Service	Description	Type
LU05198	RETENTION ENHANCEMENT: MAXRETPD WHILECAT, AND GDG KEYWORDS	PTF
LU05200	NEW RETENTION UPDATES AND NEW SCRALL OPTION	PTF
	The CA RS 2205 service count for this release is 2	

CA 1 Tape Management
CA RS 2205 Service List for CAL0E00

FMID	Service	Description	Type
CAL0E00	LU05200	NEW RETENTION UPDATES AND NEW SCRALL OPTION	PTF

The CA RS 2205 service count for this FMID is 1

FMID	Service	Description	Type
CBAFE00	LU05198	RETENTION ENHANCEMENT: MAXRETPD WHILECAT, AND GDG KEYWORDS	PTF
The CA RS 2205 service count for this FMID is 1			

Service	Details
LU05198	LU05198 M.C.S. ENTRIES = ++PTF (LU05198) RETENTION ENHANCEMENT: MAXRETPD WHILECAT, AND GDG KEYWORDS ENHANCEMENT DESCRIPTION: This enhancement is part of the CA 1 retention rules ehancement to add the new keywords WHILECAT MAXRETPD and GDG (P14645). As a result of that enhancement, changes had to be made to the CTSRLP utility to list the active retention rules in the Tape Management Retention Table. SYMPTOMS: The following return codes can come from running the CTSRLP utility. A RC=0 means that CTSRLP ran successfully. A RC=4 means that there were no RDS entries to be printed. A RC=12 means that there was an internal issue opening the date macro. IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA COMMON TAPE FUNCTIONS Version 14.0 Related Problem: CM-$F 14858 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00084-BAF140 DESC(RETENTION ENHANCEMENT: MAXRETPD WHILECAT, AND GDG KEYWORDS). ++VER (Z038) FMID (CBAFE00) PRE (LU01269 SO01325 SO07914 SO08504) SUP (LT00476 LT01749 LT02462 LT03148 LT03181 LT03587 LT04744 LT05198 LU00476 LU03148 LU03181 RO91301 SO00375 SO06465 SO11771 ST00375 ST06465 ST11771 TR91301) ++HOLD (LU05198) SYSTEM FMID(CBAFE00) REASON (DOC) DATE (22080) COMMENT (+---+ | COMMON TAPE Version 14.0 | +---+ *************************** * PUBLICATION * *************************** In the Utilties and Reports chapter, add the CTSRLP Utility to the list of CA 1 Utilities with the title being a link to the CTSRLP Utility documentation. Then add a new CTSRLP section to the Utilities and Reports chapter called CTSRLP Utility - Print Active Retention Rules in the Tape Management Retention Table. Then describe the report as the following: Running the CTSRLP batch utility will produce the "Tape Management Table for CA-Support" report, which displays the active retention rules in the memory resident retention table. Then have the following sections: Job Control Statments: The sample JCL to execute the CTSRLP program follows: //stepname EXEC PGM=CTSRLP

Service	Details
	`//SYSPRINT   DD     SYSOUT=*`
	SYSPRINT Report:
	Show an example of the report.
	Field definitions:
	DSN MASK
	Data set name mask defined in the rules table.
	JOB MASK
	Job mask defined in the rules table.
	RETENTION DATA
	Retention period specified in the rules table. This includes
	LABEL=RETPD=xxx and ABEND=RETPD=xxx keywords.
	W-CAT (WHILECAT OR WHILE CATALOG)
	List if the WHILECAT keyword was specified on a rule.
	GDG
	List if the GDG keyword was specified on a rule.
	MAX-R (MAXRETPD)
	List if and what MAXRETPD is specified on a rule.
	Return Codes:
	0 - CTSRLP ran successfully.
	4 - No RDS entries
	12 - Problem opening the date macro.
	Also in the Utilities and Reports chapter, in the CA Copycat Utility - Copy Files section, add a note to the OUTDISP and OUTDISP2 control statements saying the following:
	Note:
	IF you are trying to copy files that have MAXRETPD applied and you wish to retain the MAXRETPD, you must code OUTDISP=SAME. If anything else is specified for OUTDISP, MAXRETPD will not be copied over. If you want to retain MAXRETPD and set OUTDISP to anything else, you will need to reapply MAXRETPD using TMSEXPDT processing.
	Note:
	IF you are trying to copy files that have MAXRETPD applied and you wish to retain the MAXRETPD, you must code OUTDISP2=SAME. If anything else is specified for OUTDISP2, MAXRETPD will not be copied over. If you want to retain MAXRETPD and set OUTDISP2 to anything else, you will need to reapply MAXRETPD using TMSEXPDT processing.
	Then add a note for the PREFIX and PREFIX2 control statements:
	NOTE:
	If you are trying to copy files that have a MAXRETPD applied and you wish to retain the MAXRETPD, you cannot specify PREFIX in the control statement and still retain the MAXRETPD.
	If you need to use the PREFIX control statement and you want to retain the MAXRETPD, you can reapply MAXRETPD using TMSEXPDT processing.
	NOTE:
	If you are trying to copy files that have a MAXRETPD applied and you wish to retain the MAXRETPD, you cannot specify PREFIX2 in the control statement and still retain the MAXRETPD.
	If you need to use the PREFIX2 control statement and you want to retain the MAXRETPD, you can reapply MAXRETPD using TMSEXPDT processing.
	).
	++HOLD (LU05198) SYSTEM FMID(CBAFE00)
	REASON (DYNACT) DATE (22080)

Service	Details
| | ```
COMMENT (

+----------------------------------------------------------------------+
|     COMMON TAPE                                  Version 14.0    |
+----------+-----------------------------------------------------------+
|SEQUENCE  | AFTER APPLY                                              |
+----------+-----------------------------------------------------------+
|PURPOSE   | TO ACTIVATE THE CHANGE WITHOUT AN IPL.                   |
+----------+-----------------------------------------------------------+
|USERS     | ALL USERS.                                               |
|AFFECTED  |                                                          |
+----------+-----------------------------------------------------------+
|KNOWLEDGE | HOW TO MODIFY AND SUBMIT THE CAIRIM PROCESS.             |
|REQUIRED  |                                                          |
+----------+-----------------------------------------------------------+
|ACCESS    | ABILITY TO SUBMIT CAIRIM WITH THE MODIFIED CONTROL      |
|REQUIRED  | STATEMENTS.                                              |
+----------+-----------------------------------------------------------+
*************************
* STEPS    TO    PERFORM *
*************************
THESE INSTRUCTIONS PERTAIN TO CA 1 CLIENTS ONLY. NOTHING IS NEEDED
FOR CA TLMS CLIENTS.
FOR CA 1 CLIENTS - MODIFY THE CAIRIM CONTROL STATEMENTS AS FOLLOWS;
PRODUCT(CA-1/MVS) VERSION(L0E0) INIT(L0E0INIT) -
PARM(REINIT,LPA=CTSRLS) LOADLIB(YOUR 14.0 CTAPLINK)
).
``` |

Service	Details
LU05200	LU05200 M.C.S. ENTRIES = ++PTF (LU05200) NEW RETENTION UPDATES AND NEW SCRALL OPTION ENHANCEMENT DESCRIPTION: NOTE: This is a significant enhancement to retention processing. It is strongly recommended that the entire Cover Letter and DOC-HOLD be read prior to using the new option or new Retention keywords. This enhancement adds a new option called SCRALL to the TMOOPTxx member and removes 5 options (KEYTAP, WRKFLS, QSAMBF, DCHG and TCHG). This new SCRALL option (default is YES) indicates if a volume should be scratched when the volume-record (file-1) is expired (YES) or only if ALL secondary files are also expired (SCRALL set to NO). Also, changes to the RDS are included in this enhancement. The changes to RDS (both when executed via TMSEXPDT and when used by real-time retention) include three new optional parameters: WHILECAT=YES, MAXRETPD=NNNNN and GDG=YES/NO. This enhancement also includes the ability to specify RETPD=JCL instead of a numeric value. The WHILECAT indicates that in addition to the retention specified for the DSN/JOB/MgmtClass the file should also be retained until it is un-cataloged. The WHILECAT=YES control statement can be added to any existing RDS rule that specifies a non-keyword EXPDT value, any RETPD value, as well as any CYCLE-control or LDATE-control keywords. The RETPD=JCL control statement indicates that for that specific file the JCL-supplied EXPDT/RETPD value (or the default RP value if nothing was specified in the JCL) obtained during OPEN processing should be processing should be kept. The MAXRETPD keyword will allow clients to specify a maximum retention period for any RDS rule. If the MAXRETPD is met before the expiration date, the tape will scratch before the EXPDT value is met. If the EXPDT value is met before the specified MAXRETPD value, the EXPDT value will still be honored. The GDG keyword will allow clients to specify which rules to be used with their GDG datasets and non-GDG datasets, if their datasets have similar DSN patterns. Also, the SELECT=ALL control statement (available only in TMSEXPDT) can now be specified when JOBNAME= is also specified. SYMPTOMS: Even if the new option or RDS control statements are not used, TMSINIT will report errors if any of the 5 obsolete options are specified. However, TMSINIT will still end with a RC=00 (and not abend if these options are left in). If you try to exploit these new features without applying them to all of your systems that share the same TMC, you may see unexpected results in different fields in the ISPF interface or experience unexpected abends/errors when running different utilities on the systems that do not have this enhancement applied. Here is what you can expect if you get into this situation: TMSEXPDT will result in a U0006 abend if the new retention keywords are specified. With real-time RDS, when you go to run TMSINIT, it will end with a RC=00, but in the joblog you will see the IEFTMS10 messages saying, "WARNING Error in RDS. All Rules not loaded. See TMSRPT for details." In the TMSRPT, you will see the message "*** PARSE ERROR" for any rule

Service	Details
	that is incorrect or exploitS these new features.
	If SCRALL is specified in the TMOOPTxx member, TMSINIT will end in a
	U0006 abend.
	IMPACT:
	* *
	* !NOTE !NOTE !NOTE !NOTE !NOTE !NOTE !NOTE *
	* *
	* If you have multiple systems that share the same TMC, DO NOT exploit*
	* these new features until all systems have had this new enhancement *
	* applied. Please reference the SYMPTOMS sections to see what you can *
	* expect if you try to use these features on a system that doesn't *
	* have this enhancement applied. *
	* *
	* To recover from this scenario, you would have to get on the system *
	* that had this enhancement applied, and do the following for each *
	* record that has the following retention keywords applied: *
	* *
	* For MAXRETPD, you would have to RESET all records that have *
	* MAXRETPD applied to them using TMSEXPDT processing. Please *
	* reference the TMSEXPDT documentation on how to do this. *
	* *
	* For WHILECAT, run TMSUPDTE to remove the TMWHLCAT bit in flag 5 for *
	* volume records and DSNBWHCT bit in Flag 2 for secondary files. *
	* *
	* Nothing needs to be done for GDG. *
	* *
	* Then apply the enhancement to the system that didn't have the *
	* enhancement applied. Once this is done, and all systems have the *
	* enhancement active, reapply your retention rules. *
	* *
	CIRCUMVENTION:
	N/A
	PRODUCT(S) AFFECTED:
	CA 1 Tape Management Version 14.0
	Related Problem:
	1 14645
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	R00232-AL0140
	DESC(NEW RETENTION UPDATES AND NEW SCRALL OPTION).
	++VER (Z038)
	FMID (CAL0E00)
	PRE (LU00367 LU01279 LU02389 RO83249 RO86720 RO87451
	RO89616 RO91646 RO93128 RO93819 RO95361 SO09946
	SO10887 SO12212 SO12517 SO13233 SO13512 SO14617
	SO16051)
	SUP (LT00492 LT01691 LT02246 LT02419 LT02421 LT02426
	LT02893 LT03307 LT03371 LT03540 LT03589 LT03600
	LT04346 LT04767 LT04783 LT04944 LT05027 LT05042
	LT05200 LU02246 RO88419 RO88724 RO92223 RO93432
	RO95275 RO96101 RO96858 RO96979 RO97352 SO05393
	SO06408 SO06489 SO08253 SO09176 SO10518 SO11703

Service	Details
	SO12621 SO12802 SO13666 SO14184 SO15104 SO15247
	ST05393 ST06408 ST06489 ST08253 ST09176 ST10518
	ST11574 ST11703 ST12621 ST12802 ST13310 ST13666
	ST14184 ST15104 ST15247 ST15899 TR88419 TR88724
	TR92223 TR93432 TR95275 TR96101 TR96835 TR96858
	TR96921 TR96979 TR97352)
	++HOLD (LU05200) SYSTEM FMID(CAL0E00)
	REASON (DOC) DATE (22080)
	COMMENT (
	+--+
	| CA 1 Tape Management Version 14.0 |
	+--+
	**************************
	* PUBLICATION *
	**************************
	In the "Utilities and Reports" manual, in the "TMSEXPDT Utility" chapter
	in the "DSN control Statement format" section, add /jcl to the end of
	the LABEL=RETPD=NNNN AND ABEND=RETPD=NNNN. Also, move the SELECT=ALL
	in a column after the J=create.jobname statement and add the three new
	keywords in their own columns after the following statements:
	Ý,J=create.jobname¨Ý,SELECT=ALL¨Ý,WHILECAT=YES¨Ý,GDG=YES/NO¨Ý,MAXRETPD=
	NNNNN¨
	In the "Control Statement Definitions" section under the LABEL=RETPD/
	ABEND=RETPD= bullet add the following paragraph:
	If JCL is specified, the retention period will be kept as specified in
	the JCL or the default assigned, if no EXPDT or RETPD had been
	specified. For multiple volumes or volumes with secondary files, the
	RETPD will be kept for the longest RETPD specified.
	Add a note under the SELECT = ALL bullet saying the following:
	NOTE: SELECT = ALL cannot be used when LABEL=RETPD=JCL or
	ABEND=RETPD=JCL is specified.
	Then add 3 bullets for the new retention keywords:
	WHILECAT
	The while-catalog keyword says to keep files (primary and secondary)
	with the expiration date or retention date specified, AND while they
	are cataloged. Once the file has reached its original expiration date
	or retention period, and WHILECAT=YES had been specified, the file
	(or volume) will not be eligible to be scratched until all the files
	with WHILECAT=YES specified have been uncataloged. The volume and the
	DSNBs might appear to be expired, but as long as the "WHILECAT"
	indicator is on, the volume will NOT be scratched until the file(s) are
	successfully uncatalogued.
	For example, if the RDS rule had specified CYCLE/015 as the expiration
	date with WHILECAT=YES, once the 16th cycle had been created, the
	expiration date will be expired, but the file(s) would be
	retained until they are uncataloged.
	MAXRETPD
	The MAXRETPD keyword specifies the max retention period that a tape
	file will be kept, as long as the EXPDT value hasn't been met.
	For instance, if there is a tape that's set to expire in 365 days, and
	it has a MAXRETPD that is set to 180 days, the tape volume will have
	its expiration date changed to the day that MAXRETPD is met.
	If MAXRETPD is higher than the original
	retention period assigned to the tape, then the EXPDT value would

Service	Details
	still be honored, and the volume would go scratch when the EXPDT value is met.
	If you have files that have had MAXRETPD previously applied to them, and you try to change the MAXRETPD using the SELECT=ALL statement, the MAXRETPD will NOT change. In order to change a file's MAXRETPD, you first have to use the RESET keyword by coding MAXRETPD=RESET with SELECT=ALL on the rule, then run TMSEXPDT. Once the MAXRETPD has been reset, you can change the rule so that MAXRETPD is set to a new value by setting this value again and re-running TMSEXPDT. You will see the new MAXRETPD applied. Please reference the Control Statement Examples section below to see how to use MAXRETPD=RESET.
	NOTE: MAXRETPD will take precedence over every EXPDT value except for EDM controlled tapes. This includes EXPDT=PERMANENT, CATALOG, LDATE/ddd and CYCLE/ccc.
	GDG
	The GDG keyword allows you to easily specify which rule should be applied to GDG and non-GDG tapes.
	For example, you have two tape files, one a GDG and one a non-GDG with a similar dataset name pattern:
	PAYROLL.MASTER.*
	PAYROLL.MASTER.*.*.GXXXXVXX
	With the GDG dataset, an EXPDT value of 180 days may be applied, while the non-GDG may only have an EXPDT value of 30 days. With the GDG keyword, you can specify which rule should be applied to your GDGs or non-gdg with a simple keyword instead of a pattern mask.
	With this enhancement we also made it so that SELECT=ALL and JOBNAME are no longer mutually exclusive. Therefore, remove the sentence stating, "SELECT is mutually exclusive with JOBNAME" under the SELECT=ALL bullet.
	In the Control Statement Examples section, add the following:
	DSN=P-,ABEND=RETPD=JCL,MAXRETPD=180,SELECT=ALL
	DSN=P-,LABEL=RETPD=JCL,MAXRETPD=180,SELECT=ALL
	DSN=P-,LABEL=RETPD=JCL,MAXRETPD=RESET,SELECT=ALL
	DSN=P-,LABEL=RETPD=JCL,MAXRETPD=180
	DSN=P-,LABEL=RETPD=180,GDG=YES
	DSN=P-,LABEL=RETPD=030,GDG=NO
	DSN=TEST-,LABEL=RETPD=JCL,WHILECAT=YES
	In the "Programming" manual, in the "Record Definition and Keywords" chapter, in the "TMC Volume Record Definition with Keywords (TMMTMREC)" section, add the two new flag bits to FLAG5 for TMWHLCAT and TMUNEXDT. Also, add two new flag bits to FLAG6 for TMEMAXR AND TMDSNBMX.
	In the same manual, in the "TMC DSNB Record Definition with Keywords (TMMDSNB)" section, add the new flag bits to FLAG2 for DSNBWHCT and DSNBEMAX.
	Then in the "Option Summary" chapter, in the "TMOOPTxx option table" section, add notes to the following options saying they are now obsolete: QSAMBF, WRKFLS,TCHG, DCHG, and KEYTAP. Their defaults are now the only valid values and the permitted values will be updated accordingly. Also, add the new SCRALL option with the appropriate description, default, and permitted values.
	In the subsection "Retention Options", update the "Auto-checkin default retention - KEYTAP" section to the following:
	The KEYTAP parameter specifies the default retention for tape data sets processed through the CA 1 automatic CHECKIN facility.

Service	Details
	The hlq.CTAPOPTN(TMOOPTxx) KEYTAP parameter has the following option:
	Default:
	LDATE/007
	NOTE:
	This option has been made obsolete.
	Then add a new sections for the Scratch all - SCRALL option
	and say the following:
	Use the SCRALL option if you want to scratch a volume regardless of its
	DSNB's being expired or not.
	The hlq.CTAPOPTN(TMOOPTxx) SCRALL parameter has the following options:
	NO
	Specifies that you want to keep a volume regardless of the volume's
	EXPDT value if any DSNB's on that volume are not yet expired.
	YES (Default)
	Specifies that volumes can be scratched regardless of its DSNB's EXPDT
	value if the volume record's EXPDT value is expired.
	In the "Real-time Tape Processing Options" subsection, update both the
	"Density Change Action - DCHG" and "Recording Technique Change
	Action - TCHG" sections to say the following:
	The DCHG parameter enforces that the tape mounted for output is of the
	same density as that specified in the JCL. For example, the JCL
	specifies COMP but the scratch tape mounted was not compressed.
	The hlq.CTAPOPTN(TMOOPTxx) DCHG parameter has the following option:
	YES
	(Default) CA 1 issues a WTO indicating that the change has been
	approved.
	NOTE:
	This option has been made obsolete.
	The TCHG parameter specifies the recording technique to control whether
	an 18-track tape can be written over at 36 tracks or 128-track to
	256-track and vice versa.
	The hlq.CTAPOPTN(TMOOPTxx) TCHG parameter has the following option:
	YES
	(Default) CA 1 issues a WTO indicating that the change has been
	approved. This can override LCHG.
	NOTE:
	This option has been made obsolete.
	In the "Miscellaneous Options" subsection, add a note to the "QSAM
	Buffer Specification - QSAMBF" section saying that this option is now
	obsolete.
	The QSAMBF parameter determines the size of the I/O buffers allocated
	for a data set being processed by CA 1 using the QSAM access method.
	The QSAMBF=20 value that is specified is multipled by 1024 bytes, and
	divided by the data set block size to determine the actual BUFNO value
	that is used to process it.
	Default: 20
	NOTE: This option has been made obsolete.
	Now, in the "Administrating" guide, in the "Automated Tape Libraries
	and virtual tape support" chapter update the "IBM TotalStorage Tape
	Library", "EMC DLM Tape Library", and "IBM Virual Tape Server - VTS"
	sections so that any bullet that talks about WRKFLS is completely
	removed. WRKFLS is no longer recommended as part of the recommendations
	and procedures to set up the specified tape libraries above.
	In the TMSBINQ Utiltity chapter, change the examples to reflect the new

Service	Details
	layout of the TMSBINQ reports. In the "Earldef Tape Record Field Definitions" chapter, in the CA 1 Specific Area, add the new MAXRETPD field between AUCODE and ACTIND at positions 483-485.
	In the "Messages" manual, in the "TMSEXPDT Message" chapter, add the following messages with their reasons and actions:
	*** WHILECAT CANNOT BE USED WITH CATALOG OR PERMANENT
	Reason:
	WHILECAT cannot be used with LABEL=EXPDT=CATALOG or LABEL=EXPDT=PERMANENT.
	Action:
	Correct the control statement(s) and resubmit the job.
	*** WHILECAT MUST BE YES OR Y
	Reason:
	WHILECAT was set to NO when LABEL=RETPD=JCL was specified.
	Action:
	Correct the control statement(s) and resubmit the job.
	*** RETPD=JCL CANNOT BE SPECIFIED WITH SELECT=ALL
	Reason:
	LABEL=RETPD=JCL was specified with SELECT=ALL.
	Action:
	Correct the control statement(s) and resubmit the job.
	*** WHILECAT IS NOT ALLOWED IF OCTLG=YES IN TMOOPTXX
	Reason:
	WHILECAT=YES was specified on a control statement while the OCTLG option was set to YES.
	Action:
	Remove the WHILECAT=YES statement from the control statement and resubmit the job, or turn off the OCTLG option so that it is set to NO.
	*** MAXRETPD VALUE IS NOT VALID
	Reason:
	The value for MAXRETPD is not set in the range of 1 - 40,000 days.
	Action:
	Correct the control statement(s) and resubmit the job.
	*** INVALID VALUE FOR GDG KEYWORD. MUST BE YES OR NO
	Reason:
	GDG keywords has an invalid value. The only acceptable values are YES or NO.
	Action:
	Correct the control statement(s) and resubmit the job.
	Remove the following message:
	*** SELECT AND JOB ARE MUTUALLY EXCLUSIVE
	Reason:
	The SELECT and JOB keywords can not be specified in the same retention statement.
	Action:
	Correct the retention statement(s) and resubmit the job.
	In the "Messages" manual, in the "TMSINIT Message" chapter, add the following two messages with the following reasons and actions:
	IEFTMS12 - ERROR BUILDING OPTIONS TABLE, OCTLG=YES AND SCRALL=NO - INVALID
	Reason:
	This message is issued by TMSOPTB. The option OCTLG cannot be set to YES if SCRALL is set to NO.
	Action:

Service	Details

	Either change OCTLG to NO or change SCRALL to YES in the TMOOPTXX member.
	IEFTMS12 - ERROR BUILDING OPTIONS TABLE, OCTLG=YES AND SCRCAT=NO/GDG - INVALID.
	Reason:
	This message is issued by TMSOPTB. The option OCTLG cannot be set to YES if SCRCAT is set to NO or GDG.
	Action:
	Either change OCTLG to NO or change SCRCAT to YES in the TMOOPTXX member.
	In the Utilities and Reports chapter, in the CA Copycat Utility –
	Copy Files section, add a note to the OUTDISP and OUTDISP2 control statements saying the following:
	Note:
	IF you are trying to copy files that have MAXRETPD applied and you wish to retain the MAXRETPD, you must code OUTDISP=SAME. If anything else is specified for OUTDISP, MAXRETPD will not be copied over. If you want to retain MAXRETPD and set OUTDISP to anything else, you will need to reapply MAXRETPD using TMSEXPDT processing.
	Note:
	IF you are trying to copy files that have MAXRETPD applied and you wish to retain the MAXRETPD, you must code OUTDISP2=SAME. If anything else is specified for OUTDISP2, MAXRETPD will not be copied over. If you want to retain MAXRETPD and set OUTDISP2 to anything else, you will need to reapply MAXRETPD using TMSEXPDT processing.
	Then add a note for the PREFIX and PREFIX2 control statements:
	NOTE:
	If you are trying to copy files that have a MAXRETPD applied and you wish to retain the MAXRETPD, you cannot specify PREFIX in the control statements and still retain the MAXRETPD.
	If you need to use the PREFIX control statement and you want to retain the MAXRETPD, you can reapply MAXRETPD using TMSEXPDT processing.
	NOTE:
	If you are trying to copy files that have a MAXRETPD applied and you wish to retain the MAXRETPD, you cannot specify PREFIX2 in the control statements and still retain the MAXRETPD.
	If you need to use the PREFIX2 control statement and you want to retain the MAXRETPD, you can reapply MAXRETPD using TMSEXPDT processing.
	).
	++HOLD (LU05200) SYSTEM FMID(CAL0E00)
	REASON (DYNACT) DATE (22080)
	COMMENT (
	<pre>+---+
	| CA 1 Tape Management Version 14.0 |
	+----------+--+
	|SEQUENCE | AFTER APPLY |
	+----------+--+
	|PURPOSE | TO ACTIVATE THE CHANGE WITHOUT AN IPL. |
	+----------+--+
	|USERS | ALL USERS. |
	|AFFECTED | |
	+----------+--+</pre>

Service	Details

```
|KNOWLEDGE | HOW TO MODIFY AND SUBMIT THE CAIRIM PROCESS.              |
|REQUIRED  |                                                          |
+----------+----------------------------------------------------------+
|ACCESS    | ABILITY TO SUBMIT CAIRIM WITH THE MODIFIED CONTROL       |
|REQUIRED  | STATEMENTS.                                              |
+----------+----------------------------------------------------------+
*************************
* STEPS    TO    PERFORM *
*************************
MODIFY THE CAIRIM CONTROL STATEMENTS AS FOLLOWS WHERE SVC=XXX IS
REPLACED WITH THE CA 1 SVC NUMBER USED ON YOUR SYSTEM.
PRODUCT(CA-1/MVS) VERSION(L0E0) INIT(L0E0INIT) -
PARM(REINIT,LPA=TMS00SVC,SVC=XXX) LOADLIB(YOUR 14.0 CTAPLINK)
+----------------------------------------------------------------------+
|      CA 1 Tape Management                          Version 14.0      |
+----------+----------------------------------------------------------+
|SEQUENCE  | AFTER APPLY                                              |
+----------+----------------------------------------------------------+
|PURPOSE   | TO ACTIVATE THE CHANGE WITHOUT AN IPL.                   |
+----------+----------------------------------------------------------+
|USERS     | ALL USERS.                                               |
|AFFECTED  |                                                          |
+----------+----------------------------------------------------------+
|KNOWLEDGE | HOW TO MODIFY AND SUBMIT THE CAIRIM PROCESS.              |
|REQUIRED  |                                                          |
+----------+----------------------------------------------------------+
|ACCESS    | ABILITY TO SUBMIT CAIRIM WITH THE MODIFIED CONTROL       |
|REQUIRED  | STATEMENTS.                                              |
+----------+----------------------------------------------------------+
*************************
* STEPS    TO    PERFORM *
*************************
MODIFY THE CAIRIM CONTROL STATEMENTS AS FOLLOWS;
PRODUCT(CA-1/MVS) VERSION(L0E0) INIT(L0E0INIT) -
PARM(REINIT,LPA=TMSKEYXB) LOADLIB(YOUR 14.0 CTAPLINK)
+----------------------------------------------------------------------+
|      CA 1 Tape Management                          Version 14.0      |
+----------+----------------------------------------------------------+
|SEQUENCE  | AFTER APPLY                                              |
+----------+----------------------------------------------------------+
|PURPOSE   | TO ACTIVATE THE CHANGE WITHOUT AN IPL.                   |
+----------+----------------------------------------------------------+
|USERS     | ALL USERS.                                               |
|AFFECTED  |                                                          |
+----------+----------------------------------------------------------+
|KNOWLEDGE | HOW TO MODIFY AND SUBMIT THE CAIRIM PROCESS.              |
|REQUIRED  |                                                          |
+----------+----------------------------------------------------------+
|ACCESS    | ABILITY TO SUBMIT CAIRIM WITH THE MODIFIED CONTROL       |
|REQUIRED  | STATEMENTS.                                              |
+----------+----------------------------------------------------------+
*************************
* STEPS    TO    PERFORM *
*************************
```

Service	Details
| | ```
MODIFY THE CAIRIM CONTROL STATEMENTS AS FOLLOWS;
PRODUCT(CA-1/MVS) VERSION(L0E0) INIT(L0E0INIT) -
PARM(REINIT,LPA=TMSRULS) LOADLIB(YOUR 14.0 CTAPLINK)
).
++HOLD (LU05200) SYSTEM FMID(CAL0E00)
REASON (ENH    )   DATE (22080)
COMMENT (
+----------------------------------------------------------------------+
|     CA 1 Tape Management                       Version 14.0     |
+----------+-----------------------------------------------------------+
|SEQUENCE  | After Apply                                               |
+----------+-----------------------------------------------------------+
|PURPOSE   | Enhance retention processing options.                     |
+----------+-----------------------------------------------------------+
|USERS     | All CA 1 users.                                           |
|AFFECTED  |                                                           |
+----------+-----------------------------------------------------------+
|KNOWLEDGE | How to change CA 1 options and RDS rules.                 |
|REQUIRED  |                                                           |
+----------+-----------------------------------------------------------+
|ACCESS    | Ability to update RDS rules.                              |
|REQUIRED  |                                                           |
+----------+-----------------------------------------------------------+
**************************
* STEPS    TO    PERFORM *
**************************
By default, no processing changes are made. Only if the new options,
or control statements are used will processing be altered.
).
``` |

Product Family	Product	Release
Storage	CA COMMON TAPE FUNCTIONS	14.00.00
	CA OSI/COMMON COMPONENT	14.00.00
	CA 1 TAPE MANAGEMENT	14.00.00
The CA RS 2205 Product/Component Count for this release is 3		

CA RS Level	Service	FMID
CAR2205	LU05200	CAL0E00
	LU05198	CBAFE00
CAR2204	LU04891	CBAFE00
CAR2202	LU03975	CAL0E00
CAR2201	LU03509	CAL0E00
CAR2112	LU03181	CBAFE00
CAR2111	LU03148	CBAFE00
	LU03010	CAL0E00
	LU02994	CAL0E00
	LU02715	CAL0E00
	LU02639	CAL0E00
CAR2110	LU02771	CAL0E00
	LU02565	CAL0E00
	LU01301	CBAFE00
CAR2109	LU02389	CAL0E00
	LU02246	CAL0E00
	LU01269	CBAFE00
CAR2108	LU02187	CBAFE00
	LU01279	CAL0E00
	LU00931	CAL0E00
	LU00929	CBAFE00
	LU00916	CAL0E00
CAR2107	LU01509	CAL0E00
	LU01354	CAL0E00
	LU01158	CAL0E00
CAR2106	LU01115	CAL0E00
CAR2105	SO16131	CAL0E00
	LU00367	CAL0E00
CAR2104	SO15367	CAL0E00
	LU00476	CBAFE00
	LU00208	CBAFE00
	LU00167	CAL0E00
CAR2103	SO16231	CAL0E00
	SO16223	CBAFE00
	SO16051	CAL0E00
	LU00114	CAL0E00
	LU00092	CBAFE00
CAR2102	SO15745	CAL0E00
	SO10115	CAL0E00
	SO05163	CAL0E00
CAR2101	SO15247	CAL0E00
	SO15104	CAL0E00
	SO14838	CAL0E00
CAR2011	SO14948	CAL0E00
	SO14858	CAL0E00
	SO14617	CAL0E00
CAR2010	SO14630	CAL0E00

CA RS Level	Service	FMID
	SO14184	CAL0E00
	SO13666	CAL0E00
	SO13637	CAL0E00
	SO11360	CAL0E00
CAR2009	SO14243	CAL0E00
	SO14201	CAL0E00
	SO14060	CAL0E00
	SO13512	CAL0E00
	SO12639	CBAFE00
CAR2008	SO12802	CAL0E00
	SO12621	CAL0E00
CAR2007	SO13615	CAL0E00
	SO13571	CBAFE00
	SO13140	CAL0E00
CAR2006	SO13373	CAL0E00
	SO13348	CAL0E00
	SO13233	CAL0E00
	SO12774	CAL0E00
	SO12212	CAL0E00
	SO12211	CBAFE00
	SO10858	CBAFE00
CAR2005	SO12740	CBAFE00
	SO12316	CBAFE00
	SO12305	CAL0E00
	SO11630	CAL0E00
CAR2004	SO12517	CAL0E00
CAR2003	SO11804	CAL0E00
	SO11771	CBAFE00
	SO11703	CAL0E00
	SO11511	CAL0E00
CAR2002	SO10887	CAL0E00
	SO10632	CAL0E00
	SO10333	CAL0E00
CAR2001	SO11264	CAL0E00
	SO10814	CAL0E00
	SO09946	CAL0E00
	SO09456	CAL0E00
CAR1912	SO10297	CAL0E00
	SO09659	CAL0E00
CAR1911	SO10518	CAL0E00
	SO10147	CAL0E00
CAR1910	SO09988	CBAFE00
	SO09350	CBAFE00
	SO09154	CAL0E00
	SO08504	CBAFE00
CAR1908	SO09194	CAL0E00
	SO09176	CAL0E00

CA RS Level	Service	FMID
	SO08253	CAL0E00
CAR1907	SO08332	CAL0E00
	SO08267	CAL0E00
	SO07488	CAL0E00
	SO07340	CBAFE00
CAR1906	SO08118	CAL0E00
	SO08095	CAL0E00
	SO07989	CBAFE00
	SO07783	CAL0E00
	SO07609	CAL0E00
CAR1905	SO07914	CBAFE00
	SO07538	CAL0E00
CAR1904	SO07375	CAL0E00
CAR1903	SO06753	CAL0E00
	SO06049	CAL0E00
	RO90435	CAL0E00
CAR1902	SO07077	CBAFE00
	SO06907	CBAFE00
	SO06489	CAL0E00
CAR1901	SO06465	CBAFE00
	SO06408	CAL0E00
CAR1811	SO05393	CAL0E00
CAR1810	SO05132	CAL0E00
	SO05090	CAL0E00
	SO01325	CBAFE00
CAR1809	SO04566	CBAFE00
	SO03737	CBAFE00
	SO01864	CAL0E00
CAR1808	SO04014	CAL0E00
	SO03575	CAL0E00
	SO00102	CAL0E00
CAR1807	SO03703	CAL0E00
CAR1805	SO00771	CAL0E00
CAR1804	SO01019	CAL0E00
	SO00375	CBAFE00
	RO99657	CAL0E00
CAR1803	SO00376	CBAFE00
	RO98235	CAL0E00
CAR1802	RO98044	CAL0E00
	RO97589	CAL0E00
CAR1801	RO98719	CAL0E00
	RO97628	CBAFE00
	RO97141	CAL0E00
CAR1712	RO98735	CAL0E00
	RO98491	CAG8E00
	RO98398	CAL0E00
	RO98211	CBAFE00

CA RS Level	Service	FMID
	RO97676	CAL0E00
CAR1711	RO98303	CAL0E00
	RO98301	CAL0E00
	RO97930	CAL0E00
	RO97124	CAL0E00
	RO96957	CAL0E00
CAR1710	RO97352	CAL0E00
	RO97172	CAL0E00
	RO96979	CAL0E00
	RO96826	CAL0E00
CAR1709	RO96641	CAL0E00
	RO96031	CBAFE00
	RO94642	CAL0E00
	RO94173	CAG8E00
CAR1708	RO96858	CAL0E00
	RO96268	CAL0E00
	RO96101	CAL0E00
	RO95361	CAL0E00
CAR1707	RO96603	CAL0E00
	RO95649	CAL0E00
	RO94615	CAL0E00
	RO94583	CBAFE00
CAR1706	RO95275	CAL0E00
	RO95272	CAL0E00
CAR1704	RO94755	CBAFE00
	RO94667	CAL0E00
CAR1703	RO94451	CAL0E00
	RO94379	CAL0E00
	RO94258	CBAFE00
	RO93860	CAL0E00
CAR1702	RO93819	CAL0E00
	RO86715	CBAFE00
	RO83248	CBAFE00
CAR1701	RO93682	CAL0E00
	RO93432	CAL0E00
	RO93392	CAL0E00
	RO93331	CBAFE00
	RO93264	CAL0E00
	RO93190	CBAFE00
	RO93128	CAL0E00
	RO92538	CAL0E00
	RO92030	CAL0E00
	RO91646	CAL0E00
CAR1612	RO92223	CAL0E00
	RO91897	CAL0E00
	RO91750	CAL0E00
CAR1610	RO91971	CBAFE00

CA RS Level	Service	FMID
	RO91847	CBAFE00
	RO91846	CAL0E00
	RO91479	CAL0E00
	RO91460	CAL0E00
	RO91301	CBAFE00
	RO91217	CAL0E00
CAR1609	RO90987	CBAFE00
	RO90945	CBAFE00
	RO89926	CBAFE00
	RO89758	CAL0E00
CAR1608	RO91200	CAL0E00
CAR1607	RO90243	CBAFE00
CAR1606	RO89925	CBAFE00
	RO89876	CAL0E00
	RO89572	CAL0E00
CAR1605	RO89616	CAL0E00
	RO89533	CBAFE00
	RO89514	CAL0E00
	RO89319	CAL0E00
	RO89262	CAL0E00
	RO88724	CAL0E00
	RO88419	CAL0E00
CAR1604	RO87942	CBAFE00
CAR1603	RO88098	CAL0E00
	RO88088	CAL0E00
	RO87844	CBAFE00