

CA 1 Flexible Storage 15.0 CA RS 2304 Service List

1

Service	Description	Type
LU08601	CA 1 ISPF PANEL TMPIDSNB DOES NOT DISPLAY BESKEY PROPERLY	PTF
LU08827	LOOP WHEN USING CA 1 ISPF OPTION 4 CHECK LEVEL	PTF
LU09035	TI COMMAND ENDING IN COMPLETION CODE SOC9 REASON CODE 9	PTF
LU09056	TMS STATUS REPORTS CTS019VM IS ACTIVE WHEN IT IS NOT	PTF
LU09179	CORRECT SUB-ADDRESS SPACE INITIALIZATION	PTF
LU09199	ALLOW ZEDC COMPRESSION WITH ZEDC EXPRESS PCI CARDS	PTF
LU09227	ADD COND=EVEN TO ALL STEPS AFTER THE ABEND IN THE IVP	PTF
LU09391	NEXT AUDIT RECORD FIELD IN ISPF IS ONE CHARACTER SHORT	PTF
LU09488	VTAPE CHANGES FOR CA1 IMMUTABLE VOLUMES	PTF
LU09495	CA 1 FLEXIBLE STORAGE SUPPORT FOR IMMUTABLE VOLUMES	PTF
LU09559	TMSCLEAN-VOLSEQ>1 NOT INCLUDED IN CURRENT SCRATCH TAPE COUNT	PTF
The CA RS 2304 service count for this release is 11		

CA 1 Flexible Storage
CA RS 2304 Service List for CAL0F00

2

FMID	Service	Description	Type
CAL0F00	LU08601	CA 1 ISPF PANEL TMPIDSNB DOES NOT DISPLAY BESKEY PROPERLY	PTF
	LU08827	LOOP WHEN USING CA 1 ISPF OPTION 4 CHECK LEVEL	PTF
	LU09056	TMS STATUS REPORTS CTS019VM IS ACTIVE WHEN IT IS NOT	PTF
	LU09227	ADD COND=EVEN TO ALL STEPS AFTER THE ABEND IN THE IVP	PTF
	LU09391	NEXT AUDIT RECORD FIELD IN ISPF IS ONE CHARACTER SHORT	PTF
	LU09495	CA 1 FLEXIBLE STORAGE SUPPORT FOR IMMUTABLE VOLUMES	PTF
	LU09559	TMSCLEAN-VOLSEQ>1 NOT INCLUDED IN CURRENT SCRATCH TAPE COUNT	PTF
The CA RS 2304 service count for this FMID is 7			

CA 1 Flexible Storage
CA RS 2304 Service List for CBAFE00

FMID	Service	Description	Type
CBAFE00	LU09035	TI COMMAND ENDING IN COMPLETION CODE S0C9 REASON CODE 9	PTF
The CA RS 2304 service count for this FMID is 1			

CA 1 Flexible Storage
CA RS 2304 Service List for CCUUC60

FMID	Service	Description	Type
CCUUC60	LU09179	CORRECT SUB-ADDRESS SPACE INITIALIZATION	PTF
	LU09488	VTAPE CHANGES FOR CA1 IMMUTABLE VOLUMES	PTF
The CA RS 2304 service count for this FMID is 2			

CA 1 Flexible Storage
CA RS 2304 Service List for CD4BF00

FMID	Service	Description	Type
CD4BF00	LU09199	ALLOW ZEDC COMPRESSION WITH ZEDC EXPRESS PCI CARDS	PTF
The CA RS 2304 service count for this FMID is 1			

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU08601 Details

6

Service	Details
LU08601	<p>LU08601 M.C.S. ENTRIES = ++PTF (LU08601) REWORK(2023061)</p> <p>CA 1 ISPF PANEL TMPIDSNB DOES NOT DISPLAY BESKEY PROPERLY</p> <p>PROBLEM DESCRIPTION:</p> <p>After creating a secondary file with encryption, the CA 1 ISPF DSNB display does not display the Key Index value in the BESKEY field.</p> <p>SYMPTOMS:</p> <p>BESKEY not displayed.</p> <p>IMPACT:</p> <p>Unable to determine BESKEY from the display.</p> <p>CIRCUMVENTION:</p> <p>As an alternative, use TMSBINQ to display the Volume and DSNBs.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Flexible Storage Version 15.0</p> <p>Related Problem:</p> <p>1 19265</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00027-AL0150</p> <p>DESC(CA 1 ISPF PANEL TMPIDSNB DOES NOT DISPLAY BESKEY PROPERLY).</p> <p>++VER (Z038)</p> <p>FMID (CAL0F00)</p> <p>SUP (LT08601)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU08827 Details

7

Service	Details
LU08827	<p>LU08827 M.C.S. ENTRIES = ++PTF (LU08827) REWORK(2023073)</p> <p>LOOP WHEN USING CA 1 ISPF OPTION 4 CHECK LEVEL</p> <p>PROBLEM DESCRIPTION:</p> <ol style="list-style-type: none"> Using the CA 1 ISPF interface Option 4 (Check Level of Online Modules) loops upon invocation. Included in this solution is a correction to CTAPOPTN member LORIMPRM. <p>SYMPTOMS:</p> <ol style="list-style-type: none"> Session Hang CTAPOPTN member LORIMPRM contains LOE0 and LOE0INIT and not LOF0 as the version and LOF0INIT as the INIT routine. <p>IMPACT:</p> <ol style="list-style-type: none"> User must hit the Attention key to exit. CAS9 failure when reloading TMS00SVC. <p>CIRCUMVENTION:</p> <ol style="list-style-type: none"> None. Change the values to LOF0 and LOF0INIT. <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Flexible Storage Version 15.0</p> <p>Related Problem:</p> <p>1 19459</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00030-AL0150</p> <p>DESC(LOOP WHEN USING CA 1 ISPF OPTION 4 CHECK LEVEL).</p> <p>++VER (Z038)</p> <p>FMID (CAL0F00)</p> <p>SUP (LT08809 LT08810 LT08827)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09035 Details

8

Service	Details
LU09035	<p>LU09035 M.C.S. ENTRIES = ++PTF (LU09035) REWORK(2023080)</p> <p>TI COMMAND ENDING IN COMPLETION CODE SOC9 REASON CODE 9</p> <p>PROBLEM DESCRIPTION:</p> <p>When the TI command is executed on a multi-volume dataset, CTSTI willabend when calculating the bytes stored.</p> <p>SYMPTOMS:</p> <p>CTSTI abends with a 0C9 completion code, reason code 9.</p> <p>IMPACT:</p> <p>The TI command will fail on certain datasets that has a bytes stored value that cannot be expressed as a signed 32-bit binary integer.</p> <p>CIRCUMVENTION:</p> <p>N/A.</p> <p>PRODUCT(S) AFFECTED:</p> <p>COMMON TAPE Version 14.0</p> <p>Related Problem:</p> <p>CM-\$F 19625</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00098-BAF140</p> <p>DESC(TI COMMAND ENDING IN COMPLETION CODE SOC9 REASON CODE 9).</p> <p>++VER (Z038)</p> <p>FMID (CBAFE00)</p> <p>PRE (R083248)</p> <p>SUP (LT00929 LT07381 LT09035 LU00929 LU07381)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09056 Details

9

Service	Details
LU09056	<p>LU09056 M.C.S. ENTRIES = ++PTF (LU09056) REWORK(2023069)</p> <p>TMS STATUS REPORTS CTS019VM IS ACTIVE WHEN IT IS NOT PROBLEM DESCRIPTION: Issuing a TMS STATUS command reports that the FAILSAFE USERMOD is installed when it is not. SYMPTOMS: Incorrect reporting. IMPACT: Misleading status of USERMOD. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA 1 Tape Management Version 14.0 CA 1 Tape Management Version 15.0 Related Problem: 1 19632 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00031-AL0150</p> <p>DESC(TMS STATUS REPORTS CTS019VM IS ACTIVE WHEN IT IS NOT). ++VER (Z038) FMID (CAL0F00) SUP (LT09056)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09179 Details

10

Service	Details
LU09179	<p>LU09179 M.C.S. ENTRIES = ++PTF (LU09179) REWORK(2023075)</p> <p>CORRECT SUB-ADDRESS SPACE INITIALIZATION</p> <p>PROBLEM DESCRIPTION:</p> <p>Fix incorrect reference to the SVTSX control block at startup</p> <p>SYMPTOMS:</p> <p>None</p> <p>IMPACT:</p> <p>None</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>VTAPE Release 12.6</p> <p>Related Problem:</p> <p>VTAPE 19724</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00094-CUU126</p> <p>DESC(CORRECT SUB-ADDRESS SPACE INITIALIZATION).</p> <p>++VER (Z038)</p> <p>FMID (CCUUC60)</p> <p>SUP (LT09179)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09199 Details

11

Service	Details
LU09199	<p>LU09199 M.C.S. ENTRIES = ++PTF (LU09199) REWORK(2023065)</p> <p>ALLOW ZEDC COMPRESSION WITH ZEDC EXPRESS PCI CARDS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>By enabling certain internal options, the zEDC compression capability can be extended to zEDC Express PCI Cards. This fix provides the support for zEDC Express PCI Cards.</p> <p>PRODUCT(S) AFFECTED:</p> <p>Tape Encryption Version 15.0</p> <p>Related Problem:</p> <p>BTE 19738</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00030-D4B150</p> <p>DESC(ALLOW ZEDC COMPRESSION WITH ZEDC EXPRESS PCI CARDS).</p> <p>++VER (Z038)</p> <p>FMID (CD4BF00)</p> <p>SUP (LT09199)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09227 Details

12

Service	Details				
LU09227	<p>LU09227 M.C.S. ENTRIES = ++PTF (LU09227) REWORK(2023086)</p> <p>ADD COND=EVEN TO ALL STEPS AFTER THE ABEND IN THE IVP</p> <p>PROBLEM DESCRIPTION:</p> <p>If the TAPSLRJ step is un-commented out, a 7XX-04 abend will occur. This will then prevent all subsequent steps from executing.</p> <p>SYMPTOMS:</p> <p>The IVP does not end successfully and all steps are not run.</p> <p>IMPACT:</p> <p>You have to run the IVP twice, once with the TAPSLRJ commented out and once with it un-commented out.</p> <p>CIRCUMVENTION:</p> <p>Run the IVP twice.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA 1 Flexible Storage</td><td>Version 15.0</td></tr> <tr> <td>CA 1 Tape Management</td><td>Version 14.0</td></tr> </table> <p>Related Problem:</p> <p>1 19774</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00033-AL0150</p> <p>DESC(ADD COND=EVEN TO ALL STEPS AFTER THE ABEND IN THE IVP).</p> <p>++VER (Z038)</p> <p>FMID (CAL0F00)</p> <p>SUP (LT09227)</p>	CA 1 Flexible Storage	Version 15.0	CA 1 Tape Management	Version 14.0
CA 1 Flexible Storage	Version 15.0				
CA 1 Tape Management	Version 14.0				

Service	Details
LU09391	<p>LU09391 M.C.S. ENTRIES = ++PTF (LU09391) REWORK(2023081)</p> <p>NEXT AUDIT RECORD FIELD IN ISPF IS ONE CHARACTER SHORT</p> <p>PROBLEM DESCRIPTION:</p> <p>In the ISPF panel, "CONTROL RECORD AND VOLSER RANGE DISPLAY," (panel ID 'TMPITCTL') the NEXT AUDIT record field is one character short.</p> <p>SYMPTOMS:</p> <p>The last character is cut off and cannot be seen.</p> <p>IMPACT:</p> <p>Cannot see the full NEXT AUDIT record field in this panel.</p> <p>CIRCUMVENTION:</p> <p>Look at the AUDIT CTL REC #4 by running TMSBINQ HEADERS.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA 1 Tape Management Version 14.0</p> <p>CA 1 Tape Management Version 15.0</p> <p>Related Problem:</p> <p>1 19871</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00035-AL0150</p> <p>DESC(NEXT AUDIT RECORD FIELD IN ISPF IS ONE CHARACTER SHORT).</p> <p>++VER (Z038)</p> <p>FMID (CALOF00)</p> <p>SUP (LT09391)</p>

CA 1 Flexible Storage 15.0
CA RS 2304 - PTF LU09488 Details

14

Service	Details		
LU09488	<p>LU09488 M.C.S. ENTRIES = ++PTF (LU09488) REWORK(2023089)</p> <p>VTAPE CHANGES FOR CA1 IMMUTABLE VOLUMES</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Vtape modifications for CA1 Immutable Volumes</p> <p>Allow CA1 to remove write protection during robot scratch processing for CA1 Immutable Volumes</p> <p>PRODUCT(S) AFFECTED:</p> <p>VTAPE Release 12.6</p> <p>Related Problem:</p> <p>VTAPE 19862</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved</p> <p>R00096-CUU126</p> <p>DESC(VTAPE CHANGES FOR CA1 IMMUTABLE VOLUMES).</p> <p>++VER (Z038)</p> <p>FMID (CCUUC60)</p> <p>PRE (R028424 R030066 R030366 R031504 R034789 R036932 R038137</p> <p>R038896 R041648 R043755 R048475 R049542 R050535 R052989</p> <p>R054090 R054767 R057364 R059451 R060481 R061949 R064097</p> <p>R069794 R070379 R072341 R073696 R077691 R078201 R088412)</p> <p>SUP (AC06232 LT05718 LT06600 LT09488 LU06600 R027771 R032562</p> <p>R045020 R053301 R055116 R059428 R064842 R072934 R076693</p> <p>R081396 R082547 R093001 S001258 ST01258 ST12345 TR72934</p> <p>TR76693 TR81396 TR82547 TR93001)</p> <p>++HOLD (LU09488) SYSTEM FMID(CCUUC60)</p> <p>REASON (ENH) DATE (23089)</p> <p>COMMENT (</p> <table border="1"> <tr> <td>VTAPE</td><td>Release 12.6</td></tr> </table> <p>SEQUENCE After Apply</p> <p>PURPOSE Add support for CA1 immutable volumes. These changes</p> <p> allow CA1 to control write protection on immutable</p> <p> volumes.</p> <p>USERS Vtape clients using CA1's robot scratch for its</p> <p>AFFECTED immutable volumes enhancement feature.</p> <p>KNOWLEDGE Shutdown/restart of started tasks (STCs).</p> <p>REQUIRED </p> <p>ACCESS Authority to stop/start started tasks (STCs).</p> <p>REQUIRED </p> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>1. Apply the Vtape PTF to CA Vtape.</p> <p>2. Shutdown and then restart the Vtape started task.</p> <p>).</p>	VTAPE	Release 12.6
VTAPE	Release 12.6		

Service	Details
LU09495	<p>LU09495 M.C.S. ENTRIES = ++PTF (LU09495) REWORK(2023089)</p> <p>CA 1 FLEXIBLE STORAGE SUPPORT FOR IMMUTABLE VOLUMES</p> <p>PROBLEM DESCRIPTION:</p> <p>As part of CA 1's Flexible Storage, a new feature has been added when creating Virtual volumes using CA Vtape. Based on selection criteria defined in CA 1's CTAPOPTN member TMOBLLnn, a volume can be made Immutable when the volume is created. Once Immutable, the volume can not be modified after its creation.</p> <p>SYMPTOMS:</p> <p>Enhancement. Once a volume has been made immutable, the volume can no longer be written to. Any attempt to re-write or MOD to the data will result in a IOS000I FPR error followed by a S613-10 abend.</p> <p>IMPACT:</p> <p>Additional protection.</p> <p>CIRCUMVENTION:</p> <p>Review modifications to TMOBLLnn of the CA 1 CTAPOPTN member.</p> <p>PRODUCT(S) AFFECTED:</p> <p>Related Problem:</p> <p>1 19161</p> <p>(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00037-AL0150</p> <p>DESC(CA 1 FLEXIBLE STORAGE SUPPORT FOR IMMUTABLE VOLUMES).</p> <p>++VER (Z038)</p> <p>FMID (CALOF00)</p> <p>PRE (LU08576)</p> <p>SUP (LT09495)</p> <p>++HOLD (LU09495) SYSTEM FMID(CALOF00)</p> <p>REASON (DOC) DATE (23089)</p> <p>COMMENT (</p> <pre> +-----+ CA 1 Flexible Storage Version 15.0 +-----+ ***** * PUBLICATION * ***** TMOBLL00 Double-Open / Recreate / Mod / Immutable Specification Use the parameters in TMOBLLxx to supply information about which files may be written on using Double-Open, Recreate or Mod processing. Double- Open is when the disposition is NEW and the file is being open'ed a second (or third) time. Recreate is when the disposition is OLD or SHR and Mod is when the disposition is MOD. The disposition can be the first parameter of the DISP= in the JCL or the disposition specified in the Dynamic Allocation control block or even the disposition in the JFCB if an OPEN TYPE=J is specified. Within this member, multiple rules may be specified. The specified DBL rules control whether any combination of Double-Open,Recreate,Mod or Immutable rules should be allowed, disallowed or default processing should be used during tape OPEN processing. When a tape is open'ed for OUTPUT processing and the tape is not currently in SCRATCH status, these rules will be analyzed PRIOR to XITF (Exit-F) getting control. The exit will still be passed control (if the exit is present) and </pre>

Service	Details
	<p>will be the final say and can be used to override the specification in the TMOBLLxx member.</p> <p>Note: XITF(Exit-F) will not be called for Immutable volumes. Immutable volumes only apply to volume(s) created with CA VTape. The CTAPOPTN (TMOBLLxx) member specifies the following parameter:</p> <p>* DD</p> <p>The ddname of the file going through OPEN OUTPUT processing</p> <p>Range: 1 to 8 characters</p> <p>* DSN</p> <p>The data set name in the JCL going through OPEN OUTPUT processing</p> <p>Range: 1 to 44 characters</p> <p>* JOB</p> <p>The job name creating the tape files.</p> <p>Range: 1 to 8 characters</p> <p>* PGM</p> <p>The program name creating tape files.</p> <p>Range: 1 to 8 characters</p> <p>* DBLO=default</p> <p>For the specified combination of JOB, DSN, DD and PGM, Double-Open is allowed all the time (YES or Y); none of the time (NO or N) or use default processing (D or DEFAULT). Default processing for Double-Open is to disallow the processing except for the condition where the JOBNAME and STEPNAME are the same AND the file has been successfully closed AND the block-count recorded in the TMC is zero.</p> <p>Range: YES or Y or NO or N or Default or D</p> <p>* RECREATE=default</p> <p>For the specified combination of JOB, DSN, DD and PGM, Recreate processing is allowed all the time (YES or Y); none of the time (NO or N) or use default processing (D or DEFAULT). Default processing for RECREATE processing is to allow the processing UNLESS the DSN in the JCL does not match the DSN in the TMC (GDG's portion excluded from the compare), OR the expiration date is PERMANENT OR it is out-coded to anything (except LIB). However, default processing also allows an EDM to RECREATE any tape owned by the same EDM.</p> <p>Range: YES or Y or NO or N or Default or D</p> <p>* MOD=default</p> <p>For the specified combination of JOB, DSN, DD and PGM, MOD processing is allowed all the time (YES or Y); none of the time (NO or N) or use default processing (D or DEFAULT). Default processing for MOD processing is always allowed.</p> <p>Range: YES or Y or NO or N or Default or D</p> <p>* IMMUTABLE=default</p> <p>For the specified combination of JOB, DSN, DD and PGM, Immutable processing is allowed ONLY when the dataset is created on a CA VTape subsystem. Specifying Immutable is allowed when either YES or Y are used. Specifying NO will result in the volume not being made Immutable. No is the DEFAULT.</p> <p>Range: YES or Y or NO or N</p> <p>When specifying IMMUTABLE=YES, datasets may be MOD'd too or recreated during the creation of the datasets. Meaning once the volume is dismounted, the volume can no longer be updated.</p> <p>In order to update a volume to be made Immutable, VOL=(,RETAIN) MUST be used between steps referring to the STEP and DDNAME of the prior step(s) that created the dataset that was</p>

[illegible]

Service	Details
	<pre> 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(LOF0) INIT(LOFOINIT) - PARM(REINIT,LPA=TMSKEYXB) LOADLIB(YOUR 15.0 CTAPLINK) +-----+ CA 1 Flexible Storage Version 15.0 +-----+ 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(LOF0) INIT(LOFOINIT) - PARM(REINIT,LPA=TMSSECUR) LOADLIB(YOUR 15.0 CTAPLINK)) . </pre>

Service	Details	
LU09559	LU09559 M.C.S. ENTRIES = ++PTF (LU09559) REWORK(2023083)	
	TMSCLEAN-VOLSEQ>1 NOT INCLUDED IN CURRENT SCRATCH TAPE COUNT	
	PROBLEM DESCRIPTION:	
	When running TMSCLEAN with the parm value set to "TEST,SCRATCHLIST", but no volumes are eligible to go scratch, the "Current Scratch tapes" count does not include volumes that have a VOLSEQ > 1.	
	SYMPTOMS:	
	The "Current scratch tapes" count will not be accurate.	
	IMPACT:	
	The report reflects the wrong number of current scratch tapes.	
	CIRCUMVENTION:	
	Run TMSCLEAN with a parm of SCRATCHRELIST.	
	PRODUCT(S) AFFECTED:	
	CA 1 Tape Management	Version 14.0
	CA 1 Tape Management	Version 15.0
	Related Problem:	
	1 19853	
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	R00038-AL0150	
	DESC(TMSCLEAN-VOLSEQ>1 NOT INCLUDED IN CURRENT SCRATCH TAPE COUNT).	
	++VER (Z038)	
	FMID (CAL0F00)	
	SUP (LT08479 LT09376 LT09454 LT09559)	
	MCS	LU08601 STARTS ON PAGE 0002
	MCS	LU08827 STARTS ON PAGE 0002
	MCS	LU09035 STARTS ON PAGE 0003
	MCS	LU09056 STARTS ON PAGE 0004
	MCS	LU09179 STARTS ON PAGE 0004
	MCS	LU09199 STARTS ON PAGE 0005
	MCS	LU09227 STARTS ON PAGE 0006
	MCS	LU09391 STARTS ON PAGE 0006
	MCS	LU09488 STARTS ON PAGE 0007
	MCS	LU09495 STARTS ON PAGE 0008
	MCS	LU09559 STARTS ON PAGE 0013

CA 1 Flexible Storage 15.0
CA RS 2304 Product/Component Listing

Product Family	Product	Release
Performance and Storage	CA 1 FLEXIBLE STORAGE	15.00.00
	COMMON TAPE	14.00.00
	OSI/COMMON C	14.00.00
UNKNOWN	TAPE ENCRYPTION	15.00.00
	VTAPE	12.06.00
The CA RS 2304 Product/Component Count for this release is 5		

CA 1 Flexible Storage 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2304	LU09559	CAL0F00
	LU09495	CAL0F00
	LU09488	CCUUC60
	LU09391	CAL0F00
	LU09227	CAL0F00
	LU09199	CD4BF00
	LU09179	CCUUC60
	LU09056	CAL0F00
	LU09035	CBAFE00
	LU08827	CAL0F00
	LU08601	CAL0F00
CAR2303	LU09105	CAL0F00
	LU09091	CD4BF00
	LU09051	CCUUC60
	LU09015	CBAFE00
	LU08980	CCUUC60
	LU08920	CD4BF00
	LU08860	CBAFE00
	LU08576	CAL0F00
CAR2301	LU08540	CBAFE00
	LU08496	CCUUC60
	LU08452	CBAFE00
	LU08426	CCUUC60
	LU08425	CCUUC60
	LU08396	CCUUC60
	LU08162	CCUUC60
CAR2212	LU07987	CBAFE00
	LU07938	CBAFE00
	LU07381	CBAFE00
CAR2209	LU06985	CBAFE00
	LU06829	CCUUC60
	LU06806	CAG8E00
	LU06716	CCUUC60
CAR2208	LU06600	CCUUC60
CAR2207	LU05533	CCUUC60
CAR2206	LU05858	CBAFE00
CAR2205	LU05198	CBAFE00
CAR2204	LU04891	CBAFE00
	LU04809	CCUUC60
CAR2112	LU03181	CBAFE00
CAR2111	LU03148	CBAFE00
CAR2110	LU02869	CCUUC60
	LU01301	CBAFE00
CAR2109	LU01269	CBAFE00
CAR2108	LU02187	CBAFE00
	LU00929	CBAFE00
CAR2104	LU00476	CBAFE00

CA 1 Flexible Storage 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	LU00208	CBAFE00
CAR2103	S016223	CBAFE00
	LU00092	CBAFE00
CAR2012	S014490	CCUUC60
CAR2009	S012639	CBAFE00
CAR2008	S012775	CCUUC60
CAR2007	S013575	CCUUC60
	S013571	CBAFE00
CAR2006	S012211	CBAFE00
	S010858	CBAFE00
CAR2005	S012740	CBAFE00
	S012316	CBAFE00
CAR2004	S011919	CCUUC60
CAR2003	S011771	CBAFE00
CAR1910	S009988	CBAFE00
	S009350	CBAFE00
	S008504	CBAFE00
CAR1907	S008225	CCUUC60
	S007340	CBAFE00
CAR1906	S007989	CBAFE00
CAR1905	S007914	CBAFE00
CAR1902	S007077	CBAFE00
	S006907	CBAFE00
CAR1901	S006465	CBAFE00
CAR1812	S005874	CCUUC60
CAR1811	S004905	CCUUC60
CAR1810	S001325	CBAFE00
CAR1809	S004566	CBAFE00
	S003737	CBAFE00
	S001258	CCUUC60
CAR1804	S000375	CBAFE00
CAR1803	S000376	CBAFE00
CAR1801	R097628	CBAFE00
CAR1712	R098491	CAG8E00
	R098211	CBAFE00
CAR1711	R097812	CCUUC60
CAR1709	R096031	CBAFE00
	R094173	CAG8E00
CAR1707	R094583	CBAFE00
CAR1704	R094755	CBAFE00
	R093355	CCUUC60
CAR1703	R094258	CBAFE00
	R093237	CCUUC60
CAR1702	R086715	CBAFE00
	R083248	CBAFE00
CAR1701	R093331	CBAFE00
	R093190	CBAFE00

CA RS Level	Service	FMID
	R093001	CCUUC60
CAR1610	R091971	CBAFE00
	R091847	CBAFE00
	R091301	CBAFE00
CAR1609	R090987	CBAFE00
	R090945	CBAFE00
	R089926	CBAFE00
CAR1607	R090243	CBAFE00
	R088412	CCUUC60
CAR1606	R089925	CBAFE00
CAR1605	R089533	CBAFE00
	R089277	CCUUC60
	R088279	CCUUC60
	R087852	CCUUC60
CAR1604	R088726	CCUUC60
	R087942	CBAFE00
CAR1603	R088159	CCUUC60
	R087844	CBAFE00
CAR1601	R085449	CCUUC60
CAR1512	R084755	CCUUC60
	R083159	CCUUC60
CAR1511	R084843	CCUUC60
CAR1509	R081396	CCUUC60
CAR1508	R082547	CCUUC60
CAR1506	R078201	CCUUC60
CAR1504	R078721	CCUUC60
	R076641	CCUUC60
CAR1503	R078887	CCUUC60
CAR1502	R077691	CCUUC60
	R077377	CCUUC60
	R077376	CCUUC60
CAR1501	R076693	CCUUC60
	R074365	CCUUC60
CAR1411	R074727	CCUUC60
CAR1410	R073696	CCUUC60
	R072341	CCUUC60
CAR1409	R073011	CCUUC60
	R072934	CCUUC60
CAR1408	R071352	CCUUC60
	R071176	CCUUC60
CAR1407	R070379	CCUUC60
CAR1406	R069794	CCUUC60
	R069446	CCUUC60
CAR1405	R068396	CCUUC60
CAR1404	R068476	CCUUC60
	R066633	CCUUC60
	R066612	CCUUC60

CA 1 Flexible Storage 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R066548	CCUUC60
	R066539	CCUUC60
CAR1403	R064842	CCUUC60
	R064840	CCUUC60
	R064097	CCUUC60
	R063178	CCUUC60
	R062226	CCUUC60
	R061949	CCUUC60
CAR1312	R061822	CCUUC60
	R060481	CCUUC60
	R060205	CCUUC60
	R059451	CCUUC60
	R058389	CCUUC60
CAR1309	R060203	CCUUC60
	R060051	CCUUC60
	R059428	CCUUC60
	R058964	CCUUC60
	R058051	CCUUC60
	R058050	CCUUC60
	R058049	CCUUC60
	R057364	CCUUC60
	R057207	CCUUC60
	R057205	CCUUC60
	R054768	CCUUC60
	R053687	CCUUC60
	R052045	CCUUC60
CAR1306	R055898	CCUUC60
	R055116	CCUUC60
	R054767	CCUUC60
	R054116	CCUUC60
	R053620	CCUUC60
	R053301	CCUUC60
	R052900	CCUUC60
CAR1303	R054090	CCUUC60
	R052989	CCUUC60
	R052417	CCUUC60
	R051659	CCUUC60
	R051657	CCUUC60
	R051444	CCUUC60
	R051442	CCUUC60
	R050535	CCUUC60
	R050303	CCUUC60
	R049542	CCUUC60
	R044937	CCUUC60
CAR1212	R050016	CCUUC60
	R048818	CCUUC60
	R048475	CCUUC60

CA 1 Flexible Storage 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R047343	CCUUC60
	R047046	CCUUC60
	R044746	CCUUC60
CAR1210	R046373	CCUUC60
	R045208	CCUUC60
	R045020	CCUUC60
	R043755	CCUUC60
	R042570	CCUUC60
CAR1207	R042450	CCUUC60
	R042114	CCUUC60
	R042082	CCUUC60
	R041648	CCUUC60
	R041541	CCUUC60
	R040290	CCUUC60
	R039151	CCUUC60
	R038137	CCUUC60
	R036932	CCUUC60
	R036703	CCUUC60
CAR1204	R038896	CCUUC60
	R036130	CCUUC60
	R036127	CCUUC60
	R034789	CCUUC60
	R034731	CCUUC60
	R034660	CCUUC60
	R033308	CCUUC60
	R032635	CCUUC60
	R032589	CCUUC60
	R032069	CCUUC60
	R031256	CCUUC60
CAR1201	R035809	CCUUC60
	R035436	CCUUC60
	R032709	CCUUC60
	R032687	CCUUC60
	R032676	CCUUC60
	R032663	CCUUC60
	R032562	CCUUC60
	R031867	CCUUC60
	R031686	CCUUC60
	R031296	CCUUC60
CAR1110	R031568	CCUUC60
	R031505	CCUUC60
	R031504	CCUUC60
	R031366	CCUUC60
	R031329	CCUUC60
	R031255	CCUUC60
	R031169	CCUUC60

CA RS Level	Service	FMID
	R031109	CCUUC60
	R031026	CCUUC60