



IAM Version 9.0 is Now Available!

What is IAM...the performance of accessing VSAM data remains of high importance for many z/OS users for their critical applications. The IAM product can help improve the performance and reduce the processing costs for VSAM applications. For many applications the benefits have been quite substantial.

IAM Version 9.0 Summary of Enhancements are Detailed Below.

- **EAV Support (Extended Address Volumes)**
IAM Version 9.0 supports IAM files on EAV. For z/OS 1.11 IAM files will be DFSMS Extended Format. For z/OS 1.12 and above the IAM datasets on EAV volumes can be Large Format Sequential or Basic Format Sequential.
- **Prime Related Overflow (PRO)**
Prime Related Overflow (PRO) is an alternative overflow structure within IAM files. The PRO overflow structure is designed and intended to be used for IAM files that have very high insert activity. For such files PRO provides the benefits of reduced virtual storage usage for the index structure and will reduce the frequency of reorganizations.
- **64-bit Virtual Storage**
IAM Version 9.0 can use z/OS 64-bit addressable virtual storage to hold the index for opened IAM files. Use of this function provides virtual storage constraint relief and eliminates the two gigabyte limitation for the indexes to IAM files.
- **XTIOT and 31-bit DSAB Control Blocks**
IAM Version 9.0 supports IAM files existing in the XTIOT (above the line TIOT area) and 31-bit DSAB control blocks. This support will allow users to allocate more datasets to their CICS and IAM/RLS address spaces.

IAM Resources

To request a No-Obligation Trial.

[Click Here](#)

To have IAM Version 9.0 shipped to you.

[Click Here](#)

To request more information on IAM 9.0.

[Click Here](#)

To request a White Paper on IAM.

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For a complete Summary of Modifications and Enhancements.

[Click Here](#)

To request more information on IAM/PLEX.

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Enhanced IAM/RLS SUPPORT

Based on user input, the following changes have been made to IAM/RLS:

- There will be one dataset name table that is applicable to all of the IAM/RLS address spaces within a Sysplex. This provides one central location to control the use of IAM record level sharing capabilities.
- An enhanced dataset name masking capability is provided for the specification of dataset names on the SELECT and EXCLUDE statements. This will help to reduce the size of the table that is kept in virtual storage.
- 64-bit addressable virtual storage can now be used to contain the record locks within each IAM/RLS address space. This capability will increase the number of record locks that can be held, and reduce contention for 31-bit addressable storage.
- An automatic sync point process is now available for batch jobs. This will be controlled by a new ACCESS override of AUTOSYNCPOINT=nnnnn which specifies that a sync point will be taken after the specified number of locks.
- RLSINFO, a new statistical report, can be automatically produced on a periodic basis for IAM/RLS address spaces.
- Performance and CPU time improvements for IAM/RLS processing. Use of various system services will be reduced or eliminated. In particular, there will be a reduction in use of the local lock for serialization, along with implementation of different serialization techniques to reduce the resource contention.

NEW PRODUCT

IAM/PLEX a Cost Option to IAM is Now in Beta Testing

IAM Version 9.0 presents IAM/PLEX, a z/OS SYSPLEX record level sharing capability for VSAM applications that is available as an additional cost feature of the IAM product. This feature enables VSAM applications to execute concurrently and update IAM files on multiple LPAR's/systems that are part of a z/OS Sysplex. The applications sharing these files can be any mix of CICS/TS transactions, batch programs, or TSO applications. The IAM/PLEX approach to Sysplex record level sharing of datasets is intended to provide users with record level sharing capabilities without the implementation complexity and application changes that are typically necessary for implementing VSAM record level sharing. The IAM/PLEX function utilizes the z/OS Sysplex XCF services, the z/OS System Logger facilities, and the IAM/RLS framework to enable the sharing of datasets at the record level across multiple LPAR's.

To request more information on IAM/PLEX, contact: sales@fdrinnovation.com