

Get Complete Control of Mainframe Storage Assets with TSF

TSF Professional™ – zSeries, Estorian's premier solution based on the TeraCloud Storage Framework (TSF) technology, delivers a single point of control Storage Resource Management (SRM) solution that simplifies enterprise mainframe storage. TSF Professional – zSeries helps you plan more effectively, lower administrative costs and puts you in control of your storage environment. A reliable, easy-to-use solution, TSF Professional – zSeries improves storage utilization and helps control costs of your existing mainframe storage assets by automating repetitive tasks and accurately forecasting storage growth.

Comprehensive, Enterprise-Class Solution

With nearly two decades of use in Fortune 500 enterprises, TSF Professional – zSeries is a robust SRM solution that enables you to centrally manage storage in any combination of complex sysplex/jesplex environments. Its integrated suite of modules help you maximize the value of your mainframe storage environment (Disk, Tape and HSM) in all phases of storage management: assessment, monitoring, configuration, allocation and planning.

Solution Highlights

Common Storage Management Console This easy to use interface provides detail and summary reporting, history and trending capabilities as well as "saved user views" and print publishing facilities.

Scheduled Data Collection All collector jobs that gather data into databases or flat files may now be scheduled and run via a started task.

Automation IF Statements Process automation IF statements as data is collected within the z/OS environment to determine whether further actions are deemed necessary.

View and Graph History Data Capture history data in the TSF suite for views and graphs within the interface.

Integrated Storage Reporting Report on the composition of each volume.

Audit Facilities Interrogate valid and non-valid entries in the storage subsystems to quickly detect invalid status and submit corrective action.

Provides Action Capabilities Actions are provided for immediate execution from the interface giving the user control over batch or scripted actions against the selected objects.

Logical Pooling Definitions View an application set of data that spans all media types (disk, tape, HSM) within the z/OS storage environment.

Dynamic Groups Define logical groups of data based on how the organization reports on business units that dynamically reflect changes in the data usage patterns.

Apply Actions Against Groups Ability to apply actions against groups as they exceed limitations. For example, email notification of a group exceeding its authorized megabyte threshold.

Supported Environments

- ▶ z/OS (all IBM supported versions)

Integrated Modules

- ▶ TSF Disk Manager
- ▶ TSF Tape Manager
- ▶ TSF HSM Manager
- ▶ TSF Automation Manager

For more information about this or other Estorian products and services, please call 800.742.3389 or 425.709.2900, or visit our Web site at www.estorian.com



Challenge

Keeping storage-related expenses to a minimum

Monitor your current utilization and track it over time in ways that are easy to customize to fit your organization. The system must help you identify future needs based on historical trends.

Removing repetitive metric gathering tasks

Be on duty 24x7 with automated, actionable scripts to find, migrate/archive or delete aged data.

Taking action on the gathered data

Manage by exception with alerts of storage hotspots without constant monitoring by IT staff.

Getting a central view of storage across Sysplexes

Single point of control to view and administer storage landscape with text, graphic and numeric summaries across multiple "plexes" at every level, with drill-down capability from the enterprise down to the dataset.

Solution

TSF Professional – zSeries provides a single interface to data storage allowing access to multi-plex storage metrics as well as multi-level media within the z/OS platform. Coupled with expanded automation capabilities on z/OS it allows "Collected Real-Time" automation to be kept in the repository.

TSF Professional – zSeries wraps all media (Disk, Tape and HSM) into an complete, integrated product offering that includes a comprehensive scheduling and reporting engine for z/OS SRM metrics. The Java-based, common storage management console can run in Windows and control any LPAR managed byTSF.

TSF allows actions to be taken when viewing problem records through the interface. z/OS detail and summary information are now accompanied with greatly expanded graphing capabilities that can be saved as a default or set aside for periodic access. A unique object-oriented print engine allows customized screen, printer, HTML or PDF style printing.

TSF Automation Manager allows any field of any record of data (over 4,300) to be interrogated and acted upon at the time the collection. This keeps resources to a minimum while maximizing storage control. Automation allows any REXX routine to be fired providing the storage administrator with optimal control of corrective action.

TSF Professional – zSeries runs as a storage subsystem within z/OS providing collector scheduling capabilities as well as handling automation duties and servicing requests for Pool/Volume/Controller statistics held in dataspace. It provides comprehensive Controller statistics with drilldown showing cache hit ratios for each volume. Parallel Access Volume (PAV) information drilldown to specific volume serial numbers (VOLSER) displays the base address and the associated number of aliases. Historical information is maintained for each record can be queried and graphed to analyze growth.

Key Benefits

- ▶ TSF Professional – zSeries provides total control over the z/OS storage environment. Automation is instituted in a manner that significantly reduces resource consumption compared to other alternatives in the SRM market space.
- ▶ Extends the life of your mainframe environment by optimizing storage hardware, personnel and process efficiency.
- ▶ Empowers mainframe storage managers with a full view of a application data sets spanning all media types (Disk, Tape, and HSM) within the z/OS storage environment.
- ▶ Minimizes training cost and time with an integrated, easy-to-use interface that spans OS platforms.
- ▶ Schedules data collectors and other automation actions at optimal times without interfering with mission-critical application response and other system maintenance operations.
- ▶ Saves time and storage space by identifying and reconciling catalog-to-media and media-to-catalog dataset discrepancies.
- ▶ Increase visibility and storage growth planning with customized graphing and analysis of over 4,300 historical metrics.



Logical Pool view showing Allocated vs Free