

CA ACF2 16.0
CA RS 2009 Service List

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Service	Description	Type
S011631	REESTABLISH ELEVATIONS AFTER AN IPL	PTF
S011664	ADD NEW OPTION TO SHOW OMVS COMMAND TO REMOVE DELIMITERS	PTF
S011690	ISSUE ACF6D076 FOR CERTIFICATE RENEW DATE CONFLICT	PTF
S011827	ENFORCE MATCHLIM FOR OMVS SECTRADE FOR DSN	PTF
S011869	CHKCERT/EXPORT COMMANDS GETS SENT TO CEM AS LIST COMMANDS	PTF
S012111	TAMZ: WRONG MSG ELEVATE & SJVM NOT ACTIVE, AUDIT CHANGES	PTF
S012160	ALLOW VVDS IMPLICIT ALLOCATION BY SMS	PTF
S012291	LDS TIMING PROBLEM HANGS STOP COMMAND & PREVENTS PROPAGATION	PTF
S012556	JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE	PTF
S012667	ERROR VALIDATING TICKET ON RECEIVE CALL	PTF
S012720	ACFRPTRV TRUNCATES LAST FEW BYTES OF RULE LOOKUP KEY	PTF
S012738	JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE	PTF
S012788	ACCESS CMD ACF60301 ACF2 DB2 RULES WITH EXTENDED RESOURCES	PTF
S012882	CEM DOES NOT SHOW UID WHEN OMVS ADDED WITH LID INSERT	PTF
S012963	OC4 ACSV2XXX WHEN INSERTING/CHANGING ACF2 RECORDS	PTF
S013142	PSWD-VIO NOT UPDATED, CAN'T USE REGULAR PSWD CA AAM RSA	*HIP/PRP*
S013143	ENCRYPT SSKEY FIELD OF THE PTKTDATA SSIGNON RECORD	PTF
S013192	CHKCERT MAY INCORRECTLY SHOW KEY USAGE OF HANDSHAKE	PTF
S013250	MASKED RULE INCORRECTLY ALLOWS CSF XFACILIT CLASS EXTRACT	PTF
S013513	LOCATE HANGS FOR LIBRARY IN RLS MODE CATALOG	PTF
S013754	GENCERT FROM PKCS#10 CSR GETS CAS20C1E ERROR WITH RSN 212	PTF
S013978	FIX PROBLEMS WITH R_FACTOR, IBM MFA OUT-OF-BAND SUPPORT	PTF
S014051	ABEND OC4 AT X'1610' IN CAS4DSRV	PTF
S014103	RECORD SECURITY WITH RULEVLD OR RSRVLD IN SMF RECORDS	PTF
S014108	Security or Integrity Problem	** PRP **
S014162	ADDED PRECISION IN SMF AND OMVS SECTRADE TIMESTAMP	PTF
S014200	ACFRPTXR: INCORRECT %RCHANGE REPORTING	PTF
S014280	SOC4 ABEND IN ACF03RUL+1044 AFTER S006579	** PRP **
S014631	SUPPORT RECORDS FOR JES SPOOL ENCRYPTION	PTF
The CA RS 2009 service count for this release is 29		

CA ACF2
CA RS 2009 Service List for CAX1G00

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FMID	Service	Description	Type
CAX1G00	S011631	REESTABLISH ELEVATIONS AFTER AN IPL	PTF
	S011664	ADD NEW OPTION TO SHOW OMVS COMMAND TO REMOVE DELIMITERS	PTF
	S011690	ISSUE ACF6D076 FOR CERTIFICATE RENEW DATE CONFLICT	PTF
	S011827	ENFORCE MATCHLIM FOR OMVS SECTRACE FOR DSN	PTF
	S011869	CHKCERT/EXPORT COMMANDS GETS SENT TO CEM AS LIST COMMANDS	PTF
	S012111	TAMZ: WRONG MSG ELEVATE & SJVM NOT ACTIVE, AUDIT CHANGES	PTF
	S012160	ALLOW VVDS IMPLICIT ALLOCATION BY SMS	PTF
	S012291	LDS TIMING PROBLEM HANGS STOP COMMAND & PREVENTS PROPAGATION	PTF
	S012556	JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE	PTF
	S012667	ERROR VALIDATING TICKET ON RECEIVE CALL	PTF
	S012720	ACFRPTRV TRUNCATES LAST FEW BYTES OF RULE LOOKUP KEY	PTF
	S012788	ACCESS CMD ACF60301 ACF2 DB2 RULES WITH EXTENDED RESOURCES	PTF
	S012882	CEM DOES NOT SHOW UID WHEN OMVS ADDED WITH LID INSERT	PTF
	S012963	OC4 ACSV2XXX WHEN INSERTING/CHANGING ACF2 RECORDS	PTF
	S013142	PSWD-VIO NOT UPDATED, CAN'T USE REGULAR PSWD CA AAM RSA	*HIP/PRP*
	S013143	ENCRYPT SSKEY FIELD OF THE PKTDATA SSIGNON RECORD	PTF
	S013192	CHKCERT MAY INCORRECTLY SHOW KEY USAGE OF HANDSHAKE	PTF
	S013250	MASKED RULE INCORRECTLY ALLOWS CSF XFACILIT CLASS EXTRACT	PTF
	S013513	LOCATE HANGS FOR LIBRARY IN RLS MODE CATALOG	PTF
	S013754	GENCERT FROM PKCS#10 CSR GETS CAS20C1E ERROR WITH RSN 212	PTF
	S013978	FIX PROBLEMS WITH R_FACTOR, IBM MFA OUT-OF-BAND SUPPORT	PTF
	S014051	ABEND OC4 AT X'1610' IN CAS4DSRV	PTF
	S014103	RECORD SECURITY WITH RULEVLD OR RSRCVLD IN SMF RECORDS	PTF
	S014108	Security or Integrity Problem	** PRP **
	S014162	ADDED PRECISION IN SMF AND OMVS SECTRACE TIMESTAMP	PTF
	S014200	ACFRPTXR: INCORRECT %RCHANGE REPORTING	PTF
	S014280	SOC4 ABEND IN ACF03RUL+1044 AFTER S006579	** PRP **
	S014631	SUPPORT RECORDS FOR JES SPOOL ENCRYPTION	PTF
The CA RS 2009 service count for this FMID is 28			

CA ACF2
CA RS 2009 Service List for CAX1G02

FMID	Service	Description	Type
CAX1G02	S012738	JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE	PTF
The CA RS 2009 service count for this FMID is 1			

Service	Details
SO11631	SO11631 M.C.S. ENTRIES = ++PTF (SO11631) REESTABLISH ELEVATIONS AFTER AN IPL ENHANCEMENT DESCRIPTION: Provide the ability to retain TAMz elevations across IPLs. SYMPTOMS: New feature. IMPACT: Elevated users will still be elevated after an IPL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10360 Copyright (C) 2020 CA. All rights reserved. R00718-ACF160-SP1 DESC(REESTABLISH ELEVATIONS AFTER AN IPL). ++VER (Z038) FMID (CAX1G00) PRE (R096914 R099162 R099742 S003889 S006579 S007898 S010216 S011443) SUP (ST11631) ++HOLD (SO11631) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20100) COMMENT (<pre> +-----+ CA-ACF2-MVS 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(SAFRT00B) 4. Stop and restart of ACF2).</pre>

Service	Details																																																																																			
SO11664	SO11664 M.C.S. ENTRIES = ++PTF (SO11664) ADD NEW OPTION TO SHOW OMVS COMMAND TO REMOVE DELIMITERS ENHANCEMENT DESCRIPTION: This update will add an option to the SHOW OMVS command to specify whether or not commas will be used as a delimiter in the display of GID and UID lists. This is to be more consistent with how UNIX does displays. The new option in the SHOW OMVS command will be: DELIMIT(YES NO) --- DELIMIT(NO) may be abbreviated as ND This option will be in addition to the options already allowed on the SHOW OMVS command. Example: SHOW OMVS ND -- OPENEDITION MVS DISPLAY -- -- OMVS USERS -- <table><tr><th>UID</th><th>NAME</th><th>MAPOWNER</th></tr><tr><td colspan="3">-----</td></tr><tr><td>0</td><td>\$\$ROOT\$\$</td><td></td></tr><tr><td>31201</td><td>CCITCPGW</td><td></td></tr><tr><td>74101</td><td>XXXXXX</td><td></td></tr><tr><td>99999999</td><td>OEDFLT</td><td></td></tr><tr><td>99999999</td><td>OMVSU</td><td></td></tr><tr><td>99999999</td><td>OMVSUSER</td><td></td></tr><tr><td>123456789</td><td>CPFUSER1</td><td></td></tr><tr><td>123456809</td><td>SALEM</td><td></td></tr><tr><td>2147483646</td><td>HOTPDFTU</td><td></td></tr></table> PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10353 Copyright (C) 2020 CA. All rights reserved. R00721-ACF160-SP1 DESC(ADD NEW OPTION TO SHOW OMVS COMMAND TO REMOVE DELIMITERS). ++VER (Z038) FMID (CAX1G00) SUP (R080402 ST11664 TR80402) ++HOLD (SO11664) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20226) COMMENT (<table><tr><td colspan="2">+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> </td><td>CA-ACF2-MVS</td><td>Version 16.0</td><td> </td></tr><tr><td colspan="4">+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> SEQUENCE</td><td> </td><td>After Apply</td><td> </td></tr><tr><td colspan="4">+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> PURPOSE</td><td> </td><td>Activate change without IPL</td><td> </td></tr><tr><td colspan="4">+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> USERS</td><td> </td><td>All users</td><td> </td></tr><tr><td> AFFECTED</td><td> </td><td></td><td> </td></tr><tr><td colspan="4">+-----+-----+-----+-----+-----+-----+</td></tr><tr><td> KNOWLEDGE</td><td> </td><td>Operator commands</td><td> </td></tr><tr><td> REQUIRED</td><td> </td><td></td><td> </td></tr><tr><td colspan="4">+-----+-----+-----+-----+-----+-----+</td></tr></table>	UID	NAME	MAPOWNER	-----			0	\$\$ROOT\$\$		31201	CCITCPGW		74101	XXXXXX		99999999	OEDFLT		99999999	OMVSU		99999999	OMVSUSER		123456789	CPFUSER1		123456809	SALEM		2147483646	HOTPDFTU		+-----+-----+-----+-----+-----+-----+			CA-ACF2-MVS	Version 16.0		+-----+-----+-----+-----+-----+-----+				SEQUENCE		After Apply		+-----+-----+-----+-----+-----+-----+				PURPOSE		Activate change without IPL		+-----+-----+-----+-----+-----+-----+				USERS		All users		AFFECTED				+-----+-----+-----+-----+-----+-----+				KNOWLEDGE		Operator commands		REQUIRED				+-----+-----+-----+-----+-----+-----+			
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Service	Details
	ACCESS z/OS Operator console
	REQUIRED
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	* STEPS TO PERFORM *

	1. F LLA,REFRESH
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Service	Details																																
SO11690	SO11690 M.C.S. ENTRIES = ++PTF (SO11690) ISSUE ACF6D076 FOR CERTIFICATE RENEW DATE CONFLICT PROBLEM DESCRIPTION: When the RENEW subcommand is issued to renew a certificate it is possible that the "not after" date on the renewed certificate will be greater than the "not after" date on the signing certificate. This fix modifies RENEW processing so that message ACF6D076 is issued when that situation is detected. The message text is: ACF6D076 The certificate's date range conflicts with the signing certificate's date range. Adding certificate with NOTRUST status. SYMPTOMS: The RENEW command creates a certificate which may not be useable and assigns it TRUST status with no indication to the security administrator that a potential problem exists. IMPACT: The renewed certificate may not work as intended. CIRCUMVENTION: Specify the EXPIRE operand on the RENEW subcommand with an expiration date less than that of the signing certificate, or extend the expiration date of the signing certificate before attempting the RENEW subcommand PRODUCT(S) AFFECTED: ACF2MS CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10391 Copyright (C) 2020 CA. All rights reserved. R00722-ACF160-SP1 DESC(ISSUE ACF6D076 FOR CERTIFICATE RENEW DATE CONFLICT). ++VER (Z038) FMID (CAX1G00) PRE (R089501 R095082 R095350 R095610 R095905 S005219 S005764) SUP (ST11690) ++HOLD (SO11690) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20226) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> CA-ACF2-MVS</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 </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>	+-----+		CA-ACF2-MVS	Version 16.0	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	Activate change	+-----+		USERS	All users	AFFECTED		+-----+		KNOWLEDGE	Operator commands	REQUIRED		+-----+		ACCESS	z/OS Operator console	REQUIRED		+-----+	
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Service	Details
	***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. F ACF2,NEWMOD (ACF00SVA)) .

Service	Details		
SO11827	SO11827 M.C.S. ENTRIES = ++PTF (SO11827) ENFORCE MATCHLIM FOR OMVS SECTRACE FOR DSN PROBLEM DESCRIPTION: OMVS SECTRACE with DEST=DATASET is capable of flooding CSA storage with trace messages. This fix modifies OMVS SECTRACE processing so that MATCHLIM is enforced when the trace output is directed to the dataset. The default MATCHLIM value is 65,535 events. Setting MATCHLIM to zero disables all MATCHLIM checking. SYMPTOMS: CSA may be flooded by SECTRACE output messages, particularly when TYPE=ALL is specified. IMPACT: CSA may be flooded by SECTRACE output messages. CIRCUMVENTION: Route OMVS SECTRACE output by limiting the output by specifying the SFUNC or FUNC parameter. PRODUCTS AFFECTED: CA-ACF2-MVS Release 16.0 Related Problem: ACF2MS 10393 Copyright (C) 2020 CA. All rights reserved. R00723-ACF160-SP1 DESC (ENFORCE MATCHLIM FOR OMVS SECTRACE FOR DSN) . ++VER (Z038) FMID (CAX1G00) PRE (R084559 R090749 R092884) SUP (ST11827) ++HOLD (SO11827) SYSTEM FMID(CAX1G00) REASON (IPL) DATE (20226) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. IPL CLPA).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details																		
SO11869	SO11869 M.C.S. ENTRIES = ++PTF (SO11869) CHKCERT/EXPORT COMMANDS GETS SENT TO CEM AS LIST COMMANDS PROBLEM DESCRIPTION: Need to normalize the various profile commands that do other commands behind the scenes. The original commands need to be passed to CEM. This includes the following commands: CHKCERT, EXPORT, CONNECT, GENCERT, REKEY, P11TOKEN, ROLLOVER, RENEW, REMOVE and GENREQ. For instance, CHKCERT and EXPORT commands get sent to CEM as LIST commands. SYMPTOMS: Commands are being passed to CEM incorrectly. For instance, CHKCERT and EXPORT commands get sent to CEM as LIST commands. IMPACT: Cannot write policy in CEM for the commands passed to CEM incorrectly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10271 Copyright (C) 2020 CA. All rights reserved. R00725-ACF160-SP1 DESC(CHKCERT/EXPORT COMMANDS GETS SENT TO CEM AS LIST COMMANDS). ++VER (Z038) FMID (CAX1G00) PRE (R095203 R099162 S001563 S006001 S006579 S007040 S010329) SUP (R086546 S008610 S009277 ST03790 ST08610 ST09277 ST09539 ST11869 TR86546) ++HOLD (SO11869) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20226) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</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. LLA Refresh	CA-ACF2-MVS	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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CA ACF2 16.0
CA RS 2009 - PTF SO11869 Details

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

Service	Details
SO12111	SO12111 M.C.S. ENTRIES = ++PTF (SO12111) TAMZ: WRONG MSG ELEVATE & SJVM NOT ACTIVE, AUDIT CHANGES PROBLEM DESCRIPTION: TAMz ELEVATE command gets message ACF60068 instead of ACF60073 when Advanced Authentication Mainframe (AAM) is active but the Security JVM is not. Enhancement: SHOW ELEVATE will no longer check the TAM.DISPLAY.ALLUSERS when the user issuing the command has the AUIDT privilege. SYMPTOMS: TAMz ELEVATE command gets message ACF60068 instead of ACF60073 when Advanced Authentication Mainframe (AAM) is active but the Security JVM is not. IMPACT: User cannot ELEVATE but the reason is not clear due to the wrong message being shown. CIRCUMVENTION: Start the Security JVM started task. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10398 Copyright (C) 2020 CA. All rights reserved. R00730-ACF160-SP1 DESC(TAMZ: WRONG MSG ELEVATE & SJVM NOT ACTIVE, AUDIT CHANGES). ++VER (Z038) FMID (CAX1G00) PRE (R099162 S006579 S007898 S010216 S011631) SUP (ST12111)

Service	Details		
SO12160	SO12160 M.C.S. ENTRIES = ++PTF (SO12160) ALLOW VVDS IMPLICIT ALLOCATION BY SMS PROBLEM DESCRIPTION: ACF2 currently validates all VVDS allocation attempts. This includes implicit/dynamic VVDS allocation driven by SMS and explicit VVDS allocation (i.e. driven by IDCAMS). This fix bypasses the VVDS validation when SMS dynamically allocates a VVDS on a new SMS volume. SYMPTOMS: ACF2 violations on implicit allocation of a VVDS on new SMS volumes: ACF99913 ACF2 VIOLATION-08,06,lid,volume,SYS1.VVDS.VXXXXXX,N/A IMPACT: User cannot allocate an SMS dataset when it is the first one being created on a new SMS volume. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10400 Copyright (C) 2020 CA. All rights reserved. R00731-ACF160-SP1 DESC(ALLOW VVDS IMPLICIT ALLOCATION BY SMS). ++VER (Z038) FMID (CAX1G00) SUP (ST12160) ++HOLD (SO12160) SYSTEM FMID(CAX1G00) REASON (IPL) DATE (20226) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. Perform an IPL with CLPA).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details																		
SO12291	SO12291 M.C.S. ENTRIES = ++PTF (SO12291) LDS TIMING PROBLEM HANGS STOP COMMAND & PREVENTS PROPAGATION PROBLEM DESCRIPTION: LDS initialization processing has a timing problem which causes two different symptoms: 1) LDS propagation stops and results in orphaned subpool 241 storage 2) If a 'F ACF2,LDS(STOP)' command is attempted it will hang after message 'ACFDA017 LDS TERMINATING' is issued. The STOP command never completes and subsequent attempts to recover by stopping ACF2 will not complete either. SYMPTOMS: When an LDS STOP is issued 'ACFDA017 LDS TERMINATING' appears but subsequent 'CAS237DI LDS Termination Started' and 'ACFDA015 LDS TERMINATION COMPLETE' messages are never issued. Also, the propagation of LDS related LOGONID record changes stops. The stoppage of LDS propagation may be accompanied by a buildup of orphaned subpool 241 storage acquired in ACF0BSMF, with one block being orphaned for each LDS database update that fails to propagate. IMPACT: LDS does not shut down or process any work. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10402 Copyright (C) 2020 CA. All rights reserved. R00732-ACF160-SP1 DESC(LDS TIMING PROBLEM HANGS STOP COMMAND & PREVENTS PROPAGATION). ++VER (Z038) FMID (CAX1G00) PRE (R084877 R092884 R099162 SO11443) SUP (R092798 SO10412 ST10412 ST12291 TR92798) ++HOLD (SO12291) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Enable new code</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></td></tr> </table> +	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Enable new code	USERS	All users	AFFECTED		KNOWLEDGE	z/OS Console commands	REQUIRED		ACCESS	z/OS Console	REQUIRED	
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ACCESS	z/OS Console																		
REQUIRED																			

Service	Details
	***** * STEPS TO PERFORM * ***** 1. Refresh LLA 2. STOP and restart ACF2) .

Service	Details
SO12556	SO12556 M.C.S. ENTRIES = ++PTF (SO12556) JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE ENHANCEMENT DESCRIPTION: The z/OS JES3 component has been separated out as a new product from Phoenix Software. This enhancement will support the new JES3 PLUS. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10409 Copyright (C) 2020 CA. All rights reserved. R00737-ACF160-SP1 DESC(JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE). ++VER (Z038) FMID (CAX1G00) SUP (ST12556) ++IF FMID(CAX1G02) REQ(SO12738) .

Service	Details
SO12667	SO12667 M.C.S. ENTRIES = ++PTF (SO12667) ERROR VALIDATING TICKET ON RECEIVE CALL PROBLEM DESCRIPTION: Problem 1: Receiving an RC=8 for Ticket Validation from a Remote System during TAMz authorization processing. Problem 2: Using the ACF2 panel PROFILE RECORD SELECTION for MFA PROFILE RECORDS, the LIST and DELETE option do not go to the next panel to specify FACTORNAME. Problem 3: Non existant users can be elevated SYMPTOMS: Problem 1: Blanks are causing invalid characters when passing message to the remote system. Problem 2: Because FACTORNAME is not entered, the request will get ACFOA005 RECORD(S) NOT FOUND Low Problem 3: Elevating a non-existant user is successful if the user doing the elevation has privileged access. IMPACT: Low CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10388 Copyright (C) 2020 CA. All rights reserved. R00739-ACF160-SP1 DESC(ERROR VALIDATING TICKET ON RECEIVE CALL). ++VER (Z038) FMID (CAX1G00) PRE (R096906 R096914 R099162 S006579 S007898 S010216 S011443 S011631) SUP (S000944 S012111 ST00944 ST12111 ST12667) ++HOLD (SO12667) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (CA-ACF2-MVS 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
	<pre>* STEPS TO PERFORM * ***** 1. F LLA,REFRESH 2. F ACF2,NEWMOD(SAFRT00B)).</pre>

Service	Details		
SO12720	SO12720 M.C.S. ENTRIES = ++PTF (SO12720) ACFRPTRV TRUNCATES LAST FEW BYTES OF RULE LOOKUP KEY PROBLEM DESCRIPTION: This fix corrects a problem in ACFRPTVR which causes the last few bytes of a rule lookup key to be truncated when the lookup key is over 34 bytes. Since there is no room on the report line to display the entire lookup key the report processing will be modified to add an additional line showing the entire lookup key for cases where the lookup key is longer than 34 bytes. SYMPTOMS: Truncated ACFRPTVR lookup key IMPACT: ACF2 administration is hampered by not showing the entire resource rule lookup key on ACFRPTVR CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10407 Copyright (C) 2020 CA. All rights reserved. R00741-ACF160-SP1 DESC (ACFRPTRV TRUNCATES LAST FEW BYTES OF RULE LOOKUP KEY) . ++VER (Z038) FMID (CAX1G00) PRE (R088622 R091983 R096906 R099162 S004209 S006579 S007032) SUP (ST12720) ++HOLD (SO12720) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Enable new code USERS Users with resource \$KEY values over 34 bytes long AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. LLA refresh) .	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details
SO12738	SO12738 M.C.S. ENTRIES = ++PTF (SO12738) JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE ENHANCEMENT DESCRIPTION: The z/OS JES3 component has been separated out as a new product from Phoenix Software. This enhancement will support the new JES3 PLUS. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10409 Copyright (C) 2020 CA. All rights reserved. R00737-ACF160-SP1 DESC(JES3: SUPPORT JES3 PLUS Z/OS PRODUCT BY PHOENIX SOFTWARE). ++VER (Z038) FMID (CAX1G02) PRE (R093513 R097123 S005030) SUP (R083837 ST12738 TR83837) ++IF FMID(CAX1G00) REQ(SO12556) .

Service	Details
SO12788	SO12788 M.C.S. ENTRIES = ++PTF (SO12788) ACCESS CMD ACF60301 ACF2 DB2 RULES WITH EXTENDED RESOURCES PROBLEM DESCRIPTION: A user will receive message ACF60301 when doing the ACCESS command for an ACF2 DB2 rule with extended resource rulelines. A simple example: <pre>\$KEY(TEST) TYPE(TBL) SYSID(PROD) TABLE UID(*) SERVICE(SELECT) ALLOW access resource(test.table) sysid(PROD) type(tbl) c(d) ACCESS Subcommand Results as of xx/xx/xx-xx:xx for: TEST.TABLE ACF60301 DTBLPRODTEST.TABLE RULESET NOT FOUND ACF60315 ALL LOGONIDS PREVENTED ACCESS</pre> SYMPTOMS: ACCESS command for ACF2 DB2 rules that have extended resource rules get a message that the ruleset cannot be found. IMPACT: Cannot use ACCESS command for these DB2 rules CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Related Problem: ACF2MS 10414 Copyright (C) 2020 CA. All rights reserved. R00743-ACF160-SP1 DESC (ACCESS CMD ACF60301 ACF2 DB2 RULES WITH EXTENDED RESOURCES). ++VER (Z038) FMID (CAX1G00) SUP (S008613 ST08613 ST12788) ++HOLD (SO12788) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<pre>+-----+ CA-ACF2-MVS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate change without IPL +-----+-----+ USERS All users of the ACCESS command AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH</pre>

Service	Details
	2. Restart ACF2).

Service	Details																		
SO12882	SO12882 M.C.S. ENTRIES = ++PTF (SO12882) CEM DOES NOT SHOW UID WHEN OMVS ADDED WITH LID INSERT PROBLEM DESCRIPTION: INSERT LID with OMVS PROFILE data on command line and the normalized command gets passed to CEM with incorrect data for the OMVS PROFILE data fields. SYMPTOMS: INSERT TESTLID NAME(TEST) PASSWORD(PWTEST) NOPSWD-EXP HOME(/) OMVSPGM(/bin/sh) UID(502) and the normalized record for the OMVS record gets passed to CEM incorrectly. The above command gets passed as two records to CEM, the first LID record is passed correctly, the second OMVS PROFILE record is passed with incorrect data, as follows: INSERT TESTLID NAME(TEST) PASSWORD(PWTEST) NOPSWD-EXP INSERT TESTLID HOME(TEST) OMVSPGM(PWTEST) UID(/) IMPACT: Cannot write correct policy in CEM when the CEM ECA_R051_RECORD passed from ACF2 contains incorrect data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA-ACF2-MVS Related Problem: ACF2MS 10415 Copyright (C) 2020 CA. All rights reserved. R00744-ACF160-SP1 DESC(CEM DOES NOT SHOW UID WHEN OMVS ADDED WITH LID INSERT). ++VER (Z038) FMID (CAX1G00) PRE (R095203 R099162 S001563 S006001 S006579 S007040 S010329) SUP (R086546 S008610 S009277 S011869 ST03790 ST08610 ST09277 ST09539 ST11869 ST12882 TR86546) ++HOLD (SO12882) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</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 sites using Compliance Event Manager</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 *	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change without IPL	USERS	All sites using Compliance Event Manager	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate change without IPL																		
USERS	All sites using Compliance Event Manager																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

Service	Details
	***** 1. Refresh LLA 2. F ACF2,NEWMOD (ACF00SVA)) .

Service	Details
SO12963	SO12963 M.C.S. ENTRIES = ++PTF (SO12963) OC4 ACSV2XXX WHEN INSERTING/CHANGING ACF2 RECORDS PROBLEM DESCRIPTION: Intermittent SOC4 abends in ACSV2xxx routines when inserting or changing ACF2 records. SYMPTOMS: SOC4 abend in an ACSV2xxx routine. IMPACT: User is unable to insert/change certain ACF2 records. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10419 Copyright (C) 2020 CA. All rights reserved. R00746-ACF160-SP1 DESC(OC4 ACSV2XXX WHEN INSERTING/CHANGING ACF2 RECORDS). ++VER (Z038) FMID (CAX1G00) PRE (R096914 S000010) SUP (ST12963) ++HOLD (SO12963) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<pre> +-----+ CA-ACF2-MVS 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)) . </pre>

Service	Details	
SO13142	SO13142 M.C.S. ENTRIES = ++PTF (SO13142)	
	PSWD-VIO NOT UPDATED, CAN'T USE REGULAR PSWD CA AAM RSA	
	PROBLEM DESCRIPTION:	
	CA AAM RSA SecurID users cannot use their normal password when the RSA server cannot be reached.	
	Password vio count not updated when CA AAM RSA SecurID user enters a bad token code	
	SYMPTOMS:	
	CA AAM RSA SecurID users cannot use their normal password when the RSA server cannot be reached.	
	Password vio count not updated when CA AAM RSA SecurID user enters a bad token code	
	IMPACT:	
	CA AAM RSA SecurID users cannot use their normal password when the RSA server cannot be reached.	
	Password vio count not updated when CA AAM RSA SecurID user enters a bad token code	
	CIRCUMVENTION:	
	Stop the CA AAM Started task	
	PRODUCT(S) AFFECTED:	
	CA-ACF2-MVS	Version 16.0
	Related Problem:	
	ACF2MS 10420	
	Copyright (C) 2020 CA. All rights reserved. R00754-ACF160-SP1	
	DESC (PSWD-VIO NOT UPDATED, CAN'T USE REGULAR PSWD CA AAM RSA) .	
	++VER (Z038)	
	FMID (CAX1G00)	
	PRE (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)	
	SUP (AR97779 AS01563 AS03889 AS07042 AS11443 BS07042	
	OC87799 RC87799 R091396 R095192 R097073 R097763	
	S000374 S000474 S001064 S005045 S005420 S005787	
	S007724 S009547 S010255 S012328 S013141 ST00374	
	ST00474 ST01064 ST05045 ST05420 ST05787 ST07724	
	ST09547 ST10255 ST12086 ST12328 ST12985 ST12992	
	ST13059 ST13141 ST13142 TR91396 TR95192 TR97073	
	TR97763 XC87799)	
	++HOLD (SO13142) SYSTEM FMID(CAX1G00)	
	REASON (DYNACT) DATE (20225)	
	COMMENT (	
	+-----+	
	CA-ACF2-MVS	Version 16.0
	+-----+	
	SEQUENCE	After Apply
	+-----+	
	PURPOSE	Activate change without IPL
	+-----+	
	USERS	All users
	AFFECTED	

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

Service	Details
S013143	S013143 M.C.S. ENTRIES = ++PTF (S013143) ENCRYPT SSKEY FIELD OF THE PTKTDATA SSIGNON RECORD PROBLEM DESCRIPTION: ENCRYPT and KEYLABEL fields added to the PTKTDATA SSIGNON record to allow SSKEY field to be encrypted instead of being masked. For new SSKEY records, inserting the record with SSKEY and KEYLABEL will place the SSKEY in the ICSF CKDS under the key label specified. If inserting with SSKEY and ENCRYPT, the SSKEY value will be placed in the ICSF CKDS under a key label generated by CA-ACF2. If inserting with only a KEYLABEL value, it is assumed that the SSKEY value is already in the ICSF CKDS under that KEYLABEL. For existing key label values, specifying a KEYLABEL on a change command will remove the SSKEY value from the record and place it in the ICSF CKDS. If specifying ENCRYPT on a change command, the SSKEY value will be removed from the record and placed in the ICSF CKDS under a generated key label value. When listing a PTKTDATA SSIGNON record, the SSKEY value will no longer appear when the value is in the ICSF CKDS. The KEYLABEL value will be displayed. When deleting a PTKTDATA SSIGNON record, the entry in the ICSF CKDS will also be deleted. If you want to override the ICSF CKDS delete, you can specify DELETE recordid NOCKDS. That will leave the value in the CKDS. SYMPTOMS: New feature IMPACT: SSKEY values can now be encrypted. When creating keys in the ICSF CKDS the administrator will need access to the CSFCKI, CSFKRC and CSFKRW resources in the CSFSERV class. When deleting keys from the ICSF CKDS, access to CSFKRD in the CSFSERV class is required. The ICSF modules CSNBCKI, CSNBDEC, CSNBKRC, CSNBKRD and CSNBKRW must reside in a APF authorized link list dataset. The ICSF module CSNBENC must reside in LPA. It can be added into PLPA or MLPA via PARMLIB members. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA-ACF2-MVS Related Problem: ACF2MS 10264 Copyright (C) 2020 CA. All rights reserved. R00755-ACF160-SP1 DESC(ENCRYPT SSKEY FIELD OF THE PTKTDATA SSIGNON RECORD). ++VER (Z038) FMID (CAX1G00) PRE (R080009 R080625 R080764 R084555 R084559 R084842 R084877 R084952 R085672 R089039 R089360 R089501 R091120 R091169 R092400 R092884 R093240 R093554 R094599 R095203 R095218 R095460 R095461 R095610 R095905 R096464 R096905 R096906 R096914 R097094 R097388 R097777 R097779 R097921 R098208 R099159 R099162 R099164 R099742 S001422 S001516 S001518 S001559 S001563 S001728 S003886 S003889 S003900 S004047 S004448 S005486 S006214 S006579 S006670 S006672 S006686 S007040 S007042 S008589 S009545

Version 16.0

Service	Details
	S010329 S011443 S011647) SUP (AR92884 AR97779 AS01516 AS01563 AS03886 AS03889 AS06579 AS06996 AS07042 AS11443 BS07042 OC87799 RC87799 R080735 R085623 R087944 R091396 R091939 R094877 R095168 R095192 R096075 R096880 R097073 R097763 R099493 S000153 S000214 S000304 S000374 S000474 S001064 S003867 S004395 S004534 S005045 S005420 S005647 S005787 S006605 S006996 S007429 S007724 S007950 S008219 S008263 S009195 S009547 S010183 S010255 S012328 S013141 S013142 ST00153 ST00214 ST00304 ST00374 ST00474 ST01064 ST03867 ST04395 ST04534 ST05045 ST05420 ST05647 ST05787 ST06605 ST06996 ST07429 ST07724 ST07849 ST07950 ST08219 ST08263 ST09195 ST09547 ST09805 ST10183 ST10185 ST10255 ST10859 ST11893 ST12086 ST12328 ST12385 ST12985 ST12992 ST13059 ST13141 ST13142 ST13143 TR80411 TR80735 TR85623 TR87944 TR91396 TR91939 TR94877 TR95168 TR95192 TR95575 TR96075 TR96880 TR97073 TR97763 TR99493 UC87799 XC87799) ++HOLD (S013143) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20234) COMMENT (<pre> +-----+ CA-ACF2-MVS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate change +-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE z/OS Console commands REQUIRED +-----+-----+ ACCESS z/OS Console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Issue operator command 'F LLA,REFRESH'. 2. Make sure that CSFBENC resides in LPA. 3. Execute console command 'F ACF2,NEWMOD(ACF00SVA)'. 4. Execute console command 'F ACF2,NEWMOD(ACF9C000)'. 5. Execute console command 'F ACF2,NEWMOD(ACFOEGCT)'. 6. Execute console command 'F ACF2,NEWMOD(SAFCRCSF)'. 7. Execute console command 'F ACF2,NEWMOD(SAFOEDRV)'. 8. Execute console command 'F ACF2,NEWMOD(SAFOETRC)'. 9. Execute console command 'F ACF2,NEWMOD(SAF06TRC)'. 10. Execute console command 'F ACF2,NEWMOD(SAFPTGEN)'. 11. Execute console command 'F ACF2,NEWMOD(SAFRT008)'. 12. Execute console command 'F ACF2,NEWMOD(SAFSRVDX)'.). </pre>

Service	Details		
SO13192	SO13192 M.C.S. ENTRIES = ++PTF (SO13192) CHKCERT MAY INCORRECTLY SHOW KEY USAGE OF HANDSHAKE PROBLEM DESCRIPTION: When CHKCERT is issued against a certificate which has a key usage extension of x'86' it shows both HANDSHAKE and CERTSIGN. The HANDSHAKE key usage should not be shown for that situation. SYMPTOMS: The CHKCERT subcommand shows: Key Usage: HANDSHAKE CERTSIGN IMPACT: The key usage of certificate is not reported correctly CIRCUMVENTION: Run SAFCRRPT with the EXT parameter to report the certificate extensions correctly PRODUCT(S) AFFECTED: CA-ACF2-MVS Release 16.0 Related Problem: ACF2MS 10425 Copyright (C) 2020 CA. All rights reserved. R00758-ACF160-SP1 DESC(CHKCERT MAY INCORRECTLY SHOW KEY USAGE OF HANDSHAKE). ++VER (Z038) FMID (CAX1G00) PRE (R089501 R095082 R096905 S005219 S005764 S006033) SUP (ST13192) ++HOLD (SO13192) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** LLA Refresh).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details	
SO13250	SO13250 M.C.S. ENTRIES = ++PTF (SO13250) MASKED RULE INCORRECTLY ALLOWS CSF XFACILIT CLASS EXTRACT PROBLEM DESCRIPTION: CSF issues many RACROUTE EXTRACT calls for XFACILIT class resources at startup (or when the XFACILIT directory is rebuilt). The EXTRACT calls specify MATCHGN=NO to prevent a generic profile from matching the entity on the EXTRACT calls. The ACF2 handling of these EXTRACT calls allows a masked XFACILIT rule to match the entity and erroneously set the EXTRACT return and reason codes to 0/0:0 causing CSF to be configured incorrectly. This fix changes ACF2 EXTRACT processing so that a masked XFACILIT resource will not match the specific entities being checked by CSF. Before activating this fix, sites that have any masked XFACILIT CSF rules should take steps to convert the masked resource rule to specific rules in order to ensure proper CSF configuration. SYMPTOMS: IMPACT: CSF is not properly configured CIRCUMVENTION: Do not use masked XFACILIT class CSF rules PRODUCT(S) AFFECTED: CA-ACF2-MVS Release 16.0 Related Problem: ACF2MS 10426 Copyright (C) 2020 CA. All rights reserved. R00759-ACF160-SP1 DESC(MASKED RULE INCORRECTLY ALLOWS CSF XFACILIT CLASS EXTRACT) . ++VER (Z038) FMID (CAX1G00) PRE (R080009 R080764 R084877 R085672 R092884 R093240 R093554 R096464 R096905 R096906 R096914 R097779 S003886 S006579 S006670 S010329 S011443 S011647 S013143) SUP (AS03886 AS06579 AS06996 R080735 R085623 R091939 R096880 S000153 S004534 S005647 S006605 S006996 S007429 S008219 S009195 S010183 ST00153 ST04534 ST05647 ST06605 ST06996 ST07429 ST07849 ST08219 ST09195 ST10183 ST13250 TR80411 TR80735 TR85623 TR91939 TR96880 UC87799) ++HOLD (SO13250) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20234) COMMENT (-----+ CA-ACF2-MVS	

Service	Details
	AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Review masked XFACILIT class rules for CSF resources. If any exist they must be converted to specific rules. 2. Refresh LLA 3. F ACF2,NEWMOD(ACF00SVA)).

Service	Details																		
SO13513	SO13513 M.C.S. ENTRIES = ++PTF (SO13513) LOCATE HANGS FOR LIBRARY IN RLS MODE CATALOG PROBLEM DESCRIPTION: ACF2 initialization processing for GSO LINKLIST libraries can hang on a LOCATE (SVC 26) when the library is catalogued in an RLS mode catalog. The problem is due to the start of SMSVSAM being delayed until after ACF2 is up. This change allows SMSVSAM to come up earlier in the IPL in order to prevent the hang on the LOCATE macro. SYMPTOMS: ACF2 hang during initialization processing while reading GSO LINKLIST records IMPACT: ACF2 cannot complete initialization. CIRCUMVENTION: Do not specify libraries in the GSO LINKLIST record if they are catalogued in an RLS mode catalog. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10429 Copyright (C) 2020 CA. All rights reserved. R00763-ACF160-SP1 DESC(LOCATE HANGS FOR LIBRARY IN RLS MODE CATALOG) . ++VER (Z038) FMID (CAX1G00) PRE (R080625 R084877 R084952 R089602 R092884 R095218 SO10329) SUP (AC87799 R087685 R097246 S005485 S005771 S010295 ST05485 ST05771 ST10295 ST13513 TR87685 TR97246) ++HOLD (SO13513) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</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> <tr> <td>USERS</td><td>All users with RLS mode catalogs</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. LLA refresh	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate change	USERS	All users with RLS mode catalogs	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate change																		
USERS	All users with RLS mode catalogs																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

Service	Details
	2. Execute console command 'F ACF2,NEWMOD(ACF9C000) ').

Service	Details		
SO13754	SO13754 M.C.S. ENTRIES = ++PTF (SO13754) GENCERT FROM PKCS#10 CSR GETS CAS20C1E ERROR WITH RSN 212 PROBLEM DESCRIPTION: In some cases a GENCERT command issued to sign a PKCS#10 CSR will fail with message CAS20C1E. The ACF2 GENCERT processing is not able to correctly parse the PKCS#10 request resulting in the CAS20C1E error. SYMPTOMS: The following message is issued: CAS20C1E Invalid data in PKCS #10 request - RSN - 212 IMPACT: Digital certificate administration is hampered CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10435 Copyright (C) 2020 CA. All rights reserved. R00768-ACF160-SP1 DESC(GENCERT FROM PKCS#10 CSR GETS CAS20C1E ERROR WITH RSN 212). ++VER (Z038) FMID (CAX1G00) SUP (R080415 ST13754 TR80415) ++HOLD (SO13754) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. LLA refresh 2. Execute console command 'F ACF2,NEWMOD(SAFCRGCT) ').	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details
S013978	M.C.S. ENTRIES = ++PTF (S013978) FIX PROBLEMS WITH R_FACTOR, IBM MFA OUT-OF-BAND SUPPORT PROBLEM DESCRIPTION: 1. correct S047 abend when R_factor caller is not APF authorized 2. correct problem with R_factor when tag data is longer than 256 bytes 3. add support for IBM MFA factor AZFYUBI1 SYMPTOMS: 1. S047 abend will occur when R_factor is called by a non-APF authorized program. 2. Tag data will be incomplete in the R_factor caller's return buffer. IMPACT: 1. S047 abend will occur when R_factor is called by a non-APF authorized program. 2. Tag data will be incomplete in the R_factor caller's return buffer. CIRCUMVENTION: 1. If possible, APF authorize the program doing the R_factor call. 2. None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10405 Copyright (C) 2020 CA. All rights reserved. R00780-ACF160-SP1 DESC(FIX PROBLEMS WITH R_FACTOR, IBM MFA OUT-OF-BAND SUPPORT). ++VER (Z038) FMID (CAX1G00) PRE (R080009 R080764 R084559 R084877 R085672 R092884 R093240 R093554 R095460 R096464 R096905 R096906 R096914 R097779 R099159 R099162 R099164 S001422 S001559 S001728 S003886 S003889 S006579 S006670 S009545 S010329 S011443 S011647 S013143) SUP (AS03886 AS06579 AS06996 LC87799 R080735 R085623 R091401 R091939 R093881 R096443 R096880 R099035 SC87799 S000153 S004534 S005647 S005772 S006605 S006996 S007429 S008219 S009114 S009195 S010183 S013250 ST00153 ST04534 ST05647 ST05772 ST06605 ST06996 ST07429 ST07849 ST08219 ST09114 ST09195 ST10183 ST13250 ST13975 ST13978 TR80411 TR80735 TR85623 TR91401 TR91939 TR93881 TR95607 TR96443 TR96880 TR98868 TR99010 TR99035 UC87799) ++HOLD (S013978) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20237) COMMENT (+-----+ CA-ACF2-MVS 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. LLA REFRESH ***** 2. F ACF2,NEWMOD(ACF00SVA) 3. F ACF2,NEWMOD(ACF9C000) 4. F ACF2,NEWMOD(ACFOEGCT) 5. F ACF2,NEWMOD(SAFOEDRV)).

Service	Details		
SO14051	SO14051 M.C.S. ENTRIES = ++PTF (SO14051) ABEND 0C4 AT X'1610' IN CAS4DSRV PROBLEM DESCRIPTION: Abend 0C4 in CAS4DSRV when attempting to access the SMDE_ID eyecatcher of the SMDE block from the DESERV parameter list. SYMPTOMS: Abend 0C4 in CAS4DSRV at approximetly offset x'1610' IMPACT: N/A CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10442 Copyright (C) 2020 CA. All rights reserved. R00783-ACF160-SP1 DESC (ABEND 0C4 AT X'1610' IN CAS4DSRV) . ++VER (Z038) FMID (CAX1G00) SUP (ST14051) ++HOLD (SO14051) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. IPL CLPA).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details																		
SO14103	SO14103 M.C.S. ENTRIES = ++PTF (SO14103) RECORD SECURITY WITH RULEVLD OR RSRCVLD IN SMF RECORDS ENHANCEMENT DESCRIPTION: Two new indicators in SMF records have been defined to indicate that RULEVLD or RSRCVLD was in effect. In the TYPE D (Dataset) record, mapped by ACFSMFDX: A\$SSMSC3:A\$SSM3RV In the TYPE V (RSRC Vio) record, mapped by ACFSMFVX: ACVMFLG2:ACVMF2RV PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10447 Copyright (C) 2020 CA. All rights reserved. R00785-ACF160-SP1 DESC(RECORD SECURITY WITH RULEVLD OR RSRCVLD IN SMF RECORDS). ++VER (Z038) FMID (CAX1G00) PRE (R080628 R081740 R081866 R088622 R096906 R098008 R099162 S004209 S006579 S007032 S008396 S011856) SUP (AS10599 AS11856 R097234 R099469 S000564 S010599 S013163 S013598 ST00564 ST10599 ST13163 ST13598 ST14103 TR97234 TR99469 WC87799) ++HOLD (SO14103) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20233) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Enable new code</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></td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. F ACF2,NEWMOD(ACF00SVA) 3. F ACF2,NEWMOD(ACF99SVC)) .	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Enable new code	USERS	All users	AFFECTED		KNOWLEDGE	z/OS Console commands	REQUIRED		ACCESS	z/OS Console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Enable new code																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	z/OS Console commands																		
REQUIRED																			
ACCESS	z/OS Console																		
REQUIRED																			

Service	Details		
SO14108	SO14108 M.C.S. ENTRIES = ++PTF (SO14108) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10399 Copyright (C) 2020 CA. All rights reserved. R00786-ACF160-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CAX1G00) PRE (R080009 R080764 R081740 R081866 R084877 R085672 R086888 R087405 R087790 R089039 R089101 R091913 R092884 R093240 R093554 R094599 R095218 R095220 R096464 R096905 R096906 R096914 R097779 R097781 R097921 R099162 R099163 R099742 S001571 S003886 S003889 S006579 S006670 S007898 S008396 S010329 S011443 S011647 S011856 S013143 S013978) SUP (AR89039 AR95220 AS03886 AS06579 AS06996 BR89039 R080735 R085623 R089117 R091939 R091962 R095562 R096880 S000153 S004077 S004534 S004776 S005647 S005723 S006605 S006633 S006996 S007429 S008219 S009195 S009810 S010183 S011887 S013250 ST00153 ST04077 ST04534 ST04776 ST05647 ST05723 ST06605 ST06633 ST06996 ST07429 ST07849 ST08122 ST08219 ST09195 ST09810 ST10183 ST11887 ST12575 ST13146 ST13250 ST13304 ST13772 ST13941 ST14108 ST14409 TR80411 TR80735 TR85623 TR89117 TR91939 TR91962 TR95562 TR96880 UC87799 ZC87799) ++HOLD (SO14108) SYSTEM FMID(CAX1G00) REASON (IPL) DATE (20237) COMMENT (<table> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

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

	* STEPS TO PERFORM *

	1, IPL CLPA
	).

Service	Details		
SO14162	SO14162 M.C.S. ENTRIES = ++PTF (SO14162) ADDED PRECISION IN SMF AND OMVS SECTRACE TIMESTAMP PROBLEM DESCRIPTION: ACFRPTOM and OMVS SECTRACE time stamps are imprecise because they use CVTTZ to calculate the time zone offset rather than the more precise CVTLDT0 value. This fix changes ACF2 to use CVTLDT0 instead of CVTTZ for SMF reporting and OMVS tracing. SYMPTOMS: SMF and OMVS SECTRACE time stamps may differ slightly from other z/OS time functions such as the SYSLOG time stamp or the Rexx time() function. IMPACT: SMF and OMVS SECTRACE time stamps are imprecise. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS CA-ACF2-MVS Release 16.0 Related Problem: ACF2MS 10449 Copyright (C) 2020 CA. All rights reserved. R00789-ACF160-SP1 DESC(ADDED PRECISION IN SMF AND OMVS SECTRACE TIMESTAMP). ++VER (Z038) FMID (CAX1G00) PRE (R099162) SUP (ST14162) ++HOLD (SO14162) SYSTEM FMID(CAX1G00) REASON (IPL) DATE (20237) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All users AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. IPL CLPA).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details																		
SO14200	SO14200 M.C.S. ENTRIES = ++PTF (SO14200) ACFRPTXR: INCORRECT %RCHANGE REPORTING PROBLEM DESCRIPTION: Incorrect %RCHANGE information reported by ACFRPTXR SYMPTOMS: Incorrect report output related to %RCHANGE access rule records IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Release 15.0 CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10450 Copyright (C) 2020 CA. All rights reserved. R00790-ACF160-SP1 DESC (ACFRPTXR: INCORRECT %RCHANGE REPORTING) . ++VER (Z038) FMID (CAX1G00) PRE (SO10293) SUP (ST14200) ++HOLD (SO14200) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20219) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Enable new code</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></td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. LLA Refresh (if applicable)).	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Enable new code	USERS	All users	AFFECTED		KNOWLEDGE	z/OS Console commands	REQUIRED		ACCESS	z/OS Console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Enable new code																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	z/OS Console commands																		
REQUIRED																			
ACCESS	z/OS Console																		
REQUIRED																			

Service	Details		
SO14280	SO14280 M.C.S. ENTRIES = ++PTF (SO14280) SOC4 ABEND IN ACF03RUL+1044 AFTER SO06579 PROBLEM DESCRIPTION: After installation of PTF SO06579 an abend SOC4 may occur in module ACF03RUL+1044 if a large rule record is updated by a user who gained update authority via an ELEVATE command. SYMPTOMS: SVC Dump and message: CCSR010E SVCARECV SOC4 at aaaaaaaa LMOD ACF00SVA CSECT ACF03RUL +001044 jjjjjj N/A ssssss IMPACT: ACF2 rule administration is hampered CIRCUMVENTION: Update the rule from a user who has the SECURITY attribute without having to ELEVATE. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10452 Copyright (C) 2020 CA. All rights reserved. R00797-ACF160-SP1 DESC(SOC4 ABEND IN ACF03RUL+1044 AFTER SO06579). ++VER (Z038) FMID (CAX1G00) PRE (R091169 SO06579) SUP (CS06579 ST14280) ++HOLD (SO14280) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20230) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change USERS All sites with TAMZ AFFECTED KNOWLEDGE Operator commands REQUIRED ACCESS z/OS Operator console REQUIRED ***** * STEPS TO PERFORM * ***** 1. LLA Refresh 2. Execute console command 'F ACF2,NEWMOD(ACF00SVA) ').	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

Service	Details		
SO14631	SO14631 M.C.S. ENTRIES = ++PTF (SO14631) SUPPORT RECORDS FOR JES SPOOL ENCRYPTION ENHANCEMENT DESCRIPTION: Add support for JES2 Spool Encryption and Decryption. JESJOBS Profile records must be set up to allow the proper key label to be assigned to the JES2 spool dataset. PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10332 Copyright (C) 2020 CA. All rights reserved. R00808-ACF160-SP1 DESC(SUPPORT RECORDS FOR JES SPOOL ENCRYPTION). ++VER (Z038) FMID (CAX1G00) PRE (R080009 R080625 R080764 R084877 R085672 R089360 R089501 R092884 R093240 R093554 R096464 R096905 R096906 R096914 R097779 R099162 S000010 S003886 S006579 S006670 S010329 S011443 S011647 S013143 S013978 S014108) SUP (AS03886 AS06579 AS06996 R080735 R085623 R091939 R096880 S000153 S004534 S005647 S006605 S006996 S007429 S008219 S009195 S010183 S013250 ST00153 ST04534 ST05647 ST06605 ST06996 ST07429 ST07849 ST08219 ST09195 ST10183 ST13250 ST14631 TR80411 TR80735 TR85623 TR91939 TR96880 UC87799) ++HOLD (SO14631) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20240) COMMENT (<table> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> 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)).	CA-ACF2-MVS	Version 16.0
CA-ACF2-MVS	Version 16.0		

CA ACF2 16.0
CA RS 2009 Product/Component Listing

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Product Family	Product	Release
Security	CA-ACF2-MVS	16.00.00
The CA RS 2009 Product/Component Count for this release is 1		

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All CA RS Levels Service List

CA RS Level	Service	FMID
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
	S012970	CAX1G04
	S012929	CAX1G03

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All CA RS Levels Service List

CA RS Level	Service	FMID
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
	S008727	CAX1G00
	S008396	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S007585	CAX1G00
	S007573	CAX1G03

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S004012	CAX1G03
	R085622	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S004448	CAX1G00
	S004395	CAX1G00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S001518	CAX1G00
	S001422	CAX1G00

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CA RS Level	Service	FMID
	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
	R099343	CAX1G00
	R099164	CAX1G00

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CA RS Level	Service	FMID
	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
	R097142	CAX1G00
	R096914	CAX1G00

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CA RS Level	Service	FMID
CAR1708	R096906	CAX1G00
	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
	R096094	CAX1G00
	R095936	CAX1G00

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CA RS Level	Service	FMID
	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
	R092540	CAX1G00
	R092536	CAX1G00

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CA RS Level	Service	FMID
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
	R089274	CAX1G00
	R089222	CAX1G00

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CA RS Level	Service	FMID
	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