

ACF2 for z/OS 16.0
CA RS 2303 Service List

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Service	Description	Type
LU08260	ACF2 BACKUP SERIALIZATION	PTF
LU08571	SOC4 ACF01VLD PASSING LONG PASSWORD ON ACVALD SVC CALL	PTF
LU08606	SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO	PTF
LU08607	SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO	PTF
LU08837	CICS: U751 ABEND UNDER CWXN TRANSACTION USAD VERIFY_PASSWORD	PTF
LU08959	GENCERT COMMAND UNDER ACFUNIX DOES NOT DISPLAY OUTPUT	PTF
LU09020	STORAGE LEAK IN SUBPPOL=241 KEY=0 WITH F ACF2,NEWXREF,T(RGP)	*HIP/PRP*
LU09057	CICS: NON-TERMINAL AUTO SIGNONS FAILING WITH DFHWB0360 MSG	** PRP **
LU09115	SAF VERIFY REQUEST GETS ACF01058 WITH PHRASE ONLY SETTING	PTF
LU09154	SOC4 IN ACF7ATAM DURING REFRESH OF CLASS RECORDS FOR TAMZ	PTF
The CA RS 2303 service count for this release is 10		

ACF2 for z/OS
CA RS 2303 Service List for CAX1G00

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FMID	Service	Description	Type
CAX1G00	LU08260	ACF2 BACKUP SERIALIZATION	PTF
	LU08571	SOC4 ACF01VLD PASSING LONG PASSWORD ON ACVALD SVC CALL	PTF
	LU08606	SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO	PTF
	LU08959	GENCERT COMMAND UNDER ACFUNIX DOES NOT DISPLAY OUTPUT	PTF
	LU09020	STORAGE LEAK IN SUBPPOL=241 KEY=0 WITH F ACF2,NEWXREF,T(RGP)	*HIP/PRP*
	LU09115	SAF VERIFY REQUEST GETS ACF01058 WITH PHRASE ONLY SETTING	PTF
	LU09154	SOC4 IN ACF7ATAM DURING REFRESH OF CLASS RECORDS FOR TAMZ	PTF
The CA RS 2303 service count for this FMID is 7			

ACF2 for z/OS
CA RS 2303 Service List for CAX1G03

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FMID	Service	Description	Type
CAX1G03	LU08607	SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO	PTF
	LU08837	CICS: U751 ABEND UNDER CWXN TRANSACTION USAD VERIFY_PASSWORD	PTF
	LU09057	CICS: NON-TERMINAL AUTO SIGNONS FAILING WITH DFHWB0360 MSG	** PRP **
The CA RS 2303 service count for this FMID is 3			

Service	Details																		
LU08260	LU08260 M.C.S. ENTRIES = ++PTF (LU08260) REWORK(2023047) ACF2 BACKUP SERIALIZATION PROBLEM DESCRIPTION: It is possible to issue simultaneous backup and GSO refresh which is not recommended and can cause issues. This has to be serialized by making the backup process issue a shared ENQ against ACCVT and release the same before it ends SYMPTOMS: This can cause a contention (a "deadly embrace") in the ACF2 address space between 1 task processing a GSO REFRESH and another task that is attempting to process an GSO BACKUP request. IMPACT: This situation can cause contention and hence cause resource lockout. On multiple retries of GSO REFRESH and GSO BACKUP at same time, it is possible the ACF2 encounter a SAOA abend and proceed to shutdown CIRCUMVENTION: Not to issue GSO BACKUP when GSO REFRESH is being issued PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 18872 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01091-ACF160 DESC(ACF2 BACKUP SERIALIZATION). ++VER (Z038) FMID (CAX1G00) PRE (LU03622) SUP (LT08260) ++HOLD (LU08260) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23047) COMMENT (<table border="1"> <tr> <td>ACF2 for z/OS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Activate change without IPL</td></tr> <tr> <td>USERS</td><td>All users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Operator commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>z/OS Operator console</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * *****	ACF2 for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change without IPL	USERS	All users	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
ACF2 for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
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USERS	All users																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

Service	Details
	1. LLA Refresh 2. Stop and restart ACF2) .

Service	Details		
LU08571	LU08571 M.C.S. ENTRIES = ++PTF (LU08571) REWORK(2023045)		
	SOC4 ACF01VLD PASSING LONG PASSWORD ON ACVALD SVC CALL		
	PROBLEM DESCRIPTION:		
	Possible SOC4 abend in ACF01VLD when we get called with the ACVALD plist set up to pass a long password that is not supported in ACF2. The abend happens when the ACVPSWD is passed pointing to a password that is greater than 8 characters and the ACVXFLG3 flag is set to ACVX3LPW saying long password has been passed.		
	SYMPTOMS:		
	CCSR010E SVCARECV SOC4 at 09B491E6 LMOD ACF00SVA CSECT ACF01VLD		
	IMPACT:		
	The svc call abends and the call fails.		
	CIRCUMVENTION:		
	None		
	PRODUCT(S) AFFECTED:		
	ACF2 for z/OS	Version 16.0	
	Related Problem:		
	ACF2MS 18941		
	(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved		
	R01098-ACF160		
	DESC(SOC4 ACF01VLD PASSING LONG PASSWORD ON ACVALD SVC CALL).		
	++VER (Z038)		
	FMID (CAX1G00)		
	PRE (LU02479 LU03622 LU05334 LU05336 LU05337 LU05513 LU07522		
	LU08442 R080625 R084877 R084952 R089360 R091120 R092400		
	R092884 R095203 R095460 R095461 R097094 R097388 R097777		
	R097779 R099159 R099164 S001422 S001518 S001559 S001563		
	S001728 S003886 S003889 S005486 S006686 S007040 S007042		
	S009545 S010329 S011443 S013143 S014852 S016044)		
	SUP (AC05339 AL02479 AR97779 AS01563 AS03889 AS07042 AS11443		
	BS07042 LT01453 LT05160 LT05330 LT05774 LT07343 LT08167		
	LT08571 LU01453 LU05160 LU05330 LU05774 LU07343 LU08167		
	OC87799 RC87799 R091396 R095192 R097073 R097763 S000374		
	S000474 S001064 S005045 S005420 S005787 S007724 S009547		
	S010255 S012328 S013141 S013142 S014547 S014762 S015259		
	ST00374 ST00474 ST01064 ST05045 ST05420 ST05787 ST07724		
	ST09547 ST10255 ST12086 ST12328 ST12985 ST12992 ST13059		
	ST13141 ST13142 ST14547 ST14762 ST15259 TR91396 TR95192		
	TR97073 TR97763 XC87799)		
	++HOLD (LU08571) SYSTEM FMID(CAX1G00)		
	REASON (DYNACT) DATE (23045)		
	COMMENT (		
	+-----+-----+-----+		
	ACF2 for z/OS	Version 16.0	
	+-----+-----+-----+		
	SEQUENCE	After Apply	
	+-----+-----+-----+		
	PURPOSE	Activate change without IPL	
	+-----+-----+-----+		
	USERS	All users	
	AFFECTED		
	+-----+-----+-----+		

Service	Details
	KNOWLEDGE Operator commands
	REQUIRED
	+-----+-----+
	ACCESS z/OS Operator console
	REQUIRED
	+-----+-----+

	* STEPS TO PERFORM *

	1. F LLA,REFRESH
	2. F ACF2,NEWMOD(ACF00SVA)
	) .

Service	Details		
LU08606	LU08606 M.C.S. ENTRIES = ++PTF (LU08606) REWORK(2023047) SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO PROBLEM DESCRIPTION: An occasional timing problem may cause an SOC1 abend during CICS shutdown due to the ACUMUS anchor to ACFAEHRP getting dropped prematurely. SYMPTOMS: CCSR010E SVCARECV SOC1 at 00000002 LMOD N/A CSECT ACF00MSI IMPACT: Unnecessary dump produced. No real impact otherwise. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19240 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01099-ACF160 DESC(SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO) . ++VER (Z038) FMID (CAX1G00) PRE (LU03622) SUP (LT08606 R089397 TR89397) ++IF FMID(CAX1G03) REQ(LU08607) . ++HOLD (LU08606) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23047) COMMENT (<table border="1"> <tr> <td>ACF2 for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Enable new code USERS All users AFFECTED KNOWLEDGE z/OS Console commands REQUIRED ACCESS z/OS Console REQUIRED ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. 'F ACF2,NEWMOD(ACF00SVA) ' 3. Issue: ACFE=NEWC=ACFAESHT transaction in active CICS regions).	ACF2 for z/OS	Version 16.0
ACF2 for z/OS	Version 16.0		

Service	Details		
LU08607	LU08607 M.C.S. ENTRIES = ++PTF (LU08607) REWORK(2023047) SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO PROBLEM DESCRIPTION: An occasional timing problem may cause an SOC1 abend during CICS shutdown due to the ACUMUS anchor to ACFAEHRP getting dropped prematurely. SYMPTOMS: CCSR010E SVCARECV SOC1 at 00000002 LMOD N/A CSECT ACF00MSI IMPACT: Unnecessary dump produced. No real impact otherwise. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19240 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01099-ACF160 DESC(SOC1 ABEND AT LOCATION ZERO DURING CICS SHUTDOWN;ACUMUS=ZERO) . ++VER (Z038) FMID (CAX1G03) PRE (LU03625) SUP (LT08607) ++IF FMID(CAX1G00) REQ(LU08606) . ++HOLD (LU08607) SYSTEM FMID(CAX1G03) REASON (DYNACT) DATE (23047) COMMENT (<table border="1"> <tr> <td>ACF2 for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Enable new code USERS All users AFFECTED KNOWLEDGE z/OS Console commands REQUIRED ACCESS z/OS Console REQUIRED ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. 'F ACF2,NEWMOD(ACF00SVA) ' 3. Issue: ACFE=NEWC=ACFAESHT transaction in active CICS regions).	ACF2 for z/OS	Version 16.0
ACF2 for z/OS	Version 16.0		

Service	Details
LU08837	LU08837 M.C.S. ENTRIES = ++PTF (LU08837) REWORK(2023038) CICS: U751 ABEND UNDER CWXN TRANSACTION USAD VERIFY_PASSWORD PROBLEM DESCRIPTION: A VERIFY CREATE may occur in CICS without the benefit of a USAD or XSAD Signon process. This has been observed within USAD VERIFY_PASSWORD processing. In this case no ACEE has yet been built by ACF2 CICS so the VERIFY CREATE will not find a pre-existing one. This may lead to a 'U751 Unable to Locate SRT' abend. SYMPTOMS: ACFAE751 ACFAESAF UNABLE TO LOCATE SRT IMPACT: SVC Dump produced CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19489 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01103-ACF160 DESC(CICS: U751 ABEND UNDER CWXN TRANSACTION USAD VERIFY_PASSWORD). ++VER (Z038) FMID (CAX1G03) PRE (LU03625 LU06008 LU07885 R084878 R097780 S001560 S003743) SUP (AS01560 AS12929 CC88377 FC88377 LT03628 LT08837 LU03628 R099049 R099749 R099953 S000096 S001736 S007365 S008993 S010542 S012929 S013833 ST00096 ST00510 ST01192 ST01736 ST07365 ST08993 ST10542 ST12929 ST13833 TR99049 TR99749 TR99953) ++HOLD (LU08837) SYSTEM FMID(CAX1G03) REASON (DYNACT) DATE (23038) COMMENT (<pre> +-----+ ACF2 for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Enable new code +-----+ USERS All users AFFECTED +-----+ KNOWLEDGE CICS Regions REQUIRED +-----+ ACCESS CICS Regions REQUIRED z/OS Console +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (if applicable) </pre>

Service	Details
	2. Recycle CICS regions).

Service	Details																		
LU08959	LU08959 M.C.S. ENTRIES = ++PTF (LU08959) REWORK(2023045) GENCERT COMMAND UNDER ACFUNIX DOES NOT DISPLAY OUTPUT PROBLEM DESCRIPTION: When issuing the GENCERT command under the acfunix command, sometimes the output of the command is not displayed. SYMPTOMS: Command is successful or fails but caller does not see any output. IMPACT: Difficult to determine if command succeeded or failed CIRCUMVENTION: Add TSO before the acfunix command. PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19570 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01109-ACF160 DESC(GENCERT COMMAND UNDER ACFUNIX DOES NOT DISPLAY OUTPUT). ++VER (Z038) FMID (CAX1G00) PRE (LU01752 LU03622 LU08569 S009398 S016122) SUP (LT08959) ++HOLD (LU08959) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23045) COMMENT (<table border="1"> <tr> <td>ACF2 for z/OS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Activate change without IPL</td></tr> <tr> <td>USERS</td><td>All users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Operator commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>z/OS Operator console</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH 2. F ACF2,NEWMOD(SAFCRGCT)).	ACF2 for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change without IPL	USERS	All users	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
ACF2 for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate change without IPL																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

Service	Details
LU09020	LU09020 M.C.S. ENTRIES = ++PTF (LU09020) REWORK(2023058) STORAGE LEAK IN SUBPPOL=241 KEY=0 WITH F ACF2,NEWXREF,T(RGP) PROBLEM DESCRIPTION: If a site uses resource grouping X(RGP) records they will orphan x'2000' bytes in SUBPOOL=241, KEY=0 in ECSA each time the F ACF2,NEWXREF,T(RGP) command is issued. The command will orphan x'2000' bytes for each resource type code that is globally resident. This means if you have 10 resources that are globally resident and have them defined in X(RGP) records, you will end up with 10, x'2000' areas that will be orphaned each time the NEWXREF command is issued. SYMPTOMS: May run into storage shortage type abends. IMPACT: May run out of ECSA. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19611 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01111-ACF160 DESC(STORAGE LEAK IN SUBPPOL=241 KEY=0 WITH F ACF2,NEWXREF,T(RGP)). ++VER (Z038) FMID (CAX1G00) PRE (LU00294 LU02126 LU03622 R092884 R099162 S011443 S012291 S014601) SUP (AC09290 LT09020) ++HOLD (LU09020) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23058) COMMENT (<pre> +-----+ ACF2 for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate change without IPL +-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH </pre>

Service	Details
	2. Stop and restart ACF2).

Service	Details														
LU09057	LU09057 M.C.S. ENTRIES = ++PTF (LU09057) REWORK(2023047) CICS: NON-TERMINAL AUTO SIGNONS FAILING WITH DFHQB0360 MSG PROBLEM DESCRIPTION: We recently identified an issue with CICS auto signon process in CTS61 that occurs only with a particular type of configuration - i.e. when non-terminal default id of the cics region is same as terminal dflt. Issue causes the non-terminal auto signon process to fail impacting TIMEOUT functionality (if it is on) and logon to CICS region via web link (if it is a WUI region). This issue won't impact the CICS regions having non-terminal dflt id different from terminal default. You can see these ids information via ACFM-->OM-->Default option or in the ACF2PARMS file used to bring up the CICS region. SYMPTOMS: You will see following messages in cics region logs. DFHQB0360 an attempt to establish security for userid XXXXXXXX has failed. Transaction XXXX cannot be started. SAF CODES ARE (X'00000008',X'00000000'). ESM CODES ARE (X'00000004',X'00000000'). IMPACT: This defect would impact TIMEOUT functionality and accessing of CICS regions via WUI WEB links. This change will fix this issue. CIRCUMVENTION: This issue only occurs when non-terminal default is same as terminal default PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19635 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01112-ACF160 DESC(CICS: NON-TERMINAL AUTO SIGNONS FAILING WITH DFHQB0360 MSG). ++VER (Z038) FMID (CAX1G03) PRE (LU03625 LU06008 LU07885) SUP (AL07885 LT09057) ++HOLD (LU09057) SYSTEM FMID(CAX1G03) REASON (DYNACT) DATE (23047) COMMENT (<table border="1"> <tr> <td>ACF2 for z/OS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>code sending</td></tr> <tr> <td>USERS</td><td>Users of CICS regions that have ACF2 CICS installed</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>SMP/E for ACF2 and CICS admin procedures</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> -----+-----	ACF2 for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	code sending	USERS	Users of CICS regions that have ACF2 CICS installed	AFFECTED		KNOWLEDGE	SMP/E for ACF2 and CICS admin procedures	REQUIRED	
ACF2 for z/OS	Version 16.0														
SEQUENCE	After Apply														
PURPOSE	code sending														
USERS	Users of CICS regions that have ACF2 CICS installed														
AFFECTED															
KNOWLEDGE	SMP/E for ACF2 and CICS admin procedures														
REQUIRED															

Service	Details
	ACCESS ACF2 SMP/E datasets and Z/OS operator commands REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA,REFRESH if applicable 2. ACFE=NEWC=CAKSSIGN).

Service	Details														
LU09115	LU09115 M.C.S. ENTRIES = ++PTF (LU09115) REWORK(2023048) SAF VERIFY REQUEST GETS ACF01058 WITH PHRASE ONLY SETTING PROBLEM DESCRIPTION: SAF VERIFY calls are getting an ACF01058 message when passing a PASSTICKET for the password. This happens when AES256 is specified in the GSO PSWD PSWDENCT(AES2) record and the userid on the verify is set up to use PWPHRASE only. This can be at the global level or at the logonid level only. The PTKTDATA SSIGNON record that is being extracted for this PASSTICKET access also needs to have NOMULT-USE set. SYMPTOMS: ACF01058 A PASSWORD PHRASE MUST BE USED IMPACT: Unable to do a verify for a logonid in this situation. CIRCUMVENTION: A site could update the PTKTDATA SSIGNON record that is being used to be MULT-USE until the fix can be applied. PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19680 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01115-ACF160 DESC(SAF VERIFY REQUEST GETS ACF01058 WITH PHRASE ONLY SETTING). ++VER (Z038) FMID (CAX1G00) PRE (LU02479 LU03622 LU05334 LU05336 LU05337 LU05513 LU07522 LU08442 LU08571 R080625 R084877 R084952 R089360 R091120 R092400 R092884 R095203 R095460 R095461 R097094 R097388 R097777 R097779 R099159 R099164 S001422 S001518 S001559 S001563 S001728 S003886 S003889 S005486 S006686 S007040 S007042 S009545 S010329 S011443 S013143 S014852 S016044) SUP (AC05339 AL02479 AR97779 AS01563 AS03889 AS07042 AS11443 BS07042 LT01453 LT05160 LT05330 LT05774 LT07343 LT08167 LT09115 LU01453 LU05160 LU05330 LU05774 LU07343 LU08167 OC87799 RC87799 R091396 R095192 R097073 R097763 S000374 S000474 S001064 S005045 S005420 S005787 S007724 S009547 S010255 S012328 S013141 S013142 S014547 S014762 S015259 ST00374 ST00474 ST01064 ST05045 ST05420 ST05787 ST07724 ST09547 ST10255 ST12086 ST12328 ST12985 ST12992 ST13059 ST13141 ST13142 ST14547 ST14762 ST15259 TR91396 TR95192 TR97073 TR97763 XC87799) ++HOLD (LU09115) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23048) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>ACF2 for z/OS Version 16.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE After Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Activate change without IPL </td></tr> <tr> <td>+</td><td>-----+</td></tr> </table>	+	-----+		ACF2 for z/OS Version 16.0	+	-----+		SEQUENCE After Apply	+	-----+		PURPOSE Activate change without IPL	+	-----+
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	PURPOSE Activate change without IPL														
+	-----+														

Service	Details
	USERS All users AFFECTED +-----+ KNOWLEDGE Operator commands REQUIRED +-----+ ACCESS z/OS Operator console REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH 2. F ACF2,NEWMOD (ACF00SVA)).

Service	Details																																		
LU09154	LU09154 M.C.S. ENTRIES = ++PTF (LU09154) REWORK(2023055) SOC4 IN ACF7ATAM DURING REFRESH OF CLASS RECORDS FOR TAMZ PROBLEM DESCRIPTION: There is a possibility of an abend SOC4 during a refresh of class records for TAMz. The abend is because we are trying to store the token of the recently gotten piece of 64bit storage for our internal class table. We are accidentally treating the token as a pointer to the token instead of the token itself. When the token value points to unallocated storage the SOC4 occurs. There are no other problems due to us storing an invalid token value into our internal table when we do not abend. We do not use the token value to release the this storage later so it does not cause us any problems. We are simply saving the value in case we need it in the future. SYMPTOMS: CCSR010E ACF79REF SOC4 at xxxxxxxx LMOD ACF79TRT CSECT ACF7ATAM IMPACT: Unable to refresh the class records for TAMz CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 19708 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01117-ACF160 DESC(SOC4 IN ACF7ATAM DURING REFRESH OF CLASS RECORDS FOR TAMZ). ++VER (Z038) FMID (CAX1G00) PRE (LU00392 LU03622 R099162 S006579 S016138 S016143 S016147) SUP (LT09154) ++HOLD (LU09154) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (23055) COMMENT (<table> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> </td> <td>ACF2 for z/OS</td> </tr> <tr> <td></td> <td>Version 16.0</td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply</td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Activate change without IPL</td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> USERS</td> <td> All users</td> </tr> <tr> <td> AFFECTED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> Operator commands</td> </tr> <tr> <td> REQUIRED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> <tr> <td> ACCESS</td> <td> z/OS Operator console</td> </tr> <tr> <td> REQUIRED</td> <td> </td> </tr> <tr> <td colspan="2">+-----+-----+-----+</td> </tr> </table> *****	+-----+-----+-----+			ACF2 for z/OS		Version 16.0	+-----+-----+-----+		SEQUENCE	After Apply	+-----+-----+-----+		PURPOSE	Activate change without IPL	+-----+-----+-----+		USERS	All users	AFFECTED		+-----+-----+-----+		KNOWLEDGE	Operator commands	REQUIRED		+-----+-----+-----+		ACCESS	z/OS Operator console	REQUIRED		+-----+-----+-----+	
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Service	Details		
	* STEPS TO PERFORM *		

	1. F LLA,REFRESH		
	).		
MCS	LU08260	STARTS ON PAGE 0002	
MCS	LU08571	STARTS ON PAGE 0003	
MCS	LU08606	STARTS ON PAGE 0005	
MCS	LU08607	STARTS ON PAGE 0006	
MCS	LU08837	STARTS ON PAGE 0007	
MCS	LU08959	STARTS ON PAGE 0009	
MCS	LU09020	STARTS ON PAGE 0010	
MCS	LU09057	STARTS ON PAGE 0011	
MCS	LU09115	STARTS ON PAGE 0013	
MCS	LU09154	STARTS ON PAGE 0015	

ACF2 for z/OS 16.0
CA RS 2303 Product/Component Listing

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Product Family	Product	Release
Security	CA-ACF2-MVS	16.00.00
The CA RS 2303 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2303	LU09154	CAX1G00
	LU09115	CAX1G00
	LU09057	CAX1G03
	LU09020	CAX1G00
	LU08959	CAX1G00
	LU08837	CAX1G03
	LU08607	CAX1G03
	LU08606	CAX1G00
	LU08571	CAX1G00
	LU08260	CAX1G00
	LU08627	CAX1G00
	LU08569	CAX1G00
CAR2302	LU08442	CAX1G00
	LU07885	CAX1G03
	LU08279	CAX1G00
	LU08277	CAX1G00
CAR2301	LU08167	CAX1G00
	LU08115	CAX1G00
	LU07522	CAX1G00
CAR2212	LU07804	CAX1G00
	LU07787	CAX1G00
CAR2211	LU07784	CAX1G03
	LU07685	CAX1G00
	LU07675	CAX1G00
	LU07555	CAX1G00
	LU07516	CAX1G00
	LU07444	CAX1G00
	LU07343	CAX1G00
	LU07319	CAX1G00
	LU07184	CAX1G00
	LU07050	CAX1G00
	LU06813	CAX1G00
	LU06664	CAX1G00
	LU06602	CAX1G00
	LU06571	CAX1G00
	LU05961	CAX1G00
	LU05465	CAX1G00
	LU07447	CAX1G00
	LU07274	CAX1G00
	LU07241	CAX1G00
	LU07003	CAX1G00
CAR2210	LU06427	CAX1G00
	LU05372	CAX1G00
	LU07031	CAX1G00
	LU06157	CAX1G00
	LU06008	CAX1G03
	LU05898	CAX1G03

CA RS Level	Service	FMID
	LU05805	CAX1G00
	LU05692	CAX1G00
	LU04821	CAX1G00
CAR2208	LU06582	CAX1G00
	LU06506	CAX1G00
	LU06470	CAX1G00
	LU06438	CAX1G00
	LU05774	CAX1G00
	LU05610	CAX1G00
	LU05308	CAX1G00
CAR2207	LU06315	CAX1G00
	LU06043	CAX1G00
	LU04828	CAX1G00
CAR2206	LU05940	CAX1G00
	LU05834	CAX1G00
	LU05760	CAX1G00
	LU05757	CAX1G00
	LU05560	CAX1G00
	LU05526	CAX1G00
	LU05525	CAX1G00
	LU05438	CAX1G00
	LU05295	CAX1G00
	LU05274	CAX1G00
	LU04673	CAX1G00
	LU03818	CAX1G00
CAR2205	LU05513	CAX1G00
	LU05460	CAX1G00
	LU05338	CAX1G00
	LU05337	CAX1G00
	LU05336	CAX1G00
	LU05334	CAX1G00
	LU05229	CAX1G00
	LU05063	CAX1G00
	LU04603	CAX1G00
	LU03775	CAX1G00
CAR2204	LU05330	CAX1G00
	LU05259	CAX1G00
	LU05160	CAX1G00
	LU04765	CAX1G00
	LU04715	CAX1G00
	LU04693	CAX1G00
	LU04678	CAX1G00
	LU04471	CAX1G00
	LU04344	CAX1G00
	LU04173	CAX1G03
	LU03853	CAX1G03
	LU03786	CAX1G00

CA RS Level	Service	FMID
	LU03066	CAX1G00
	LU02479	CAX1G00
CAR2203	LU04670	CAX1G00
	LU04584	CAX1G00
	LU04568	CAX1G00
	LU04327	CAX1G00
	LU04089	CAX1G00
	LU03820	CAX1G00
	LU03815	CAX1G00
	LU03758	CAX1G00
	LU03628	CAX1G03
	LU03517	CAX1G00
	LU01824	CAX1G00
CAR2202	LU04090	CAX1G00
	LU03722	CAX1G00
	LU03634	CAX1G00
	LU03498	CAX1G00
	LU03462	CAX1G00
	LU03269	CAX1G00
	LU02855	CAX1G00
	LU02738	CAX1G00
	LU02644	CAX1G00
	LU02585	CAX1G00
	LU02467	CAX1G00
	LU02351	CAX1G00
	LU02339	CAX1G03
	LU02126	CAX1G00
	LU02083	CAX1G00
	LU01752	CAX1G00
CAR2201	LU03440	CAX1G00
CAR2112	LU03627	CAX1G05
	LU03626	CAX1G04
	LU03625	CAX1G03
	LU03624	CAX1G02
	LU03623	CAX1G01
	LU03622	CAX1G00
	LU03456	CAX1G00
	LU03310	CAX1G00
	LU02625	CAX1G00
CAR2111	LU03046	CAX1G00
	LU02965	CAX1G00
	LU02957	CAX1G00
	LU02323	CAX1G00
	LU01399	CAX1G00
CAR2110	LU02867	CAX1G00
	LU02703	CAX1G00
	LU02611	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	LU02567	CAX1G02
	LU02543	CAX1G03
	LU02533	CAX1G00
	LU02494	CAX1G00
	LU02444	CAX1G00
	LU02296	CAX1G00
	LU02273	CAX1G00
	LU02120	CAX1G00
	LU01959	CAX1G00
	LU01861	CAX1G01
	LU01785	CAX1G00
	LU01777	CAX1G00
	LU01734	CAX1G00
	LU01698	CAX1G00
	LU01672	CAX1G00
	LU01637	CAX1G00
	LU01601	CAX1G00
	LU01593	CAX1G00
	LU01453	CAX1G00
	LU01316	CAX1G00
	LU01267	CAX1G00
	LU01128	CAX1G00
	LU01074	CAX1G00
	LU00950	CAX1G03
	LU00935	CAX1G00
	LU00711	CAX1G00
CAR2109	LU01704	CAX1G00
	LU00612	CAX1G00
	LU00566	CAX1G00
	LU00553	CAX1G00
	LU00515	CAX1G00
CAR2108	LU02167	CAX1G00
	LU00294	CAX1G00
CAR2107	LU01502	CAX1G00
	LU00866	CAX1G00
CAR2106	S016302	CAX1G00
	S016293	CAX1G00
	S016249	CAX1G00
	S016148	CAX1G00
	S016147	CAX1G00
	S016146	CAX1G00
	S016145	CAX1G00
	S016144	CAX1G00
	S016143	CAX1G00
	S016044	CAX1G00
	LU00765	CAX1G00
	LU00718	CAX1G00

CA RS Level	Service	FMID
	LU00392	CAX1G00
	LU00376	CAX1G00
CAR2105	LU00885	CAX1G00
	LU00203	CAX1G04
CAR2104	S016139	CAX1G00
	S016138	CAX1G00
	S016122	CAX1G00
	S016058	CAX1G00
	S015993	CAX1G03
	S015874	CAX1G00
	S015809	CAX1G00
	S015752	CAX1G00
	S015442	CAX1G00
	S015259	CAX1G00
	S015042	CAX1G00
	S014888	CAX1G00
	S014742	CAX1G00
	S014478	CAX1G00
	LU00748	CAX1G00
	LU00536	CAX1G02
	LU00484	CAX1G00
	LU00295	CAX1G00
CAR2103	S016264	CAX1G00
	S014601	CAX1G00
CAR2102	S016098	CAX1G00
	S015167	CAX1G00
CAR2101	S015861	CAX1G01
	S015808	CAX1G01
	S015747	CAX1G01
	S014649	CAX1G00
	S014540	CAX1G00
	S013921	CAX1G00
CAR2012	S015560	CAX1G00
	S015537	CAX1G00
	S015033	CAX1G00
	S014735	CAX1G00
CAR2011	S014992	CAX1G00
	S014952	CAX1G00
	S014852	CAX1G00
	S014802	CAX1G00
	S014762	CAX1G00
	S014714	CAX1G03
	S014547	CAX1G00
	S014258	CAX1G00
CAR2010	S014783	CAX1G00
	S014722	CAX1G00
	S014614	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S014269	CAX1G00
	S014042	CAX1G00
CAR2009	S014631	CAX1G00
	S014280	CAX1G00
	S014200	CAX1G00
	S014162	CAX1G00
	S014108	CAX1G00
	S014103	CAX1G00
	S014051	CAX1G00
	S013978	CAX1G00
	S013754	CAX1G00
	S013513	CAX1G00
	S013250	CAX1G00
	S013192	CAX1G00
	S013143	CAX1G00
	S013142	CAX1G00
	S012963	CAX1G00
	S012882	CAX1G00
	S012788	CAX1G00
	S012738	CAX1G02
	S012720	CAX1G00
	S012667	CAX1G00
	S012556	CAX1G00
	S012291	CAX1G00
	S012160	CAX1G00
	S012111	CAX1G00
	S011869	CAX1G00
	S011827	CAX1G00
	S011690	CAX1G00
	S011664	CAX1G00
	S011631	CAX1G00
CAR2008	S014040	CAX1G03
	S013833	CAX1G03
	S013795	CAX1G00
	S013598	CAX1G00
	S013452	CAX1G00
	S013034	CAX1G00
	S012480	CAX1G00
CAR2007	S013640	CAX1G00
	S013376	CAX1G03
	S013141	CAX1G00
	S012969	CAX1G00
	S012684	CAX1G00
	S011494	CAX1G00
	S011439	CAX1G00
	S009833	CAX1G03
CAR2006	S013163	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S012970	CAX1G04
	S012929	CAX1G03
CAR2005	S012739	CAX1G04
	S012328	CAX1G00
	S011887	CAX1G00
	S011344	CAX1G00
	S011277	CAX1G01
CAR2004	S012295	CAX1G00
	S011647	CAX1G00
	S011443	CAX1G00
	S011189	CAX1G00
CAR2003	S011903	CAX1G00
	S011856	CAX1G00
CAR2002	S011661	CAX1G00
CAR2001	S011356	CAX1G03
	S011352	CAX1G00
	S011262	CAX1G00
	S010846	CAX1G00
	S010599	CAX1G00
	S010544	CAX1G00
	S010542	CAX1G03
	S010463	CAX1G00
	S010355	CAX1G00
	S010334	CAX1G00
	S010329	CAX1G00
	S010295	CAX1G00
	S010255	CAX1G00
	S010216	CAX1G00
	S010186	CAX1G00
	S010184	CAX1G00
	S010183	CAX1G00
	S010166	CAX1G00
	S010096	CAX1G00
	S009277	CAX1G00
CAR1912	S009961	CAX1G00
	S007541	CAX1G00
CAR1911	S010567	CAX1G00
	S010412	CAX1G00
	S010293	CAX1G00
	S010246	CAX1G00
	S009810	CAX1G00
	S009696	CAX1G04
	S009369	CAX1G00
	S009271	CAX1G00
	S009246	CAX1G00
	S009112	CAX1G00
	S008932	CAX1G00

CA RS Level	Service	FMID
	S008727	CAX1G00
	S008396	CAX1G00
	S008334	CAX1G00
CAR1910	S010113	CAX1G00
	S010052	CAX1G00
	S009757	CAX1G00
	S009684	CAX1G00
	S009656	CAX1G01
	S009547	CAX1G00
	S009545	CAX1G00
	S009400	CAX1G03
	S009398	CAX1G00
	S009195	CAX1G00
	S008264	CAX1G00
CAR1909	S009168	CAX1G00
	S009036	CAX1G00
CAR1908	S009388	CAX1G00
	S009238	CAX1G00
	S009114	CAX1G00
	S008993	CAX1G03
	S008812	CAX1G04
	S008710	CAX1G00
	S008610	CAX1G00
	S008589	CAX1G00
CAR1907	S008630	CAX1G00
	S008613	CAX1G00
	S008600	CAX1G00
	S008598	CAX1G00
CAR1906	S008480	CAX1G03
	S008263	CAX1G00
	S008259	CAX1G00
	S008219	CAX1G00
	S008196	CAX1G00
	S008055	CAX1G00
	S007965	CAX1G00
	S007950	CAX1G00
	S007898	CAX1G00
CAR1905	S008052	CAX1G00
	S007963	CAX1G04
	S007871	CAX1G00
	S007725	CAX1G03
	S007704	CAX1G00
	S007430	CAX1G00
CAR1904	S007762	CAX1G00
	S007724	CAX1G00
	S007682	CAX1G00
	S007594	CAX1G00

CA RS Level	Service	FMID
	S007585	CAX1G00
	S007573	CAX1G03
	S007555	CAX1G00
	S007429	CAX1G00
	S007365	CAX1G03
	S007326	CAX1G00
	S007290	CAX1G00
	S007184	CAX1G03
	S006428	CAX1G03
CAR1903	S007427	CAX1G00
	S007424	CAX1G00
	S007165	CAX1G00
	S007136	CAX1G03
	S007057	CAX1G00
	S007037	CAX1G00
	S007032	CAX1G00
	S007002	CAX1G00
	S006996	CAX1G00
	S006912	CAX1G03
	S006747	CAX1G00
	S006681	CAX1G00
	S006672	CAX1G00
	S006633	CAX1G00
	S006357	CAX1G00
CAR1902	S007042	CAX1G00
	S007040	CAX1G00
	S006670	CAX1G00
CAR1901	S006691	CAX1G00
	S006686	CAX1G00
	S006666	CAX1G00
	S006605	CAX1G00
	S006603	CAX1G00
	S006579	CAX1G00
	S006563	CAX1G00
	S006531	CAX1G00
	S006363	CAX1G00
	S006310	CAX1G00
	S006234	CAX1G00
	S006214	CAX1G00
	S006033	CAX1G00
	S005978	CAX1G00
	S005795	CAX1G00
	S005772	CAX1G00
	S005771	CAX1G00
	S005763	CAX1G00
	S005723	CAX1G00
	S005647	CAX1G00

CA RS Level	Service	FMID
	S004012	CAX1G03
	R085622	CAX1G00
	R083832	CAX1G00
	R081740	CAX1G00
	R081599	CAX1G00
	R080418	CAX1G00
CAR1812	S006423	CAX1G00
	S006278	CAX1G03
	S006277	CAX1G00
	S006183	CAX1G00
	S006073	CAX1G03
	S005563	CAX1G00
	S005557	CAX1G03
	S005388	CAX1G00
CAR1811	S006001	CAX1G00
	S005787	CAX1G00
	S005764	CAX1G00
	S005736	CAX1G00
	S005721	CAX1G00
	S005487	CAX1G03
	S005486	CAX1G00
	S005485	CAX1G00
	S005420	CAX1G00
	S005363	CAX1G00
	S005219	CAX1G00
	S005214	CAX1G00
	S005161	CAX1G00
	S004740	CAX1G00
	S004537	CAX1G00
	S003900	CAX1G00
CAR1810	S005539	CAX1G00
	S005530	CAX1G00
	S005400	CAX1G01
	S005265	CAX1G00
CAR1809	S005195	CAX1G00
	S005094	CAX1G00
	S005045	CAX1G00
	S005030	CAX1G02
	S004939	CAX1G00
	S004804	CAX1G00
	S004781	CAX1G00
	S004776	CAX1G00
	S004588	CAX1G00
	S004551	CAX1G00
	S004431	CAX1G00
CAR1808	S004558	CAX1G00
	S004534	CAX1G00

ACF2 for z/OS 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S004448	CAX1G00
	S004395	CAX1G00
	S004242	CAX1G01
	S004209	CAX1G00
	S004001	CAX1G00
	S003907	CAX1G00
	S003889	CAX1G00
	S003681	CAX1G04
	S001109	CAX1G00
	R099418	CAX1G04
	R085623	CAX1G00
	R084836	CAX1G00
	R083835	CAX1G00
	R080735	CAX1G00
CAR1807	S004159	CAX1G00
	S004153	CAX1G00
	S004077	CAX1G00
	S004064	CAX1G00
	S004047	CAX1G00
	S004032	CAX1G00
	S003891	CAX1G00
	S003886	CAX1G00
	S003885	CAX1G00
	S003867	CAX1G00
	S003743	CAX1G03
	S003742	CAX1G00
	S003663	CAX1G00
	S003636	CAX1G00
	S003632	CAX1G00
	S003574	CAX1G00
	S001732	CAX1G00
	S001703	CAX1G00
	S001634	CAX1G00
	S001066	CAX1G03
CAR1806	S003630	CAX1G00
	S003591	CAX1G00
	S003573	CAX1G00
	S001806	CAX1G00
	S001736	CAX1G03
	S001729	CAX1G01
	S001728	CAX1G00
	S001691	CAX1G01
	S001588	CAX1G00
	S001571	CAX1G00
	S001563	CAX1G00
	S001560	CAX1G03
	S001559	CAX1G00

CA RS Level	Service	FMID
	S001518	CAX1G00
	S001422	CAX1G00
	S001377	CAX1G00
	S000930	CAX1G00
CAR1805	S001516	CAX1G00
	S001449	CAX1G00
	S001421	CAX1G03
	S001203	CAX1G00
	S001101	CAX1G00
CAR1804	S001099	CAX1G00
	S001064	CAX1G00
	S001020	CAX1G00
	S000979	CAX1G01
	S000976	CAX1G00
	S000961	CAX1G01
	S000955	CAX1G00
	S000944	CAX1G00
	S000901	CAX1G03
	S000818	CAX1G03
	S000774	CAX1G00
	S000680	CAX1G00
	S000564	CAX1G00
	S000459	CAX1G01
	S000318	CAX1G00
	S000304	CAX1G00
	S000214	CAX1G00
	S000153	CAX1G00
	S000010	CAX1G00
	R099677	CAX1G00
	R099469	CAX1G00
CAR1803	S000479	CAX1G00
	S000474	CAX1G00
	S000374	CAX1G00
	S000314	CAX1G00
	S000221	CAX1G03
	S000096	CAX1G03
	R099953	CAX1G03
	R099350	CAX1G00
	R099336	CAX1G00
	R098916	CAX1G01
CAR1802	S000111	CAX1G00
	R099950	CAX1G00
	R099742	CAX1G00
	R099493	CAX1G00
	R099160	CAX1G00
CAR1801	R099749	CAX1G03
	R099360	CAX1G00

CA RS Level	Service	FMID
	R099343	CAX1G00
	R099164	CAX1G00
	R099163	CAX1G00
	R099162	CAX1G00
	R099159	CAX1G00
	R099147	CAX1G00
	R099138	CAX1G03
	R099049	CAX1G03
	R099035	CAX1G00
CAR1712	R099008	CAX1G00
	R098915	CAX1G00
	R098635	CAX1G00
	R098520	CAX1G00
CAR1711	R098637	CAX1G00
	R098633	CAX1G00
	R098598	CAX1G00
	R098548	CAX1G00
	R098419	CAX1G00
	R098340	CAX1G00
	R098324	CAX1G00
	R098208	CAX1G00
	R098081	CAX1G00
	R098008	CAX1G00
	R097933	CAX1G01
	R097921	CAX1G00
	R097911	CAX1G00
	R097896	CAX1G00
	R097857	CAX1G00
	R097842	CAX1G00
	R097810	CAX1G00
	R097781	CAX1G00
	R097780	CAX1G03
	R097779	CAX1G00
	R093853	CAX1G05
	R093852	CAX1G04
CAR1710	R097939	CAX1G00
	R097830	CAX1G03
	R097778	CAX1G03
	R097777	CAX1G00
	R097763	CAX1G00
CAR1709	R097666	CAX1G00
	R097509	CAX1G00
	R097388	CAX1G00
	R097374	CAX1G00
	R097246	CAX1G00
	R097234	CAX1G00
	R097148	CAX1G00

CA RS Level	Service	FMID
	R097142	CAX1G00
	R096914	CAX1G00
	R096906	CAX1G00
CAR1708	R097183	CAX1G00
	R097140	CAX1G00
	R097123	CAX1G02
	R097122	CAX1G01
	R097101	CAX1G00
	R097094	CAX1G00
	R097073	CAX1G00
	R097057	CAX1G03
	R096917	CAX1G00
	R096905	CAX1G00
	R096890	CAX1G03
	R096880	CAX1G00
	R096870	CAX1G00
	R096854	CAX1G03
	R096794	CAX1G00
	R096729	CAX1G00
	R096676	CAX1G03
	R096443	CAX1G00
	R096422	CAX1G03
	R096075	CAX1G00
	R096003	CAX1G00
	R095963	CAX1G00
	R095859	CAX1G03
	R095851	CAX1G00
	R095721	CAX1G00
	R095562	CAX1G00
	R095461	CAX1G00
	R095460	CAX1G00
	R095220	CAX1G00
	R094330	CAX1G00
	R093635	CAX1G00
	R093566	CAX1G00
	R093513	CAX1G02
	R093512	CAX1G01
	R093511	CAX1G00
CAR1707	R096464	CAX1G00
	R096074	CAX1G00
	R095905	CAX1G00
	R095735	CAX1G03
	R095642	CAX1G00
	R095610	CAX1G00
	R095144	CAX1G00
CAR1706	R096114	CAX1G00
	R096113	CAX1G00

CA RS Level	Service	FMID
	R096094	CAX1G00
	R095936	CAX1G00
	R095586	CAX1G00
	R095350	CAX1G00
	R093988	CAX1G00
CAR1705	R095841	CAX1G00
	R095836	CAX1G00
	R095608	CAX1G03
	R095521	CAX1G00
	R095459	CAX1G00
	R095456	CAX1G00
	R095219	CAX1G03
	R095218	CAX1G00
	R095203	CAX1G00
	R095192	CAX1G00
	R095082	CAX1G00
	R094381	CAX1G04
	R093881	CAX1G00
	R093615	CAX1G00
	R093394	CAX1G00
	R092798	CAX1G00
CAR1704	R095320	CAX1G03
	R095173	CAX1G00
	R095168	CAX1G00
	R095122	CAX1G00
	R095058	CAX1G00
	R094877	CAX1G00
	R094841	CAX1G00
	R094796	CAX1G00
	R094697	CAX1G00
	R094599	CAX1G00
	R094543	CAX1G00
	R094309	CAX1G00
	R093699	CAX1G00
	R093380	CAX1G03
	R091983	CAX1G00
CAR1703	R094325	CAX1G00
	R094125	CAX1G00
	R093581	CAX1G00
CAR1702	R093738	CAX1G00
	R093181	CAX1G03
CAR1701	R093554	CAX1G00
	R093442	CAX1G00
	R093377	CAX1G00
	R093303	CAX1G00
	R093301	CAX1G00
	R093240	CAX1G00

CA RS Level	Service	FMID
	R092540	CAX1G00
	R092536	CAX1G00
CAR1612	R093116	CAX1G00
	R093003	CAX1G00
	R092884	CAX1G00
	R091980	CAX1G03
	R091338	CAX1G00
	R091271	CAX1G00
	R091194	CAX1G02
	R091069	CAX1G00
CAR1611	R092541	CAX1G00
	R092424	CAX1G00
	R092400	CAX1G00
	R092311	CAX1G00
	R091913	CAX1G00
	R090077	CAX1G00
CAR1610	R092184	CAX1G00
	R092080	CAX1G03
	R091962	CAX1G00
	R091939	CAX1G00
	R091578	CAX1G03
	R091396	CAX1G00
	R090020	CAX1G05
	R090019	CAX1G05
	R089873	CAX1G05
	R088622	CAX1G00
CAR1609	R091401	CAX1G00
	R091270	CAX1G00
	R091169	CAX1G00
	R091121	CAX1G01
	R091120	CAX1G00
	R089763	CAX1G00
CAR1607	R090749	CAX1G00
	R090415	CAX1G03
CAR1606	R090049	CAX1G00
	R089700	CAX1G00
	R089501	CAX1G00
	R089393	CAX1G03
	R089101	CAX1G00
	R089039	CAX1G00
CAR1605	R089649	CAX1G03
	R089603	CAX1G03
	R089602	CAX1G00
	R089442	CAX1G00
	R089397	CAX1G00
	R089396	CAX1G03
	R089360	CAX1G00

CA RS Level	Service	FMID
	R089274	CAX1G00
	R089222	CAX1G00
	R088971	CAX1G00
	R088719	CAX1G00
	R088654	CAX1G00
	R088324	CAX1G00
	R088106	CAX1G00
	R087944	CAX1G00
	R087169	CAX1G04
	R086948	CAX1G00
CAR1604	R089184	CAX1G03
	R089120	CAX1G00
	R089117	CAX1G00
	R089116	CAX1G00
	R088717	CAX1G00
	R088240	CAX1G00
	R087405	CAX1G00
	R087013	CAX1G00
	R086545	CAX1G00
CAR1603	R088319	CAX1G03
	R087790	CAX1G00
	R086551	CAX1G00
	R086548	CAX1G00
	R086546	CAX1G00
CAR1602	R087685	CAX1G00
	R087221	CAX1G00
	R086888	CAX1G00
	R086762	CAX1G00
	R086681	CAX1G00
	R086542	CAX1G00