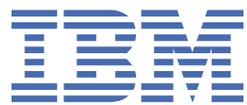


IBM Security zSecure 2.4.0

*Event Correlation And Compliance
Automation Service Stream
Enhancement (OA61058, OA61059)
Documentation Updates - IBM Security
zSecure Messages Guide*



Chapter 1. About this document

This document describes the documentation updates as a result of the zSecure event correlation and compliance automation Service Stream Enhancement (SSE, for APAR numbers OA61058 and OA61059 - April 2021).

The following enhancements were made:

- End-to-end event correlation between IBM® z/OS® Connect, CICS®, and Db2® events
- Support for a new layout of SMF record type 123, subtype 1 (z/OS Connect)
- Alerts 1124 (RACF®) and 2124 (CA ACF2) for a TSO logon from an IP address that is not allow-listed
- Support for tape data set sensitivities
- Ability to evaluate STCs through STIG by using a Site Security Plan approach
- More STIG automation (5 controls for CA ACF2, 3 controls for IBM RACF and CA Top Secret) and other STIG-related improvements, such as ensuring a result when no objects are evaluated
- More reporting of ICSF settings
- Audit concern for UACC of ID(*) access of ALTER to discrete profiles
- Ability to use CARLa literals for sorting only (NONDISPLAY)
- Ability to sort command output from RECREATE by profile
- Ability to use longer messages and descriptions in alerts
- Ability to show OPERROUT in exploded format
- Performance improvements for zSecure support for CA ACF2

The documentation updates apply to 2.4.0 zSecure Admin, zSecure Audit, and zSecure Alert. The following publications were updated:

- *zSecure Messages Guide*
- *zSecure Admin and Audit for RACF User Reference Manual*
- *zSecure Audit for ACF2 User Reference Manual*
- *zSecure Audit for Top Secret User Reference Manual*
- *zSecure CARLa Command Reference*
- *zSecure Alert User Reference Manual*

Note:

- Referenced topics that were not changed are not included in this document. You can find them in the publication that the chapter applies to.
- The *zSecure (Admin and) Audit User Reference Manuals* and the *zSecure CARLa Command Reference* are available to licensed customers only. To access the zSecure 2.4.0 licensed documentation, you must sign in to the [IBM Security zSecure Suite Library](#) with your IBM ID and password. If you do not see the licensed documentation, your IBM ID is probably not yet registered. Send a mail to zDoc@nl.ibm.com to register your IBM ID.

Incompatibility warnings

STIG members renamed

The following SCKRCARL member was renamed, from a generic name to an ESM-specific member name.

Table 1. SCKRCARL generic member names renamed for RACF, ACF2, and Top Secret systems.
 Member C2RGM420 for control AAMV0420 was renamed from a generic name to a member name that is specific for the External Security Manager (ESM). Note that member C2RGM420 is now obsolete.

Control	Original member	Renamed members		
		RACF	CA ACF2	CA Top Secret
AAMV0420	C2RGM420	CKAGM420	C2AGM420	CKTGM420

Chapter 2. zSecure Messages Guide

The following messages were updated or added:

CKR0729 **First volume of catalog entry is secondary in other *volser* *datasetname***

Explanation

This message is issued if one ICF catalog entry indicates that disk volume *volser* is the first volume of *datasetname*, while another indicates it is a secondary volume. The entry encountered first is considered correct, the other is ignored.

Severity

08

CKR2134 **Error loading IOA environment related record *num* system *system* [*version*] of source:*message***

Explanation:

An error occurred during loading of records that describe a BMC INCONTROL IOA environment. This message is usually the result of a corruption in the indicated record. *message* shows the inconsistency that was encountered. Depending on the severity of the problem, either individual or groups of BMC IOA records are unavailable for further analysis and reporting.

Severity

04

CKR2142 **Invalid Unit Of Work ID '*unit-of-work-ID*' at source**

Explanation:

A CARLa script includes a unit-of-work ID specification that is not valid.

User response:

Adjust the appropriate CARLa script (see *source*) to supply a valid unit-of-work ID specification. A unit-of-work ID consists of a netname (1 to 8 characters), a dot (.), an LU name (1 to 8 characters), a dot (.), and a 6-byte hex part of 12 characters. The maximum length is 30.

Severity:

12

CKR2143 **Catalog entries disagree on volume chain for file *volser data-set-name* volume *vol2***

Explanation

There is a conflict in the non-VSAM tape catalog entries regarding the names and order of data sets in the file and volume sequences, in a potentially multi-file and multi-volume tape volume chain. It could be caused by two tape data set catalog entries that show a partially overlapping set of volumes. The catalog entry for this volume is ignored, and the information from another catalog record is used instead. The second volume (*vol2*) is one of the earlier volumes in the volume chain that already exists. It could be the first volume of a conflicting catalog entry or the previous volume, or any volume in between.

Severity:

8

CKR2144 **Probable ownership loop for ID *id* in complex *complex* [*version*]**

Explanation:

An attempt to travel up the group ownership tree still has not ended after 4096 attempts.

User response:

Run VERIFY GROUPTREE (available under AU.V) to find the exact problem and fix the RACF database.

Severity:

20

CKR2145 **Modified jobtag *sys* *jobname* *reader-date* *reader-time* from terminal *oldterminal* to newLU based on SMF 80**

Explanation:

This message is issued in response to SMFCACHE VERBOSE to track when a job tag gets modified because a TSO reconnect changed the current terminal or VTAM LU name.

Severity:

00

CKR2517 **CKFREEZE or code order problem *address*. *cbid* *len* *#sys=n* *#cmplx=n* *#vers=n* - issuing abend 2517 [*len=len* *minimum=min* *field=field*]**

Explanation

This internal error message indicates that the records in the CKFREEZE file were processed in an unsupported order. An optional second line may

indicate field name with a data set name and sometimes a volume serial as well. An optional second line can indicate a field name with a data set name, and sometimes a volume serial as well.

User response

Check the CKFREEZE file (for example, for file transfer errors). Search for the error message number on the [Electronic Support Web site](#).

Severity

24

CKR2533 **No TPF1 found for *dsn volser***

Explanation:

An unexpected condition was encountered for a tape data set name.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2535 **CKAOUSEN.C2ASASU: DICT expected in array but found *cbid resource***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2536 **CKAOUSEN.C2ASASU: DICTREF array length *len* too short in DICT at *address***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2537 **CKAOUSEN.C2ASASU: DICTREF expected but is *address***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2538 **CKAOUSEN.C2ASASU: DICT expected but found *cbid resource***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2539 **C2AXPLA: DICT expected in array but found *address. cbid resource***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2540 **C2AXPLA: DICTREF array length *len* too short in DICT at *address***

Explanation:

An unexpected condition was encountered.

User response:

See the [IBM Support Community](#) for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2541 **C2AXPLA: DICTREF expected but is address**

Explanation:

An unexpected condition was encountered.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

CKR2542 **C2AXPLA: DICT expected in array but found cbid resource**

Explanation:

An unexpected condition was encountered.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you cannot find applicable maintenance, follow the procedures described in [Contacting IBM Support](#) to report the problem.

Severity:

24

C2P1124I **Authorized user user logged on from IP-address**

Explanation

A user with SPECIAL, AUDITOR, OPERATIONS, or ROAUDITOR authorization logged on to TSO from an *IP-address* that is not allowed.

user

The user ID of the user that logged on to the *IP-address*.

IP-address

The IP address from where the *user* logged on.

CKR2543 **DICT address. unexpected array in array**

Explanation:

An unexpected condition was encountered.

User response:

See the IBM Support Community for possible maintenance associated with this message. If you

C2P2124I **Authorized user logonid logged on from IP-address**

Explanation

A *logonid* with a system-level authority (SECURITY, NON-CNCL, or READALL) logged on to TSO from an *IP-address* that is not allowed.

logonid

The logonid of the user that logged on to the *IP-address*.

IP-address

The IP address from where the *logonid* logged on.

