

BrightStor™ CA-Allocate™ DASD Space and Placement

Messages Guide

5.3 SP 06



Computer Associates™

This documentation and related computer software program (hereinafter referred to as the "Documentation") is for the end user's informational purposes only and is subject to change or withdrawal by Computer Associates International, Inc. ("CA") at any time.

This documentation may not be copied, transferred, reproduced, disclosed or duplicated, in whole or in part, without the prior written consent of CA. This documentation is proprietary information of CA and protected by the copyright laws of the United States and international treaties.

Notwithstanding the foregoing, licensed users may print a reasonable number of copies of this documentation for their own internal use, provided that all CA copyright notices and legends are affixed to each reproduced copy. Only authorized employees, consultants, or agents of the user who are bound by the confidentiality provisions of the license for the software are permitted to have access to such copies.

This right to print copies is limited to the period during which the license for the product remains in full force and effect. Should the license terminate for any reason, it shall be the user's responsibility to return to CA the reproduced copies or to certify to CA that same have been destroyed.

To the extent permitted by applicable law, CA provides this documentation "as is" without warranty of any kind, including without limitation, any implied warranties of merchantability, fitness for a particular purpose or noninfringement. In no event will CA be liable to the end user or any third party for any loss or damage, direct or indirect, from the use of this documentation, including without limitation, lost profits, business interruption, goodwill, or lost data, even if CA is expressly advised of such loss or damage.

The use of any product referenced in this documentation and this documentation is governed by the end user's applicable license agreement.

The manufacturer of this documentation is Computer Associates International, Inc.

Provided with "Restricted Rights" as set forth in 48 C.F.R. Section 12.212, 48 C.F.R. Sections 52.227-19(c)(1) and (2) or DFARS Section 252.227-7013(c)(1)(ii) or applicable successor provisions.

© 2002 Computer Associates International, Inc. (CA)

All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

Message Descriptions

This *Messages Guide* provides instructions for the operation of BrightStor CA-Allocate DASD Space and Placement. To find out more about BrightStor CA-Allocate, see the *Getting Started* and the *User Guide*.

This *Messages Guide* is an alphanumeric listing of the messages. Each message lists the message number, message text, a reason (why was the message produced), and an action (what the user should do to correct it).

The text of each message generated can contain variable values. These values contain information that is useful in determining the exact cause of the problem or situation. The message texts shown in this guide show these variable fields as one repetitive character. To provide uniqueness, when more than one variable is contained in a message, different characters are used. These symbols are then referenced in the message description to indicate what variable data items are being discussed.

Some of the messages 'Action' may include "contact Computer Associates Technical Support" to get help. You can contact Computer Associates Technical Support using our web-based, self-help support system at <http://esupport.ca.com/>. Technical support is available 24 hours a day, seven days a week.

DIM Messages

DIM010I DYNAMIC INSTALLATION OF SVC(026) HOOK

Reason:

Dynamic installation of the Catalog Management interface program has begun. If the installation is successful, SVC26 is changed to point to VAM0002F or V37VSAM as reported in message DIM011I that follows.

DIM011I V37VSAM -HOOK IS INSTALLED AND RESIDENT AT LOC=aaaaaaaa FOR nnK-BYTES.

Reason:

End-of-volume VSAM interface program (V37VSAM) has been successfully installed. VAM0002F points to V37VSAM, which was loaded into storage at address aaaaaaaaa.

DIM011I VAM0002F-HOOK IS INSTALLED AND RESIDENT AT LOC=aaaaaaaa FOR nn-KBYTES.

Reason:

Catalog Management interface program (VAM0002F) has been successfully installed. SVC26 points to VAM0002F, which was loaded into storage at address aaaaaaaaa.

DIM012I PRIMARY-SVC LAYERED AT LOC=aaaaaaaa.

Reason:

Catalog Management interface program reported in preceding message DIM016I has been successfully installed and it gets control at SVC26. The previous address that SVC26 was branching to is aaaaaaaaa. When BrightStor CA-Allocate is finished with its own processing it passes control to the routine found at this address. Also, it puts this address back as the SVC26 address if BrightStor CA-Allocate is ever removed.

DIM013I xxxxxxxx-HOOK LOAD FAILED, RC=xx

Reason:

This message is issued in conjunction with VAM6003.

RC=8 resource failure

DIM016I V37VSAM-HOOK IS ANCHORED AT LOC=aaaaaaaa.

Reason:

End-of-volume VSAM interface program (V37VSAM) has been successfully installed. The address of SVC26 in the SVC table is at aaaaaaaa.

DIM020I DYNAMIC DEINSTALLATION OF SVC(026) HOOK

Reason:

Dynamic deinstallation of the Catalog Management interface program has begun. If deinstallation is successful, SVC26 is changed to point back to its previous value (shown at installation time in message), and the SVC intercept reported by following message DIM021I is removed from memory after an 8-second delay.

DIM021I xxxxxxxx-HOOK IS DETACHED; THE PRIMARY-SVC/ HOOK IS AT LOC=aaaaaaaa.

Reason:

If xxxxxxxx is V37VSAM, End-of-volume VSAM interface is no longer intercepting SVC26. If xxxxxxxx is VAM0002F, Catalog Management interface is no longer intercepting SVC26. SVC26 now gets control at address aaaaaaaa.

DIM022I xxxxxxxx-HOOK WILL BE RETAINED FOR 8 SECONDS SO THAT ACTIVE USERS MIGHT EXIT

Reason:

SVC26 intercept xxxxxxxx, detached as reported in preceding message DIM021I, is being kept in memory for 8 seconds to process any SVC26 requests that are currently in progress. If the intercept were removed with an intercepted request in progress, an 0C4 could occur.

DIM023I xxxxxxxx-HOOK MODULE IS DELETED FROM CSA

Reason:

The waiting period of 8 seconds has completed, and xxxxxxxx has been removed from memory.

DIM024I xxxxxxxx - HOOK IS NOT DELETED, RC=12

Reason:

This message is issued whenever an unsuccessful attempt is made, via a STOP or MODIFY REMOVE request, to deinstall one of BrightStor CA-Allocate's SVC "hooks". Either BrightStor CA-Allocate's (xxxxxxx) had already been deinstalled, or more likely, another program product has installed its own SVC "hook" over BrightStor CA-Allocate's. It is a requirement of MVS that "hooks" be deinstalled in "LIFO" order (Last In, First Out).

DIM025I xxxxxxxx - HOOK IS NOT FOUND, RC=8

Reason:

This message is issued in conjunction with DIM024I. Refer to DIM024I for a complete explanation.

VAM Messages

VAMACSHK VAMACS00 INSTALLED AT ADDRESS = aaaaaaaa, LENGTH = splllll

Reason:

At initial startup the ACS interface is installed at address aaaaaaaa. The storage subpool that the ACS interface is loaded into is sp. The length of the storage area is lllll.

VAMACSHK VAMACS00 ROUTINE INSTALLATION COMPLETE.

Reason:

ACS interface has been successfully installed.

VAMACSHK PAUSING 5 SECONDS BEFORE FREEING VAMACS00 ROUTINE.

Reason:

ACS interface has been detached (unhooked), and is pausing 5 seconds to allow anyone passing through the code to complete before the storage is freed.

VAMACSHK VAMACS00 ROUTINE REMOVAL COMPLETE.

Reason:

ACS interface has been successfully removed.

VAMACS00 <variable information>

Reason:

This is an internal diagnostic message used by Computer Associates Technical Support.

VAMSMS01 <variable information>

Reason:

This is an internal diagnostic message used by Computer Associates Technical Support.

VAMACS94 STORAGE CLASS RETRIEVE FAILED

RETURN CODE = xx

REASON CODE = xx

IEFSSREQ RETURN CODE = xx

Reason:

An error occurred while attempting to retrieve the definition of the new storage class. The Guaranteed Space attribute of the new storage class is not honored.

VAMACS95 CALL TO SMS SUB-SYSTEM FAILED

IEFSSREQ RETURN CODE = xx

Reason:

During a call to the SMS sub-system, an error occurred while attempting to retrieve the Guaranteed Space attribute value. The Guaranteed Space attribute of the new storage class is not honored.

VAMACS96 EXTRACT FAILED. CANNOT DETERMINE AUTHORITY TO DEFINE DATA SET

Reason:

A return code greater than or equal to 8 was received from a RACROUTE EXTRACT request. RACROUTE was attempting to retrieve the resource owner of the data set being allocated. The allocation proceeds.

VAMACS98 ACEE CREATE FAILED. CANNOT DETERMINE AUTHORITY TO DEFINE DATA SET

Reason:

A valid userid and groupid were not available when attempting to create a security ACEE. This can occur when a Started Task is not defined in the RACF Started Task table, and the security system cannot associate a userid and groupid with the Started Task. The allocation proceeds.

VAMACS99 SECURITY PACKAGE NOT INSTALLED. CANNOT DETERMINE AUTHORITY TO DEFINE DATA SET

Reason:

A valid security package (RACF or equivalent) is not installed. Without a valid security package, BrightStor CA-Allocate cannot determine the authority of the requesting user. The allocation of the data set proceeds.

VAMSRV10 Return Codes

Return Code	Meaning
0	SCA Quota Table successfully updated with specified changes
1	Unable to allocate storage for VAMSRV10's Dynamic Storage Area
2	VAMSRV10 not being run/invoked from an APF-authorized program or library
3	Unable to restore caller's AMODE
4	BrightStor CA-Allocate is not installed
5	BrightStor CA-Allocate is installed, but without the Quota Selectable Unit
6	Unable to locate BrightStor CA-Allocate's DTICVT Control Block
7	Register 1 upon entry did not contain pointer to calling parameter list
8	Missing calling parameter list address
9	Invalid address for calling parameter list, VSMLOC RC=xx
10	Zero length for input parameter list
11	Missing QLIM input parameter
12	Non-numeric or zero value (xxx) specified for QLIM
13	Neither ALIM or QWPCT changes explicitly/implicitly requested for existing QGRP
14	Unit specified for QLIM (xxx) not "BY" or "KB" or "MB" or "GB" or "TB"
15	QLIM amount specified exceeds current maximum value for limit
16	Non-numeric value (xxx) specified for QWPCT
17	Length of QWPCT specified > 3
18	QWPCT specified > 100(%)
19	Length of QGRP specified > 50

Return Code	Meaning
20	Have 'lost' the address of the DTICVT control block
21	Missing address of the CSA Quota Table (CQT)
22	CQT attribute check failed
23	Have 'lost' the CQT address
24	VDSQSRCH's RC was zero, but it didn't retrieve the CQTREC address for the existing QGRP
25	Have 'lost' the length of the new QGRP
26	Unable to locate CQTREC for QPFINU parent-quota-group-name
27	Unable to locate QGRP ID number for QPFINU parent-quota-group-name
28	CQTOGRP# value in the CQT is zero
29	Non-zero return code (RC) from VDSQINSQ
30	VDSQINSQ's RC was zero, but it didn't insert the CQTREC for the new QGRP
31	Length of QPIFnU specified > 50
32	Have 'lost' the address of the DTICVT control block
33	BrightStor CA-Allocate has been taken out since this program has started running
34	DTICVT's missing the address of the Quota Common Control Block
35	Unrecoverable logic error in VAMSRV10

VAM0001 <variable information>**Reason:**

This is an internal diagnostic message used by Computer Associates Technical Support.

VAM0000 UNABLE TO LOCATE OR BUILD DTICVT**Reason:**

BrightStor CA-Allocate builds its own communications vector table in SQA to keep track of where BrightStor CA-Allocate code is loaded. This message means that it was unable to obtain the 1024 bytes of SQA storage needed.

Action:

The customer's systems programmer needs to increase the size of SQA.

VAM0001 CANNOT OPEN STEPLIB**Reason:**

A STEPLIB DD statement must be present in the Started Task and the STEPLIB load library must be APF-authorized. If modules have been moved to SYS1.LINKLIB, SYS1.LINKLIB must be APF-authorized and the Started Task must contain the following JCL statement:

```
//STEPLIB DD DISP=SHR,DSN=SYS1.LINKLIB
```

VAM0004 <module 1> CANNOT LOAD <module 2> INTO CSA, RC=x, RSN=x**Reason:**

The Started Task was unable to load into CSA.

Action:

Respond as indicated for the preceding IBM message prefixed with CSV. For message CSV011I reason 0C, increase the REGION. Otherwise, check for an installation error or the wrong STEPLIB in the JCL. If <module 2> was copied outside of SMP/E, be sure that there were no blocks truncated. If running from linklist, try an LLA REFRESH.

VAM0005 CANNOT GET MEMORY FOR YOUR SELECTION ROUTINE, GETMAIN RC = xx**Reason:**

The Started Task was unable to obtain enough storage in extended CSA to hold the Allocation Selection Routine (ASR), and xx is the return code BrightStor CA-Allocate received from the failing GETMAIN. The amount of storage needed is proportional to the number of statements in the ASR.

Action:

The customer's systems programmer needs to expand the size of CSA.

VAM0006 UNKNOWN COMMAND—xxxxxxx

Reason:

The Started Task performs an internal check of commands that it recognizes. This message indicates that the check failed for the command xxxxxxxx.

Action:

Contact Computer Associates Technical Support if this message ever appears.

VAM0007 CA-Allocate ALREADY INSTALLED

Reason:

This message is issued when an attempt is made to install the Started Task with BrightStor CA-Allocate already active in the system.

Action:

The REFRESH option can be used to update the Allocation Selection Routine (ASR) and the storage group table. The REMOVE option can be used to deinstall BrightStor CA-Allocate.

VAM0008 CANNOT GET MEMORY FOR STORAGE GROUP TABLE, GETMAIN RC = xx

Reason:

The Started Task was unable to obtain enough storage in extended CSA to hold the storage group table, and xx is the return code from the failing GETMAIN.

Action:

The amount of storage needed is proportional to the number of records in the storage group table. The customer's systems programmer needs to expand the size of CSA.

VAM0009 CA-Allocate SUCCESSFULLY INSTALLED**Reason:**

This information message is issued after all options specified on the START command have been successfully completed and the allocation interface has been installed into the system. If the option RESIDENT=YES is specified, the install task called VAM goes into a wait state in preparation for operator commands. If RESIDENT=NO is specified, the Started Task terminates, but the allocation interface stays in the system (that is, BrightStor CA-Allocate is still active).

VAM0010 CA-Allocate IS NOT INSTALLED, CANNOT BE REMOVED**Reason:**

The REMOVE option was given to the Started Task, but it is not installed. If errors are detected when BrightStor CA-Allocate is initially started, it is never considered to be installed. Therefore, it cannot be removed. Issue the STOP command instead.

VAM0011 CA-Allocate IS NOT INSTALLED**Reason:**

This is a status message indicating that BrightStor CA-Allocate is not currently controlling allocations. It is issued when the STATUS option is specified for the Started Task and the INSTALL option has not previously been specified.

VAM0012 CA-Allocate IS RUNNING WITH PARAMETERS AS FOLLOWS: (see VAM0366 message)

ALIASLVL = <1 or 2 or 3 or 4>

or

ASRSIZE = <1 or 2 or 3>

Reason:

This is a status message indicating that BrightStor CA-Allocate is currently controlling allocations. It is issued when the STATUS option or the REFRESH option is specified to the Started Task.

VAM0013 CA-Allocate IS NOT INSTALLED, CANNOT BE REFRESHED

Reason:

This message is issued when the REFRESH option is specified for the Started Task but it is not currently active. If errors are detected when BrightStor CA-Allocate is initially started, it is never considered installed. Therefore, it cannot be refreshed. Specify the INSTALL option instead.

VAM0014 CA-Allocate REFRESHED

Reason:

This information message indicates that the command issued with the REFRESH option has completed successfully. This message is followed by message VAM0012.

VAM0015 CANNOT INSTALL PRE-EXIT, VDSUT001 RC= xxx

VAM0015 CANNOT INSTALL POST-EXIT, VDSUT001 RC= xxx

VAM0015 CANNOT DE-INSTALL PRE-EXIT, VDSUT001 RC= xxx

VAM0015 CANNOT DE-INSTALL POST-EXIT, VDSUT001 RC= xxx

Reason:

The Started Task was unable to either install or remove its VAMPRE00 and/or VAMPOST0 hooks at the respective IGGPRE00 and/or IGGPOST0 entry in the CDE chain. This message will be issued for several different reasons; the RC is used to identify the specific place in the code where the message originated.

Action:

During an INSTALL operation, contact Computer Associates Technical Support for assistance.

During a REMOVE operation, BrightStor CA-Allocate will only be attempting to uncouple itself from these intercept points if it is running with PLSOPT94 (Y). The default value is (N). It is safe to leave these programs installed when the rest of the product is removed as they are only active when the rest of the product is installed. If you prefer to run with PLSOPT94 (Y), then you should be aware that this condition occurs when another program that hooks IGGPRE00 and/or IGGPOST0 was installed behind BrightStor CA-Allocate at one or both of those intercept points. BrightStor CA-Allocate uses the LIFO (last-in, first-out) methodology which requires that hooks be removed in REVERSE order from how they were installed.

VAM0016 CANNOT INSTALL PRE/POST EXITS RC= xxx**Reason:**

The Started Task was unable to install its VAMPRE00 and/or VAMPOST0 hooks at the respective IGGPRE00 and/or or IGGPOST0 entry in the CVAF table. This message will be issued for several different reasons, the RC is used to identify the specific place in the code where the message originated.

Action:

In the unlikely event the error should ever occur, contact Computer Associates Technical Support for assistance.

VAM0017 DE-INSTALL WILL COMPLETE IN 5 SECONDS**Reason:**

After receiving the P VAM or F VAM,REMOVE command, the Started Task unhooks from the operating system. It then waits for a few seconds before freeing storage that might still be in use by unfinished requests.

VAM0018 UNABLE TO INSTALL {451/453/454} ALLOCATION HOOK; RC=xx**Reason:**

The Started Task was unable to install BrightStor CA-Allocate in front of common allocation. The ALLOC environment is inactive. The return code RC=xx tells specifically what went wrong.

- RC=28** module IEFW21SD was not found in the link pack area. This can occur if module IEFW21SD can be found in the STEPLIB library for the Started Task.
- RC=32** CSECT IEFAB451/IEFAB453/ IEFAB454 could not be found. This return code can occur if IEFW21SD has been relinked without using the ORDER linkage edit statements that the system generation uses. The CSECTs are at addresses higher than the IEFW21SD entry point expected.

VAM0019 CANNOT REMOVE {451/453/454/DAC02} ALLOCATION {HOOK/CODE}, RC=xx

Reason:

The Started Task was unable to remove BrightStor CA-Allocate from the front of common allocation. The return code RC=xx tells specifically what went wrong.

RC=36 CSECT IEFAB451/IEFAB453/ IEFAB454 in module IEFW21SD doesn't contain the instructions that BrightStor CA-Allocate placed at its beginning. This message is normal if VAM0018 was received at install time.

Action:

For return codes other than 36, contact Computer Associates Technical Support for assistance.

VAM0020 CANNOT GET MEMORY FOR mmmmmmmm

Reason:

The ASR interpreter cannot get enough storage in subpool 230. BrightStor CA-Allocate returns to allocation without processing this request.

Action:

Specify more REGION for the failing job or step.

VAM0021 RESIDENT= <option> MUST BE YES OR NO

Reason:

The RESIDENT= option must be either YES or NO. The default is YES.

VAM0022 CA-Allocate DOES NOT KNOW OPTION=<xxxxxxx>

Reason:

The Started Task was unable to parse the command option given by xxxxxxxx.

Action:

Remember to separate options with commas, not blanks.

VAM0023 CANNOT BUILD STORAGE GROUP TABLE**Reason:**

This message is preceded by messages from VDSBPOOL that explain why the storage group table could not be built.

Action:

Correct the error and specify the REFRESH option to try to load the table again.

VAM0024 <parmfile> OPEN FAILED.

DDNAME =<ddname> ,

MBR=<membername>

Reason:

The Started Task could not open the data set and member specified.

Action:

Check the Started Task PROC for the correct data set name. Try to browse the data set to see that it is usable. The possible values of <parmfile> include:

VDSPROG ASR	QREBUILD ASR
QSCAN ASR	QCONFIG PARM FILE

VAM0025 <parmfile> NOT FOUND. DDNAME =<ddname>, MBR=<membername>**Reason:**

The Started Task cannot find the member specified.

Action:

Check the command options and the QCONFIG file for the correct member name. The possible values of <parmfile> include:

VDSPROG ASR	QREBUILD ASR
QSCAN ASR	QCONFIG PARM FILE

VAM0026 <asname> ASR COMPILE FAILED.DDNAME =<ddname>, MBR=<membername>

Reason:

A syntax error in the Allocation Selection Routine (ASR) has been discovered by the compiler. A utility such as SDSF can be used to browse the SYSPRINT data set of the Started Task to see what caused the syntax error.

Action:

Correct the error and specify the REFRESH option to try to compile the ASR again. If this was the first attempt at INSTALL, INSTALL must be used again rather than REFRESH. The possible values of <asname> include:

VDSPROG QREBUILD QSCAN

VAM0027 STOP COMMAND ACKNOWLEDGED

Reason:

This message is issued after the P VAM command has been given. It is followed by message VAM0017.

VAM0028 ONLY STOP AND MODIFY COMMANDS ARE ACCEPTED

Reason:

Any operator command other than STOP (P) or MODIFY (F)—such as DISPLAY (D)—causes this message to be issued.

VAM0029 MODIFY COMMAND ACKNOWLEDGED

Reason:

This message is issued after the F VAM command has been given. It is followed by other messages indicating the action(s) taken by the Started Task.

VAM0030 UNABLE TO SELECT A VOLUME FOR UNIT <xxxxxxxx>**Reason:**

During volume selection BrightStor CA-Allocate checks the validity of the unit name that was specified by the user or with a SET &UNIT= statement. If the unit name cannot be found, or it is a unit address such as 1A0, this message is issued. BrightStor CA-Allocate bypasses volume selection for this allocation request. A JCL error is issued when an invalid unit name is detected. The allocation could end normally in the case of the unit address. The user would also have to specify in the JCL the correct permanently mounted volume serial number.

VAM0031 NO UNITS FOUND FOR UNIT NAME <xxxxxxxx>**Reason:**

The unit name specified a generic or esoteric name for which there were no corresponding units. This should not happen.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0032 THE NEGATIVE < variable name > SPECIFIED : <variable value > ... IS INVALID AND THEREFORE UNSUPPORTED**Reason:**

A SET statement tried to assign a negative value to one of the numeric attributes of a data set.

Action:

Only positive integer values may be assigned to numeric data set attribute variables.

VAM0033 CANNOT GET UNITS FOR UNIT NAME <xxxxxxxx>**Reason:**

The unit name specified a generic or esoteric name for which there were no corresponding units. This should not happen.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0034 CANNOT GET OPTIMUM DEVICE—SRM REASON CODE xx

Reason:

BrightStor CA-Allocate issued the DEVALLOC SYSEVENT to have the System Resources Manager pick the best candidate volume for allocation. SRM returned a non zero reason code of xx.

Action:

Look up the code in the System Logic Library to find out what went wrong.

VAM0035 VOL=xxxxxx,GRP=xxxxxxxx,THR=xx,FLG=xx

Reason:

Messages VAM0035 and VAM0036 are always listed together and are issued only when the job or TSO user has a VDSDIAGS DD statement present. They show the results of free-space checking.

VOL= Volume serial that BrightStor CA-Allocate is checking.

GRP= Storage group to which the volume belongs.

THR= Target free-space threshold to be maintained on the volume.

FLG= Hexadecimal values representing the following:

x'80'—B'10000000' This volume is used for the allocation.

x'40'—B'01000000' The threshold would be violated by the primary quantity.

x'20'—B'00100000' Insufficient space. If the request was for contiguous space, no contiguous space could be found for the primary; otherwise, there was not enough space in the five largest free-space extents.

x'10'—B'00010000' Insufficient total free space for the primary.

x'08'—B'00001000'	This volume is unusable for the allocation because the free space on the volume cannot be determined, or the security system does not allow the user to have space on the volume.
x'04'—B'00000100'	The threshold would be violated by the secondary quantity.
x'02'—B'00000010'	Insufficient space. If the request was for contiguous space, no contiguous space could be found for the secondary; otherwise, there was not enough space in the five largest free-space extents.
x'01'—B'00000001'	Insufficient total free space for the secondary.
x'00'—B'00000000'	This volume is a "first choice" one, meaning the free-space threshold would be maintained if both the primary and secondary allocations were made there.

VAM0036 PRI=xxxxx,SEC=xxxxx,FRE=xxxxx,CTG=xxxxx,TOT=xxxxx

Reason:

Messages VAM0035 and VAM0036 are always listed together and issued only when the job or TSO user has a VDSDIAGS DD statement present. They show free-space checking results. All of the quantities listed in message VAM0036 are in tracks if the space type requested is blocks or tracks; otherwise, the value is in cylinders.

PRI= the primary quantity requested.

SEC= the secondary quantity requested.

FRE= the total free space on the volume.

CTG= the largest contiguous free-space extent on the volume if the request was for contiguous space; otherwise, it is the sum of the five largest extents.

TOT= the total number of tracks or cylinders on the volume.

VAM0037 SELECTION OF VOLUME vvvvvv RESULTED IN... DADSM RETURN CODE = xx**Reason:**

BrightStor CA-Allocate received this return code after issuing a DADSM request. vvvvvv is the volume BrightStor CA-Allocate selected for the allocation. Following are the meanings of some return codes:

Code	Meaning
00	Successful completion
04	Duplicate DSN
0C	Permanent I/O error or CVAF error
18	RECLLEN 65535
34	Invalid JFCB or partial DSCB pointer
40	Invalid user label request
80	Insufficient Directory Blocks requested
A4	DOS stacked pack format
A8	RACDEF failed, data set already defined
AC	User not authorized to define data set
B0	Installation Exit RC = 8
B4	Installation Exit RC = 4
B8	RACDEF model not found

**VAM0038 USERID 'uuuuuu' NOT AUTHORIZED TO USE 'VDSBYPAS' DDNAME 'dddddd'
ATTEMPT TO BYPASS THE eeeeeee ENVIRONMENT I-G-N-O-R-E-D****Reason:**

Unauthorized attempt to bypass BrightStor CA-Allocate processing was caught and stopped.

Action:

Either remove the ddddddd DDName from the applicable job step(s) or get authorized to use it.

VAM0039 NO VOLUME SELECTED FOR DSN=<xxxxxxx>**Reason:**

This message is issued when a storage group was assigned to an allocation request but BrightStor CA-Allocate was unable to choose a suitable volume. VAM0039 is followed by a subsequent VAM0039x message(s) to indicate the reason BrightStor CA-Allocate was unable to select a volume. Following are the reasons shown in VAM0039x messages:

Code	Meaning
VAM0039A	Volumes not selected for one or more of the following reasons
VAM0039B	Duplicate DSNAME found on a volume
VAM0039C	Permanent I/O error or CVAF error
VAM0039D	Record length 65535
VAM0039E	Invalid JFCB or partial DSCB pointer
VAM0039F	Invalid user label request
VAM0039G	DOS stacked pack format
VAM0039H	RACDEF failed, data set already defined
VAM0039I	User not authorized to define data set
VAM0039J	Rejected due to IGGPRE00 EXIT RC=8
VAM0039K	Rejected due to IGGPRE00 EXIT RC=4
VAM0039L	RACDEF model not found
VAM0039M	Not enough space for primary allocation
VAM0039N	BrightStor CA-Allocate had no volumes to pick from
VAM0039Q	Define failed for the following : See IDC3009I VSAM catalog return code is '-',# VMDEFRC, Reason code is '-',# VMDEFRE,

BrightStor CA-Allocate normally lets the allocation proceed using the requested volume list. This is the "fail-safe" action. The allocation succeeds in two cases: — a non-specific allocation if there are volumes mounted as STORAGE with sufficient free space, or a specific allocation for a volume that is not included in any storage group.

The FAILIFNOVOLSEL ASR variable can be used to fail the allocation when volume selection is unsuccessful.

Action:

To determine exactly what volumes were evaluated and why none of them were chosen, insert the VDSDIAGS DD statement in the step where the allocation failed to activate special internal diagnostics. Look for messages VAM0035 and VAM0036 that explain BrightStor CA-Allocate actions.

VAM0042 VOLUME SELECTION FAILED. FAILING ALLOCATION.

Reason:

BrightStor CA-Allocate is unable to select a volume for an allocation for the reason(s) specified in the accompanying VAM0039x message(s), and the VDSPROG ASR has explicitly directed BrightStor CA-Allocate to fail the allocation by setting "&FINVS = 'Y'", and, if applicable, "&MVOLSPC = 'F'".

VAM0043 VOLUME SELECTION FAILED. USING ORIGINAL VOLUMES

Reason:

BrightStor CA-Allocate is unable to select a volume for an allocation for the reason(s) specified in the accompanying VAM0039x message(s), and the VDSPROG ASR has implicitly directed BrightStor CA-Allocate to allow MVS to attempt the allocation on the volumes specified in the JCL.

VAM0044 UNABLE TO PICK AN INDEX VOLUME

Reason:

BrightStor CA-Allocate is unable to select a volume for a VSAM index component. See the accompanying VAM0039x messages.

VAM0045 THE PRIOR INSTALL ATTEMPT ABNORMALLY TERMINATED.**VAM0045 ISSUE 'UNLOCK' TO RECOVER.****Reason:**

During startup initialization of the BrightStor CA-Allocate Started Task, BrightStor CA-Allocate discovered that the prior INSTALL attempt was unsuccessful. In most cases, the UNLOCK subcommand is the proper way of recovering from this condition.

Action:

The following is a syntax example of the UNLOCK subcommand:

```
F VAM,UNLOCK
```

Note: 'VAM' is the name of the Started Task or Batch Job that issued the VAM0045 message.

VAM0046 CA-Allocate SHOULD INSTALL NOW**Reason:**

This informational message indicates that the UNLOCK and/or CLEANUP subcommands have successfully completed.

Action:

To redrive the startup process, issue the INSTALL command. The following is a syntax example of the INSTALL command:

```
F VAM,INSTALL
```

Note: 'VAM' is the name of the Started Task or Batch Job that issued the VAM0045 message.

VAM0047 CA-ALLOCATE/QUOTA FEATURE NOT INSTALLED: <xxxxxxx> IMPOSSIBLE**Reason:**

The Started Task was unable to process the command option xxxxxxxx because the Quota Selectable Unit is not installed.

VAM0048 CHANGING THE DSORG OF AN ISAM OR VSAM ALLOCATION IS NOT SUPPORTED

Reason:

A SET statement tried to either change the DSORG of an ISAM or VSAM data set or to change the DSORG of a data set to ISAM or VSAM. Such changes are not supported.

VAM0049 CANNOT UNLOCK

Reason:

UNLOCK is an undocumented command that should only be issued under the direct supervision of Computer Associates Technical Support and in response to VAM0045. This informational message is issued whenever UNLOCK is unable to clean up what it believes to be the remnants of an aborted install.

Action:

If this problem occurs during a startup operation, run the TSOTEST Batch Job before calling Technical Support again. The TSOTEST Batch Job can be found in the Install Library.

If this message was preceded by VAM0009, then an attempt was made to 'UNLOCK' after BrightStor CA-Allocate was successfully installed. No harm was done and BrightStor CA-Allocate should operate as normal.

VAM0050 CONTENTS OF VDSTORGP<member>:

Reason:

This message begins the listing of the storage group table on SYSPRINT. The member name is the one given on the command:

```
SVAM,PARM='STORGP=VDSTORGP'
```

VAM0051 nnnn <variable information>

Reason:

This message lists on SYSPRINT the line number and the text of the storage group definition record or the ASR record that is being loaded by the Started Task.

VAM0052 STORAGE GROUP TABLE SUCCESSFULLY BUILT**Reason:**

This message is issued after the storage group table has been successfully read by the Started Task.

VAM0053 CANNOT OPEN THE <xxxxxxxx> DATA SET**Reason:**

This message shows the DD name of the data set that could not be opened. xxxxxxxx is VDSTORGP. The storage group table library could not be opened.

Action:

Check the VAM procedure for the correct library data set name. Try to browse the data set with ISPF browse.

VAM0054 CANNOT FIND VDSTORGP<member>**Reason:**

This member was specified on the command:

```
S VAM,PARM=STORGP=MEMBER
```

This member was not in the data set pointed to by the VDSTORGP DD name.

Action:

Check the VAM procedure for the correct library name. Try to browse the member with ISPF browse.

VAM0055 STORAGE GROUP TABLE OVERFLOW**Reason:**

More than 10,000 records have been placed in the storage group table. BrightStor CA-Allocate is not installed.

Action:

If possible, use more pattern matching to consolidate entries in the storage group table.

VAM0056 CANNOT GET MEMORY FOR STORAGE GROUP TABLE

Reason:

Insufficient memory was found in subpool 0 to acquire storage for the storage group table.

Action:

Increase the region size parameter on the Started Task.

VAM0057 UNABLE TO INSTALL SVC 26 (CAT MGMT) HOOK RC = xx

Reason:

This message indicates that the Started Task cannot install the Catalog Management interface program (VAM0002F) at SVC26.

Action:

Review the previous DIMxxxI or VAMxxxx messages to get a clearer understanding of the problem. RC=xx is propagated from previous messages.

VAM0058 UNABLE TO REMOVE SVC 26 (CAT MGMT) HOOK RC = xx

Reason:

An unsuccessful attempt was made to bring BrightStor CA-Allocate down. Either it was not running, or another Catalog Management interface (hook) was installed on the system since BrightStor CA-Allocate was brought up.

Action:

If the latter is true the Catalog Management interfaces must be removed in REVERSE order from how they were installed.

VAM0059 ALIASLVL VALUE MUST BE SET TO 1, 2, 3, OR 4

Reason:

The ALIASLVL values specified on the START command was something other than "1, 2, 3, or 4."

Action:

See ALIASLVL= Subcommand in the chapter "Operation" in the *User Guide*.

VAM0060 UNABLE TO INSTALL SVC 32 (DADSM) HOOK RC = xx**Reason:**

The Started Task cannot find the module IGGPRE00 in the link pack area (LPA).

Action:

Contact Computer Associates Technical Support for assistance.

VAM0061 UNABLE TO REMOVE SVC 32 (DADSM) HOOK RC = xx**Reason:**

The Started Task validates that the IGC0003B module that is to be removed from the system is the BrightStor CA-Allocate version of IGC0003B. If it is not, this message is issued and the deinstall cannot complete.

Action:

This condition occurs when another program that hooks in front of IGC0003B was installed after BrightStor CA-Allocate was installed. Programs installed at the IGC0003B interface must be removed in the REVERSE order from how they were installed.

VAM0062 CANNOT FIND VSDAC02 IN STEPLIB**Reason:**

The Started Task must be able to find the load module VSDAC02 in the STEPLIB library. As distributed, the VAM procedure contains the following JCL statement:

```
//STEPLIB DDDISP=SHR,DSN=VAM.LOADLIB
```

Action:

Verify that the STEPLIB library contains VSDAC02.

VAM0063 CANNOT GET MEMORY TO LOAD VDSDAC02 INTO CSA, GETMAIN RC = xx

Reason:

The Started Task cannot get enough storage in subpool 241 to load VDSDAC02, and xx is the return code from the failing GETMAIN. Installation fails.

Action:

The systems programmer can enlarge CSA, or if CSA has been fragmented, an IPL should correct the problem.

VAM0064 <module 1> CANNOT LOAD <module2> INTO CSA, , RC=x RSN=x

Reason:

The Started Task was unable to load <module 2> into CSA.

Action:

Respond as indicated for the preceding IBM message prefixed with CSV. For message CSV011I reason 0C, increase the REGION. Otherwise, check for an installation error or the wrong STEPLIB in the JCL. If <module 2> was copied outside of SMP/E, be sure that there were no blocks truncated. If running from linklist, try an LLA REFRESH.

VAM0065 IGGDADSM+0 TABLE ENTRY DOES NOT POINT TO VDSDAC02 – CANNOT REMOVE

Reason:

The Started Task validates that the IGGDADSM module that is to be removed from the system is the BrightStor CA-Allocate version of IGGDADSM. If it is not, this message is issued and the deinstall cannot complete.

Action:

This condition occurs when another program that hooks in front of IGGDADSM was installed after BrightStor CA-Allocate was installed. Programs installed at the IGGDADSM interface must be removed in the REVERSE order from how they were installed.

VAM0066 BYPASSING "REAL" SVC 32**Reason:**

When the Trace Facility is active, this message is issued whenever BrightStor CA-Allocate intercepts and redirects a SVC 32 allocation on an MVS/XA System.

VAM0067 BYPASSING "REAL" CREATE BRANCH ENTRY**Reason:**

When the Trace Facility is active, this message is issued whenever BrightStor CA-Allocate intercepts and redirects a SVC 32 allocation on an MVS/ESA System.

VAM0068 ASRSIZE VALUE MUST BE SET TO 1, 2, or 3**Reason:**

The ASRSIZE values specified on the START command was something other than 1, 2, or 3.

Action:

Specify the appropriate value and retry.

VAM0069 A PRIOR "REMOVE" OR "STOP" ATTEMPT ABNORMALLY TERMINATED**VAM0069 ISSUE "CLEANUP" TO REMOVE ANY CURRENTLY INSTALLED HOOKS****Reason:**

The BrightStor CA-Allocate Started Task either was cancelled or abended while it was processing either a REMOVE or STOP request. In most cases, the CLEANUP subcommand is the proper way of recovering from this condition.

Action:

The following is a syntax example of the CLEANUP subcommand.

```
F VAM, CLEANUP
```

Note: "VAM" is the name of the Started Task or Batch Job that issued the VAM0069 message.

VAM0070 VAMSSIRT-HOOK WILL BE RETAINED FOR 8 SECONDS SO THAT ACTIVE USERS MIGHT EXIT ITS CODE

Reason:

DFSMSHSM RECALL/RECOVER intercept point, detached as reported in preceding message VAM5028, is being kept in memory for 8 seconds to process any requests that are currently in progress. If the intercept were removed with an intercepted request in progress, an 0C4 could occur.

VAM0100 variable = <xxxxxxxx>

Reason:

When the VDSDIAGS DD statement is present, BrightStor CA-Allocate displays the contents of the Allocation Selection Routine (ASR) variables. The value displayed is the contents before a SET statement is executed.

VAM0101 CANNOT CHANGE UNIT TO <xxxxxxxx>

Reason:

A SET statement tried to assign an invalid unit name to the UNIT variable. Only valid unit names (ones existing in the Eligible Device Table - EDT) may be assigned to the UNIT variable.

VAM0151 PLSOPT: aaa,bbb,ccc

Reason:

This message is issued when BrightStor CA-Allocate is installed, and anytime diagnostics are requested. aaa, bbb, ccc indicate which PLSOPT parameters have been specified as Y.

VAM0200 BAD INSTRUCTION CODE IN PROGRAM

Reason:

The Allocation Selection Routine (ASR) interpreter has detected a pseudo-code instruction that it does not understand. The rest of BrightStor CA-Allocate processing for the current allocation is bypassed. ASR storage in CSA may have been overlaid by an errant program running in key zero.

VAM0201 PROGRAM STACK IS TOO SMALL**Reason:**

The Allocation Selection Routine (ASR) contains an expression that is so complicated that BrightStor CA-Allocate has run out of storage for the intermediate results. The rest of BrightStor CA-Allocate processing for the current allocation is bypassed.

Action:

Try to simplify comparison expressions that have many levels of parentheses.

VAM0202 CANNOT FIND mmm IN STEPLIB**Reason:**

The Started Task must be able to find the load module mmm in the STEPLIB library. The INSTALL operation terminates without installing the product into the operating system. As distribute, the Started Task procedure (VAM) contains the following JCL statement:

```
//STEPLIB DD DISP=SHR,DSN=VAM.LOADLIB
```

Action:

Verify that the STEPLIB library contains load module mmm. If mmm is found missing, then it would be best to resynchronize the STEPLIB with the loadlib built and updated via SMP/E.

VAM0203 CANNOT GET MEMORY TO LOAD mmm (bbb BYTES), GETMAIN RC = xx**Reason:**

The Started Task cannot get enough storage in subpool 241 to load module mmm of length bbb. xx is the return code from the failing GETMAIN. The INSTALL operation terminates without installing the product into the operating system.

Action:

The systems programmer can enlarge CSA, or an IPL may relieve fragmentation in CSA and solve this problem.

VAM0204 <module1> CANNOT LOAD <module2> INTO CSA, RC=x RSN=x

Reason:

The Started Task was unable to load module <module 2> into CSA.

Action:

Respond as indicated for the preceding IBM message prefixed with CSV. For message CSV011I reason 0C, increase the REGION. Otherwise, check for an installation error or the wrong STEPLIB in the JCL. If <module 2> was copied outside of SMP/E, be sure that there were no blocks truncated. If running from linklist, try an LLA REFRESH.

VAM0301 DEFAULT QUOTA GROUP IS MISSING. THIS OPERATION NOT COUNTED

Reason:

The default quota group specified in the DEFAULTQUOTAGROUP operand of the OPTIONS statement in the Quota Configuration File (QCONFIG) is not present in the Quota Table in CSA Memory. As a result, the DADSM operation taking place was not counted and the quota statistics are now inaccurate. This should occur only if something has happened to the Quota Table.

Action:

To recover from this condition, rebuild the Quota Table by issuing the QREBUILD operator command to the Started Task.

VAM0302 PARENT QUOTA GROUP MISSING. QUOTA TABLE INTERNAL ERROR

Reason:

BrightStor CA-Allocate was attempting to traverse the hierarchy of quota groups and could not find the parent of one of them. The Quota Table has an internal error.

Action:

To recover from this condition, rebuild the Quota Table by issuing the QREBUILD operator command to the Started Task.

VAM0303 ASR SPECIFIED QUOTA GROUP EQUAL TO ITS PARENT. PARENT IGNORED**Reason:**

The QUOTA ASR environment specified QPARENTIFNEW equal to QUOTAGROUP for a new quota group. A quota group is not permitted to be its own parent. The new quota group was added to the quota table without a parent.

VAM0304 ATTEMPT TO ADD 11TH QUOTA GROUP IN HIERARCHY DENIED**Reason:**

During a DADSM operation, the QUOTA ASR environment specified a value for QUOTAGROUP that did not exist in the quota table. BrightStor CA-Allocate attempted to establish this new quota group with the parent specified by QPARENTIFNEW and found that the new quota group would be the 11th level in a hierarchy of quota groups. The maximum number of levels is 10. As a result, the new quota group was added to the quota table without a parent.

VAM0306 DEFAULT QUOTA GROUP USED DUE TO ERROR**Reason:**

Due to an error (described in another message), the default quota group name was updated instead of the quota group specified by the variable QUOTAGROUP.

VAM0307 CA-Allocate POST-EXIT CANNOT GET MEMORY**Reason:**

The DADSM post-allocation exit failed in attempting to allocate private memory it needed to run. Subpool 230 of the problem program's address space was full or fragmented.

VAM0309 <xxxxxxx> ESTAE ROUTINE HAS CONTROL**Reason:**

The listed module's (VDSPOST0, VDSPRE00, VDSST451, or VDSQSYNC) abnormal termination exit routine has received control. This is informational only and indicates which module was operating when an abend occurred.

VAM0310 INVALID KEYWORD IN COLUMN nn

Reason:

An error was detected in the Quota Configuration File. BrightStor CA-Allocate was looking for a keyword in the indicated column. What it found there was not a valid keyword.

VAM0311 INVALID VALUE IN COLUMN nn

Reason:

An error was detected in the Quota Configuration File. BrightStor CA-Allocate was looking for a value in the indicated column. What it found there was not a valid value.

VAM0312 nnnnn ERRORS FOUND IN QUOTA CONFIGURATION FILE

Reason:

BrightStor CA-Allocate detected the indicated number of errors in the Quota Configuration File.

VAM0313 NO ERRORS FOUND IN QUOTA CONFIGURATION FILE

Reason:

No errors were detected in the Quota Configuration File.

VAM0314 SYNTAX ERROR IN COLUMN nn

Reason:

A syntax error was detected in the Quota Configuration File at the position indicated.

VAM0315 PARENT QUOTA GROUP NOT PREVIOUSLY DEFINED

Reason:

An error was detected in the Quota Configuration File. The QUOTADEF statement being processed specified a parent quota group that did not already exist in the Quota Table.

VAM0316 DEFAULT QUOTA GROUP CREATE FAILED**Reason:**

When BrightStor CA-Allocate had finished processing all statements in the Quota Configuration File, it found that the default quota group did not exist in the Quota Table. It then failed in an attempt to create the default quota group with default attributes. Quota cannot run without the default quota group to fall back on in some error situations.

Note: The default quota group is specified in the DEFAULTQUOTAGROUP keyword of the OPTIONS statement or it defaults to the value 'DEFAULT QUOTA GROUP'.

VAM0317 INVALID STATEMENT IN COLUMN nn**Reason:**

An error was detected in the Quota Configuration File. BrightStor CA-Allocate was looking for a valid statement in the indicated column. What it found there was not a valid statement.

VAM0318 QUOTA TABLE INSERT FAILED**Reason:**

BrightStor CA-Allocate was unable to insert a new record in the CSA Quota Table. This is caused by reaching the limit of private or CSA virtual storage.

Action:

Unfortunately, the only way to recover from this error is to "recycle" the Started Task by first bringing BrightStor CA-Allocate down, and then back up.

VAM0319 MORE THAN 10 LEVELS IN QUOTA GROUP HIERARCHY**Reason:**

A QUOTADEF statement attempted to add a new quota group to the Quota Table which would have been the 11th one in a hierarchy of quota groups. There is a maximum of 10 levels in a hierarchy of quota groups.

VAM0320 RECURSION IN QUOTA GROUP HIERARCHY

Reason:

A QUOTADEF statement attempted to add a new quota group to the Quota Table which would have resulted in recursion in a hierarchy of quota groups. Recursion is where one of the parents of a quota group is itself.

VAM0321 DEFAULT QUOTA GROUP UNSPECIFIED -- ASSIGNED TO "DEFAULT QUOTA GROUP"

Reason:

The DEFAULTQUOTAGROUP keyword was not specified in the OPTIONS statement. BrightStor CA-Allocate is defaulting to the default value of the default quota group. This value is 'DEFAULT QUOTA GROUP'.

VAM0322 QUOTA LIMIT CHANGED TO 9,999,999,999,999 (NO LIMIT)

Reason:

The LIMIT keyword of the QUOTADEF statement specified a limit of zero. BrightStor CA-Allocate changed the limit to all nines which results in the quota group having no limit.

VAM0323 QUOTA TABLE INSERT FAILED DUE TO INTERNAL ERROR, CODE=nn.

Reason:

BrightStor CA-Allocate was attempting to insert a new quota group record into the CSA Quota Table (CQT), but was unable to do so. This type of condition is not likely to occur, but if it does, it means some sort of internal error has occurred that the program logic was unable to recover from.

Action:

The short term solution to this problem is to reinitialize the CQT with a QRESET followed by a QREBUILD. If this problem occurs repeatedly then contact Computer Associates Technical Support. Computer Associates Technical Support gets a procedure from the BrightStor CA-Allocate Product Group that produces a DUMP of this problem. The Product Group uses the information in this dump to determine what is causing this problem and makes the appropriate coding changes to resolve it.

VAM0325 QUOTA TABLE HAS GROWN EXCESSIVELY LARGE - MORE THAN 16MB**Reason:**

BrightStor CA-Allocate was attempting to expand the CSA Quota Table (CQT) before adding a new quota group. The expansion failed because of the above error. For performance reasons, the size of the CSA Quota Table is limited to 16MB.

Action:

For assistance in either keeping the CQT's size within 16MB, or for details on how to increase the maximum allowable size, contact Computer Associates Technical Support.

VAM0326 NEW QUOTA GROUP CANNOT BE ADDED**Reason:**

Due to an error indicated by one or more other messages, BrightStor CA-Allocate was unable to add a new quota group record to the CSA quota table.

Action:

Correcting those error(s) should resolve this problem.

VAM0327 CANNOT GET <xxxxxxxx> MEMORY FOR QUOTA TABLE, GETMAIN RC = xx**Reason:**

BrightStor CA-Allocate failed attempting to allocate virtual storage for a quota table, and xx is the return code from the failing GETMAIN. The message indicates whether the needed storage was PRIVATE or in CSA.

Action:

If PRIVATE storage is needed, increase your REGION= parameter and rerun the Started Task .

If CSA storage is needed, then CSA is either full or fragmented. An IPL is probably necessary to resolve this condition. The system may be able to continue running, but CSA storage being full or fragmented likely causes trouble for other applications.

VAM0335 VTOC SCANNER *** IN PROGRESS ***

*** COMPLETED ***

Reason:

This message shows the status of a VTOC scanner.

VAM0336 NNNNN VOLUMES WILL BE SCANNED BY THIS SCANNER

Reason:

The VTOC scanner that just started scans the indicated number of volumes.

VAM0339 QSYNC TASK *** STARTED *** *** ABENDED ***

Reason:

This message indicates the status of a quota table synchronization operation.

VAM0340 QSYNC TASK SLEEP DURATION IS nnnnn SECONDS

Reason:

The QSYNC task sleeps for the indicated number of seconds between synchronizing the Disk and CSA Quota Tables.

VAM0341 QSYNC TASK SUSPENDED

Reason:

The QSYNC task has gone to sleep.

VAM0342 QSYNC TASK RESUMED

Reason:

The QSYNC task awakened to take some action.

VAM0344 QSYNC TASK SHUTDOWN *** IN PROGRESS ***

Reason:

The QSYNC task is shutting down.

**VAM0345 CQT ATTRIBUTE CHECK IN MODULE <program name> FAILED WITH CC=000000x.
QUOTA TABLE LOADED IN CSA IS UNUSABLE. CAN NO LONGER TRACK DADSM
ACTIVITY.**

Reason:

BrightStor CA-Allocate can no longer keep track of DASD allocation statistics because the CSA Quota Table is unusable. This may be caused by initializing a CSA Quota table using a Disk Quota Table (DQT) with improper attributes or by running multiple releases of BrightStor CA-Allocate (with different DQT formats) and inadvertently switching DQTs and/or LOADLIBs on an LPAR after activating BrightStor CA-Allocate. These situations are detected by the QSYNC operation and by any Batch Job whose DADSM activity is being explicitly tracked by BrightStor CA-Allocate.

Action:

When this situation occurs, the following steps must be taken:

1. shutdown BrightStor CA-Allocate
2. insure that the DQT (value of PLSDQTDS parameter in the VKGPARMs member of PARMLIB) was allocated with the proper LRECL, RECFM, and DSORG attributes
3. restart BrightStor CA-Allocate
4. initiate a QREBUILD operation

VAM0346 {QSCAN/QSYNC} INTERNAL LOGIC ERROR

Reason:

The BrightStor CA-Allocate Started Task encountered an unexpected error during a {QSCAN/QSYNC} operation. This type of condition is not likely to occur, but if it does, it means some sort of internal error has occurred that the program logic was unable to recover from.

Action:

The short term solution to this problem is to reinitialize the CQT with a QRESET followed by a QREBUILD. If this problem occurs repeatedly then contact Computer Associates Technical Support. Computer Associates Technical Support gets a procedure from the BrightStor CA-Allocate Product Group that produces a DUMP of this problem. The Product Group uses the information in this dump to determine what is causing this problem and makes the appropriate coding changes to resolve it.

VAM0347 {QSCAN/QSYNC} IS TERMINATING PREMATURELY**Reason:**

A {QSCAN/QSYNC} operation by the BrightStor CA-Allocate Started Task has failed for the reason detailed in the VAM0346 message.

VAM0348 QSYNC TASK REFRESH * IN PROGRESS ********** COMPLETED *******Reason:**

This message indicates the status of a refresh operation in the QSYNC task.

VAM0349 QRESETWM * IN PROGRESS ********** COMPLETE ********** FAILED *******Reason:**

This message indicates the status of a quota reset water mark operation.

VAM0350 QUOTA TABLE SYNCHRONIZATION**VAMSRV10 UPDATED QLIM/QWPCT VALUE(S)****TAKING QLIM/QWPCT VALUES FROM CQT INSTEAD OF DQT******* IN PROGRESS ********** COMPLETE ********** FAILED *******Reason:**

This message indicates the status of a quota table synchronization operation in the QSYNC task.

**VAM0351 INVALID ATTRIBUTES FOR THE DQT. <function> OPERATION ABORTED. USE 'ALLOCDQT' FROM THE INSTALL LIBRARY TO ALLOCATE A DQT WITH THE PROPER ATTRIBUTES.
DQT ATTRIBUTE CHECK IN MODULE <program name> FAILED WITH CC=000000x.**

Reason:

BrightStor CA-Allocate was unable to perform <function> because the Disk Quota Table (value of PLSDQTDS parameter in the VKGPARMS member of PARMLIB) does not have the proper LRECL, DSORG, and/or RECFM attributes. This is detected during the INSTALL, REFRESH, QREBUILD, or QSYNC functions of the Started Task, as well as for any of the batch or online quota reporting functions (e.g., QSTAT, VDSQRPTS).

Action:

When this situation occurs, the following steps must be taken:

1. Cancel the Started Task — to keep BrightStor CA-Allocate running, do not REMOVE or STOP.
2. Allocate a DQT with the proper attributes
3. Insure that the dsname of the new DQT is specified in the PLSDQTDS parameter
4. Restart the Started Task requesting the operation that encountered the invalid DQT (e.g., INSTALL, REFRESH, QREBUILD, or QSYNC)

If this problem is discovered in one of the reporting functions, insure that the DQT being referenced is the one with the proper attributes, and then rerun the report.

VAM0352 PARENT QUOTA GROUP MISSING. INTERNAL QUOTA TABLE ERROR, CODE=nn.

Reason:

This message indicates the status of a refresh operation in the QSYNC task.

VAM0353 CANNOT GET SQA MEMORY FOR QUOTA COMMON AREA, GETMAIN RC = xx**Reason:**

BrightStor CA-Allocate failed to allocate SQA storage for the Quota Common Area, and xx is the return code from the failing GETMAIN. SQA is either full or fragmented.

Action:

An IPL is probably necessary to resolve this condition. Although the system may continue when SQA storage is full or fragmented, other applications probably experience problems.

VAM0354 WAITING FOR QSYNC TO SHUTDOWN**Reason:**

BrightStor CA-Allocate has requested the QSYNC subtask to shut down and is waiting for this to complete.

VAM0355 COULD NOT GET DISK QUOTA TABLE DSNAME. {INSTALL} ABORTED**Reason:**

BrightStor CA-Allocate failed to obtain the data set name of the Disk Quota Table. This error is most likely caused by a missing DD card for DDNAME=DISKQTBL.

VAM0356 DISK QUOTA TABLE DSN=<XXXXXXXXXXXXXXXXXX>**Reason:**

This is the name of the data set BrightStor CA-Allocate uses for the Disk Quota Table.

VAM0357 PARAMETER PROCESSING * IN PROGRESS *******Reason:**

This message indicates that BrightStor CA-Allocate has started processing the parameters: the Pool Table, the Allocation Selection Routines (ASRs), and the Quota Configuration File (QCONFIG).

VAM0358 DISK QUOTA TABLE LOAD FAILED. <function> ABORTED

Reason:

BrightStor CA-Allocate failed to load the Disk Quota Table during an INSTALL, QREBUILD, QSYNC, REFRESH, or REPORT operation. This message is preceded by either a VAM0327 or VAM0351 message.

Action:

To recover from this situation, follow the instructions in the appropriate preceding message.

VAM0359 INVALID PARAMETER(S). {INSTALL/REFRESH} FAILED

Reason:

BrightStor CA-Allocate found at least one error in the supplied parameters. As a result, the INSTALL or REFRESH failed to complete normally.

Action:

Review the messages on SYSPRINT for information about the error(s) found. Correct the error(s) and initiate the operation again.

VAM0360 ALL PARAMETERS ARE SATISFACTORY -- PROCEEDING WITH {INSTALL/REFRESH}

Reason:

No errors were found in the supplied parameters. The INSTALL or REFRESH is proceeding.

VAM0361 QREBUILD TRIGGERED BECAUSE QCONFIG FILE CHANGED THE QUOTA TABLE

Reason:

During an INSTALL or REFRESH operation, BrightStor CA-Allocate found a QRESET or QUOTADEF statement in the Quota Configuration File. This caused BrightStor CA-Allocate to change the Quota Table. As a result, a QREBUILD operation was automatically triggered to rebuild the Quota Table using the new quota group definitions.

VAM0362 OVERWRITE OF DISK QUOTA TABLE FAILED. {INSTALL/REFRESH} CANNOT BE COMPLETED.**Reason:**

During an INSTALL or REFRESH operation, BrightStor CA-Allocate was unsuccessful in overwriting the Disk Quota Table. Under normal circumstances, this error should never occur.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0363 CANNOT REMOVE VAMPRE00 HOOK : RC = xxx**VAM0363 CANNOT REMOVE VAMPOST0 HOOK : RC = xxx****Reason:**

The Started Task validates that either the module hooked at the IGGPRE00 or IGGPOST0 entry in the CVAF table that is to be removed from the system is the BrightStor CA-Allocate VAMPRE00 or VAMPOST0 module. This message will be issued for several different reasons; the RC is used to identify the specific place in the code where the message originated.

Action:

BrightStor CA-Allocate will only be attempting to uncouple itself from these intercept points if it is running with PLSOPT94 (Y). The default value is (N). It's safe to leave these programs installed when the rest of product is removed as they are only active when the rest of the product is installed. If you prefer to run with PLSOPT94 (Y), then you should be aware that this condition occurs when another program that hooks IGGPRE00 and/or IGGPOST0 was installed behind BrightStor CA-Allocate at one or both of those intercept points. BrightStor CA-Allocate uses the LIFO (last-in, first-out) methodology that requires that hooks be removed in REVERSE order from how they were installed.

VAM0364 VDSQSYNC ATTACHED**Reason:**

This message indicates that the QSYNC subtask was successfully attached.

VAM0365 QSYNC TASK HAS TERMINATED**Reason:**

This message indicates that the QSYNC subtask has successfully terminated.

VAM0366 STORGRP = <vdstorgp member name>
PROG = <vdsprog ASR name>
QREBUILD = <qrebuild ASR name>
QSCAN = <qscan ASR name>
QCONFIG = <quota configuration member name>
DISK QUOTA TABLE DSN = <data set name>

Reason:

The listed parameter has the listed value. For example, the following message states that the Quota Configuration File member name is 'QCONFIG1':

VAM0366 QCONFIG = QCONFIG1

VAM0367 CA-Allocate IS RUNNING ACTIVE

Reason:

This message indicates the operating mode of BrightStor CA-Allocate. Normally it operates in ACTIVE mode and all jobs are affected according to rules and parameters. When BrightStor CA-Allocate is run in DORMANT state, only those jobs that contain the #VAMTST# DD card are affected.

VAM0368 REFRESH *** IN PROGRESS ***
VAM0368 REFRESH *** COMPLETED ***
VAM0368 REFRESH *** FAILED ***
VAM0368 PARMREF *** COMPLETED ***
VAM0368 PARMREF *** IN PROGRESS ***
VAM0368 CLEANUP *** IN PROGRESS ***
VAM0368 CLEANUP *** COMPLETED ***

Reason:

This message indicates the status of a CLEANUP, PARMREF, or REFRESH operation.

VAM0369 CA-ALLOCATE NOT INSTALLED, {QREBUILD/QSYNC/REFRESH} IMPOSSIBLE.**Reason:**

This message indicates that a QREBUILD, QSYNC, or REFRESH operation failed because BrightStor CA-Allocate is not installed. Install BrightStor CA-Allocate before attempting this operation again.

VAM0369 CA-ALLOCATE NOT INSTALLED, PARMREF IMPOSSIBLE.**Reason:**

PARMREF can only be done when BrightStor CA-Allocate is already installed. The Started Task has determined that BrightStor CA-Allocate is not installed, so PARMREF cannot be done.

VAM0370 QREBUILD ALREADY IN-PROGRESS. COMMAND REJECTED**Reason:**

This message indicates that a QREBUILD command was rejected by the Started Task because a QREBUILD (Quota Table Rebuild) operation was already in progress.

VAM0372 QREBUILD AND/OR QSCAN ASR PROGRAM IS MISSING**Reason:**

This message indicates that BrightStor CA-Allocate was attempting to do a QREBUILD but found that the QREBUILD or QSCAN ASR programs were missing.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0373 QREBUILD COMMAND CANNOT BE PROCESSED

Reason:

This message indicates that BrightStor CA-Allocate could not process your QREBUILD command.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0377 A TRIGGERED QSYNC IS ALREADY IN-PROGRESS. CANNOT TRIGGER TWO AT ONCE.

Reason:

A QSYNC operation was requested using an operator command to the Started Task. Because such an operation was already in progress, the second QSYNC was denied.

VAM0378 PARM=<xxxxxxxxxx> or ASRSIZE = <1 or 2 or 3>

Reason:

The indicated command or parameter was received by the Started Task and is being processed.

VAM0382 FREEMAIN OF {PRIVATE/CSA} QUOTA TABLE FAILED, RC = xx

Reason:

The Started Task failed to free PRIVATE or CSA storage occupied by an old copy of the Quota Table, and xx is the return code from the failing FREEMAIN.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0383 CA-Allocate HAS BEEN SET TO ACTIVE STATE

Reason:

This message indicates that the BrightStor CA-Allocate operating mode was changed to ACTIVE.

VAM0384 <asrname> ASR COMPILE SUCCESSFUL. DDNAME=<ddname>, MBR=<membername>

Reason:

The indicated Allocation Selection Routine compiled successfully. The possible values of <asrname> include:

VDSPROG QREBUILD QSCAN

VAM0385 CA-Allocate IS ALREADY IN ACTIVE STATE

Reason:

The ACTIVE command was entered via the operator console. BrightStor CA-Allocate was already active when the command was issued.

VAM0389 ALREADY IN DORMANT STATE

Reason:

The DORMANT command was entered via the operator console. BrightStor CA-Allocate was already dormant when the command was issued.

VAM0390 CANNOT CHANGE AVGRECSIZE TO nnnnn

Reason:

ASR processing has attempted to set a value for AVGRECSIZE outside the valid values for the parameter.

Action:

The value specified must be between 1 and 65535.

VAM0391 CANNOT CHANGE AVGRECTYPE TO x

Reason:

The ASR statement is attempting to specify an invalid value of x for AVGRECTYPE, or the AVGREC JCL parameter was not specified.

Action:

Examine specifications for the AVGRECTYPE parameter in the documentation to determine proper values for the AVGRECTYPE parameter.

VAM0392 CATALOG RC = xx, REASON = yyy

Reason:

Return code xx and Reason code yyy (documented in the IBM System Messages manual under IDC3009I) tells specifically what occurred.

VAM0393 POOLSUB ERROR RC= nnnnnnnn VOL= vvvvvvSG= gggggggg POOLTAB@ = aaaaaaaaa

Reason:

This informational message is used by Computer Associates Technical Support in diagnosing problems. It is issued when using the VSDIAGS DD statement while encountering an error processing a "SET &POOLSUB = 'Y'" ASR statement.

VAM0394 NUMPICKD = xx / NUM2PICK = yy: MVOLSPC FAILING ALLOCATION

Reason:

BrightStor CA-Allocate cannot satisfy the request for the appropriate &MVOLSPC setting. xx represents the number of volumes BrightStor CA-Allocate found to select and yy is the number of volumes the allocation requested.

VAM0395 SIOT OR SVA POINTER IS ZERO — CAN'T CONTINUE

Reason:

This message is issued whenever an unsuccessful attempt is made to access the SIOT Control Block associated with an allocation. Typically this condition arises when &variables associated with a data set's DCB attributes (e.g., &LRECL, &BLKSIZE, etc.) are referenced in the SPACE Environment. If BrightStor CA-Allocate is requested to redirect or to pick a volume for this allocation in the ALLOC Environment, it often does not have access to the SIOT in the SPACE Environment.

VAM0396 VAMGETXC ERROR. R15RC = nnnnnnnn,RC = nnnnnnnn, RSN = nnnnnnnn**Reason:**

This message is issued whenever an unsuccessful attempt is made to access any of the &DC_* variables associated with an allocation. Typically this condition arises when no SMS Data Class is associated with the allocation, either by explicitly coding a DATACLAS parameter in the JCL or by setting a DATACLAS Construct in either the SMS ACS Routine or in BrightStor CA-Allocate's ACS Environment. The return and reason codes are documented in any SJF Component Diagnosis & Logic manual.

VAM0397 CA-Allocate IS RUNNING WITH ZERO SECONDARY SUPPORT**VAM0397 CA-Allocate IS RUNNING WITHOUT ZERO SECONDARY SUPPORT****Reason :**

This message indicates the current operating mode of BrightStor CA-Allocate with respect to its [EOV Support for Zero Secondary](#), documented in the chapter "Concepts and Facilities" in the *User Guide*.

VAM0399 SUPLSNV (N) WAS SPECIFIED IN VKGPparms. CA-Allocate ALLOCATION MANAGER WILL NOT BE INSTALLED.**Reason:**

The VKGPparms member of the BrightStor CA-Allocate parmlib contained entry SUPLSNV (N). BrightStor CA-Allocate can not be installed.

Action:

If you wish to install BrightStor CA-Allocate, change the VKGPparms parameter to SUPLSNV (Y).

VAM0400 ALL SELECTABLE UNITS HAVE EXPIRED. CA-Allocate CANNOT BE INSTALLED.

Reason:

The copy of the Started Task that was executing is an evaluation copy, and all selectable units have reached their expiration dates.

Action:

Evaluation sites should contact their Computer Associates marketing representative for assistance.

VAM0401 <xxxxxxxxxxx> WILL BE INSTALLED.

Reason:

The listed selectable unit is installed by the Started Task. The selectable units include Allocation Manager and Quota.

VAM0401 SMS PLUS SELECTABLE UNIT IS ACTIVE.

Reason:

This message is displayed if the SMS Plus selectable unit for BrightStor CA-Vantage Storage Resource Manager is active.

VAM0402 <xxxxxxxxxxx> HAS AN INVALID EXPIRATION DATE AND CANNOT BE INSTALLED. PLEASE CONTACT YOUR MARKETING REPRESENTATIVE FOR ASSISTANCE.

Reason:

The copy of the Started Task that was executing is an evaluation copy, the selectable units have expiration dates.

The expiration date for the listed selectable unit is invalid. This commonly happens when an incorrect expiration date ZAP has been done. This selectable unit cannot be installed. The selectable units include Allocation Manager and Quota.

Action:

Evaluation sites should contact their Computer Associates marketing representative for assistance.

VAM0403 THE SYSTEM CLOCK IS DAMAGED. CA-Allocate CANNOT START.**Reason:**

During startup, the Started Task found that the system clock is damaged. BrightStor CA-Allocate cannot be started on a system with a damaged system clock.

Action:

Contact your MVS technical support staff for assistance.

VAM0404 <xxxxxxxxxx> HAS EXPIRED. PLEASE CONTACT YOUR MARKETING REPRESENTATIVE FOR ASSISTANCE.**Reason:**

The copy of the Started Task that was executing is an evaluation copy, and the selectable units have expiration dates. The expiration date for the listed selectable unit has expired, so it cannot be installed. The selectable units include Allocation Manager and Quota.

Action:

Evaluation sites should contact their Computer Associates marketing representative for assistance.

VAM0405 <xxxxxxxxxx> WILL EXPIRE IN ddd DAYS ON mm/dd/yyyy.**Reason:**

The executing Started Task is an evaluation copy, and the selectable units have expiration dates. The specified selectable unit expires in the number of days and on the date indicated. The selectable units include the Allocation Manager and Quota.

VAM0406 IEFAB454 RETURN CODE IS: nn**Reason:**

If the MVS module IEFAB454 does not get a return code equal to zero, this message displays the return code from IEFAB454.

VAM0407 CA-Allocate ALREADY ALLOCATED DD <ddname>

Reason:

If the MVS module IEFAB454 does not get a return code equal to zero, VDSAB454 checks for previous DD's that BrightStor CA-Allocate has allocated and SCRATCH them. If VDSAB454 finds a DD that has already been allocated by BrightStor CA-Allocate, this message displays its DD NAME in the step in which BrightStor CA-Allocate allocated it.

VAM0408 CA-Allocate WILL NOW SCRATCH DD <ddname>

Reason:

If the MVS module IEFAB454 does not get a return code equal to zero, VDSAB454 checks for previous DD's that BrightStor CA-Allocate has allocated and SCRATCH them. If VDSAB454 finds a DD that has already been allocated by BrightStor CA-Allocate, this message displays its DD NAME in the step in which VDSAB454 SCRATCHs it.

VAM0409 SCRATCH OF DD <ddname> FAILED RC = nnnnnnnn

Reason:

The SCRATCH macro was issued but received a non-zero return code. The return code displayed in this message is register 15 returned by SCRATCH.

VAM0410 SVC99 ERROR FOR XRF MEMBER

Reason:

Module PLSCOMP was unable to dynamically allocate the XRF member or SYSOUT data set. The message should be preceded by a message detailing the SVC 99 failure. If the XRF data set specified in PARMLIB is a PDS, make sure it exists.

VAM0411 ERROR IN CONVERTING LUV TO UNIT

Reason:

To SCRATCH a data set requires the device type. VDSAB454 must convert a look value to a valid UNIT. This message is issued if the conversion utility returns a non-zero return code.

VAM0412 ERROR IN COUNTING UCBS**Reason:**

This message is issued only if the initial call to VDSUT551 to count the number of UCB's in the DEVICE type receives an error. This message should never be issued.

VAM0413 NO UNITS FOUND**Reason:**

This message is issued only if zero UCB's exist in the DEVICE type. This message should never be issued.

VAM0414 UNITS COULD NOT BE FOUND**Reason:**

This message is issued if on the second call to VDSUT551 the return code is non-zero. This message should never be issued.

VAM0415 DID NOT GET DEVICE TYPE**Reason:**

This message is issued if the VOL=SER in the JFCB could not be found among the UCBs for this device. This message should never be issued.

VAM0416 CA-Allocate IS RUNNING DORMANT**Reason:**

This message indicates that the current operating mode of BrightStor CA-Allocate is DORMANT. Normally BrightStor CA-Allocate operates in ACTIVE mode and may act on any job. In the DORMANT state, BrightStor CA-Allocate can act only on those jobs that contain the #VAMTST# DD statement.

VAM0417 SET TO DORMANT STATE**Reason:**

This message indicates that the BrightStor CA-Allocate operating mode was changed to DORMANT.

VAM0418 MAXIMUM CONFIG LENGTH IN CORE

Reason:

The QCONFIG file is copied into core in source form for decompile purposes. The maximum length of this file in core is 1500 lines.

Action:

If you need more than 1500 lines, contact Computer Associates Technical Support for assistance.

VAM0419 START OF DE-COMPILE OF CA-Allocate ASR'S

Reason:

The Dynamic Decompiler has started.

VAM0420 VDSPROG POINTER IS ZERO

Reason:

The VDSPROG ASR pointer is zero, so BrightStor CA-Allocate cannot decompile the ASR.

VAM0421 QSCAN POINTER IS ZERO

Reason:

The QSCAN ASR pointer is zero, so BrightStor CA-Allocate cannot decompile the ASR.

VAM0422 QREBUILD POINTER IS ZERO

Reason:

The QREBUILD ASR pointer is zero, so BrightStor CA-Allocate cannot decompile the ASR.

VAM0423 VDSTORGP POINTER IS ZERO**Reason:**

The VDSTORGP ASR pointer is zero, so BrightStor CA-Allocate cannot decompile the ASR.

VAM0424 QCONFIGP POINTER IS ZERO**Reason:**

The CORE QCONFIG ASR pointer is zero, so BrightStor CA-Allocate cannot decompile the ASR.

VAM0425 END OF DE-COMPILE OF CA-Allocate ASR'S**Reason:**

The Dynamic Decompiler has completed.

VAM0426 DYNAMIC ALLOCATE OF VAMPTR RC = nnnnnnnn**Reason:**

The Dynamic Decompiler could not dynamically allocate a SYSPRINT file because of SVC99 reason code nnnnnnnn.

VAM0427 THE < variable name > VALUE SPECIFIED : < variable value > ... IS INVALID AND THEREFORE UNSUPPORTED**Reason:**

A SET statement tried to assign an invalid value to one of the variables. Variables with restrictions on their values are documented in the section Description of ASR Variables in the chapter "Implementation" in the *User Guide*.

VAM0428 < variable name > CHANGE REQUEST IGNORED. NO REDIRECTION DONE.**Reason:**

A SET statement tried to disable an unit affinity or volume referback specification for a disk data set without having BrightStor CA-Allocate redirect the allocation.

VAM0429 < variable name > VARIABLE CHANGES ARE SUPPORTED ONLY FOR TAPE ALLOCATIONS

Reason:

A SET statement tried to assign a tape-only attribute variable to a disk allocation.

VAM0430 <module 1> CANNOT LOAD <module2> INTO MEMORY, RC=x RSN=x

Reason:

The Started Task was unable to load <module 2> into private memory.

Action:

Respond as indicated for the preceding IBM message prefixed with CSV. For message CSV011I reason 0C, increase the REGION. Otherwise, check for an installation error or the wrong STEPLIB in the JCL. If <module 2> was copied outside of SMP/E, be sure that there were no blocks truncated. If running from linklist, try an LLA REFRESH.

VAM0431 PLSOPTxx IS ACTIVE

Reason:

This message is issued when BrightStor CA-Allocate is installed. xx indicates which PLSOPT parameter was specified with a Y.

VAM0431 MAINT ID xxx HAS BEEN APPLIED

Reason:

This message is issued when BrightStor CA-Allocate is installed. xxx indicates which maintenance ID has been applied.

VAM0432 DSCB ADDR IS ZERO — SETTING ALLOCATION SIZE TO ZERO

Reason:

The data set control blocks indicate that a DSCB is to be used, but a DSCB is not found.

VAM0433 PRIMARY EXENT IS ZERO — SETTING ALLOCATION SIZE TO ZERO

Reason:

This is an informational message indicating that the primary allocation is zero.

VAM0434 UNKNOWN ALLOCATION TYPE

Reason:

This is an informational message indicating that the allocation type is unknown.

VAM0437 BAD FUNCTION CALL

Reason:

VAMSPACE routine was called within an invalid function code.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0438 VOLUME = vvvvvv EITHER OFFLINE OR DOES NOT EXIST

Reason:

Volume vvvvvv cannot be located by the VAMSPACE routine. The volume is either offline or does not exist.

VAM0439 STORGRP = sssssss HAS nnnn VOLUMES

Reason:

STORGRP sssssss consists of nnnn volumes.

VAM0440 VAMSPACE ERROR = nnnn

Reason:

A non-zero return code (nnnn) was received from the VAMSPACE routine.

Action:

See the section LSPACE_RETURN_CODE in the chapter “Implementation” in the *User Guide*.

VAM0441 CANNOT RENAME THIS DATA SET — DSN TOO LONG

Reason:

The current data set cannot be renamed because the current data set name plus the node in the &STOP_NOT_CATLG2_NODE variable is longer than 44 bytes.

VAM0442 CANNOT RENAME THIS DATA SET — NEW NAME ALREADY EXISTS

Reason:

The current data set cannot be renamed because the value specified for the &STOP_NOT_CATLG2 variable would result in a data set name that is already cataloged.

VAM0443 RENAME FAILED — R15 = nnnn

Reason:

A non-zero return code (nnnn) was received from RENAME.

Action:

Refer to the CAMLST RENAME for return code values.

VAM0444 SCRATCH FAILED — R15 = nnnn

Reason:

A non-zero return code (nnnn) was received from SCRATCH.

Action:

Refer to the CAMLST SCRATCH for return code values.

VAM0445 UCBLOOK ERROR — RETCODEU = nnnn**Reason:**

A non-zero return code (nnnn) was received from the IBM UCBLOOK macro.

VAM0446 UCBLOOK ERROR — RSNCODEU = nnnn**Reason:**

A non-zero return code (nnnn) was received from the IBM UCBLOOK macro.

VAM0447 CATLG FAILED, R15 = nnnn**Reason:**

The existing non-SMS-managed data set was renamed in the VTOC, but the CATLG action failed. The catalog return code is set to nnnn.

VAM0448 UNCAT FAILED, R15 = nnnn**Reason:**

The UNCATALOG or SCRATCH function failed.

Action:

Refer to the CAMLST UNCAT for return code values.

VAM0449 STOP_NOT_CATLG2 NOT SUPPORTED FOR TSO ALLOCATIONS**Reason:**

BrightStor CA-Allocate does not support TSO allocations for the STOP NOT CATLGD 2 facility.

Action:

To avoid this message, add the following statement to your ASR:

```
IF &XMODE = TSO THEN EXIT CODE(0)
```

VAM0450 AUTO RESTORE PROCESSING IN PROGRESS

Reason:

A task is waiting for a data set to be restored by the DMSAR function of BrightStor CA-Disk Backup and Restore. If the data set is not restored before the SVC hook is removed, an S0C4 may occur in the waiting task.

VAM0451 CA-Allocate WILL WAIT 30 SECONDS BEFORE DEINSTALL CAN COMPLETE

Reason:

BrightStor CA-Allocate option PLSOPT1 is serializing the SVC hook removal process. A 30 second loop is in control that checks for ENQUEUEES indicating that the SVC hook can be removed without an S0C4.

VAM0452 IF YOU DO NOT WANT TO WAIT THEN CA-Allocate WILL REMOVE AN SVC HOOK WITHOUT FREEING THE EXTENDED CSA

Reason:

The option is available to not wait in the loop, but ECSA storage is not FREEMAINed if this option is selected.

VAM0453 REPLY (C) TO CANCEL THE WAIT

Reason:

This is giving you the option to not wait in the loop.

Action:

Reply "C" to terminate the wait announced by VAM0451. Any other response permits the wait to continue.

VAM0454 VAMDYNMT ERROR = rc

Reason:

Module VAMDYNMT failed with a return code of rc. This is probably due to a storage overlay or a logic error within BrightStor CA-Allocate.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0455 CA-Allocate WILL REMOVE WITHOUT FREEING THE ECSA FOR THE SVC 26 HOOK**Reason:**

This is an informational message indicating that a reply of "C" was received from the Operator's Console to message VAM053. This response forced the BrightStor CA-Allocate Started Task to remove one of its SVC26 intercepts from the operating system without freeing Extended CSA.

VAM0501 GETMAIN FAILED FOR PLUSCB**Reason:**

The GETMAIN for private storage, required for the PLUSCB (Control Block that maps the VKGPparms/PARMDEFS) failed.

Action:

Increase the Region size for the BrightStor CA-Allocate Started Task.

VAM0502 RETRIEVAL FAILED FOR PLUSCB**Reason:**

The BrightStor CA-Vantage Storage Resource Manager service routine that returns the PLUSCB (Control Block that maps the VKGPparms/PARMDEFS) failed.

Action:

Contact Computer Associates Technical Support for assistance.

VAM0503 VDSPROG DD MUST BE DYNAMICALLY ALLOCATED PLEASE REMOVE VDSPROG DD FROM YOUR JCL**Reason:**

The JCL of the BrightStor CA-Allocate Started Task cannot specify ddname VDSPROG. This DD statement must be dynamically allocated. The data set to be allocated to VDSPROG is controlled by the PLSRGDS parameter in the VKGPparms member of PARMLIB.

VAM0504 XRF DD MUST BE DYNAMICALLY ALLOCATED - PLEASE REMOVE XRF DD FROM YOUR JCL

Reason:

The JCL of the BrightStor CA-Allocate Started Task cannot specify ddname XRF. This DD statement must be dynamically allocated. The data set to be allocated to XRF is controlled by the PLSXRFDS parameter in the VKGPARDS member of PARMLIB.

VAM0505 DD = ddname IS ALLOCATED TO DSN = data.set.name

Reason:

This message is issued after a data set has been dynamically allocated the BrightStor CA-Allocate Started Task. The DD name is 'ddname' and the DATA SET name is 'data.set.name'.

VAM0506 ddname ALLOCATION FAILED RC = nnnnnnnn

Reason:

A failure occurred during a dynamic allocation request. The error occurred on DD 'ddname' with SVC 99 error code 'nnnnnnnn'.

VAM0507 ddname DEALLOCATION FAILED RC = nnnnnnnn

Reason:

A failure occurred during a dynamic de-allocation request. The error occurred on DD 'ddname' with SVC 99 error code 'nnnnnnnn'.

VAM0508 TO USE SNC2 FOR NON-SMS-MANAGED DATA SETS — REDIRECT

Reason:

BrightStor CA-Allocate does not support the STOP NOT CATLGD 2 for non-SMS-managed data sets that BrightStor CA-Allocate did not redirect.

Action:

Either avoid using this support for these data sets, or redirect the data set by setting &STORGRP in the ALLOC environment.

VAM0509 ALREADY CATALOGED DATA SET IS SMS MANAGED — UNCATALOG IS NOT A VALID OPTION**Reason:**

The UNCATALOG function can not be performed against an SMS-Managed data set.

Action:

Use either the SCRATCH or RENAME functions for SMS-Managed data sets.

VAM0510 DATA SET ddd HAS BEEN RENAMED TO DATA SET nnn**Reason:**

The RENAME option was used and the original data set name ddd has been changed to nnn.

VAM0511 DATA SET ddd HAS BEEN DELETED FROM vvvvvv**Reason:**

The DELETE option was used and the existing data set was DELETED and UNCATALOGED from volumes vvvvvv.

VAM0512 DATA SET ddd HAS BEEN UNCATALOGED FROM vvvvvv**Reason:**

The UNCATALOG option was used and the existing data set was UNCATALOGED from volumes vvvvvv.

VAM0515 DATA SET ddd IS CATALOGED AND WILL NOW BE RENAMED**Reason:**

The RENAME option was used and the existing data set ddd is renamed.

VAM0516 DATA SET ddd IS CATALOGED AND WILL NOW BE DELETED

Reason:

The DELETE option was used and the existing data set ddd is DELETED and UNCATALOGED.

VAM0517 DATA SET ddd IS CATALOGED AND WILL NOW BE UNCATALOGED

Reason:

The UNCATALOG option was used and the existing data set ddd is UNCATALOGED.

VAM0518 THE CATALOG VOLUME(S) ARE: (vvvvvv vvvvvv)

Reason:

The existing data set is CATALOGED to volume(s) (vvvvvv vvvvvv).

VAM0520 DELETE OF SMS MANAGED DATA SET: ddd FAILED WITH SVC 26 RC = rc

Reason:

After specifying &SNC2 = 'D', the delete of the SMS managed data set failed with rc.

VAM0521 UNABLE TO ALLOCATE A DDNAME FOR DATA SET: ddd

RC = rc S99EERR = nn, S99INFO = 'variable text', S99ERROR = nn, S99EINFO = 'variable text', S99ERSN=nn

Reason:

After specifying &SNC2 = 'D' for an SMS managed data set, the allocation of a DDNAME failed. The error codes come from SVC99RB and SVC99RBX. The data set is not deleted.

VAM0522 UNABLE TO DE-ALLOCATE A DDNAME: ddn RC=rc
S99ERROR=nn, S99INFO='variable text', S99EERR=nn, S99EIFFO='variable text',
S99ERSN=nn

Reason:

After specifying &SNC2='D' for an SMS managed data set, the de-allocation of a DDNAME failed. The error codes originate from SVC99RB and SVC99RBX.

VAM0523 DISK QUOTA TABLE LAST STORED WITH PLSQFACT: (variable text); CURRENT VALUE PLSQFACT: (different variable text)

VAM0523 CSA QUOTA TABLE LAST STORED WITH PLSQFACT: (variable text); CURRENT VALUE PLSQFACT: (different variable text)

VAM0523 DISK QUOTA TABLE LAST STORED WITH PLSKBYTE: (packed decimal numeric value); CURRENT VALUE PLSKBYTE: (different packed decimal numeric value)

VAM0523 CSA QUOTA TABLE LAST STORED WITH PLSKBYTE: (packed decimal numeric value); CURRENT VALUE PLSKBYTE: (different packed decimal numeric value)

Reason:

Conflicting PLSQFACT or PLSKBYTE values are preventing the current operation (INSTALL, REFRESH, QREBUILD, or QSYNC) from completing. When changing values of either PLSKBYTE or PLSQFACT, a QREBUILD needs to be done on the subsequent startup to maintain the validity of the quota statistics.

Action:

To resynchronize the PLSKBYTE and PLSQFACT values with the quota allocation statistics, a QREBUILD is needed.

VAM0524 ONLY 'B' OR 'K' VALID PLSQFACT VALUES; 'variable text' WAS SPECIFIED

Reason:

An invalid PLSQFACT value is preventing the current operation (INSTALL, REFRESH, or QREBUILD) from completing. Resolving these conflicts may necessitate reallocation of the Disk Quota Table.

VAM0524 ONLY '1000' OR '1024' VALID PLSKBYTE VALUES; 'variable numeric value' WAS SPECIFIED

Reason:

An invalid PLSKBYTE value is preventing the current operation (INSTALL, REFRESH, or QREBUILD) from completing. Resolving these conflicts may necessitate reallocation of the Disk Quota Table.

VAM5001 mmmmmmmm DSA {FREEMAIN | GETMAIN} failed

Reason:

An attempt to GETMAIN or FREEMAIN DSA (Dynamic Storage Area) memory failed in module mmmmmmmm.

Action:

Enlarging the region size may prevent this from occurring. However, if you see this message repeatedly, contact Computer Associates Technical Support for assistance.

VAM5002 Deallocation failed

Reason:

An SVC 99 deallocation failed. This occurred during a DFSMShsm RECALL or RECOVER operation for a non-VSAM data set. The data set being deallocated should not be adversely affected by this.

Action:

It is possible for execution to proceed without further incident. However, if you see this message repeatedly, contact Computer Associates Technical Support for assistance.

VAM5003 VAMSMS99 JFCB-to-SVC 99 not supported. Failing this allocation.

VAMSMS99 Absolute DSCB-to-SVC 99 not supported. Failing this allocation.

Reason:

This message is only issued during an HSM RECALL or RECOVER of a non-VSAM data set. Its an internal logic error and generally does not occur.

BrightStor CA-Allocate requires that a model DSCB be available during allocation. These messages indicate that a JFCB or absolute DSCB were available instead. As a result, the allocation could not proceed.

Action:

Contact Computer Associates Technical Support for assistance.

VAM5004 Task abend intercepted and recovered by VAMSSIRT.

Reason:

A task abend occurred in the BrightStor CA-Allocate SMS Subsystem Interface hook routine. The abend was intercepted and recovered. Normal system operation should continue.

VAM5005 Allocation proceeding with CA-Allocate features disabled for DSN=ddd

Reason:

Due to an error described in a preceding message, BrightStor CA-Allocate functionality has been disabled for ddd. The allocation should complete normally.

VAM5006 HSM DIAGNOSTICS TURNED ON

HSM DIAGNOSTICS SHUT OFF

HSMDIAG COMMAND IGNORED BECAUSE 'PLSOPT15 (Y)' HAS NOT BEEN SPECIFIED IN THE ACTIVE PARMLIB

NOHSMDIAG COMMAND IGNORED BECAUSE 'PLSOPT15 (Y)' HAS NOT BEEN SPECIFIED IN THE ACTIVE PARMLIB

Reason:

This informational message indicates execution of the HSMDIAG subcommand to the BrightStor CA-Allocate Started Task. Diagnostic messages issued by BrightStor CA-Allocate from the DFSMShsm address space are now being routed to the JES2 message data set.

HSMDIAG OPTION SET OFF

Reason:

This informational message indicates the successful execution of the NOHSMDIAG subcommand to the BrightStor CA-Allocate Started Task. The DFSMShsm diagnostic messages are not printed.

VAM5008 IEFW21SD.IEFAB4FD found.

Reason:

This informational message indicates the DFSMShsm hook is resident.

VAM5010 STORCLAS=cccccccc unavailable to SMS. Reserved for CA-Allocate. STORCLAS cleared.

VAM5010 STORGRP=ggggggggg unavailable to SMS. Reserved for CA-Allocate. STORCLAS cleared.

Reason:

An attempt was made to use the special reserved BrightStor CA-Allocate STORCLAS and/or STORGRP names for normal SMS processing. These values are only to be used with DFSMShsm RECALLs and RECOVERs. The values were cleared to blanks so that the allocation might complete successfully.

Note: The BrightStor CA-Allocate STORCLAS and STORGRP can be customized using the PLSSC and PLSSG parameters. For more information, please review the parameter descriptions for PLSSC and PLSSG in the section VKGPparms Parameters in the chapter “Implementation” in the *User Guide*.

VAM5011 Unable to locate or build DTICVT**Reason:**

BrightStor CA-Allocate builds its own communications vector table (DTICVT) in SQA to keep track of where BrightStor CA-Allocate code is loaded. This informational message indicates that it was unable to obtain the 1024 bytes of SQA storage required to do the build.

Action:

To correct this problem, increase the size of SQA.

VAM5012 mmmmmmmm loaded into CSA at A=aaa, L=lll**Reason:**

This informational message indicates the address aaa and length lll of module mmmmmmmm in common system storage.

VAM5013 STORCLAS=cccccccc WILL BE USED DURING HSM RECALLS/RECOVERS**VAM5013 STORGRP=ggggggggg WILL BE USED DURING HSM RECALLS/RECOVERS****Reason:**

During DFSMShsm RECALLs and RECOVERs that are managed by BrightStor CA-Allocate, ccccccc and gggggggg is used. These values are reserved for exclusive use of BrightStor CA-Allocate and cannot be used for SMS-managed allocations.

Note: The BrightStor CA-Allocate STORCLAS and STORGRP can be customized using the PLSSC and PLSSG parameters.

VAM5014 mmmmmmmm removed from CSA at A=aaa, L=lll**Reason:**

This informational message indicates that CSA memory occupied by mmmmmmmm was successfully freed. aaa and lll are informational values indicating the address and length for module mmmmmmmm. Thirty seconds after a REFRESH, this message is issued to document the removal of the old version of any ASR program or POOL table recompiled by the REFRESH. This delay assists in avoiding S0C4 abends on active allocations.

VAM5015 Started task is version.....v.r.m
Currently installed hooks are version.....v.r.m

Reason:

This informational message displays the version number of the BrightStor CA-Allocate Started Task and any installed BrightStor CA-Allocate operating system hooks. This check is done to preserve system integrity.

VAM5016 STARTED TASK RELEASE NUMBER DOES NOT MATCH CURRENTLY INSTALLED HOOKS
VAM5016 STARTED TASK PROGRAM TERMINATING...

Reason:

During the initiation step of the Started Task, BrightStor CA-Allocate discovered that its release number and system hooks were of different levels. In order to maintain system integrity, the Started Task terminates without making any changes.

Action:

Correct any installation errors and rerun, using the version of the Started Task matching the version that installed the operating system hooks.

VAM5017 Release number test bypassed due to NORELTEST parm

Reason:

This informational message indicates that the "test" which compares the release numbers of the BrightStor CA-Allocate Started Task and BrightStor CA-Allocate installed operating system hooks was bypassed. This test was bypassed because the NORELTEST parameter was coded on the EXEC JCL statement.

Caution: The purpose of the NORELTEST parameter is to recover from errors. Using it bypasses a system integrity feature. Use this parameter only under the direct supervision of Computer Associates Technical Support.

VAM5018 VAMSSIRT ALREADY INSTALLED

Reason:

The BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) is already installed in the system and you are attempting to install it again.

VAM5019 SMS Subsystem not found. VAMSSIRT will not be installed.

VAM5019 PROCEEDING WITH INSTALL...

Reason:

This informational message indicates that while attempting to satisfy the HSMON subcommand, BrightStor CA-Allocate determined that the SMS Subsystem was not found. The BrightStor CA-Allocate SMS Subsystem Interface hook is not installed.

Installation is proceeding without installing the SMS Subsystem Interface hook module.

VAM5020 mmmmmmmm hooked at nnnnnnnn

VAM5020 mmmmmmmm unhooked from nnnnnnnn

VAM5020 mmmmmmmm already hooked at nnnnnnnn

VAM5020 mmmmmmmm not hooked at nnnnnnnn

Reason:

This informational message indicates status of the operating interface “hooks” for module mmmmmmmm during INSTALL and REMOVE operations.

VAM5021 VAMSSIRT COULD NOT BE LOADED INTO CSA.

VAM5021 CA-Allocate cannot be installed.

Reason:

The LOAD operation for the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) failed. BrightStor CA-Allocate cannot continue and has terminated its installation.

Action:

If VAMSSIRT was not found in linklist, LLA REFRESH may correct the problem. Otherwise, check for installation errors.

VAM5022 SSCVT FOR SMS SUBSTATION AT ddd
VAM5022 SSCVT FOR SMS SUBSTATION AT eee
VAM5022 SMS FUNCTION #1 MODULE AT bbb, VECTOR AT ccc
VAM5022 SMS FUNCTION #2 MODULE AT bbb, VECTOR AT ccc
VAM5022 SMS FUNCTION #3 MODULE AT bbb, VECTOR AT ccc
VAM5022 VAMSSIRT A=aaa, IGDSSIRT A=bbb, Vector A=ccc

Reason:

These informational messages indicate the addresses of several of the system components associated with BrightStor CA-Allocate's dfHSM Support. This information is useful in recovering from any unexpected problems with the (de)installation of BrightStor CA-Allocate's DFHSM "hooks."

VAM5023 mmmmmmmm COULD NOT BE HOOKED AT nnnnnnnn
VAM5023 INSTALL ABORTED

Reason:

This message indicates that module mmmmmmmm could not be hooked at location nnn.

Action:

To recover from this error, run BrightStor CA-Allocate Started Task with the FORCE option. Doing so should remove any operating system modifications which were installed before the time when this error occurred.

If this recovery step fails, contact Computer Associates Technical Support for assistance.

VAM5024 mmmmmmmm HOOKED AT nnn

Reason:

This informational message indicates that module mmmmmmmm has been hooked at location nnn.

VAM5025 VAMSSIRT IS NOT AT TOP OF CHAIN AND CANNOT BE REMOVED**Reason:**

The BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) was not found at the top of the chain of hook modules, so it cannot be removed. This informational message is issued whenever an unsuccessful attempt is made, via a STOP or MODIFY REMOVE request, to deinstall one of BrightStor CA-Allocate's SVC "hooks".

Either VAMSSIRT was already deinstalled, or more likely, another program product has installed its own "hook" over BrightStor CA-Allocate's. It is a requirement of MVS that "hooks" be deinstalled in "LIFO" order (Last In, First Out).

Action:

To complete the REMOVE of BrightStor CA-Allocate from your system, run the BrightStor CA-Allocate Started Task with the FORCE option. The system should continue running normally. An IPL corrects whatever condition caused this error.

VAM5026 VAMSSIRT vector in DTICVT is null.

However, VAMSSIRT is hooked in front of IGDZILLA.IGDSSIRT and will be removed anyway

Reason:

During a REMOVE operation, the vector in the DTICVT was found to be null during a period when BrightStor CA-Allocate's SMS Subsystem Interface hook module was installed.

Even though this indicates an abnormal condition, the hook module is removed anyway. This is an error recovery step and should not cause any negative effects.

VAM5027 VAMSSIRT vector in DTICVT does not point to the same VAMSSIRT that SMS Function #1 does. However, VAMSSIRT is hooked in front of IGDZILLA.IGDSSIRT and will be removed anyway.

Reason:

During a REMOVE operation, the vector in the DTICVT was found to point to a different copy of BrightStor CA-Allocate's SMS Subsystem Interface hook module than that which is currently hooked into the operating system.

Even though this indicates an abnormal condition, the hook module is removed anyway. This is an error recovery step and should not cause any negative effects.

**VAM5028 VAMSSIRT could not be unhooked from front of IGDZILLA.IGDSSIRT
Successfully unhooked VAMSSIRT from IGDZILLA.IGDSSIRT**

Reason:

This message indicates the success or failure of the unhook operation for the SMS Subsystem Interface.

Action:

If this operation fails, rerun the BrightStor CA-Allocate Started Task with the FORCE option to complete the removal of the BrightStor CA-Allocate operating system hooks. An IPL also corrects this condition.

If you continue to experience problems, contact Computer Associates Technical Support for assistance.

VAM5029 DTICVT vector to VAMSSIRT is null. CSA storage cannot be freed.

Reason:

During a REMOVE operation, the vector in the DTICVT to the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) was null, so the CSA storage it occupied is not freed.

VAM5030 DTICVT length of VAMSSIRT is zero. CSA storage cannot be freed.

Reason:

During a REMOVE operation, the length value in the DTICVT for the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) was zero, so the CSA storage it occupied is not freed.

VAM5031 DTICVT VECTOR DOES NOT POINT TO A VALID VAMSSIRT MODULE. CSA STORAGE CANNOT BE FREED.

Reason:

During a REMOVE operation, the vector in the DTICVT to the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) was not pointing to a valid VAMSSIRT module, so the CSA storage it occupied is not freed.

VAM5032 VAMSSIRT HOOK STILL APPEARS TO BE ACTIVE SO IT CAN NOT BE FREED VAMSSIRT WILL NOT BE REMOVED FROM CSA

Reason:

During a REMOVE operation the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) was not successfully unhooked from the operating system, so the CSA storage it occupies cannot safely be freed.

VAM5033 CANNOT FREE VAMSSIRT MEMORY IN CSA AT A=aaa, L=III

Reason:

During a REMOVE operation, an attempt to free CSA memory occupied by the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) failed.

The system continues to operate normally.

VAM5034 VAMSSIRT REMOVED FROM CSA AT A=aaa, L=III

Reason:

This informational message indicates that the memory occupied by the BrightStor CA-Allocate SMS Subsystem Interface hook (VAMSSIRT) has successfully been freed from CSA.

VAM5035 HSM SUPPORT WILL BE INSTALLED

VAM5035 HSM SUPPORT BEING INSTALLED

VAM5035 HSM SUPPORT ACTIVATED

VAM5035 HSM SUPPORT LOGICALLY ENABLED

VAM5035 HSM SUPPORT HAS ALREADY BEEN INSTALLED, BUT IT WILL NOW BE DEACTIVATED

VAM5035 HSM SUPPORT DEACTIVATED

VAM5035 HSM SUPPORT LOGICALLY DISABLED

VAM5035 HSMON COMMAND IGNORED BECAUSE 'PLSOPT15 (Y)' HAS NOT BEEN SPECIFIED IN THE ACTIVE PARMLIB

VAM5035 HSMOFF COMMAND IGNORED BECAUSE 'PLSOPT15 (Y)' HAS NOT BEEN SPECIFIED IN THE ACTIVE PARMLIB

VAM5035 HSM SUPPORT WASN'T INSTALLED EARLIER, WHEN CA-Allocate WAS INSTALLED

VAM5035 CURRENT (Y) VALUE OF PLSOPT15 WILL THEREFORE BE IGNORED

VAM5035 HSM SUPPORT INSTALLED EARLIER, WHEN CA-Allocate WAS BROUGHT UP WITH 'PLSOPT15 (Y)'

VAM5035 CURRENT (N) VALUE OF PLSOPT15 WILL THEREFORE BE IGNORED.

Reason:

These informational messages indicate processing of the HSMON and HSMOFF commands, respectively. HSMON activates and HSMOFF deactivates the HSM redirection feature of BrightStor CA-Allocate.

VAM5036 UNABLE TO DELETE NVR FOR DATA SET dsname, RC=rc**Reason:**

The meaning and values of rc are as follows:

- 4 Unallocate of DD for VVDS failed
- 7 Delete of NVR failed (svc 26)
- 8 Allocate of DD for VVDS failed
- 12 Rename failed
- 16 Rename back to original failed

Action:

When this situation occurs, do the following:

1. Verify the data set was properly recalled
2. Turn on HSMDIAGS and direct diagnostic messages to the DFSMSHSM Job (/F alloctask,HSMDIAG,/f alloctask,diags=dfsmshsm)
3. Contact Computer Associates Technical Support.

VAM5201 PAUSING ..n.. SECONDS FOR ACTIVE APPLICATIONS**Reason:**

This message is issued by the Started Task and indicates that the EOVR routines are being removed from memory. The Started Task waits a few seconds for any task currently being processed by the EOVR routines.

VAM5212 CSA FOR VDSINTRP IS AT A=aaaaaaaa, L=nnnnnnnn INCLUDING PREFIX MODULE VDSINTRP IS LOADED AT aaaaaaaaa WITH LENGTH nnnnnnn**Reason:**

Module VDSINTRP, with a length of nnnnnnnn, has been loaded into CSA at aaaaaaaaa. The module is prefixed by the length and address of the GETMAINED area, which therefore begins 8 bytes before for a length of 8 bytes more than the module length.

VAM5300 EOVS MODULE NOT LOADED
V37IAM01 MODULE NOT LOADED

Reason:

This message is issued by the Started Task in the event that it cannot locate or load the EOVS routines.

VAM5301 EOVS LOGIC ENABLED
EOVS LOGIC DISABLED

Reason:

This message is issued by the Started Task whenever it activates or deactivates EOVS routines.

VAM6002 CANNOT FIND .modulename.csectname..

Reason:

This message is issued by the Started Task in the event that it cannot locate the EOVS routines. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

VAM6003 CANNOT ALLOCATE MEMORY TO LOAD: modulename.csectname..

Reason:

This message is issued by the Started Task when it cannot allocate enough memory to load the EOVS routines. The EOVS routines are disabled.

Action:

See the section System Requirements and Restrictions in the chapter "Introduction" in the *User Guide*.

VAM6004 LOAD FAILURE ATTEMPTING TO LOAD: .modulename.csectname..**Reason:**

This message is issued by the Started Task when it cannot load the EOVRoutines. The EOVRoutines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

VAM6005 mmm NOT LOADED. INSTALL ABORTED.**Reason:**

This message is issued by the Started Task when it is about to install one of its operating system interfaces and cannot find module mmm. BrightStor CA-Allocate INSTALL operation terminates without installing the product into the operating system.

Action:

See if the CLEANUP command will straighten up this unusual and highly unlikely condition. Then retry the INSTALL command. If problem persists, an IPL will be necessary to remove all lingering vestiges of a previously failed INSTALL before BrightStor CA-Allocate can be successfully installed.

VAM6006 mmm Still "HOOKED": CAN NOT REMOVE**VAM6006 mmm Still "HOOKED" in CDE CHAIN: CAN NOT REMOVE****VAM6006 mmm Still "HOOKED" in CVAF TABLE: CAN NOT REMOVE****Reason:**

This message is issued by the Started Task during a REMOVE Operation indicating that it will not delete module mmm because it believes it to be still hooked into its applicable operating system interface.

Action:

BrightStor CA-Allocate's "hooks" are installed LIFO (Last In, First Out). See if the TSOTEST job distributed in the INSTALL library can identify what other OEM product "hooked" behind module mmm. Remove the OEM product. Then see if the CLEANUP will be able to complete the REMOVE operation. If not, then an IPL will be necessary to completely remove all lingering vestiges of a previously failed REMOVE.

VAM7000 LSPACE FAILURE RC(nnnnnnnn) RSN(dddddddd)...

VAM7000 ... OCCURRED ON VOLUME(vvvvvv) UCBNAME(aaaa) UCBTYPE(tttttt)

Reason:

This message will be conditionally issued whenever an LSPACE request against a volume (vvvvvv) fails. CA-Allocate will exclude the volume from its current operation (LSPACE Support of Volume Selection).

The first line contains the return code (nnnnnnnn) and reason (ddddddd) information returned by IBM's LSPACE Service. Additional information may be found in the IBM's LSPACE Service documentation contained in the *DFSMS/MVS DFSMSdfp Advanced Services* manual.

The second line contains information from the UCBVOLI, UCBNAME, and UCBTYP fields of the UCB control block associated with the device that had the LSPACE failure.

Action:

Bring the information in this message to the attention of the person responsible for the hardware.

VAM7100 ... VTOC ENQUEUED; NOT ABLE TO RETRIEVE &DC &MC &SC VARIABLES

Reason:

The attempt to retrieve the &DC, &MC, or &SC variable was not successful due to the VTOC already being enqueued upon during a catalog request. This is a restriction documented in IBM APAR OY59188.

VAN Messages

VAN0830I Configuration Name Not Found In The PARM Field Of The EXEC Statement.

Defaulted To: zzzzzzzz

Reason:

'CONFIG=name' has not been found in the PARM field of the // EXEC Statement for this BrightStor CA-Vantage Storage Resource Manager Task. BrightStor CA-Vantage Storage Resource Manager looks for your configuration setup in the member displayed by zzzzzzzz of PARMLIB.

VAN0831I Inifile: uuuuuuuu Section: xxxxxxxx Keyword: yyyyyyyy Not Found.

Defaulted To: zzzzzzzz

Reason:

The system looked for yyyyyyyy in xxxxxxxx of uuuuuuuu. It was not found, but zzzzzzzz has been provided as a default.

VDS Messages

The following messages are written to SYSPRINT by the Allocation Selection Routine (ASR) compiler. The message immediately follows the text line in error. Compilation stops at the first problem detected.

VDSCOMP COPYBOOK MEMBER NAME LENGTH ERROR

Reason:

The length of a copybook can be from 1 to 8 characters.

COPYBOOK MEMBER NAME NOT A STRING

Reason:

The name of the copybook must be a string. The name must be between single quotation marks.

CURRENT TOKEN IS <XXXXXXXX>

Reason:

This message follows the SYNTAX ERROR message. It shows the last token that was parsed by the compiler before the error was detected. A token can be a word, a number, a string, or a delimiting character.

STACK OVERFLOW — PLEASE SIMPLIFY YOUR PROGRAM

Reason:

The ASRSIZE option of the START or MODIFY command can double or quadruple the amount of space BrightStor CA-Allocate allocates for the Allocation Selection Routine (ASR). See the description of ASRSIZE for more information.

If this error persists, even with ASRSIZE=3, then deeply nested IF statements can cause the compiler to run out of space. Try the EXIT statement to get out early, or set user variables to values that can be tested later in ASR. A FILTLIST can reduce multiple IFs on the same variable.

START OF COMPILE OF <xxxxxxx> ASR**Reason:**

This message indicates the name of the ASR that BrightStor CA-Allocate is currently compiling.

SUCCESSFUL COMPILE OF <xxxxxxx> ASR**Reason:**

This message indicates the name of the ASR that compiled successfully.

SYNTAX ERROR: "," EXPECTED IN SUBSTR BEFORE LAST ARGUMENT**Reason:**

A comma must separate the last expression in a SUBSTR argument list from the other argument(s)—&SUBSTR(3,&HLQ).

SYNTAX ERROR: "=" SIGN EXPECTED**Reason:**

The equal sign (=) must appear in the SET statement after the variable that is to be set.

SYNTAX ERROR: "END" EXPECTED**Reason:**

The current token does not start an executable statement; therefore, the DO statement specified previously must END here.

SYNTAX ERROR: "THEN" EXPECTED**Reason:**

The expression after the IF keyword must be followed by THEN.

SYNTAX ERROR: (EXPECTED

Reason:

The open parenthesis that is required after the INCLUDE or EXCLUDE keyword is not present, or The SUBSTR keyword must be followed by an open parenthesis.

SYNTAX ERROR: (EXPECTED AFTER CODE KEYWORD

Reason:

In an EXIT statement, the CODE keyword was not followed by the required open parenthesis.

SYNTAX ERROR:) EXPECTED

Reason:

The close parenthesis that is required after the INCLUDE or EXCLUDE lists was not present, or an expression that began with an open parenthesis does not end with a close parenthesis, or A subscript expression must end with a close parenthesis.

SYNTAX ERROR:) EXPECTED AFTER EXIT CODE

Reason:

In an EXIT statement, the CODE expression was not followed by the required close parenthesis.

SYNTAX ERROR:) EXPECTED AT END OF SUBSTR ARGUMENT LIST

Reason:

The SUBSTR function argument list must end with a close parenthesis.

SYNTAX ERROR: A STRING LITERAL EXPECTED AFTER "WRITE"

Reason:

The WRITE keyword must be followed by a quoted string.

SYNTAX ERROR: CAN'T SET THIS VARIABLE**Reason:**

BrightStor CA-Allocate does not allow all variables to be SET. The &DSN variable cannot be changed, for example. See Table 4-3 List of Variables, in the *User Guide* for which variables may be targets of the SET statement (input/output variables).

SYNTAX ERROR: CANNOT WRITE A FILTER LIST VARIABLE**Reason:**

The variable name was that of a defined FILTLIST, but the contents of a FILTLIST cannot be displayed in a WRITE statement.

SYNTAX ERROR: DUPLICATE FILTLIST NAME**Reason:**

A FILTLIST with the same name has already been defined.

SYNTAX ERROR: EXIT CODE IS NOT NUMERIC**Reason:**

The expression given for the EXIT CODE is of character type.

SYNTAX ERROR: EXPRESSION AFTER "=" IS NOT NUMERIC**Reason:**

The variable to be set is numeric but the expression following the equal sign (=) is of character type.

SYNTAX ERROR: EXPRESSION BEFORE "OR" IS NOT NUMERIC

SYNTAX ERROR: EXPRESSION AFTER "OR" IS NOT NUMERIC

SYNTAX ERROR: EXPRESSION BEFORE "AND" IS NOT NUMERIC

SYNTAX ERROR: EXPRESSION AFTER "AND" IS NOT NUMERIC

Reason:

When used to compare multiple values, the Boolean operators AND and OR can join only numeric expressions.

```
IF &BLKSIZE = 6320 OR 23440 THEN      <== valid  
IF &HLQ = 'A' OR 'B' THEN              <== not valid.
```

SYNTAX ERROR: EXPRESSION IS NOT CHARACTER TYPE

Reason:

The variable to be set is of character type but the expression is numeric.

SYNTAX ERROR: FIRST ARGUMENT OF SUBSTR IS NOT NUMERIC

Reason:

The first argument of the SUBSTR function must evaluate to a number.

SYNTAX ERROR: IDENTIFIER EXPECTED

Reason:

The token after FILTLIST does not start with an alphabetic character.

SYNTAX ERROR: INTERNAL ERROR: EXPRESSION HAS UNKNOWN TYPE

Reason:

Contact Computer Associates Technical Support for assistance. This message should never appear.

SYNTAX ERROR: LAST ARGUMENT OF SUBSTR IS NOT CHARACTER TYPE

Reason:

The last argument of the SUBSTR function must evaluate to a character type. It is not valid to take the substring of a number.

SYNTAX ERROR: LAST CHARACTER OF VDSEXIT IS NOT 0-9**Reason:**

The CALL keyword must be followed by VDSEXIT?, where the question mark is 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9.

SYNTAX ERROR: MEGABYTE PREFIX IS GREATER THAN 2,097,151**Reason:**

The MB suffix multiplies the number specified by 1024. The resulting number is too large to fit into a 32-bit computer word.

SYNTAX ERROR: MISSING TERM IN EXPRESSION**Reason:**

An operator (such as EQ) is not followed by a literal, a variable, a function such as SUBSTR, or an expression.

SYNTAX ERROR: PATTERN OR STRING EXPECTED**Reason:**

The FILTLIST list element must be a pattern or a string.

SYNTAX ERROR: PROGRAM TOO LARGE**Reason:**

The pseudo-code generated by the compiler exceeds 64k.

SYNTAX ERROR: SECOND ARGUMENT OF SUBSTR IS NOT NUMERIC**Reason:**

The second argument of the SUBSTR function must evaluate to a number.

SYNTAX ERROR: STATEMENT EXPECTED

Reason:

The current token is not one of the keywords that starts a statement—IF, DO, SET, WRITE, EXIT, CALL, FILTLIST.

SYNTAX ERROR: STATEMENT EXPECTED

Reason:

A statement keyword must appear after THEN or ELSE. The FILTLIST statement is not allowed here.

SYNTAX ERROR: STRING EXPECTED FOLLOWING COMMA

Reason:

A string literal followed by a comma signals the continuation of a string list, but the token following the comma was not a string literal. The following is valid:

```
SET &STORGRP='PRIMARY', 'SCRATCH'
```

SYNTAX ERROR: SUBSCRIPT MUST BE NUMERIC

Reason:

A subscript expression must evaluate to a number.

SYNTAX ERROR: TOO MANY CONSTANTS

Reason:

The amount of storage required to hold the strings and numbers in the Allocation Selection Routine (ASR) exceeds 64k.

SYNTAX ERROR: UNDEFINED VARIABLE

Reason:

The current token is not a built-in variable and it has not yet been defined as a FILTLIST. A FILTLIST must be defined before its first use in an expression.

SYNTAX ERROR: UNDEFINED VARIABLE IN WRITE STATEMENT**Reason:**

The current token is not the name of a built-in variable. To show an ampersand (&) in a WRITE statement, code two adjacent ampersands (&&).

SYNTAX ERROR: INTERNAL LOGIC ERROR**Reason:**

Contact Computer Associates Technical Support for assistance. This message should never appear.

SYNTAX ERROR: VARIABLE CANNOT HAVE SUBSCRIPT**Reason:**

A subscript expression is valid only for &DSN, &ACCT_STEP, and &ACCT_JOB. The following would cause generation of this message:

```
IF &USER(3) EQ A THEN ...
```

You may be able to accomplish your goal with the SUBSTR function.

SYNTAX ERROR: VARIABLE NAME EXPECTED**Reason:**

The token following the SET keyword and the ampersand (&) does not start with an alphabetic character.

SYNTAX ERROR: VDSEXIT? EXPECTED AFTER "CALL"**Reason:**

The CALL keyword must be followed by VDSEXIT?, where the question mark is 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9.

**SYNTAX EXPRESSION ON RIGHT SIDE OF RELATION IS NOT NUMERIC
SYNTAX EXPRESSION ON LEFT SIDE OF RELATION IS NOT NUMERIC**

Reason:

One side of a relational expression evaluates to a number but the other side evaluates to a character type.

SYNTAX VARIABLE NAME OR SUBSTR EXPECTED AFTER AMPERSAND

Reason:

The token following an ampersand (&) is not a variable or SUBSTR. To use the ampersand (&) character, two of them (&&) must be entered.

SYNTAX ERROR: VARIABLE EXCEEDS MAXIMUM LENGTH

Reason:

The variable in the SET statement exceeds the maximum allowable length. For the &STORGRP variable this maximum length is 134 characters, including commas.

SYNTAX VARIABLE TO SET DOES NOT BEGIN WITH AN AMPERSAND

Reason:

The name of the variable following the SET keyword must begin with an ampersand (&).

USAGE ERROR: MAXIMUM COPYBOOK CALL

Reason:

The maximum level of COPYBOOKS is 20. The ASR that is being compiled has more than 20 levels of COPYBOOKS.

USAGE ERROR: RECURSIVE COPYBOOK CALL**Reason:**

This message occurs when a COPYBOOK uses another COPYBOOK that has already been used. For example:

VDSPROG contains the following: COPYBOOK 'FILTERS'

FILTERS contains the following: COPYBOOK 'FILTER1'

FILTER1 contains the following: COPYBOOK 'FILTERS'

Action:

Correct the above error by removing COPYBOOK 'FILTERS' from either VDSPROG or FILTER1.

VARIABLE EXCEEDS MAXIMUM LENGTH**Reason:**

The variable in the SET statement exceeds the maximum allowable length. For the &STORGRP variable, this maximum length is 134 characters, including commas.

VDSHSM0x <variable>**Reason:**

These are internal diagnostic messages used by Computer Associates Technical Support.

V37 Messages

V37000I EOVS PROCESSING DSN=...44 byte dsname...
EOV COMPLETED OK
EOV_VSAM PROCESSING DSN=...44 byte dsname...
EOV_VSAM COMPLETED OK
DSN=...44 byte dsname...
EOV BYPASSES VIO DATA SETS
EOV BYPASSES SMS MANAGED DATA SETS
OF OPENED DCB'S >1
PERMANENT UNCATALOGED DATA SET
TCTTIOT(#DEVICES) JFCB(#VOLUMES)
COULD NOT LOCATE THE TCTTIOT
DATA SET ALREADY CATALOGED ON ..volser..
ALTER ..dsname.. ADDVOLUMES=..volser..

Reason:

These are informational diagnostic messages issued by EOVS routines. They appear only when using the special VDSDIAGS DD.

V37001E MISSING TCB POINTER

Reason:

The EOVS routine attempted to process the data set and found that the Open/Close/End-of-Volume work area was missing a valid TCB (task control block) pointer.

V37002E MISSING TIOT POINTER IN OCEWK

Reason:

The EOVS routine attempted to process the data set and found that the Open/Close/End-of-Volume work area was missing a valid TIOT (task input/output table) pointer.

V37003E MISSING JFCB POINTER IN TIOT**Reason:**

The EOVS routine attempted to process the data set and found that the TIOT was missing a valid JFCB (job file control block) pointer.

V37004E CANNOT LOCATE SIOT**Reason:**

The EOVS routine attempted to process the data set and could not find a SWA block (system work area) for the SIOT (step input/output table).

V37006E INVALID UCB POINTER IN TIOT

INVALID UCB ..ucb address...

Reason:

The EOVS routine attempted to process the data set and found that the TIOT (task input/output table) was missing or points to an invalid UCB (unit control block) address.

V37007E CANNOT LOCATE NEW TIOT ENTRY**Reason:**

The EOVS routines were unable to complete processing on the data set because the system did not update the TIOT (task input/output table) with the UCB (unit control block) of the volume allocated by the routines.

V37009E CANNOT LOCATE USER'S DCB

CANNOT LOCATE USER'S DCB VIA OCEWK AT ADDRESS=..ocewk address..

Reason:

The EOVS routine attempted to process the data set and could not locate the caller's DCB (data control block) or found that the OCEWK (Open/Close/End-of-Volume Workarea) was missing a valid DCB pointer.

V37010E TIOT AND JFCB MISMATCHED

Reason:

The EOVRoutines determined that they could not process the data set because the TIOT (task input/output table) and the JFCB (job file control block) were inconsistent with the one located via the data set's UCB.

V37011E INVALID JFCB POINTER IN TIOT

Reason:

The EOVRoutine attempted to process the data set and found that the TIOT (task input/output table) was not pointing to a valid JFCB (job file control block).

V37012E CANNOT LOCATE SIOT ENTRY

Reason:

The EOVRoutine attempted to process the data set and could not locate the SIOT (step input/output table) for the data set. The data set's SIOT is matched against the DSAB (data set association control block) and the DDNAME.

V37013E CANNOT LOCATE TIOT

Reason:

The EOVRoutine attempted to process the data set and found that the OCEWK (Open/Close/End-of-Volume Workarea) was missing a valid TIOT (task input/output table) pointer.

V37014E CANNOT MOVE THE TIOT RETURN CODE=...return code...

Reason:

The EOVRoutine attempted to process the data set and could not successfully move the TIOT (task input/output table) entry in order to make room for an additional volume. The TIOT is probably full.

V37015E CANNOT UPDATE THE TIOT RETURN CODE=...return code...**Reason:**

The EOVRoutine attempted to process the data set and although it was able to move the TIOT(task input/output table) in order to add a volume it could not update the new TIOT entry with the UCB (unit control block) of the allocated volume.

V37016E CANNOT LOAD MODULE=..module name.. CSECT=..csect name..**Reason:**

The EOVRoutine attempted to load a processing module and was unable to do so.

V37017E CANNOT LOCATE THE DSAB**Reason:**

The EOVRoutine attempted to process the data set and found that the OCEWK (Open/Close/End-of-Volume Workarea) was missing a valid DSAB (data set association block) pointer.

V37019E CANNOT COPY THE TCT**Reason:**

The EOVRoutine attempted to process the data set and could not allocate the necessary storage to make a copy of the TCT (timing control table) for the task.

V37020E CANNOT LOCATE THE TCT**Reason:**

The EOVRoutine attempted to process the data set and could not locate the TCT (timing control table) for the task.

V37021E CANNOT UPDATE THE TCT RETURN CODE=..return code..**Reason:**

The EOVRoutine attempted to process the data set and could not update the TCT (timing control table) for the task after adding an additional volume.

V37022E NO TIOT POINTER FOUND IN THE OCEWK AT ADDRESS=...ocewk address..

Reason:

The EOVS routine attempted to process the data set and found that the OCEWK (Open/Close/End-of-Volume Workarea) was missing a valid TIOT (task input/output table) pointer.

V37025E NO OPEN/CLOSE/EOV WORK AREA POINTER

Reason:

The EOVS routine attempted to process the data set and could not locate the OCEWK (Open/Close/End-of-Volume Workarea).

V37026E TOO MANY OPEN DCB's AGAINST THIS DATA SET

Reason:

The EOVS routines only process data sets that have a single opened DCB (data control block). This is typically the case when dealing with output data sets. However, some programs open several separate DCB's against a single DD statement. In this case BrightStor CA-Allocate must exclude the data set from EOVS processing.

V37027I PROGRAM USES EOVS OR ABEND EXLST ON DCB

V37027I ...SEE PI# 601765 AND 601769 IN THE

V37027I ...OPTIONAL MAINTENANCE APPENDIX IN USER'S GUIDE

Reason:

NonVSAM data set not considered eligible for EOVS Recovery.

Action:

If an application program coded an EOVS or ABEND Exit on the DCB it uses to access a data set, this was done for a reason. Recommend consulting with individuals responsible for maintaining the particular application program prior to using any of the features documented in the Optional Maintenance Appendix to get the EOVS Support to disregard these Exits.

V37032E CAN'T ASSIGN SWA FOR JFCBX**Reason:**

The EOVS routine attempted to process the data set and needed to add a JFCB extension (job file control block) in order to allocate an additional volume. However the system was unable to allocate the required SWA block (system work area) for the JFCB extension record.

V37033E CAN'T WRITE SWA FOR JFCBX**Reason:**

The EOVS routine attempted to process the data set and needed to add a JFCB extension (job file control block) in order to allocate an additional volume. The system was able to allocate the required SWA block (system work area) for the JFCB extension record, but it could not update the SWA block with the vol=ser information.

V37034E CAN'T ALLOCATE MEMORY FOR JFCBX**Reason:**

The EOVS routine attempted to process the data set and needed to add a JFCB extension (job file control block) in order to allocate an additional volume. It was not able to allocate memory in order to build a copy of the JFCB extension record.

V37035I VOL=xxxxxx,GRP=xxxxxxx,THR=xx,FLG=xx,**Reason:**

See "[VAM0035](#)".

V37036I PRI=xxxxx,SEC=xxxxx,FRE=xxxxx,CTG=xxxxx,TOT=xxxxx**Reason:**

See "[VAM0036](#)".

V370039 NO VOLUME SELECTED FOR DSN=<xxxxxxx>

Reason:

See "[VAM0039](#)".

V37237I ..ddname.. ALLOCATED TO ..cuu address..

Reason:

This message corresponds to IEF237I and indicates that EOVR routines successfully allocated a unit to the specified DDNAME.

V37285I ..dsname.. {CATALOGED/RECATALOGED}

V37285I VOL SER NOS=..volser.,..volser.. ...

Reason:

Corresponds to IEF285I and indicates that the EOVR routines successfully either cataloged or recataloged the data set after having added an additional volume.

V37287W ..dsname.. NOT {CATLGD/RECTLGD} RC=..return code..

V37287W ..dsname.. NOT {CATLGD/RECTLGD} R0=.. contents of GPR 0...

V37287W ..dsname.. NOT {CATLGD/RECTLGD} R1=.. contents of GPR 1...

V37287W VOL SER NOS=..volser.,..volser.. ...

Reason:

Corresponds to IEF287I and indicates that the EOVR routines could not recatalog the data set after adding an additional volume.

Note: A non-zero return code terminates the EOVR Recovery process and the job step fails with the original out-of-space error condition.

V37301E CANNOT LOCATE CALLING SVRB

Reason:

The EOVR_VSAM routines could not locate the SVRB (service request block) of the calling module that issued SVC 55 (EOVR)

V37302E CANNOT LOCATE CALLING AMB CONTROL BLOCK**Reason:**

The EOVSAM routines could not locate the AMB (access method block) for the VSAM data set.

V37303E INVALID AMB CONTROL BLOCK**Reason:**

The EOVSAM routines determined that the AMB (access method block) for the given VSAM data set is invalid.

V37304E CANNOT LOCATE THE O/C/E WORKAREA**Reason:**

The EOVSAM routines could not locate the OCEWK (Open/Close/End-of-Volume Workarea) at the time that data set ran out of space.

V37305E CANNOT PROCESS, TOO MANY VOLUMES**Reason:**

The EOVSAM routines cannot process this data set since there are already the maximum allowable volumes (255) allocated to it.

V37306E CANNOT LOCATE CALLING TIOT CONTROL BLOCK**Reason:**

The EOVSAM routines attempted to process the data set and found that the TCB (task control block) did not point to a TIOT (task input/output table).

V37307E ALTER ADDVOLUMES FAILED, RETURN CODE=..return code..**Reason:**

The EOVSAM routines attempted to process the data set and were unable to perform the necessary ALTER ADDVOLUMES.

V37308E CANNOT LOCATE CALLING AMBL CONTROL BLOCK

Reason:

The EOVSAM routines determined that the AMBL (access method block list) pointed to by the AMB (access method block) for the given VSAM data set is invalid.

V37309E CANNOT LOCATE CALLING ACB CONTROL BLOCK

Reason:

The EOVSAM routines determined that the ACB (access method control block) pointed to by the AMB (access method block) for the given VSAM data set is invalid.

V37310E INVALID ACB, AMBL DOESN'T POINT AT THE ACB

Reason:

The EOVSAM routines determined that the ACB (access method control block) pointed to by the AMB (access method block) for the given VSAM data set is invalid.

V37311E INVALID ACB, (ACB IS NOT FOR A VSAM DS)

Reason:

The EOVSAM routines determined that the ACB (access method control block) pointed to by the AMB (access method block) for the given VSAM data set is invalid.

V37312E INVALID TIOT POINTER IN CALLING ACB

Reason:

The EOVSAM routines determined that the TIOT (task input/output table) pointed to by the ACB (access method control block) pointed is invalid.

V37313E INVALID CATALOG PARAMETER LIST**Reason:**

The EOVSAM routines determined that the CTGPL (catalog parameter list) issued to locate the next candidate volume is invalid.

V37314E VSAM FAILED TO RECOGNIZE ADDED VOLUME**Reason:**

The EOVSAM routines have successfully added a volume to the data set, but VSAM has refused to allow the volume to be processed.

V37315E LISTCAT FOR COMPONENT FAILED RETURN CODE=..return code..**Reason:**

The EOVSAM routines attempted to issue a LISTCAT for component information in order to call the ASR. VSAM was unable to provide the necessary information.

V37316E ALTER ADDVOLUMES FAILED RETURN CODE=..return code..**Reason:**

The EOVSAM routines issue an ALTER ADDVOLUMES in order to add a volume to the data set, but VSAM has rejected the request.

V37317E CANNOT GET CATALOG INFORMATION RETURN CODE=..return code..**Reason:**

The EOVSAM routines were unable to obtain the necessary information from the catalog in order to call the ASR.

V37318E CANNOT DETERMINE FILE CHARACTERISTICS RETURN CODE=..return code..**Reason:**

The EOVSAM routines could not determine which VSAM component (DATA or INDEX) has failed.

V37401E CANNOT FIND CSECT TARGET

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine could not locate the required IBM module. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37402E INVALID ADDRESS FOR THIS

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine determined that the required IBM module is not in a valid storage location. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37404E INSTALL DATA HAS CHANGED

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine could not remove the EOVS modules since another module has been installed over the routines. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37405E FAILED TO INSTALL CORRECTLY

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine could not correctly install the EOVS modules. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37406E UNABLE TO LOAD

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine could not correctly install the given EOVS modules. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37407E INSTALL NOT APPLIED FOR

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOVS installation routine could not correctly install the given EOVS modules. The EOVS routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37408E INSTALL ALREADY APPLIED

MODULE=..modulename.. CSECT=..csectname..

Reason:

The EOV installation routine could not correctly install the given EOV modules. The EOV routines are disabled.

Action:

Contact Computer Associates Technical Support for assistance.

V37678I ..dsname.. VOL=..volser.. RC=..return code.. CVSTAT=..status.. R15=..value..

Reason:

This is an informational diagnostic message issued by EOV routines and only appears when using the special VDSDIAGS DD. The message indicates the status of a volume (e.g., free DSCBs, duplicate data sets, etc) when performing volume selection.

V37900E ABENDING DUE TO ERRORS

Reason:

This message is issued with message V37924E when EOV routines encounter some unexpected error condition.

Action:

This information should be reported to Computer Associates Technical Support.

V37924E ...Control-block-name... AT ADDRESS=...hex address...

Reason:

This message is accompanied by message V37900E when EOV routines encounter some unexpected error condition at the indicated offset. The program prints the name and address of various control blocks.

Action:

This information should be provided to Computer Associates Technical Support when you report this error condition.