MAINSTAR

Storage Manager is a powerful storage management tool that you can use to access the information you need, analyze it, and act on it.

Mainstar: Storage Manager

Powerful storage management abilities – to make your life easier!

Storage Manager is built to support the daily responsibilities of the professional Storage Administrator.

With **Storage Manager** you can quickly view your installation's entire DASD population, analyze problems and opportunities, and act on the results immediately. Once you've identified opportunities, you can use **Storage Manager's** ability to automatically generate fix commands to correct the situation.

You can use the commands provided by Mainstar, or create your own and store them in **Storage Manager's** unlimited command library. Routine research strategies can be saved and re-used, and special-purpose research can be done with ease.

Create any commands you need in response to the results of your research. Commands, and the analysis plans that support them, can be created and saved at will.

Storage Manager's proven ability to rapidly gather and analyze storage data, and create corrective commands, is invaluable in many areas, including:

- SMS storage group monitoring & management
- Identifying & migrating data at rest
- Tracking & consolidating multi-volume datasets
- Tracking & managing dataset over-allocation
- Modeling planned changes to SMS constructs
- Enforcing dataset naming standards
- Supporting device conversions
- Dataset clean-up
- Ad-hoc research into capacity & allocation issues

MONITORING & MANAGING SMS STORAGE GROUPS

Monitor freespace by volume or pool: If your pool is below threshold, highly-allocated volumes within it may not be getting HSM migration attention. Check dataset ages, and command-migrate to prepare for high-usage application cycles.

IDENTIFYING & MIGRATING DATA AT REST

There are a variety of reasons for data not to migrate. Quickly survey your entire installation, and demonstrate the number of gigabytes that can be saved by migrating eligible data that did not migrate.

Evaluate the savings possible if migration thresholds are changed, and monitor the results. After filtering on management class, use the command-generation function to quickly perform the backups that were necessary in order to migrate much of your data otherwise eligible for migration.

"With Storage Manager I can evaluate the effects of planned changes to my ACS routines."

"Storage Manager has cut weeks from our SMS conversion effort!"

MULTI-VOLUME DATASET TRACKING & CONSOLIDATION

Datasets spread across multiple volumes create a number of problems for installations, especially in disaster recovery and HSM Migration. Monitor the proliferation of multi-volume datasets, and use **Storage Manager** to determine if the costs are worth the trouble. If they are, use **Storage Manager** to consolidate data when necessary, to preserve recoverability and to optimize HSM operation.

DATASET OVER-ALLOCATION TRACKING & MANAGEMENT

Most organizations have many thousands of datasets that use substantially less storage than was allocated. The storage cost consequences of this fact provide more than enough cost justification for implementing the **Storage Manager** solution.

MODEL PLANNED CHANGES TO SMS CONSTRUCTS

Using **Storage Manager's** complete ACS filtering capability, and your population of datasets for test data, evaluate the effect of planned ACS routine changes. How much data will be freed up by reducing a migration threshold by two days? Where will it occur? What about lengthening the threshold? What pools may go critical?

DATASET NAMING STANDARDS ENFORCEMENT

Using **Storage Manager's** powerful name filtering function, which includes extensions to ACS filter arguments, you can quickly identify name patterns that are outside of standards.

DEVICE CONVERSION SUPPORT

Quickly identify datasets and allocate storage in use on volumes to be removed, to help in planning. During actual conversions, generate commands to migrate the datasets to take advantage of changed ACS routines, or move the datasets directly to the new target volumes. Monitor new volumes to assure the modified ACS routines are placing desired data on the new volumes – especially if storage groups have been split or combined by the device conversion.

DATASET CLEANUP

With your entire installation's DASD before you, it's a simple matter to 'sweep' your installation, migrating or deleting obsolete datasets, to reclaim many gigabytes of space used by never opened or never touched files. Many customers reclaim enough wasted space during the trial period to pay for the product on that basis alone!

AD-HOC RESEARCH INTO CAPACITY & ALLOCATION ISSUES

Storage Manager shines when you have questions. Start with a global survey of your installation, then 'drill down' to dataset, volume, or SMS-construct based views. Find out why that additional 200 GB of DASD didn't seem to help storage thresholds...or did it? Find space device capacity you didn't know you had, or problems that haven't surfaced yet. If they're fixable, generate the fixes, and get on with your life!

Mainstar Software Corporation has been serving the storage and recovery needs of major organizations for over 20 years.

Careful attention to our customers' needs, progressive technology, and in-depth technical knowledge are all key elements in our success.

Mainstar offers software, consulting, and training solutions. Please call for more information.

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