

# SEFM\* - ADASAF SAF Interface Messages

## SAF Return Codes

ADASAF displays an eight-byte code containing various return and reason codes from SAF. This information is shown in a number of messages denoted "sssssss".

The ADASAF return code "sssssss" contains the following structure:

Position	Information Content
Byte: 1	SAF return code
Byte: 2	Function code. ADASAF internal function codes (hex) include: 04                                    Authorize Adabas access 44 or 6C                            Authenticate user
Byte: 3	Return code from security system, for example RACF
Byte: 4	Reason code from security system, for example RACF
Bytes: 5 - 8	SAF reason code

Refer to the IBM manual External Security Interface (RACROUTE) Macro Reference manual for z/OS and z/VM for a thorough explanation of all possible return/reason codes. CA-Top Secret and CA-ACF2 can provide different return code values in some circumstances.

The following message groups are described:

- SAF Interface Messages (SEFM001 - SEFM014)
- Operator Command Messages (SEFM900 - SEFM914)

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## SAF Interface Messages (SEFM001 - SEFM014)

### Overview of Messages

SEFM001 | SEFM008 | SEFM009 | SEFM013 | SEFM014

**SEFM001**     \*sssssss : *user* : *resource*

**Explanation**   The security system determined *user* does not have authorization for *resource*. System return and reason codes are given in the hexadecimal string *sssssss*. This message is displayed when access has been denied to a particular resource.

**SEFM008**                      **\*Adabas security (Vv.r) started**

**Explanation**                      ADASAF startup completed.

**SEFM009**                      **\*Module *module-name* not loaded**

**Explanation**                      ADASAF could not load the specified module.

**Action**                              Ensure that the module is in the STEPLIB and the region size is sufficient.

**SEFM013**                      **\*Less storage acquired than specified**

**Explanation**                      ADASAF was not able to GETMAIN all the storage required to satisfy the buffer size specified in its parameters.

Operation continues.

**Action:**                              Ensure that the region size is sufficient and parameters are appropriate.

**SEFM014**                      **\*No storage could be acquired**

**Explanation**                      ADASAF could obtain no storage at system startup.

Operation has terminated.

**Action:**                              Ensure that the region size is sufficient and system parameters are appropriate.

## Operator Command Messages (SEFM900 - SEFM914)

The following messages are displayed in response to operator commands:

### Overview of Messages

SEFM900 | SEFM901 | SEFM910 | SEFM911 | SEFM913 | SEFM914

**SEFM900**                      **\* Operator issued command: *command***

**Explanation**                      ADASAF received the specified operator command.

**SEFM901 \* SAF server - General statistics (at 034A5000)**

**Explanation** Operator command for general statistics was issued.

SEFM901	* SAF SERVER - GENERAL STATISTICS (AT 034A5000)						
SEFM902	* RESOURCE	CHECK(+VE)	CHECH(-VE)	CHECK	SAVED	OVERWRITES	LEN
SEFM903	* APPLICATION	1	0	0	0	0	8
SEFM903	* ADABAS	0	0	0	0	0	32
SEFM903	* SYSMAIN	0	0	0	0	0	13
SEFM903	* SYSTEM FILE	2	0	0	0	0	24
SEFM903	* PROGRAM	0	0	0	0	0	17
SEFM903	* BROKER	0	0	0	0	0	32
SEFM903	* NET-WORK	0	0	0	0	0	0
SEFM903	* SQL SERVER	0	0	0	0	0	0
SEFM904	* USERS - ACTIVE: 1 FREE: 55 OVEWRITES: 0						

**SEFM910 \*SAF server - list all active users**

**Explanation** Operator issued command to display list of currently active users.

SEFM910	* SAF SERVER - LIST ALL ACTIVE USERS						
SEFM911	* USERID	CHECK(+VE)	CHECH(-VE)	CHECK	SAVED	OVERWRITES	BUFF
SEFM912	* K11079	3	0	0	0	0	0

**SEFM911 \*userid ...**

**Explanation** Operator issued command to display statistics specific to a currently active user.

SEFM911	* NXB	CHECK(+VE)	CHECH(-VE)	CHECK	SAVED	OVERWRITES	BUFF
SEFM912	* APPLICATION	1	0	0	0	0	0
SEFM912	* DBMS CHECK	0	0	0	0	0	0
SEFM912	* SYSMAIN	0	0	0	0	0	0
SEFM912	* SYSTEM FILE	2	0	0	0	0	0
SEFM912	* PROGRAM	0	0	0	0	0	0
SEFM912	* BROKER	0	0	0	0	0	0
SEFM912	* NET-WORK	0	0	0	0	0	0
SEFM912	* SQL SERVER	0	0	0	0	0	0

**SEFM913 \* No active users found in SAF server**

**Explanation** No active users were found in ADASAF.

**SEFM914 \* Requested user *user-id* not found in SAF server**

**Explanation** The requested user was not found in ADASAF.