

IAM TECHNICAL BULLETIN

IMPORTANT TECHNICAL BULLETIN FOR IAM 9.3 USERS**FIX P-93.0114 and FIX P-93.0122**

A data integrity problem has surfaced with the use of the CACHE64 function under CICS that is resolved with the fixes mentioned above. The problem occurred due to a specific set of circumstances that resulted in an updated block only being written to disk and not updated in the CACHE64 area. Innovation would like to remind our IAM users that the CACHE64 option is not to be used for CICS address spaces. From the IAM manual Section 10.45 on CICS Considerations it states:

“It is generally not recommended that the CACHE64 options be utilized within an online processing environment such as CICS. The CACHE64 option is better suited for batch jobs that process IAM datasets with large overflow areas, especially when they are being read sequentially.”

The use of the CACHE64 function is only indicated when an explicit IAM ACCESS override is provided with the keyword of CACHE64. IAM users are being advised to remove the CACHE64 override specification for any CICS address spaces which may have that function specified.

The CACHE64 function was written to address a specific and very infrequently occurring circumstance for batch jobs that can result in excessive I/O. Most IAM files will not benefit from the use of this function. It should be used only with the very few files that have exhibited excessive I/O while reading the file sequentially. Types of jobs that would benefit include IDCAMS REPRO, batch job reading a file for reorganization, and potentially removing old data, or a batch job sequentially reading the entire file for reporting or auditing purposes. Jobs that do any type of updating or random activity are typically not going to benefit from the use of CACHE64. Future releases of IAM will disable the use of CACHE64 if it is specified for circumstances where such use is not advisable.

Innovation is advising all users to remove specification of CACHE64 from IAM overrides that are being used by any CICS regions. The use of CACHE64 is reflected on the IAMINFO reports by the appearance of CACHE64 in the override column of the report. The fix for this problem is on the IAM 9.3/02 Spin Level 11. The fix for prior levels of IAM are only needed if CACHE64 is being utilized with CICS and are available upon request.

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_IAMV93L02S10.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

Any questions please e-mail support@fdrinnovation.com

INNOVATION CORPORATE OFFICES**INNOVATION DATA PROCESSING**

Corporate Headquarters: 275 Paterson Avenue, Little Falls, NJ 07424

Tel: 973-890-7300, Fax: 973-890-7147

E-Mail Support: support@fdrinnovation.com

E-Mail Sales: sales@fdrinnovation.com

Website: www.fdr.com

EUROPEAN OFFICES:**France:**

INNOVATION DATA PROCESSING S.A.R.L, 191 Avenue Aristide Briand,
94230 Cachan, France

Tel: 01-49-69-94-02, Fax: 01-49-69-90-98

E-Mail Support: frsupport@fdrinnovation.com

E-Mail Sales: frsales@fdrinnovation.com

Germany:

INNOVATION DATA PROCESSING International Ltd.,
Orleansstrasse 4a,

D-81669 Muenchen, Germany

Tel: 089-489-0210, Fax: 089-489-1355

E-Mail Support: desupport@fdrinnovation.com

E-Mail Sales: desales@fdrinnovation.com

Netherlands:

INNOVATION DATA PROCESSING, Brouwerstraat 8,
1315 BP Almere, Netherlands

Tel: 036-534-1660, Fax: 036-533-7308

E-Mail Support: nlsupport@fdrinnovation.com

E-Mail Sales: nlsales@fdrinnovation.com

United Kingdom:

INNOVATION DATA PROCESSING Ltd., Clarendon House, 125 Shenley Road,
Borehamwood, Herts, WD6 1AG, England

Tel: 0208-905-1266, Fax: 0208-905-1428

E-Mail Support: uksupport@fdrinnovation.com

E-Mail Sales: uksales@fdrinnovation.com