

IAM Benchmark

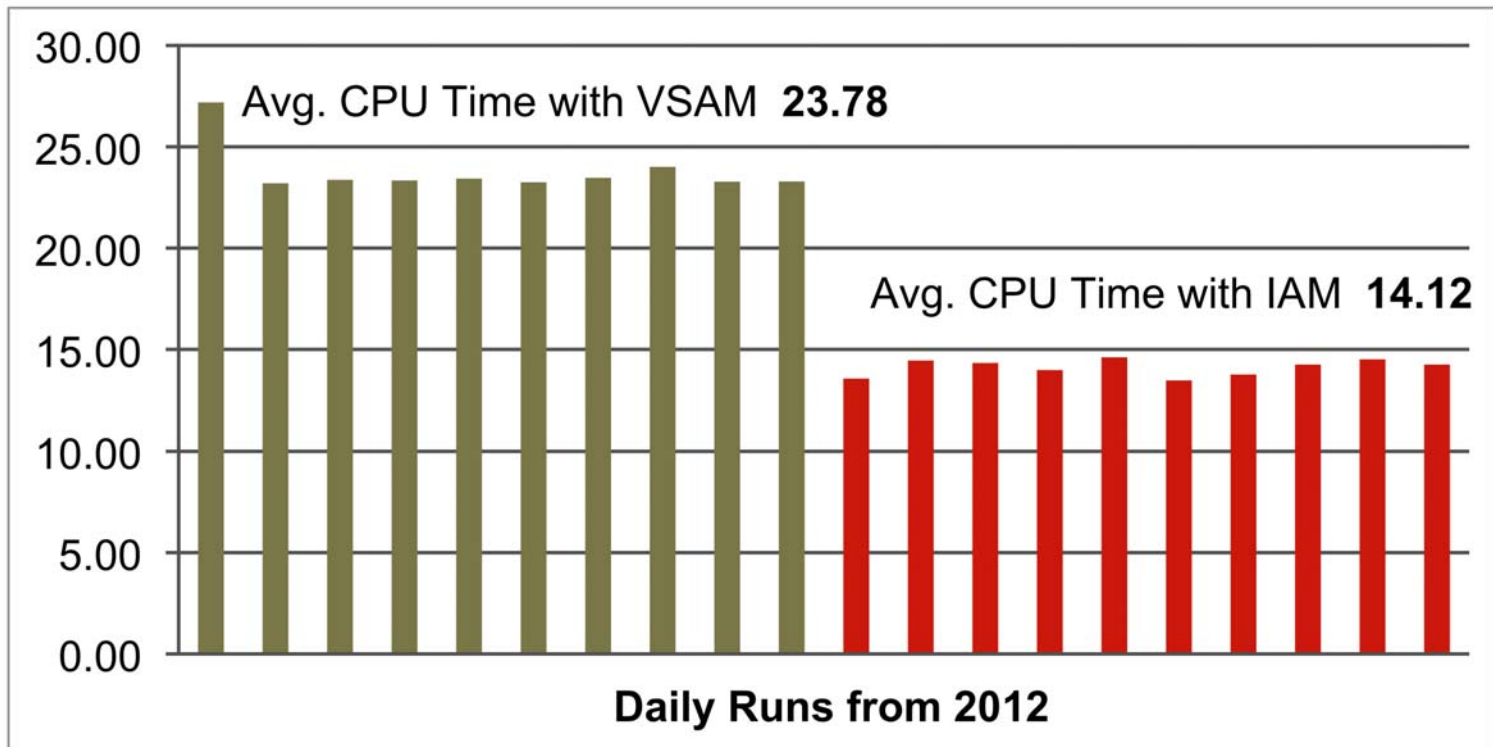
Starting from 1972 to today...
organizations large and small
are still seeing the performance
of IAM compared to VSAM.





Performance Summary With a Lawson Application from INFOR

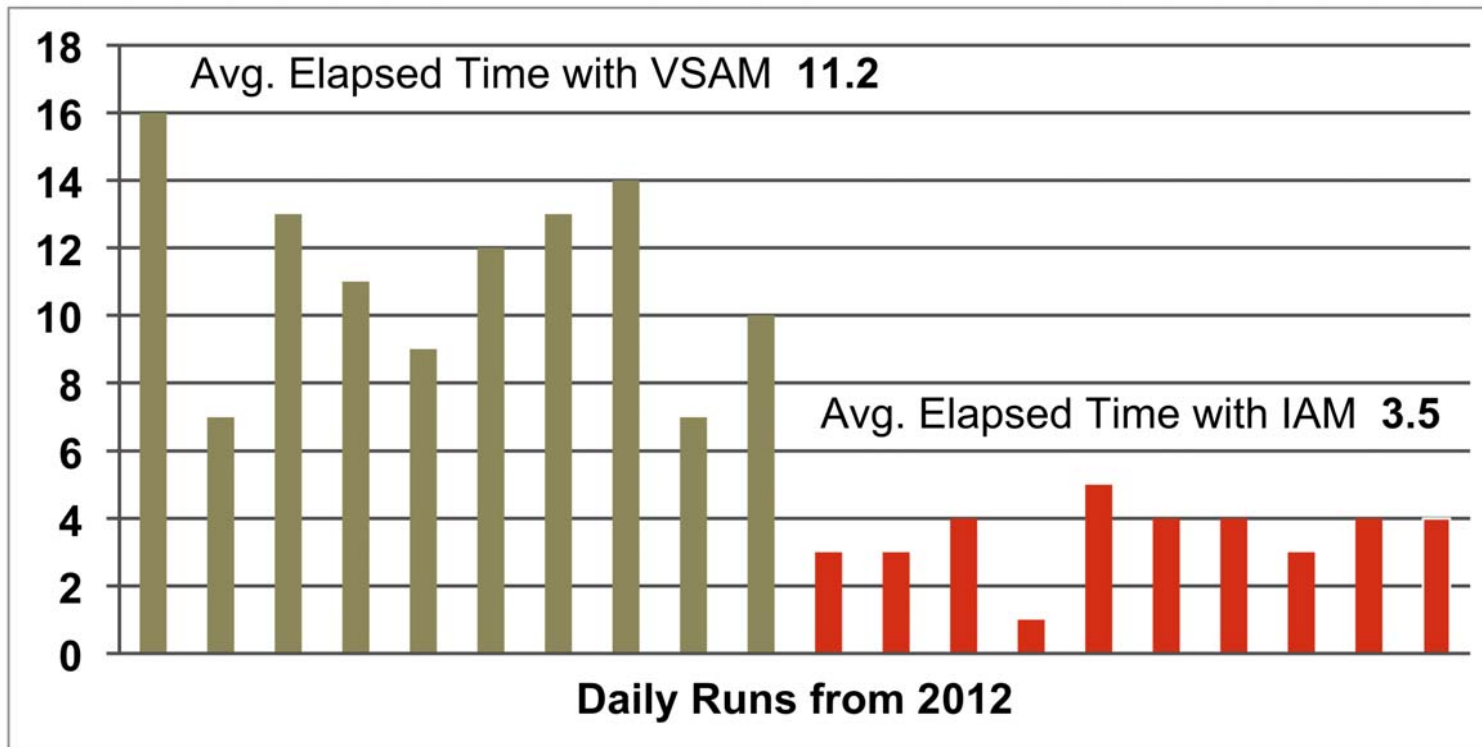
- IAM Reduced CPU Time by 40.6%





Performance Summary With a Lawson Application from INFOR

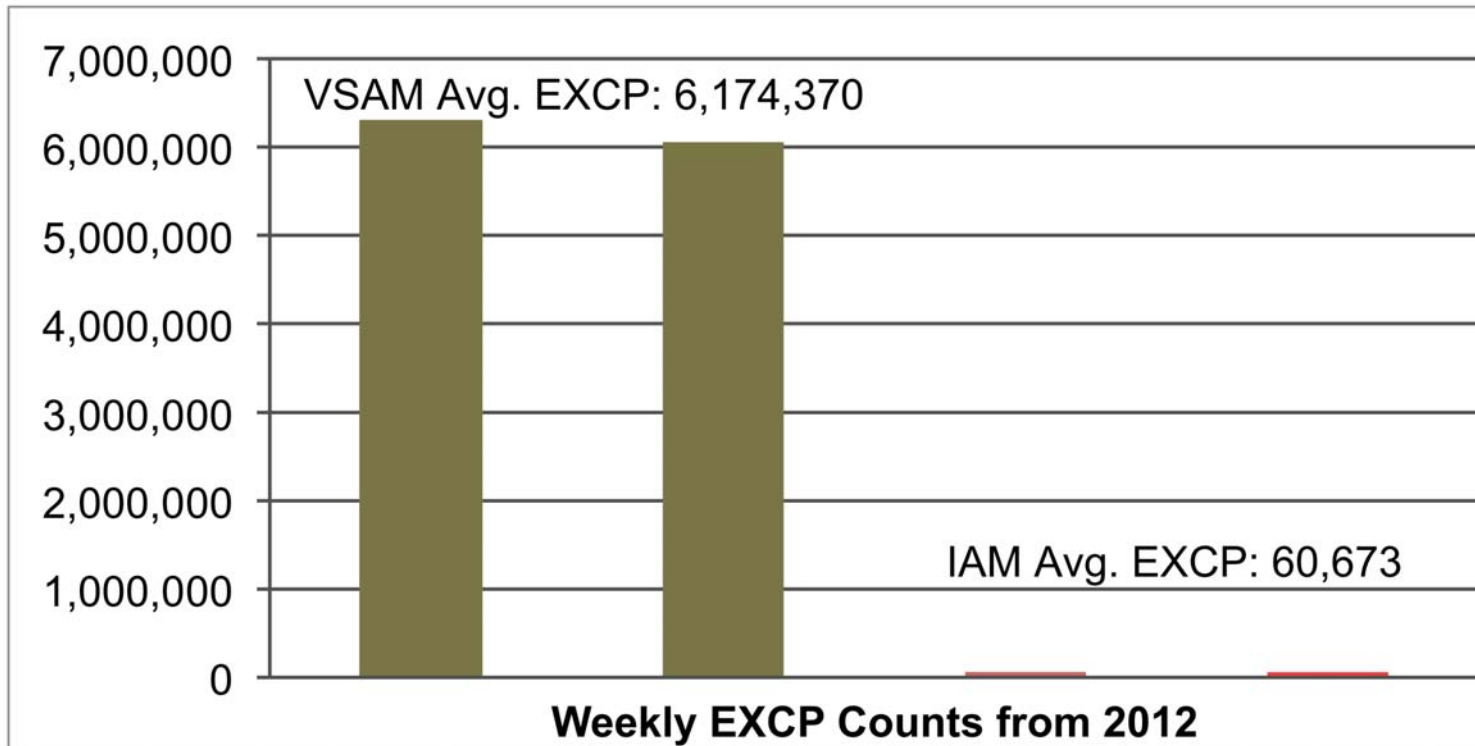
- IAM Reduced Elapsed Time by 68.8%





Performance Summary With a Lawson Application from INFOR

- IAM Reduced VSAM EXCPS by 99%





Performance Summary Typical Results

- Reduces Batch Processing Time by 20% to 60%
- Reduces Physical I/O (EXCP's) by 40% to 80%
- Reduces CPU time by 20% to 40%
 - CPU savings may be reduced by Data Compression
- Data Compression Reduces DASD Space by 20% to 50%



Performance Summary Can IAM Help?

- SMF Analysis Program
 - Determine how much VSAM I/O activity a system has
 - Do we have high enough VSAM I/O activity to justify IAM?
 - Identify Datasets that are Candidates for Conversion to IAM
 - Report on VSAM datasets with most I/O activity
 - Report on largest VSAM datasets
 - What datasets will yield the most savings from IAM?
- Available for Free
 - Includes Review and Analysis of Results at your installation



IAM in Summary

- Transparently improves VSAM application performance
- Uses a simpler file structure, dynamic buffer management and caching
- Reduces physical I/O (EXCP's) by 40% to 80%
- Cuts CPU time by 20% to 40%
- Reduces elapsed processing times 20% to 60%
- Data Compression can save DASD space by 20% to 50%
- Provide Record Level Sharing across a SYSPLEX



Innovation Data Processing's Storage Management Products



FDRABR

Volume Incremental Backup and Archiving - Reduce your daily backup elapsed times



FASTCPK

Volume Reorganization - Consolidate free space and merge multi-extent data sets



FDRREORG

Dataset Reorganization - Reorganization tool for VSAM, IAM and PDS datasets



FDREPORT

z/OS Reporting - Flexible wide-range Storage Management Reporting



FDRINSTANT

Instant Backup - Near non-disruptive backup for 24/7 operations



FDRSOS

For Open Systems Cross-Platform Data Protection to the z/OS Mainframe



IAM & IAM/PLEX - Support for sharing at the Record Level across a SYSPLEX
VSAM Performance - Improve the performance of your VSAM applications



FATSCOPY

Tape Media Utilities - Copy, consolidate & stack, migrate and erase data on tape



FDR/UPSTREAM & UPSTREAM RESERVOIR & Linux on System z

Backup Open Systems to Mainframe or without the Mainframe



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