



## **Software AG z/OS Urgent Customer Flashes**

Created on: January 3<sup>rd</sup>, 2007  
**Last Updated: June 23, 2010**  
Version: 14.0

FLASH #8

Date: June 4, 2010

IBM System: IBM System z10 running in a SYSPLEX configuration using the STP timer option

DESCRIPTION:

Non-unique STCK (Store Clock) values were detected by a client program and subsequent z/Architecture assembler single-CPU test-program in the following specific conditions: CEC is in STP Timing mode (Mixed or STP-only CTN) and steering its TOD either to the Stratum 1, or when the CEC is the Stratum 1 steering its TOD in order to adjust to an External Time Source, or to a manual time adjustment.

Software AG Product(s) Affected by this Problem: Event Replicator for z/OS

RESOLUTION: IBM Hardware Microcode

Driver: D79F

Stream: N24406

MCL: 31

Bundle 26

Description: I390ML Non- unique STCK values

FLASH #7

Date: March 3, 2010

IBM Subsystem: IBM TCP/IP

SAG Product: Entire Net-work and EntireX and Natural Developer Server

IBM Abstract: A logic error in the base TCPIP code of z/OS 1.11 can cause applications using ASYNCIO Writes to be driven twice. This can affect various applications and subsystems using z/OS TCPIP ASYNCIO on the sending side, such as Websphere MQ, JES and non-IBM products.

SAG Product Code: WCP/WTC and EXX and NDV

Environment: Entire Net-work, EntireX, and Natural with the TCP/IP support running in a z/OS environment

DESCRIPTION: (Under what conditions does the maintenance need to be applied)

A logic error in TCPIP on z/OS 1.11 can cause applications using ASYNCIO Writes to be driven twice. The application data presented on the socket write operation is sent over the TCP connection twice, thus corrupting the data stream. This can affect various applications and subsystems using z/OS TCPIP ASYNCIO on the sending side, such as Websphere MQ, JES and non-IBM products. Please see APAR PM08514 for the details and symptoms that may result

RESOLUTION:

Apply IBM APAR All z/OS 1.11 users should install the APAR fix for PM08514 that is currently available from IBM Support. This APAR does not apply to prior z/OS releases.

FLASH #6

Date: June 1, 2009

IBM Subsystem: IBM CICS TS

IBM Component: IBM z/OS Post SVC

SAG Product: Adabas

SAG Product Code: ADA/ACI

Environment: IBM CICS TS running in a z/OS environment

DESCRIPTION: (Under what conditions does the maintenance need to be applied)

A task hang can occur when the Adabas V8 nucleus is running along with the Adabas V8 Router (SVC) and the customer has specified XWAIT=YES in the ADAGSET in the CICS link routine and that the Adabas nucleus has been setup to run in other than key 8 via the z/OS Program Properties Table (PPT) which is system keys (1-7).

Please note that the problem could occur if the user is using an Adabas 8 nucleus and Adabas 8 Router and a V7 CICS link routine also with the Adabas nucleus by defined in run in non key 8.

RESOLUTION:

Apply IBM APAR OA28864

(Please note that there is a recent PE against this IBM APAR and it is OA29981) – August 17<sup>th</sup>, 2009

This IBM PE APAR OA29981 can be installed without causing problems for the Adabas Router.

FLASH #5

Date: April 8, 2009 (From 2007)

IBM Subsystem: IBM CICS TS

SAG Product: Adabas

SAG Product Code: ADA

Adabas Response Code: 144

Environment: IBM CICS TS running in a z/OS environment

#### DESCRIPTION:

The problem occurs when CICS applications use the EXCI interface from IBM, to call CICS Cobol Programs which resulted in the same Terminal ID for new DPL (Distributed Program Load) requests. This had the result of Adabas userids that were created being the same for different logical units of work, hence an RSP144 when a users ISN list is released by the second user with the same userid.

#### RESOLUTION:

Apply IBM APAR PK35544.

Reported IBM component: CICSTS V3.1 for z/OS

## SMA - SAG products using CSA Key 8 storage - How to deal with new z/OS parameter VSM ALLOWUSERKEYCSA(YES|NO)

|  |  |
|--|--|
| <b>Product Code(s) and Version(s):</b> | SMA  |
| <b>Platforms:</b>                      | MF   |
| <b>Description:</b>                    | SAG products using CSA Key 8 storage - How to deal with new z/OS parameter VSM ALLOWUSERKEYCSA(YES NO) |
| <b>Created/Last Updated:</b>           | 11. Oct 2007   |
| <b>Author:</b>                         | [HNO]  |
| <b>Document ID:</b>                    | 992  |

Introduction  
Software AG Products Affected

### 1.1 **Introduction**

*There is a new parameter ALLOWUSERKEYCSA(YES | NO) in the SYS1.PARMLIB member DIAGnn available with z/OS Version 1.8 and above. Please note that this is a global option for the complete z/OS system that you are running.*

The default value for this parameter in z/OS Version 1.8 is YES, but the z/OS documentation recommends specifying NO (which prevents user key CSA from being obtained).

#### **Important:**

The default value for this parameter in z/OS Version 1.9 is NO. Setting ALLOWUSERKEYCSA to YES in z/OS Version 1.9 results in the same overall security level of your working environment as with z/OS Version 1.8 and below. Until further notice the Software AG products listed in the table below, require this parameter set to YES in order to operate correctly.

Setting the parameter to NO prevents user key CSA from being allocated by failing any attempt to obtain user key from a CSA subpool (through GETMAIN or STORAGE OBTAIN) with a B04-5C, B0A-5C, or B78-5C abend.

There is a "Health Checker" check in z/OS Version 1.8 which warns you if in the installation the value NO is not specified. This check is shipped as inactive in z/OS Version 1.8, and the customer can choose to activate it.



## **1.2 Software AG Products Affected**

The following products are using KEY-8 storage in (E)CSA and are affected by parameter ALLOWUSERKEYCSA.

| Product                    | Product Code | Version             |
|----------------------------|--------------|---------------------|
| Adabas Cluster Services    | ALS          | 8.1                 |
| Adabas Parallel Services   | ASM          | 8.1                 |
| Adabas Fastpath            | AFP          | 8.1                 |
| Adabas Vista               | AVI          | 8.1                 |
| Adabas Transaction Manager | ATM          | 8.1                 |
| EntireX Communicator       | EXX          | 7.2 and 7.3 and 8.0 |
| Natural                    | NAT          | 4.2.4               |

Refer to the individual section for details:

- Adabas Cluster Services (ALS)
- Adabas Parallel Services (ASM)
- Adabas Fastpath (AFP)
- Adabas Vista (AVI)
- Adabas Transaction Manager (ATM)
- EntireX Broker Services (EBV)
- Natural (NAT)

### **1.2.1 Adabas Cluster Services (ALS)**

Please refer to the current Adabas Cluster Services V8.1 documentation for instructions on how to place an entry in the z/OS Program Properties Table (PPT) to run these programs in a system key (1-7). Adabas Cluster Services (ALS) if the value of the z/OS parameter is ALLOWUSERCSA(NO)

### **1.2.2 Adabas Parallel Services (ASM)**

Please refer to the current Adabas V8.1 Parallel Services documentation for instructions on how to place an entry in the z/OS Program Properties Table (PPT) to run these programs in a system key (1-7). Adabas Parallel Services (ASM) if the value of the z/OS parameter is ALLOWUSERCSA(NO)

### **1.2.3 Adabas Fastpath (AFP)**

ALLOWUSERKEYCSA(YES) is required. The next major release (Version 8.2 in 2010) will introduce an option to avoid the use of ECSA.

## **1.2.4 Adabas Vista (AVI)**

ALLOWUSERKEYCSA(YES) is required. The next major release (Version 8.2 in 2010) will no longer use ECSA.

## **1.2.5 Adabas Transaction Manager (ATM)**

ALLOWUSERKEYCSA(YES) is required. The next major release (Version 8.2) will no longer use ECSA.

## **1.2.6 EntireX Broker Services (EBV)**

ALLOWUSERKEYCSA(YES) is required.

## **1.2.7 Natural (NAT)**

The usage of Natural Global Buffer Pools requires ALLOWUSERKEYCSA(YES) **prior** to Natural 4.2.5 (NAT424). With Natural Version 4.2.5 or above, you can specify ALLOWUSERKEYCSA(NO).

FLASH #3

Date: April 8, 2009 (From 2007)

SAG Product: Adabas SQL Server

SAG Product Code: ESQ

Environment: IBM CICS TS V3.1 running in a z/OS environment

**DESCRIPTION:**

An CICS abend AEXY can occur with Software AG's use of Adabas CICS True which has been driven on behalf of the Adabas SQL Server under IBM CICS TS V3.1 when it was driven at end of task time for a remote resource that was not associated with a terminal.

**RESOLUTION:**

Apply IBM PTF UK22809 (IBM APAR PK37589)

FLASH #2

No Longer Active

FLASH #1

No Longer Active