



STORAGE MANAGEMENT ADVANTAGES OFFERED BY SPACE RECOVERY SYSTEM (SRS) FROM DTS SOFTWARE

Space Recovery System (SRS) from DTS Software eliminates production failures that occur when the available disk storage can't meet application needs. SRS's sophisticated recovery mechanisms identify available space and dynamically match the application requests to free space. With SRS, job failures and reruns due to out-of-space errors are a thing of the past!

SRS allows you to specify recovery at the level you choose. All data sets, some group of data sets, or a single data set can take a particular set of recovery actions. For example, many customers use different RECAT options for production and testing. A global option does not give the flexibility you need in a complex environment, so SRS uses a simple and familiar If-Then-Else rules language that is straightforward and self-documenting. No assembly or link is required for changing. SRS can be controlled simply, in a single rule member (optionally, a modular approach can be used, if desired). There is no need for a complex external ISPF interface to keep track of multiple members for defining your rules.

More than 300 variables are available for describing a group of data sets for which you want like actions taken. You can code nested ifs, do-end groups, procedures, tables, and filter lists. The language allows for pattern matching, subfield EQUATE definition, and abbreviation of variable names.

Command: SRS Recovery Information				
Close Refresh Export Properties Print Preview Filter Create View Stop				
Data	Chart	Log		
SYSID	CURLDATE	CURTIME	JOBNAME	ACTION_TEXT
S0W1	03/23/2022	15:07:50	RAY2S	ACC20210-A REDUCEP FOR DD=SRSTEST DSN=SYS22082.T150750.RA000.RAY2S.SCCIVP1.H01 VOL=DTS002 POOL=IVPPPOOL EXT=0
S0W1	03/23/2022	15:07:50	RAY2S	ACC21110-A PRIMARY SPACE REDUCED FROM 4000 TO 800 CYL
S0W1	03/23/2022	15:07:50	RAY2S	ACC20210-A SETSEC FOR DD=SRSTEST DSN=SYS22082.T150750.RA000.RAY2S.SCCIVP2.H01 VOL=DTS001 POOL=IVPPPOOL EXT=1
S0W1	03/23/2022	15:07:50	RAY2S	ACC20400-A SECONDARY SPACE SET TO 1 TRK (100% OF 1)
S0W1	03/23/2022	15:07:50	RAY2S	ACC20210-A ADDVOL FOR DD=SRSTEST DSN=SYS22082.T150750.RA000.RAY2S.SCCIVP2.H01 VOL=DTS001 POOL=IVPPPOOL EXT=16
S0W1	03/23/2022	15:07:50	RAY2S	ACC20600-A VOLUME DTS002 WAS ADDED TO DATA SET
S0W1	03/23/2022	15:09:12	RAY2S	POOLING RAY2Q.SCCIVP.SETSEC.DATA TO IVPPPOOL
S0W1	03/23/2022	15:09:12	RAY2S	ACC20210-A SETSEC FOR DD=SYS00004 DSN=RAY2Q.SCCIVP.SETSEC.DATA VOL=DTS002 POOL=IVPPPOOL EXT=1
S0W1	03/23/2022	15:09:12	RAY2S	ACC20400-A SECONDARY SPACE SET TO 1 TRK (100% OF 1)
S0W1	03/23/2022	15:09:13	RAY2S	POOLING RAY2Q.SCCIVP.REDUCE TO IVPPPOOL
S0W1	03/23/2022	15:09:14	RAY2S	ACC20210-A REDUCEP FOR DD="NONE" DSN=RAY2Q.SCCIVP.REDUCE.DATA VOL=QADSK1 POOL=IVPPPOOL EXT=0
S0W1	03/23/2022	15:09:14	RAY2S	ACC23100-A PRIMARY SPACE REDUCED FROM 66666 TO 6672 TRK
S0W1	03/23/2022	15:09:14	RAY2S	POOLING RAY2Q.SCCIVP.REDUCE.DATA TO IVPPPOOL

SRS Recovery graphical user interface

SRS allows you to perform complex mathematics between variables and there is no need for mods and exits. Additionally, SRS allows for user-defined messaging, SMF record creation, and operator commands. Messages can be printed to the job, the system log, an online data set, a specific TSO user, the SMF file, or a combination of these, or can be sent to an offline analytics engine such as Splunk.

OTHER KEY CAPABILITIES OF SRS:

- SRS is supported and actively developed and enhanced by the original authors. SRS is sold and supported by some of the most experienced storage management professionals in the business
- Performs recovery for data sets regardless of whether the datasets are VSAM or non-VSAM, SMS managed or not, and whether they are destined for a specific volume or a group of volumes
- Provides a detailed audit report, which can include user-defined information in a summary or detailed report
- Multiple retries of primary and secondary space amount values can be performed, rather than just a single fixed-value retry
- Eliminates the need for 'guaranteed space' and prevents splitting of primary space across multiple volumes
- SRS will reduce the requested space to fit within the VSAM 4 GB limit, ensuring you get the full amount of space available

SRS offers a detailed audit report, which can include user-defined information. The customer is offered options and can see summary or detail information in a user-friendly format. Additionally, SRS offers a sophisticated, comprehensive TRACE facility, which makes debugging your rules a snap.

There is also the ability to syntax check your rules prior to implementation. This is a great option when changes to the rules are made in the morning but will be implemented by non-technical personnel later during the production schedule.

SRS also allows users to validate their licensing rules in a 'simulation' mode without the need to start or restart the product. This can be beneficial when changing CPUs or testing on a different CPU. Furthermore, SRS features a checkpoint data set for rules, ensuring that the product will always have a working set of rules available at startup. A new rule group within SRS can be placed in TEST mode and only processed by jobs containing a particular file. This allows production and test rules to safely reside side by side.

SUPPORT FROM THE ORIGINAL-AUTHOR LINEAGE

SRS from DTS Software is sold and supported by some of the most experienced storage management professionals in the business. These SMS experts were either the original authors or seasoned experts who have actively participated in the development and enhancement of the product through practical hands-on experience from these original authors. Our support staff members each have decades of experience and expertise in helping customers navigate their way through automated storage management.



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