

## IAM TECHNICAL BULLETIN

**IMPORTANT TECHNICAL BULLETIN FOR  
IAM VERSION 9.3 USERS of IAMRLS****FIX P-93.0093**

A problem has surfaced with the record locking component of IAMRLS that can result in IAMRLS ceasing to handle I/O, Open, and Close requests. This can show up as a S522 abend for batch jobs or in hung transactions in CICS File Control I/O waits for files being processed by IAMRLS. An indication that this problem has occurred may also be the sudden appearance of several **IAML0076 EXTRA I/O TASK ATTACHED** messages to the operator and on the RLSLOGDD. The IAMRLS address space will need to be forced to remove it from the system, and then restarted if this problem occurs.

This problem can occur at a random point in time as it is the result of a **rare** timing circumstance that caused damage to an internal queue of requests used by the IAMRLS Record Lock Manager. The problem is resolved by the application of the P-93.0093 fix. This fix is available at the link shown below from the Innovation product support FTP site. This fix can be applied to active IAMRLS address spaces using the IAMRLS operator command of APPLY as documented in Section 20.40 of the IAM Users Guide. You can also request the most recent maintenance level of IAM Version 9.3/02 Spin Level 4 that is available now which has that fix applied.

**NEW VERSION 9.3 SPIN LEVEL 10 AVAILABLE IN SEPTEMBER, 2018**

IAM Version 9.3/02 Spin Level 10 will be available in September, 2018. This version contains enhancements to the IAM Dynamic Reorg process that will provide continuity of operation during the very brief time that the reorganized file is unavailable for processing. This is achieved by a new feature called High Activity Toleration. HAT is accomplished by temporary use of CICS exits and other IAM Dynamic Reorg software enhancements that will automatically delay the file I/O requests during the very few seconds that the file is not available.

**NEW VERSION 9.4 WILL INCLUDE PERVASIVE ENCRYPTION SUPPORT**

IAM Version 9.4, which provides support for Pervasive Encryption, is in development with an anticipated availability by end of 4Q2018. IAM will be internally utilizing Linear Data Sets with Media Manager I/O operations to ensure complete conformity with z/OS implementation of Pervasive Encryption. Additional enhancements are also under consideration, which will include Dynamic Reorg of IAM data sets being processed by IAMRLS.

**If you are interested in being a beta site for Pervasive Encryption, please contact Innovation.**

Innovation recommends that all users keep up with the most recent maintenance by periodically checking the support FTP site for any new fixes for the version of IAM that you are using.

**Use the link below to access the FTP site:**

<https://www.fdr.com/ftp/ftp.cfm>

**This link shows you how to navigate within the FTP site:**

[https://www.fdr.com/Manuals\\_CurrentVersion/FTPAccess\\_IAM.pdf](https://www.fdr.com/Manuals_CurrentVersion/FTPAccess_IAM.pdf)

**Use the link below which describes how to apply super zaps to IAM load library:**

[https://www.fdr.com/Manuals\\_CurrentVersion/How\\_to\\_Apply\\_Superzaps\\_to\\_IAM\\_Load\\_Library.pdf](https://www.fdr.com/Manuals_CurrentVersion/How_to_Apply_Superzaps_to_IAM_Load_Library.pdf)

**Any questions please e-mail [support@fdrinnovation.com](mailto:support@fdrinnovation.com)**

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