

ACF2 16.0
CA RS 2204 Service List

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Service	Description	Type
LU02479	SUPPORT ENHANCED PASSTICKETS AND THE IBM MFA AZFPKT1 FACTOR	PTF
LU03066	ACFESAGE OUTPUT FOR XREF RECORDS HAS 4 CHARACTER SYSID	PTF
LU03786	NEED TO UPDATE LINK INSTRUCTIONS FOR ACF3@ATH/ACF3@SGN	** PRP **
LU03853	CICS: PL/I API: ACFAEPCV DOES NOT MAP PASSWORD PHRASE FORMAT	PTF
LU04173	CICS: DFHSM0102 STORAGE VIO ABEND UNDER ACFM CP FUNCTION	PTF
LU04344	ALLOW SCOPING TO DICTATE ACCESS TO FIELDS IN THE CERT	PTF
LU04471	IMPROVE PERFORMANCE WITH XROLE PROCESSING	PTF
LU04678	R_DATA LIB STOPS IF KEYRING CONTAINS CERT THAT DOESN'T EXIST	PTF
LU04693	ADD TAMID AND TWO NEW REPORTING UTILITIES TO TAMZ	PTF
LU04715	PROBLEMS WITH USING MDIV MASK AND LISTING RECORDS IN ACF CMD	PTF
LU04765	SOC4 ABEND IN ACF00SSL WHEN RETURN TABLE INPUT HAS SIGN BIT	PTF
LU05160	SURROGATE VALIDATION FAILING FOR JOB SUBMITTER AFTER LU02479	*HIP/PRP*
LU05259	ACF79519 ERROR FOR PWPHRASE AFTER LU03269, NO STC VALIDATION	*HIP/PRP*
LU05330	USER UNABLE TO CHANGE THEIR PWPHRASE AT Z/OS 2.5	*HIP/PRP*
The CA RS 2204 service count for this release is 14		

ACF2
CA RS 2204 Service List for CAX1G00

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FMID	Service	Description	Type
CAX1G00	LU02479	SUPPORT ENHANCED PASSTICKETS AND THE IBM MFA AZFPTKT1 FACTOR	PTF
	LU03066	ACFESAGE OUTPUT FOR XREF RECORDS HAS 4 CHARACTER SYSID	PTF
	LU03786	NEED TO UPDATE LINK INSTRUCTIONS FOR ACF3@ATH/ACF3@SGN	** PRP **
	LU04344	ALLOW SCOPING TO DICTATE ACCESS TO FIELDS IN THE CERT	PTF
	LU04471	IMPROVE PERFORMANCE WITH XROLE PROCESSING	PTF
	LU04678	R_DATA LIB STOPS IF KEYRING CONTAINS CERT THAT DOESN'T EXIST	PTF
	LU04693	ADD TAMID AND TWO NEW REPORTING UTILITIES TO TAMZ	PTF
	LU04715	PROBLEMS WITH USING MDIV MASK AND LISTING RECORDS IN ACF CMD	PTF
	LU04765	SOC4 ABEND IN ACF00SSL WHEN RETURN TABLE INPUT HAS SIGN BIT	PTF
	LU05160	SURROGATE VALIDATION FAILING FOR JOB SUBMITTER AFTER LU02479	*HIP/PRP*
	LU05259	ACF79519 ERROR FOR PWPHRASE AFTER LU03269, NO STC VALIDATION	*HIP/PRP*
	LU05330	USER UNABLE TO CHANGE THEIR PWPHRASE AT Z/OS 2.5	*HIP/PRP*
The CA RS 2204 service count for this FMID is 12			

ACF2
CA RS 2204 Service List for CAX1G03

FMID	Service	Description	Type
CAX1G03	LU03853	CICS: PL/I API: ACFAEPCV DOES NOT MAP PASSWORD PHRASE FORMAT	PTF
	LU04173	CICS: DFHSM0102 STORAGE VIO ABEND UNDER ACFM CP FUNCTION	PTF
The CA RS 2204 service count for this FMID is 2			

ACF216.0
CA RS 2204 - PTF LU02479 Details

Service	Details
LU02479	LU02479 M.C.S. ENTRIES = ++PTF (LU02479) SUPPORT ENHANCED PASSTICKETS AND THE IBM MFA AZFPTKT1 FACTOR ENHANCEMENT DESCRIPTION: 1) Add support for enhanced passtickets 2) Add support for the IBM MFA AZFPTKT1 factor. - When a user has the AZFPTKT1 factor and IBM MFA is active, IBM MFA checks for a valid passticket. - When a user does not have the AZFPTKT1 factor, passticket checking is done up front, before calling IBM MFA. - When a user has FALLBACK and has the AZFPTKT1 factor and IBM MFA is not running, ACF2 checks for a valid passticket. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10501 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00935-ACF160 DESC(SUPPORT ENHANCED PASSTICKETS AND THE IBM MFA AZFPTKT1 FACTOR). ++VER (Z038) FMID (CAX1G00) PRE (LU00711 LU00935 LU01752 LU03622 R080009 R080625 R080764 R080946 R084555 R084556 R084559 R084842 R084877 R084952 R085648 R085672 R087013 R089039 R089360 R089442 R091120 R092400 R092424 R092884 R093240 R093554 R094599 R095203 R095218 R095460 R095461 R096464 R096905 R096906 R096914 R096917 R097094 R097388 R097777 R097779 R097921 R099159 R099162 R099164 R099742 S000010 S001203 S001422 S001518 S001559 S001563 S001728 S003885 S003886 S003889 S004047 S004448 S004939 S005161 S005219 S005388 S005486 S006579 S006670 S006686 S007040 S007042 S009036 S009545 S010329 S011443 S011647 S013143 S013921 S013978 S014108 S014258 S014631 S014852 S016044 S016098 S016122 S016145 S016148) SUP (AR97779 AS01563 AS03886 AS03889 AS04939 AS06579 AS06996 AS07042 AS11443 BS07042 LT00515 LT01128 LT01267 LT01453 LT01698 LT01699 LT02017 LT02281 LT02323 LT02479 LU00515 LU01128 LU01267 LU01453 LU01698 LU02323 MC87799 OC87799 RC87799 R080735 R083834 R085623 R088240 R088324 R089763 R091396 R091939 R093116 R093442 R094125 R094330 R094877 R095122 R095192 R095721 R096075 R096113 R096114 R096880 R097073 R097148 R097763 R097810 R099336 R099493 R099677 S000153 S000304 S000374 S000474 S001064 S004534 S004558 S005045 S005195 S005420 S005647 S005736 S005787 S006605 S006996 S007429 S007724 S008219 S009168 S009195 S009547 S010183 S010246 S010255 S011352 S012328 S013034 S013141 S013142 S013250 S014547 S014762 S014888 S015259 S016058 ST00153 ST00304 ST00374 ST00474 ST01064 ST04021 ST04534 ST04558 ST05045 ST05195 ST05420 ST05647 ST05736 ST05787 ST06605 ST06996 ST07429

Service	Details
	ST07724 ST07849 ST08219 ST09168 ST09195 ST09547
	ST10183 ST10246 ST10255 ST11352 ST12086 ST12328
	ST12985 ST12992 ST13034 ST13059 ST13141 ST13142
	ST13250 ST14547 ST14762 ST14888 ST15259 ST16058
	TR78875 TR78890 TR80411 TR80735 TR83834 TR85623
	TR88240 TR88324 TR89763 TR91396 TR91939 TR93116
	TR93442 TR94125 TR94296 TR94330 TR94877 TR95122
	TR95192 TR95721 TR96075 TR96097 TR96113 TR96114
	TR96880 TR97073 TR97148 TR97763 TR97810 TR99336
	TR99493 TR99677 UC87799 XC87799)
	++HOLD (LU02479) SYSTEM FMID(CAX1G00)
	REASON (DYNACT) DATE (22066)
	COMMENT (
	+-----+ CA-ACF2-MVS Version 16.0 +-----+ SEQUENCE Before Accept +-----+ 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 2. F ACF2,NEWMOD(ACF00SVA) 3. F ACF2,NEWMOD(ACF9C000) 4. F ACF2,NEWMOD(SAF) 5. Stop and restart ACF2) .

ACF2 16.0
CA RS 2204 - PTF LU03066 Details

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Service	Details																						
LU03066	LU03066 M.C.S. ENTRIES = ++PTF (LU03066) ACFESAGE OUTPUT FOR XREF RECORDS HAS 4 CHARACTER SYSID PROBLEM DESCRIPTION: The output for the 3 XREF records, X(ROL), X(SGP), and X(RGP) currently have 4 character sysids in the output, they should have 8 character sysids. The XROL_SYSID field in 0490, 0491, and 0492 records will now be defined as an 8 character field. The XSGP_SYSID field in 1140, 1141, and 1142 records will now be defined as an 8 character field. The XRGF_SYSID field in 1150, 1151, and 1152 records will now be defined as an 8 character field. SYMPTOMS: Incorrect output for the sysid field in the xref records. IMPACT: May get a truncated sysid for xref records. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 14988 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00956-ACF160 DESC (ACFESAGE OUTPUT FOR XREF RECORDS HAS 4 CHARACTER SYSID). ++VER (Z038) FMID (CAX1G00) PRE (LU00935 LU02479 LU03622 R080625 R084877 R092424 R093554 R096905 R096906 R096914 S000010 S001203 S003885 S003886 S004939 S005219 S009036 S011443 S014258) SUP (AS04939 LT01698 LT03066 LU01698 R088324 R093116 R096113 R096114 R097148 R097810 R099677 S004558 S005195 S005736 S009168 S010246 S013034 ST04021 ST04558 ST05195 ST05736 ST09168 ST10246 ST13034 TR78875 TR78890 TR88324 TR93116 TR94296 TR96097 TR96113 TR96114 TR97148 TR97810 TR99677) ++HOLD (LU03066) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22067) COMMENT (<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> CA-ACF2-MVS</td><td style="width: 50%; text-align: right;"> Version 16.0</td></tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> SEQUENCE</td><td style="text-align: right;"> After Apply</td></tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> PURPOSE</td><td style="text-align: right;"> Activate change without IPL</td></tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> USERS</td><td style="text-align: right;"> All user of ACFESAGE</td></tr> <tr> <td> AFFECTED</td><td style="text-align: right;"> </td></tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td style="text-align: right;"> Operator commands</td></tr> <tr> <td> REQUIRED</td><td style="text-align: right;"> </td></tr> </table>	CA-ACF2-MVS	Version 16.0	+-----+-----+		SEQUENCE	After Apply	+-----+-----+		PURPOSE	Activate change without IPL	+-----+-----+		USERS	All user of ACFESAGE	AFFECTED		+-----+-----+		KNOWLEDGE	Operator commands	REQUIRED	
CA-ACF2-MVS	Version 16.0																						
+-----+-----+																							
SEQUENCE	After Apply																						
+-----+-----+																							
PURPOSE	Activate change without IPL																						
+-----+-----+																							
USERS	All user of ACFESAGE																						
AFFECTED																							
+-----+-----+																							
KNOWLEDGE	Operator commands																						
REQUIRED																							

Service	Details
	<pre> +-----+-----+-----+-----+-----+-----+-----+-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+-----+-----+-----+-----+-----+-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH ***** NOTE ***** The XROL_SYSID field in 0490, 0491, and 0492 records will now be defined as an 8 character field. The XSGP_SYSID field in 1140, 1141, and 1142 records will now be defined as an 8 character field. The XRGF_SYSID field in 1150, 1151, and 1152 records will now be defined as an 8 character field.).</pre>

Service	Details
LU03786	LU03786 M.C.S. ENTRIES = ++PTF (LU03786) NEED TO UPDATE LINK INSTRUCTIONS FOR ACF3@ATH/ACF3@SGN PROBLEM DESCRIPTION: This update is intended to help a site with how to assemble and link the ACF3@ATH and ACF3@SGN DB2 exits provided as sample code. The JCL is mentioned in the comments of the modules. Most of the updates are in the comment section of each module and are tagged with TA15537. The only updates to the code are to set the mode of the module in order to prevent rc=4 at linking time due to mode conflict. The modules, when linked have been getting messages: <pre>IEW2646W ESD RMODE(24) CONFLICTS WITH USER-SPECIFIED RMODE(ANY) IEW2651W ESD AMODE 24 CONFLICTS WITH USER-SPECIFIED AMODE 31</pre> After getting these messages the module was still treated as if AMODE(31), RMODE(ANY). The update to the code just sets those modes and the load modules links clean. The processing in the exits is the same before and after the update. The update is just to get a clean link edit. After applying LU00294, the DB2 connection exits that are provided as samples need to have another included module in order for the link edits to be successful. Currently ACF3@ATH and ACF3@SGN have comments in them on how to link them. Here are the comments from ACF3@ATH as an example; <pre>* //LINK EXEC PGM=IEWL,PARM='LET,LIST,XREF,NCAL,RENT,REUS' * //SYSPRINT DD SYSOUT=* * //SYSLMOD DD DSN=DSN220.DSNEXIT,DISP=SHR * //SYSUT1 DD UNIT=SYSDA,SPACE=(TRK,(10,10)) * //ACFOBJ DD DSN=CAI.ACF2.ACFOBJ,DISP=SHR * //ACFMOD DD DSN=CAI.AAX1MOD0,DISP=SHR * // DD DSN=CAI.AAX1MOD1,DISP=SHR * //SYSLIN DD * * INCLUDE ACFOBJ(ACF3@ATH) * INCLUDE ACFMOD(ACF\$GCVT) * INCLUDE ACFMOD(ACF\$FGCB) * INCLUDE ACFMOD(ACF00SSL) * INCLUDE ACFMOD(CMCTABLE) * INCLUDE ACFMOD(SAFFBSCH) * INCLUDE ACFMOD(SAFFFSCN) * MODE AMODE(31),RMODE(ANY) * ENTRY DSN3@ATH * NAME DSN3@ATH(R) * /*</pre> Both exits need the following include to be linked correctly. <pre>INCLUDE ACFMOD(SAFFBSC6)</pre> In addition to the include the following was added to the instructions for both exits. <pre>* If relinking the exit due to maintenance to any of the * included modules and the maintenance has not been accepted, * it is required to add an entry to the ACFMOD DD * statement for the CAX1LOAD library. * * //ACFMOD DD DSN=CAI.CAX1LOAD,DISP=SHR</pre>

ACF2 16.0
CA RS 2204 - PTF LU03786 Details

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Service	Details
	* // DD DSN=CAI.AAX1MOD0,DISP=SHR * // DD DSN=CAI.AAX1MOD1,DISP=SHR SYMPTOMS: The linking of the exits gets an unresolved for SAFFBSC6. If a site does not see this error, they will get an abend SOC1 every time a request goes through one of these exits in DB2. IMPACT: Secondary ids will not work in DB2. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 15537 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00974-ACF160 DESC(NEED TO UPDATE LINK INSTRUCTIONS FOR ACF3@ATH/ACF3@SGN). ++VER (Z038) FMID (CAX1G00) PRE (LU00294 LU03622 S014269) SUP (CL00294 LT03786)

Service	Details
LU03853	LU03853 M.C.S. ENTRIES = ++PTF (LU03853) CICS: PL/I API: ACFAEPCV DOES NOT MAP PASSWORD PHRASE FORMAT PROBLEM DESCRIPTION: ACFAEPCV, the PL/I version of ACFAEUCV does not include the format for supplying a password phrase rather than a password. SYMPTOMS: None IMPACT: Unable to issue API Password Phrase reverification from a PL/I program CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 15574 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00979-ACF160 DESC(CICS: PL/I API: ACFAEPCV DOES NOT MAP PASSWORD PHRASE FORMAT). ++VER (Z038) FMID (CAX1G03) PRE (LU03625) SUP (LT03853)

Service	Details																		
LU04173	LU04173 M.C.S. ENTRIES = ++PTF (LU04173) CICS: DFHSM0102 STORAGE VIO ABEND UNDER ACFM CP FUNCTION PROBLEM DESCRIPTION: When using the ACFM CP function under ACF2 CICS to list a lot of output (such as LIDs in TERSE mode) the TIOA may be overrun leading to a storage violation. SYMPTOMS: CICS DUMP: SYSTEM=ssssssss CODE=SM0102 IMPACT: Loss of active ACFM transaction CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 15792 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00984-ACF160 DESC(CICS: DFHSM0102 STORAGE VIO ABEND UNDER ACFM CP FUNCTION). ++VER (Z038) FMID (CAX1G03) PRE (LU03625 R084878) SUP (LT04173 R081462 TR81462) ++HOLD (LU04173) SYSTEM FMID(CAX1G03) REASON (DYNACT) DATE (22067) 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>Enable new code without bouncing CICS region</td></tr> <tr> <td>USERS</td><td>All users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>z/OS Console commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>z/OS Console</td></tr> <tr> <td>REQUIRED</td><td>CICS Region(s)</td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (if applicable) 2. CEMT SET PROG(ACFAECMD) NEWCOPY).	ACF2 for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Enable new code without bouncing CICS region	USERS	All users	AFFECTED		KNOWLEDGE	z/OS Console commands	REQUIRED		ACCESS	z/OS Console	REQUIRED	CICS Region(s)
ACF2 for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Enable new code without bouncing CICS region																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	z/OS Console commands																		
REQUIRED																			
ACCESS	z/OS Console																		
REQUIRED	CICS Region(s)																		

Service	Details	
LU04344	LU04344 M.C.S. ENTRIES = ++PTF (LU04344)	
	ALLOW SCOPING TO DICTATE ACCESS TO FIELDS IN THE CERT	
	PROBLEM DESCRIPTION:	
	Only an un-scoped security officer can connect a SITE or CA certificate to a keyring. We are eliminating this restriction so that a scoped security officer can connect any certificate to any keyring within its scope. Along with removing this restriction, we are also allowing a scoped security officer to now CHANGE the HITRUST, CERTNSER, and TRUST fields in a cert.	
	SYMPTOMS:	
	Scoped security not allowed to change certain fields in a cert even though the record is within the users scope.	
	IMPACT:	
	Only an un-scoped security officer can connect SITE/CA certs to a keyring and change the HITRUST, CERTNSER, and TRUST fields.	
	CIRCUMVENTION:	
	None	
	PRODUCT(S) AFFECTED:	
	ACF2 for z/OS	Version 16.0
	Related Problem:	
	ACF2MS 15946	
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	R00988-ACF160	
	DESC(ALLOW SCOPING TO DICTATE ACCESS TO FIELDS IN THE CERT).	
	++VER (Z038)	
	FMID (CAX1G00)	
	PRE (LU03622 R089501 S006579 S008589 S016122 S016143)	
	SUP (LT04344 S007762 ST07762)	
	++HOLD (LU04344) SYSTEM FMID(CAX1G00)	
	REASON (DYNACT) DATE (22067)	
	COMMENT (	
	+-----+-----+	
	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. LLA Refresh	

Service	Details
	2. F ACF2,NEWMOD (ACF00SVA)).

Service	Details
LU04471	LU04471 M.C.S. ENTRIES = ++PTF (LU04471) IMPROVE PERFORMANCE WITH XROLE PROCESSING PROBLEM DESCRIPTION: This update will improve cpu performance when a ROLE based resource rule is encountered in XM mode. SYMPTOMS: None IMPACT: Increased cpu usage in x-mem with large amount of roles. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Related Problem: ACF2MS 16007 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00989-ACF160 DESC(IMPROVE PERFORMANCE WITH XROLE PROCESSING). ++VER (Z038) FMID (CAX1G00) PRE (LU00885 LU03622 R095461 S005214 S016145) SUP (LT01601 LT04471 LU01601) ++HOLD (LU04471) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22067) COMMENT (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 2. F ACF2,NEWMOD(ACF00SVA) 3. F ACF2,NEWMOD(ACF9C000) 4. F ACF2,NEWMOD(ACF99SVC) 5. Restart ACF2) .

Service	Details
LU04678	LU04678 M.C.S. ENTRIES = ++PTF (LU04678) R_DATALIB STOPS IF KEYRING CONTAINS CERT THAT DOESN'T EXIST PROBLEM DESCRIPTION: SYMPTOMS: SSL applications use R_datalib to return the certificates relevant to the SSL connection. R_datalib is called in a loop until all certificates on the key ring have been returned. We have found a situation where a certificate record id is not removed from the keyring when the certificate is deleted via the DELETE record.id command. When this occurs, R_datalib can return an 8/8:44 return code combination prematurely, before all relevant certificates have been returned to the application. This will cause the SSL application to fail when the certificates are obtained. Also noticed that sometimes deleting a key ring does not remove the KEYRING record id from a connected CERTDATA record. IMPACT: SSL/TLS connections fail for an application CIRCUMVENTION: If listing a key ring shows ACF0A005 RECORD NOT FOUND in the list of certificates. Issue the ACF2 REMOVE command to remove that certificate from the keyring. If listing a CERTDATA record shows ACF0A005 RECORD NOT FOUND in the list of keyrings, issue the ACF2 REMOVE command to remove that keyring from the CERTDATA record. PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 15928 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00997-ACF160 DESC(R_DATALIB STOPS IF KEYRING CONTAINS CERT THAT DOESN'T EXIST). ++VER (Z038) FMID (CAX1G00) PRE (LU01734 LU01752 LU03622 R086888 R089039 R089501 R095610 R095905 S013143 S016122) SUP (AL01734 LT03440 LT04343 LT04678 LU03440 TR95575) ++HOLD (LU04678) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22068) COMMENT (-----+ ACF2 for z/OS

Service	Details
	<pre> REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. F ACF2,NEWMOD(ACF00SVA) 2. F ACF2,NEWMOD(ACFKRACC)).</pre>

Service	Details
LU04693	LU04693 M.C.S. ENTRIES = ++PTF (LU04693) ADD TAMID AND TWO NEW REPORTING UTILITIES TO TAMZ ENHANCEMENT DESCRIPTION: A new TAMID value has been added to the DS, EL, LL, NV, RL and RV reports. In addition, each report now accepts 2 new parameters. TAMID - allows user to report on activity related to a specific TAMID. TICKET - allows user to report on activity related to a specific ticket. There are also 2 new utilites. ACFRPTTZ - This utility will read the SMF records related to the DS, EL, LL, NV, RL and RV reports and generate a CSV file for the fields commonly shown on the reports. SAFTZJSN - This utility will read the CSV file and generates a JSON file for each row in the CSV file. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 14042 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00998-ACF160 DESC(ADD TAMID AND TWO NEW REPORTING UTILITIES TO TAMZ). ++VER (Z038) FMID (CAX1G00) PRE (LU00294 LU00376 LU00392 LU00718 LU01074 LU02611 LU03622 R080085 R080309 R080528 R080628 R081740 R081866 R083659 R084559 R084877 R084952 R088622 R089501 R091169 R091983 R092884 R095203 R095218 R095460 R095461 R095905 R096905 R096906 R096914 R097388 R097779 R098008 R098208 R099159 R099162 R099742 S000010 S000976 S001422 S001559 S001563 S001728 S003636 S003886 S003889 S003900 S004032 S004209 S004551 S006001 S006310 S006579 S006670 S006672 S007032 S007040 S007555 S007898 S008396 S008589 S008710 S009545 S010329 S011443 S011631 S011856 S012667 S013143 S013978 S014042 S014103 S014269 S014614 S014735 S016044 S016122 S016138 S016143 S016147 S016249) SUP (AL00718 AR92884 AR99162 AS10599 AS11856 BS00680 CS06579 LC87799 LT00295 LT00566 LT01399 LT01593 LT01751 LT01777 LT02167 LT02268 LT02533 LT02537 LT02612 LT03517 LT03606 LT03722 LT03724 LT04669 LT04670 LT04693 LU00295 LU00566 LU01399 LU01593 LU01777 LU02167 LU02533 LU03517 LU03722 LU04670 R083832 R085021 R086546 R091401 R093566 R093581 R097234 R098633 R099035 R099469 SC87799 S000214 S000564 S000680 S000944 S003573 S003591 S003663 S003867 S004064 S005772 S006214 S006423 S006603 S007871 S007950 S008196 S008610 S008932 S009114 S009277 S010186 S010216 S010599 S010846 S011869 S012111 S012720 S012882 S013163 S013598 S014280 S014992 S016144 S016293 S016302 ST00214 ST00564 ST00680 ST00944 ST03573 ST03591 ST03663 ST03790 ST03867 ST04064 ST05772 ST06214 ST06423 ST06603

Service	Details
	ST07871 ST07950 ST08196 ST08610 ST08932 ST09114 ST09277 ST09539 ST10186 ST10216 ST10599 ST10846 ST11869 ST12111 ST12720 ST12882 ST13163 ST13598 ST14280 ST14364 ST14992 ST15295 ST15364 ST15365 ST15522 ST16141 ST16142 ST16144 ST16293 ST16302 TR83832 TR85021 TR86546 TR91401 TR93566 TR93581 TR95607 TR97234 TR98306 TR98633 TR99010 TR99035 TR99469 WC87799) ++HOLD (LU04693) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22069) COMMENT (+-----+ ACF2 for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Activate change without an IPL +-----+ USERS All users AFFECTED +-----+ KNOWLEDGE Operator commands REQUIRED +-----+ ACCESS z/OS Operator commands REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. F ACF2,NEWMOD(ACF00SVA) 3. F ACF2,NEWMOD(ACF99SVC) 4. F ACF2,NEWMOD(ACF9C000) 5. F ACF2,NEWMOD(ACFOEGCT) 6. F ACF2,NEWMOD(SAFRT00B) 7. Restart of ACF2).

Service	Details
LU04715	LU04715 M.C.S. ENTRIES = ++PTF (LU04715) PROBLEMS WITH USING MDIV MASK AND LISTING RECORDS IN ACF CMD PROBLEM DESCRIPTION: There are 2 things corrected by this fix. 1. An SOC4 can occur in ACSRRACT when using the MDIV to set a mask to list MFA records. A mask like MDIV(MF*) would cause the abend. 2. When using an MDIV(-) mask to list out all records, this is only passing back records that have a recid of 8 charaters or less. If a site has the following 2 MFA records for example. MFA / TUSER.GLOBAL LAST CHANGED BY TSSDAP ON 12/31/21-09:13 - NO DATA AVAILABLE MFA / TUSER.A LAST CHANGED BY TSSDAP ON 12/31/21-09:13 - NO DATA AVAILABLE The following set of commands would only list the TUSER.A record. SET PROF(USER) MDIV(-) LIKE like(tuser-) SYMPTOMS: Incorrect output IMPACT: May not get all records that really exist for a user when trying to list them in this manner. CIRCUMVENTION: Listing each type of record without using the MDIV mask, but using the DIV parm will get the correct output. PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 15719 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01001-ACF160 DESC(PROBLEMS WITH USING MDIV MASK AND LISTING RECORDS IN ACF CMD). ++VER (Z038) FMID (CAX1G00) PRE (LU01074 LU03622 LU04693 R080625 R084877 R084952 R089501 R091169 R092884 R095905 R096914 R098208 R099162 S003900 S006214 S006579 S008589 S010329 S011443 S013143 S014614 S014631 S014735 S016143 S016293) SUP (AR92884 LT04093 LT04715 S000214 S003867 S007950 ST00214 ST03867 ST07950) ++HOLD (LU04715) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22069) COMMENT (+ -----+ + ACF2 for z/OS Version 16.0 + -----+ + SEQUENCE After Apply + -----+ + 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. LLA Refresh		
	2. F ACF2,NEWMOD(ACF00SVA)		
	).		

Service	Details																																
LU04765	LU04765 M.C.S. ENTRIES = ++PTF (LU04765) SOC4 ABEND IN ACF00SSL WHEN RETURN TABLE INPUT HAS SIGN BIT PROBLEM DESCRIPTION: Abend 0C4 in ACF00SSL when the caller of ACF00SSL passes a pointer to the return table and the x'80' sign bit is on in the leftmost bit. We are running in 64-bit mode and the instruction to retrieve the table pointer is putting x'ffffffff' in the hi order word for the 64-bit table pointer. SYMPTOMS: SOC4 in ACF00SSL IMPACT: Cannot get a list of source groups from ACF00SSL CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 16220 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01007-ACF160 DESC(SOC4 ABEND IN ACF00SSL WHEN RETURN TABLE INPUT HAS SIGN BIT). ++VER (Z038) FMID (CAX1G00) PRE (LU00294 LU03622 LU03786 S014269 S016143) SUP (BL00294 LT02625 LT04568 LT04765 LU02625 LU04568) ++HOLD (LU04765) SYSTEM FMID(CAX1G00) REASON (EXIT) DATE (22067) 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 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS Any site that has user code that is calling ACF00SSL </td></tr> <tr> <td> </td><td>AFFECTED </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE Operator commands </td></tr> <tr> <td> </td><td>REQUIRED </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>ACCESS z/OS Operator console </td></tr> <tr> <td> </td><td>REQUIRED </td></tr> <tr> <td>+</td><td>-----+</td></tr> </table> ***** * STEPS TO PERFORM * ***** Relink any modules which reference ACF00SSL. If your site uses either ACF3@ATH or ACF3@SGN for DB2, you will need to relink these modules.).	+	-----+		ACF2 for z/OS Version 16.0	+	-----+		SEQUENCE After Apply	+	-----+		PURPOSE Activate change	+	-----+		USERS Any site that has user code that is calling ACF00SSL		AFFECTED	+	-----+		KNOWLEDGE Operator commands		REQUIRED	+	-----+		ACCESS z/OS Operator console		REQUIRED	+	-----+
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	ACCESS z/OS Operator console																																
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Service	Details
LU05160	M.C.S. ENTRIES = ++PTF (LU05160) SURROGATE VALIDATION FAILING FOR JOB SUBMITTER AFTER LU02479 PROBLEM DESCRIPTION: JES security has a SURROGATE check to see if a user is allowed to submit a job and have it run under another user's logonid without having to know that users password. After applying LU02479, these SAF RACROUTE AUTH calls to validate if the submitter is a surrogate will fail with an ACF01007 message. SYMPTOMS: ACF01007 A PASSWORD IS REQUIRED FOR LOGONID xxxxxxxx IMPACT: After LU02479 you are not able to use JES surrogate processing to allow submission of jobs. CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Related Problem: ACF2MS 16551 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01013-ACF160 DESC(SURROGATE VALIDATION FAILING FOR JOB SUBMITTER AFTER LU02479). ++VER (Z038) FMID (CAX1G00) PRE (LU02479 LU03622 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 (AL02479 AR97779 AS01563 AS03889 AS07042 AS11443 BS07042 LT01453 LT05160 LU01453 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 (LU05160) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22081) COMMENT (-----+ ACF2 for z/OS Version 16.0 -----+ SEQUENCE After Apply -----+ PURPOSE Activate change -----+

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

Service	Details						
LU05259	LU05259 M.C.S. ENTRIES = ++PTF (LU05259) ACF79519 ERROR FOR PWPHRASE AFTER LU03269, NO STC VALIDATION PROBLEM DESCRIPTION: There is the possibility of getting an ACF79519 error message at ACF2 startup time due to a bad GSO PWPHRASE record. This bad record appears to only be possible if the PWPHRASE record was inserted into the database with early R15 ACF2 code. The only bad thing in the record is the internal version of the record. When this record is encountered and a site gets the ACF79519 message, ACF2 is up but with NOSTC set. This means we will not create the security environment for any STC started. This fix will add a new message to be issued to the console when we detect a GSO PWPHRASE record with an invalid version. ACF79601 WARNING - GSO PWPHRASE RECORD HAS A BAD VERSION FOR SYSID xxxx The initialization of ACF2 will continue after putting out the new message. ACF2 will start up with all of the options set in the GSO PWPHRASE record we are using to initialize. To get rid of the ACF79601 message in the future, the GSO PWPHRASE record has to be deleted and reinserted. SYMPTOMS: ACF79519 ERROR: REFRESH FAILED FOR GSO PWPHRASE REASON: 002 OMVS startup gets SYSTEM COMPLETION CODE=EC6 REASON CODE=0601C020 Reason code means we could not find an ACEE for the address space. ACF2 on startup is not using STC table or STCXIT to apply usernames to started tasks causing them to abend. IMPACT: Cannot get any security environment created for started tasks. CIRCUMVENTION: To get around the ACF79519, a site would have to delete and reinsert their GSO PWPHRASE record. This can be done at any r16 maintenance level to get the internal version of the record corrected. PRODUCT(S) AFFECTED: ACF2 for z/OS Version 16.0 Related Problem: ACF2MS 16589 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01019-ACF160 DESC (ACF79519 ERROR FOR PWPHRASE AFTER LU03269, NO STC VALIDATION). ++VER (Z038) FMID (CAX1G00) PRE (LU03269 LU03622 R092884 R099162 S011443) SUP (AL03269 LT05259) ++HOLD (LU05259) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22088) 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</td></tr> </table>	ACF2 for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change
ACF2 for z/OS	Version 16.0						
SEQUENCE	After Apply						
PURPOSE	Activate change						

Service	Details
	+-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA Refresh).

Service	Details																																
LU05330	LU05330 M.C.S. ENTRIES = ++PTF (LU05330)																																
	USER UNABLE TO CHANGE THEIR PWPHRASE AT Z/OS 2.5 PROBLEM DESCRIPTION: A PWPHRASE cannot be changed on a z/OS 2.5 system when specifying old phrase/new phrase. This could be done either at TSO logon, or through a SAF VERIFY call that specifies both old/new phrases. SYMPTOMS: ACF01130 NEW PASSWORD LESS THAN MINIMUM LENGTH - NONE SET ACF01020 NEW PASSWORD LESS THAN MINIMUM LENGTH AND OLD PASSWORD EXPIRED IMPACT: A user cannot change their PWPHRASE on z/OS 2.5 CIRCUMVENTION: None PRODUCT(S) AFFECTED: ACF2 for z/OS Related Problem: ACF2MS 16668 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01023-ACF160 DESC(USER UNABLE TO CHANGE THEIR PWPHRASE AT Z/OS 2.5). ++VER (Z038) FMID (CAX1G00) PRE (LU02479 LU03622 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 LU01453 LU05160 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 (LU05330) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (22089) COMMENT (<table><tr><td colspan="3">+-----+</td></tr><tr><td> </td><td>ACF2 for z/OS</td><td>Version 16.0 </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> SEQUENCE</td><td> After Apply</td><td> </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> PURPOSE</td><td> Activate change without IPL</td><td> </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> USERS</td><td> All users who use PWPHRASES</td><td> </td></tr><tr><td> AFFECTED</td><td> </td><td> </td></tr><tr><td colspan="3">+-----+</td></tr></table>			+-----+				ACF2 for z/OS	Version 16.0	+-----+			SEQUENCE	After Apply		+-----+			PURPOSE	Activate change without IPL		+-----+			USERS	All users who use PWPHRASES		AFFECTED			+-----+		
+-----+																																	
	ACF2 for z/OS	Version 16.0																															
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USERS	All users who use PWPHRASES																																
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Service	Details		
	KNOWLEDGE	Operator commands	
	REQUIRED		
	+-----+		
	ACCESS	z/OS Operator console	
	REQUIRED		
	+-----+		

	* STEPS TO PERFORM *		

	1. LLA Refresh		
	2. F ACF2,NEWMOD(ACF00SVA)		
	).		
MCS	LU02479	STARTS ON PAGE	0002
MCS	LU03066	STARTS ON PAGE	0006
MCS	LU03786	STARTS ON PAGE	0008
MCS	LU03853	STARTS ON PAGE	0010
MCS	LU04173	STARTS ON PAGE	0010
MCS	LU04344	STARTS ON PAGE	0012
MCS	LU04471	STARTS ON PAGE	0013
MCS	LU04678	STARTS ON PAGE	0014
MCS	LU04693	STARTS ON PAGE	0016
MCS	LU04715	STARTS ON PAGE	0021
MCS	LU04765	STARTS ON PAGE	0023
MCS	LU05160	STARTS ON PAGE	0024
MCS	LU05259	STARTS ON PAGE	0026
MCS	LU05330	STARTS ON PAGE	0028

ACF2 16.0
CA RS 2204 Product/Component Listing

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Product Family	Product	Release
Security	CA-ACF2-MVS	16.00.00
The CA RS 2204 Product/Component Count for this release is 1		

ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	LU03066	CAX1G00
	LU02479	CAX1G00
	LU04670	CAX1G00
	LU04584	CAX1G00
CAR2203	LU04568	CAX1G00
	LU04327	CAX1G00
	LU04089	CAX1G00
	LU03820	CAX1G00
	LU03815	CAX1G00
	LU03758	CAX1G00
	LU03628	CAX1G03
	LU03517	CAX1G00
	LU01824	CAX1G00
	LU04090	CAX1G00
CAR2202	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

ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	S006363	CAX1G00
	S006310	CAX1G00
	S006234	CAX1G00
	S006214	CAX1G00
	S006033	CAX1G00
	S005978	CAX1G00
	S005795	CAX1G00
	S005772	CAX1G00
	S005771	CAX1G00
	S005763	CAX1G00
	S005723	CAX1G00
	S005647	CAX1G00
	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

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CA RS Level	Service	FMID
	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
	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

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S003591	CAX1G00
	S003573	CAX1G00
	S001806	CAX1G00
	S001736	CAX1G03
	S001729	CAX1G01
	S001728	CAX1G00
	S001691	CAX1G01
	S001588	CAX1G00
	S001571	CAX1G00
	S001563	CAX1G00
	S001560	CAX1G03
	S001559	CAX1G00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	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
	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