

fastvsam

HIGH-SPEED, JCL-TRANSPARENT IDCAMS - REPRO, EXPORT/IMPORT REPLACEMENT AND VSAM COPY FACILITY WITH BACKUP/RESTORE

fastvsam is a high-speed, JCL-transparent VSAM Copy Facility with Backup/Restore capability. fastvsam transparently replaces IDCAMS REPRO, EXPORT, and IMPORT commands, and reduces the time and resources required for VSAM copy and Export/Import procedures by 50% or more.

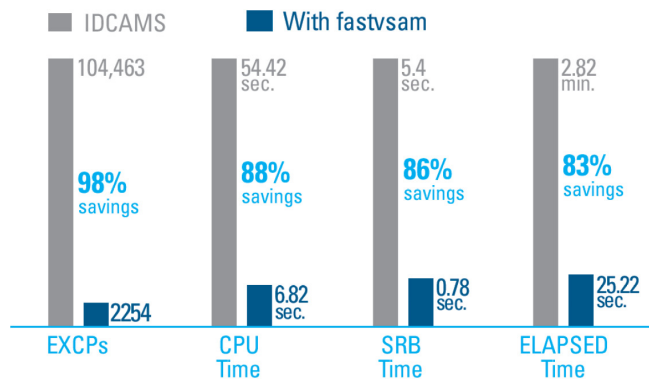
fastvsam is guaranteed to provide significant savings in time and money for every installation that uses VSAM.

INCREASE TIME SAVINGS

fastvsam streamlines complex and time-consuming VSAM management and maintenance tasks. fastvsam lets you restore all original data in half the time otherwise required, with alternate index data restored as-is or modified.

USER BENCHMARK

Repro • Sequential to KSDS, 78 mb of data



INCREASE FLEXIBILITY

fastvsam does more than just streamline the performance of IDCAMS commands like EXPORT and IMPORT. fastvsam enhances these commands with usability improvements, such as the use of wildcard masks. Further flexibility is provided by the BACKUP and RESTORE commands, which can simplify multi-step EXPORTS and IMPORTS to a single, more efficient process.

INCREASE DOLLAR SAVINGS

fastvsam uses its own high-speed logic to deliver considerable savings during peak hours when RESTORE requests most commonly occur. It increases throughput by 50% or more and reduces elapsed time by up to 70%.

CONVENIENCE

With fastvsam, you can backup entire clusters, restore to different volumes, easily alter any cluster attribute, and automatically reorganize control intervals and extents. For every backup and restore, fastvsam automatically includes all cluster information.

IMPROVE RESOURCE MANAGEMENT

fastvsam reduces CPU time by 65% or more and can cut EXCP counts by up to 95%. fastvsam can copy a cluster faster, speeding up the job of system and data management. This means that backups are faster and that the data will be available to users sooner.

EASY TO USE

The fastvsam powerful command language is easy to use, with its standard coding conventions and a syntax identical to IDCAMS. fastvsam BACKUP and RESTORE make it easy to migrate entire VSAM spheres (associated clusters) at a single time. You can easily migrate spheres between different catalogs, volumes or systems. fastvsam offers an easy means to migrate to and from SMS and non-SMS volumes.

FASTVSAM TECHNICAL SUMMARY

fastvsam reduces the time and resources necessary for VSAM copy, backup, and restore procedures by more than 50%. Its highly efficient Backup and Restore Facility manages all file components as a single unit across multiple volumes and clusters. High-speed logic and command flexibility save fastvsam users time and money during VSAM management and maintenance tasks. The larger the data set, the greater the savings. fastvsam is compatible with SMP, SMP/E, DFDSS, SMS, and RACF. fastvsam installs in minutes, requires no JCL changes, and supports all VSAM formats.

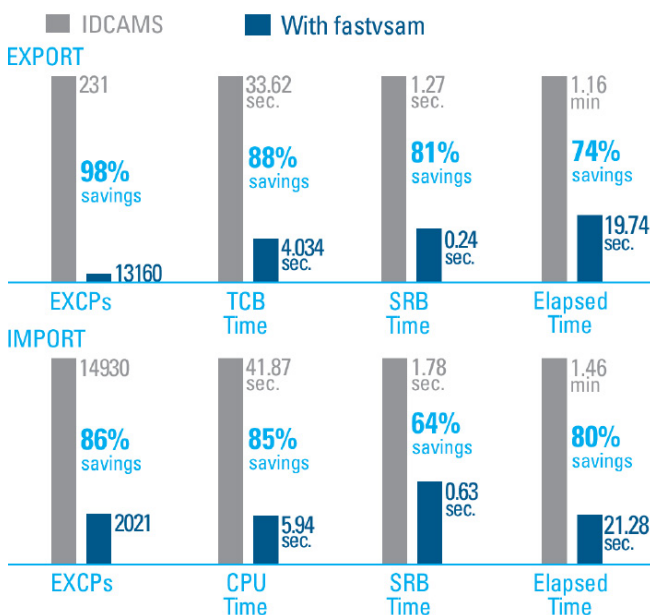
JCL TRANSPARENCY

fastvsam can be installed as a replacement for IDCAMS because it uses the same command language and syntax. All existing JCL and CLISTS will take advantage of the improvements fastvsam offers, with no modifications.

- No JCL changes
- Repro, Export/Import Replacement (JCL-transparent)

USER BENCHMARK

Import Export KSDS • 70 mb of data



COMPREHENSIVE BACKUP

fastvsam coordinates related components to efficiently backup all data and associated cluster information. This includes alternate indexes, data, path, and catalog information.

- Backup data and catalog information from one or more VSAM clusters to a sequential file.
- Automatically compress dead space by backing up only the active data, not the control overhead.
- Backup and restore clusters residing on multiple volumes.

POWERFUL RESTORE

With fastvsam, you can select files to restore by name, volume, and catalog of origin. fastvsam restores all clusters and components, including key ranges, CI size, and primary/secondary space allocations.

- Redefines the catalog information and then copies the data to the cluster.
- Data is automatically reorganized by RESTORE, eliminating any CI or CA splits.
- Restore to original or user-specified volume(s).
- Delete existing clusters and redefine restored clusters automatically.

OPTIONAL FAST MEMBER ORGANIZER (FMO)

- Automatic Space reuse
- Archival of unused members
- Member level access control
- And many other features described under fmo

INSTALLATION, HARDWARE/SOFTWARE REQUIREMENTS

fastvsam installs in a few minutes and requires no IPLs, SVCs, hooks, or operating system changes. Install with or without SMP. Modules are delivered reentrant, refreshable, and reusable. fastvsam runs in any IBM OS/390 or z/OS environment.

- Installs in 10 minutes.
- No JCL changes.
- Can be made LPA resident, or loaded for each step.

REDUCE WASTED DASD, CPU TIME, EXCPS, AND ELAPSED TIME WITH SEA'S FAST PACK

SEA's fastPack is comprised of 5 state-of-the-art DASD management tools. On the DSN and Volume level, pdsfast, fastgenr, fastvsam, and Fast Data Set Organizer (fdso) constitute a suite of ultra-high-speed DASD and data management solutions. Its powerful and flexible reporting facility provides management with an installation-wide view of the DASD subsystem that can be tailored to their needs (broken down by volume, storage group, unit type, pool, etc.)

On the member level, Fast Member Organizer (fmo) is a comprehensive, easy to use, high-speed, member-level monitoring and management tool that can dramatically reduce DASD space consumption by archiving unreferenced PDS members and by reusing disk space.

Using fastPack, installations can recover automatically from many out-of-space conditions during processing, backup huge volumes of VSAM data, defragment volumes incrementally without requiring exclusive access to the volume, and a whole host of other functions.

As transparent replacements for the IBM utilities IDCAMS, IEBCOPY, and IEBGENER, which are invoked thousands of times a day, the fastPack components can deliver significant resource savings.

With fastPack, SEA is uniquely positioned to help modern data centers not only maintain and maximize their investment in DASD but also improve their system performance, extend DASD capacity by up to 20%, and keep pace with its continued growth through improved automation and management.

SEA - SOFTWARE ENGINEERING OF AMERICA

Established in 1982, Software Engineering of America has built a global reputation as a leader in the field of data center software solutions. Over 10,000 data centers of all sizes and configurations are utilizing one or more of SEA's products, including 9 of the Fortune 10 as well as 425 of the Fortune 500 Companies.

SEA provides the highest quality technical support in the industry for all of its products, 24 hours a day, 7 days a week, worldwide.

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