105   | 3390 | 0AB0 |          | 0     | 1516482 | 1     | 1445  | 301 | 1516481 | 6783909  | 8300390 | SOW1 |
| H1W855 | PRIVATE | N   | 30.08.2017,01:17 | 4  | 108     | 2597     | 2706   | 3390 | 0AB2 |          | 0     | 111225  | 1     | 1444  | 308 | 111225  | 2660275  | 2771500 | SOW1 |
| H1BLZ2 | PRIVATE | N   | 30.08.2017,01:17 | 4  | 192     | 4265     | 4265   | 3390 | 0AB6 |          | 0     | 197550  | 1     | 1445  | 306 | 197549  | 4367665  | 4565214 | SOW1 |
| DB2D00 | PRIVATE | N   | 30.08.2017,01:17 | 11 | 111     | 4265     | 4265   | 3390 | 0ABC | DB2      | 467   | 83336   | 276   | 6891  | 770 | 1193485 | 7121016  | 8314501 | SOW1 |

Device

Freespace in %      Capacity

Connected as: P392F, file: XX40T...      Lines: 24

# SPACE – Volumes Line Commands

XINFO PC Client - Space - Volume Info

File Home Table Netplan Barchart Chart Script View Style

Space - Volume Info

| VOLSER | Mount   | SMS   | Timestamp        | FS    | Free-MB | Alloc-MB | Cap-MB | DevT  | DevN  | Stogroup | Fragm | L.Ext   | F.Ext | DSCBS | VirS  | Free-KB | Alloc-KB | Cap-KB  | Syst  |
|--------|---------|-------|------------------|-------|---------|----------|--------|-------|-------|----------|-------|---------|-------|-------|-------|---------|----------|---------|-------|
| <all>  | <all>   | <all> | <all>            | <all> | <all>   | <all>    | <all>  | <all> | <all> | <all>    | <all> | <all>   | <all> | <all> | <all> | <all>   | <all>    | <all>   | <all> |
| H1RES1 | PRIVATE | N     | 30.08.2017,01:17 | 7     | 192     | 2513     | 2706   | 3390  | 0A80  |          | 2     | 196941  | 2     | 1059  | 301   | 197439  | 2574061  | 2771500 | SOW1  |
| H1RES2 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 13      | 2692     | 2706   | 3390  | 0A81  |          | 116   | 11621   | 3     | 1408  | 308   | 14166   | 2757334  | 2771500 | SOW1  |
| H1SYS1 | STORAGE | N     | 30.08.2017,01:17 | 5     | 146     | 2560     | 2706   | 3390  | 0A82  |          | 244   | 48972   | 20    | 1335  | 304   | 150016  | 2621484  | 2771500 | SOW1  |
| H1RES3 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 125     | 2581     | 2706   | 3390  | 0A83  |          | 2     | 127826  | 2     | 1441  | 308   | 128269  | 2643231  | 2771500 | SOW1  |
| H1PAGA |         |       |                  |       |         |          |        |       |       |          | 0     | 0       | 0     | 1443  | 308   | 0       | 2771500  | 2771500 | SOW1  |
| H1PAGB |         |       |                  |       |         |          |        |       |       |          | 0     | 0       | 0     | 1445  | 308   | 0       | 2771500  | 2771500 | SOW1  |
| H1PRD1 |         |       |                  |       |         |          |        |       |       |          | 1     | 281992  | 2     | 825   | 293   | 282213  | 2489287  | 2771500 | SOW1  |
| H1PRD4 |         |       |                  |       |         |          |        |       |       |          | 10    | 182830  | 5     | 1352  | 307   | 184822  | 2586678  | 2771500 | SOW1  |
| H1PRD5 |         |       |                  |       |         |          |        |       |       |          | 0     | 407549  | 4     | 1302  | 306   | 407715  | 2363785  | 2771500 | SOW1  |
| H1PRD6 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 139     | 2567     | 2706   | 3390  | 0A8E  |          | 0     | 142822  | 1     | 1298  | 306   | 142822  | 2628678  | 2771500 | SOW1  |
| H1PRD7 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 135     | 2571     | 2706   | 3390  | 0A8F  |          | 0     | 138617  | 1     | 1412  | 308   | 138617  | 2632883  | 2771500 | SOW1  |
| H1DIS1 | PRIVATE | N     | 30.08.2017,01:17 | 3     | 82      | 2623     | 2706   | 3390  | 0A90  |          | 107   | 55557   | 4     | 1212  | 304   | 84830   | 2686670  | 2771500 | SOW1  |
| H1DIS2 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 124     | 2581     | 2706   | 3390  | 0A91  |          | 94    | 85549   | 2     | 1368  | 308   | 127881  | 2643619  | 2771500 | SOW1  |
| H1DIS3 | PRIVATE | N     | 30.08.2017,01:17 | 10    | 270     | 2436     | 2706   | 3390  | 0A92  |          | 2     | 276403  | 4     | 1339  | 307   | 276901  | 2494599  | 2771500 | SOW1  |
| H1DIS5 | PRIVATE | N     | 30.08.2017,01:17 | 0     | 10      | 2696     | 2706   | 3390  | 0A94  |          | 0     | 10791   | 1     | 1434  | 308   | 10791   | 2760709  | 2771500 | SOW1  |
| H1IMU2 | PRIVATE | N     | 30.08.2017,01:17 | 4     | 117     | 2800     | 2918   | 3390  | 0A97  |          | 0     | 120356  | 1     | 1441  | 308   | 120356  | 2867784  | 2988140 | SOW1  |
| H1IMU3 | PRIVATE | N     | 30.08.2017,01:17 | 19    | 513     | 2192     | 2706   | 3390  | 0A98  |          | 0     | 526245  | 1     | 1445  | 308   | 526245  | 2245255  | 2771500 | SOW1  |
| H1SYS2 | STORAGE | N     | 30.08.2017,01:17 | 0     | 0       | 2706     | 2706   | 3390  | 0A9C  |          | 833   | 221     | 2     | 245   | 14    | 387     | 2771113  | 2771500 | SOW1  |
| H1DBB1 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 140     | 2566     | 2706   | 3390  | 0AA4  |          | 7     | 142767  | 4     | 1182  | 296   | 143818  | 2627682  | 2771500 | SOW1  |
| H1W852 | PRIVATE | N     | 30.08.2017,01:17 | 17    | 1412    | 6693     | 8105   | 3390  | 0AAF  |          | 0     | 1445928 | 1     | 1444  | 301   | 1445928 | 6854462  | 8300390 | SOW1  |
| H1W853 | PRIVATE | Y     | 30.08.2017,01:17 | 18    | 1480    | 6624     | 8105   | 3390  | 0AB0  |          | 0     | 1516482 | 1     | 1445  | 301   | 1516481 | 6783909  | 8300390 | SOW1  |
| H1W855 | PRIVATE | N     | 30.08.2017,01:17 | 4     | 108     | 2597     | 2706   | 3390  | 0AB2  |          | 0     | 111225  | 1     | 1444  | 308   | 111225  | 2660275  | 2771500 | SOW1  |
| H1BLZ2 | PRIVATE | N     | 30.08.2017,01:17 | 4     | 192     | 4265     | 4458   | 3390  | 0AB6  |          | 0     | 197550  | 1     | 1445  | 306   | 197549  | 4367665  | 4565214 | SOW1  |
| DB2D00 | PRIVATE | Y     | 30.08.2017,01:17 | 14    | 1165    | 6954     | 8119   | 3390  | 0ABC  | DB2      | 467   | 83336   | 276   | 6891  | 770   | 1193485 | 7121016  | 8314501 | SOW1  |

Connected as: P392F, file: XX40T#25

Lines: 24

An example how to use line commands:  
Which files are on that Volume

# SPACE – Volumes Line Commands

XINFO PC Client - Space - Volume Info

File Home Table Netplan Barchart Chart Script View Style

Space - Volume Info

| VOLSER | Mount   | SMS   | Timestamp        | FS    | Free-MB | Alloc-MB | Cap-MB | DevT  | DevN  | Stogroup | Fragm | L.Ext   | F.Ext | DSCBS | VirS  | Free-KB | Alloc-KB | Cap-KB  | Syst  |
|--------|---------|-------|------------------|-------|---------|----------|--------|-------|-------|----------|-------|---------|-------|-------|-------|---------|----------|---------|-------|
| <all>  | <all>   | <all> | <all>            | <all> | <all>   | <all>    | <all>  | <all> | <all> | <all>    | <all> | <all>   | <all> | <all> | <all> | <all>   | <all>    | <all>   | <all> |
| H1RES1 | PRIVATE | N     | 30.08.2017,01:17 | 7     | 192     | 2513     | 2706   | 3390  | 0A80  |          | 2     | 196941  | 2     | 1059  | 301   | 197439  | 2574061  | 2771500 | SOW1  |
| H1RES2 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 13      | 2692     | 2706   | 3390  | 0A81  |          | 116   | 11621   | 3     | 1408  | 308   | 14166   | 2757334  | 2771500 | SOW1  |
| H1SYS1 | STORAGE | N     | 30.08.2017,01:17 | 5     | 146     | 2560     | 2706   | 3390  | 0A82  |          | 244   | 48972   | 20    | 1335  | 304   | 150016  | 2621484  | 2771500 | SOW1  |
| H1RES3 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 125     | 2581     | 2706   | 3390  | 0A83  |          | 2     | 127826  | 2     | 1441  | 308   | 128269  | 2643231  | 2771500 | SOW1  |
| H1PAGA | PRIVATE | N     | 30.08.2017,01:17 | 0     | 0       | 2706     | 2706   | 3390  | 0A87  |          | 0     | 0       | 0     | 1443  | 308   | 0       | 2771500  | 2771500 | SOW1  |
| H1PAGB | PRIVATE | N     | 30.08.2017,01:17 | 0     | 0       | 2706     | 2706   | 3390  | 0A88  |          | 0     | 0       | 0     | 1445  | 308   | 0       | 2771500  | 2771500 | SOW1  |
| H1PRD1 | PRIVATE | N     | 30.08.2017,01:17 | 10    | 275     | 2430     | 2706   | 3390  | 0A89  |          | 1     | 281992  | 2     | 825   | 293   | 282213  | 2489287  | 2771500 | SOW1  |
| H1PRD4 | PRIVATE | N     | 30.08.2017,01:17 | 7     | 15      | 2706     | 2706   | 3390  | 0A8A  |          | 10    | 182830  | 5     | 1352  | 307   | 184822  | 2586678  | 2771500 | SOW1  |
| H1PRD5 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 1       | 2706     | 2706   | 3390  | 0A8B  |          | 0     | 407549  | 4     | 1302  | 306   | 407715  | 2363785  | 2771500 | SOW1  |
| H1PRD6 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 1       | 2706     | 2706   | 3390  | 0A8C  |          | 0     | 142822  | 1     | 1298  | 306   | 142822  | 2628678  | 2771500 | SOW1  |
| H1PRD7 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 1       | 2706     | 2706   | 3390  | 0A8D  |          | 0     | 138617  | 1     | 1412  | 308   | 138617  | 2632883  | 2771500 | SOW1  |
| H1DIS1 | PRIVATE | N     | 30.08.2017,01:17 | 1     | 1       | 2706     | 2706   | 3390  | 0A8E  |          | 07    | 55557   | 4     | 1212  | 304   | 84830   | 2686670  | 2771500 | SOW1  |
| H1DIS2 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 15      | 2706     | 2706   | 3390  | 0A91  |          | 94    | 85549   | 2     | 1368  | 308   | 127881  | 2643619  | 2771500 | SOW1  |
| H1DIS3 | PRIVATE | N     | 30.08.2017,01:17 | 10    | 275     | 2436     | 2706   | 3390  | 0A92  |          | 2     | 276403  | 4     | 1339  | 307   | 276901  | 2494599  | 2771500 | SOW1  |
| H1DIS5 | PRIVATE | N     | 30.08.2017,01:17 | 5     | 15      | 2696     | 2706   | 3390  | 0A94  |          | 0     | 10791   | 1     | 1434  | 308   | 10791   | 2760709  | 2771500 | SOW1  |
| H1IMU2 | JCL     |       | 30.08.2017,01:17 | 4     | 117     | 2800     | 2918   | 3390  | 0A97  |          | 0     | 120356  | 1     | 1441  | 308   | 120356  | 2867784  | 2988140 | SOW1  |
| H1IMU3 | Space   |       |                  | 19    | 513     | 2192     | 2706   | 3390  | 0A98  |          | 0     | 526245  | 1     | 1445  | 308   | 526245  | 2245255  | 2771500 | SOW1  |
| H1SYS2 | STORAGE | N     |                  | 0     | 0       | 2706     | 2706   | 3390  | 0A9C  |          | 833   | 221     | 2     | 245   | 14    | 387     | 2771113  | 2771500 | SOW1  |
| H1DBB1 | PRIVATE | N     |                  | 5     | 140     | 2566     | 2706   | 3390  | 0AA4  |          | 7     | 142767  | 4     | 1182  | 296   | 143818  | 2627682  | 2771500 | SOW1  |
| H1W852 | PRIVATE | N     | 30.08.2017,01:17 | 17    | 1412    | 6693     | 8105   | 3390  | 0AAF  |          | 0     | 1445928 | 1     | 1444  | 301   | 1445928 | 6854462  | 8300390 | SOW1  |
| H1W853 | PRIVATE | Y     | 30.08.2017,01:17 | 18    | 1480    | 6624     | 8105   | 3390  | 0AB0  |          | 0     | 1516482 | 1     | 1445  | 301   | 1516481 | 6783909  | 8300390 | SOW1  |
| H1W855 | PRIVATE | N     | 30.08.2017,01:17 | 4     | 108     | 2597     | 2706   | 3390  | 0AB2  |          | 0     | 111225  | 1     | 1444  | 308   | 111225  | 2660275  | 2771500 | SOW1  |
| H1BLZ2 | PRIVATE | N     | 30.08.2017,01:17 | 4     | 192     | 4265     | 4458   | 3390  | 0AB6  |          | 0     | 197550  | 1     | 1445  | 306   | 197549  | 4367665  | 4565214 | SOW1  |
| DB2D00 | PRIVATE | Y     | 30.08.2017,01:17 | 14    | 1165    | 6954     | 8119   | 3390  | 0ABC  | DB2      | 467   | 83336   | 276   | 6891  | 770   | 1193485 | 7121016  | 8314501 | SOW1  |

Select Space, then Dataset Info ...

Connected as: P392F, file: XX40T#25 Lines: 24

# SPACE – Volumes Line Commands

XINFO PC Client - Space - Dataset Info

File Home Table Netplan Barchart Chart Script View

Space - Volume Info Space - Dataset Info

| Datasetname          | GDGGen | DSO   | RECF  | XT    | VOLSER | BLKSZ | LRECL | Alloc   | Used    | Second | Unusable | CR-Date    | EXPDT      | Last-Used  | Limit | Scr | Empty  | GDG-Mem# | DS |
|----------------------|--------|-------|-------|-------|--------|-------|-------|---------|---------|--------|----------|------------|------------|------------|-------|-----|--------|----------|----|
| <all>                | <all>  | <...> | <...> | <all> | <all>  | <all> | <all> | <all>   | <all>   | <all>  | <all>    | <all>      | <all>      | <all>      | <...> |     | <a...> | <all>    |    |
| SYS1.WDS.VH1DIS5     |        | VS    | ?     | 1     | H1DIS5 | 4096  | 0     | 1660    | 0       | 830    | 0        | 15.09.2014 |            |            |       |     |        |          | H1 |
| MVS.GLOBAL.CSI.DATA  |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 133636  | 0       | 4150   | 0        | 17.06.2004 | 31.12.1999 | 14.11.2015 |       |     |        |          | H1 |
| MVS.GLOBAL.CSI.INDEX |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 1660    | 0       | 1660   | 0        | 17.06.2004 | 31.12.1999 |            |       |     |        |          | H1 |
| MVS.MVST.CSI.DATA    |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 228261  | 0       | 8300   | 0        | 17.06.2004 | 31.12.1999 | 14.11.2015 |       |     |        |          | H1 |
| MVS.MVST.CSI.INDEX   |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 1660    | 0       | 1660   | 0        | 17.06.2004 | 31.12.1999 |            |       |     |        |          | H1 |
| MVS.MVSD.CSI.DATA    |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 228261  | 0       | 8300   | 0        | 17.06.2004 | 31.12.1999 | 14.11.2015 |       |     |        |          | H1 |
| MVS.MVSD.CSI.INDEX   |        | VS    | U     | 1     | H1DIS5 | 4096  | 0     | 1660    | 0       | 1660   | 0        | 17.06.2004 | 31.12.1999 |            |       |     |        |          | H1 |
| SYS1.VTOCIX.H1DIS5   |        | PS    | F     | 1     | H1DIS5 | 2048  | 2048  | 830     | 830     | 0      | 180      | 15.09.2014 |            |            |       |     |        |          | H1 |
| SYS1.AFONTHFS        |        | PO    | VB    | 1     | H1DIS5 | 27998 | 255   | 1495730 | 1495343 | 166008 | 0        | 03.07.2013 |            | 07.10.2014 |       |     |        |          | H1 |
| MVS.GLOBAL.SMPPTS1   |        | LIB   | FB    | 1     | H1DIS5 | 32720 | 80    | 332016  | 299810  | 0      | 0        | 23.09.2014 |            | 14.11.2015 |       |     |        |          | H1 |
| MVS.GLOBAL.SMPPTS2   |        | LIB   | FB    | 1     | H1DIS5 | 32720 | 80    | 332016  | 135628  | 0      | 0        | 23.09.2014 |            | 14.11.2015 |       |     |        |          | H1 |
| MVS.GLOBAL.SMPPTS3   |        | LIB   | FB    | 1     | H1DIS5 | 32720 | 80    | 553     | 55      | 553    | 0        | 23.09.2014 |            | 14.11.2015 |       |     |        |          | H1 |
| MVS.GLOBAL.SMPPTS4   |        | LIB   | FB    | 1     | H1DIS5 | 32720 | 80    | 553     | 55      | 553    | 0        | 23.09.2014 |            | 14.11.2015 |       |     |        |          | H1 |
| MVS.GLOBAL.SMPPTS5   |        | LIB   | FB    | 1     | H1DIS5 | 32720 | 80    | 553     | 55      | 553    | 0        | 23.09.2014 |            | 14.11.2015 |       |     |        |          | H1 |

All files which are on Volume H1DIS5

Connected as: P392F, file: XX40T#25 Lines: 14

Thanks for your attention! Do you have any questions?

The logo for 'HORIZONT' features the word in a bold, sans-serif font. The letter 'O' is highlighted in red, while the other letters are in dark grey. The background is light grey with a large red curved shape on the left and several faint, semi-transparent geometric shapes (squares and circles) scattered around.

**HORIZONT**

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