

CA ACF2 16.0
CA RS 2012 Service List

Service	Description	Type
S014735	ACF00MLS+280 SOD3 ABEND AFTER S013143 WITH MLS ACTIVE	** PRP **
S015033	EXTENDED PASSWORD HISTORY CHECKS SOME PASSWORDS TWICE	PTF
S015537	SAFDQSRT LINKSTACK OVERRUN	PTF
S015560	SOC4 AT SAFRT001+1950 OR +1978 AFTER S014108	** PRP **
The CA RS 2012 service count for this release is 4		

CA ACF2
CA RS 2012 Service List for CAX1G00

2

FMID	Service	Description	Type
CAX1G00	S014735	ACF00MLS+280 S0D3 ABEND AFTER S013143 WITH MLS ACTIVE	** PRP **
	S015033	EXTENDED PASSWORD HISTORY CHECKS SOME PASSWORDS TWICE	PTF
	S015537	SAFDQSRT LINKSTACK OVERRUN	PTF
	S015560	SOC4 AT SAFRT001+1950 OR +1978 AFTER S014108	** PRP **
The CA RS 2012 service count for this FMID is 4			

Service	Details																		
SO14735	SO14735 M.C.S. ENTRIES = ++PTF (SO14735) ACF00MLS+280 SOD3 ABEND AFTER SO13143 WITH MLS ACTIVE PROBLEM DESCRIPTION: After installation of PTF SO13143 an abend SOD3 may occur in module ACF00MLS+280 when a PTKTDATA SSKEY record is deleted. The problem is limited to sites that run with MLS active. SYMPTOMS: SVC Dump and message: CCSR010E ACF9C000 SOD3 at xxxxxxxx LMOD ACF9C000 CSECT ACF00MLS +000280 jjjjjj N/A ssssss IMPACT: ACF2 administration may be hampered CIRCUMVENTION: Specify the NOCKDS option on the DELETE subcommand when deleting a PTKTDATA record that does not have ENCRYPT set PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10464 Copyright (C) 2020 CA. All rights reserved. R00812-ACF160-SP1 DESC (ACF00MLS+280 SOD3 ABEND AFTER SO13143 WITH MLS ACTIVE). ++VER (Z038) FMID (CAX1G00) PRE (R084877 R084952 R089501 R091169 R092884 R095218 R095905 R096914 R098208 S003900 S006214 S006579 S008589 S011443 S013143 S014614) SUP (AR92884 AS13143 EC87799 R091270 S000214 S003867 S007950 ST00214 ST03867 ST07950 ST14735 TR91270) ++HOLD (SO14735) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20317) 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>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 2. Execute console command 'F ACF2,NEWMOD (ACF00SVA) '	CA-ACF2-MVS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Enable new code	USERS	All users	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Enable new code																		
USERS	All users																		
AFFECTED																			
KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

CA ACF2 16.0
CA RS 2012 - PTF SO14735 Details

Service	Details
	3. Execute console command 'F ACF2,NEWMOD(SAFOEDRV) ' 4. Execute console command 'F ACF2,NEWMOD(ACF9C000) ' 5. Execute console command 'F ACF2,NEWMOD(ACF99SVC) ' . .

Service	Details		
SO15033	SO15033 M.C.S. ENTRIES = ++PTF (SO15033) EXTENDED PASSWORD HISTORY CHECKS SOME PASSWORDS TWICE PROBLEM DESCRIPTION: PASSWORD change processing incurs a substantial CPU burden for sites that have AES256 encrypted passwords in their Extended Password History (i.e. in the PASSWORD profile record). The Extended Password History processing has a flaw that drives up to 3 unneeded AES256 password checks against passwords in the Extended Password History. This fix removes those additional checks in order to reduce the amount of AES256 processing being done when a PASSWORD is changed. SYMPTOMS: High CPU utilization in server address spaces that require PASSWORD changes (i.e. user signon to MULTSESS). IMPACT: Increased CPU utilization for a PASSWORD change CIRCUMVENTION: Consider going back to DES or AES1 password encryption PRODUCT(S) AFFECTED: CA-ACF2-MVS Related Problem: ACF2MS 10478 Copyright (C) 2020 CA. All rights reserved. R00823-ACF160-SP1 DESC (EXTENDED PASSWORD HISTORY CHECKS SOME PASSWORDS TWICE). ++VER (Z038) FMID (CAX1G00) PRE (R084877 R097779 S001559) SUP (IC87799 R093303 R095642 ST15033 TR93303 TR95642) ++HOLD (SO15033) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20311) COMMENT (<table border="1"> <tr> <td>CA-ACF2-MVS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate change without IPL USERS All Extended Password History users 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		

CA ACF2 16.0
CA RS 2012 - PTF SO15033 Details

6

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

Service	Details																		
SO15537	SO15537 M.C.S. ENTRIES = ++PTF (SO15537) SAFDQSRT LINKSTACK OVERRUN PROBLEM DESCRIPTION: ACF79UID called 31bit safdqsrt sort routine. Large numbers of UID strings were causing S0E0 abend due to link stack overflow. Updated to use 64bit sort SAFF64QS. SYMPMTOMS: S0E0 abend in ACF79UID. SYMPTOMS: IMPACT: Breaks ACF2 ACCESS functionality until update is applied on very large UID databases. CIRCUMVENTION: Dissable ACF2 ACCESS functionality if database is increaded to size causing S0E0 abends on previous version code. Re-enable after ACF79UID update is applied. PRODUCTS AFFECTED: ACF2 -> access functionality PRODUCT(S) AFFECTED: CA-ACF2-MVS Version 16.0 Related Problem: ACF2MS 10484 Copyright (C) 2020 CA. All rights reserved. R00836-ACF160-SP1 DESC(SAFDQSRT LINKSTACK OVERRUN). ++VER (Z038) FMID (CAX1G00) PRE (R095218) SUP (ST15537) ++HOLD (SO15537) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20329) 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. F 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	
CA-ACF2-MVS	Version 16.0																		
SEQUENCE	After Apply																		
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ACCESS	z/OS Operator console																		
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Service	Details																		
SO15560	SO15560 M.C.S. ENTRIES = ++PTF (SO15560) SOC4 AT SAFRT001+1950 OR +1978 AFTER SO14108 PROBLEM DESCRIPTION: PTF SO14108 introduced a potential OC4 abend at SAFRT001+1978 while parsing the X500NAME parameter of RACROUTE VERIFY CREATE calls. The OC4 exposure is also present in the following versions of SAFRT001: SO14722 (at offset +1978) SO14802 (at offset +1950) SYMPTOMS: An abend SOC4 may occur in module SAFRT001+1950/+1978 on A RACROUTE VERIFY CREATE call. The abend occurs when the RACROUTE caller's PSW key is not able to reference the address passed in the x500NAME field of the RACROUTE VERIFY parameter list because that storage is in a different key. IMPACT: RACROUTE VERIFY CREATE calls abend. The impact will depend on how the RACROUTE caller handles the failure. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA-ACF2-MVS Related Problem: ACF2MS 10489 Copyright (C) 2020 CA. All rights reserved. R00838-ACF160-SP1 DESC (SOC4 AT SAFRT001+1950 OR +1978 AFTER SO14108) . ++VER (Z038) FMID (CAX1G00) PRE (R095218 SO14108 SO14802) SUP (AS14108 BS14108 R089117 SO14722 ST14722 ST15560 TR89117) ++HOLD (SO15560) SYSTEM FMID(CAX1G00) REASON (DYNACT) DATE (20317) 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>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	Enable new code	USERS	All users	AFFECTED		KNOWLEDGE	Operator commands	REQUIRED		ACCESS	z/OS Operator console	REQUIRED	
CA-ACF2-MVS	Version 16.0																		
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KNOWLEDGE	Operator commands																		
REQUIRED																			
ACCESS	z/OS Operator console																		
REQUIRED																			

CA ACF2 16.0
CA RS 2012 - PTF SO15560 Details

Service	Details	
	1. LLA Refresh	
	2. Execute console command 'F ACF2,NEWMOD(SAFRT001) '	
	).	
MCS	SO14735	STARTS ON PAGE 0002
MCS	SO15033	STARTS ON PAGE 0003
MCS	SO15537	STARTS ON PAGE 0004
MCS	SO15560	STARTS ON PAGE 0006

CA ACF2 16.0
CA RS 2012 Product/Component Listing

10

Product Family	Product	Release
Security	CA-ACF2-MVS	16.00.00
The CA RS 2012 Product/Component Count for this release is 1		

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2012	S015560	CAX1G00
	S015537	CAX1G00
	S015033	CAX1G00
	S014735	CAX1G00
CAR2011	S014992	CAX1G00
	S014952	CAX1G00
	S014852	CAX1G00
	S014802	CAX1G00
	S014762	CAX1G00
	S014714	CAX1G03
	S014547	CAX1G00
	S014258	CAX1G00
CAR2010	S014783	CAX1G00
	S014722	CAX1G00
	S014614	CAX1G00
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
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

CA ACF2 16.0
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	R088971	CAX1G00
	R088719	CAX1G00
	R088654	CAX1G00
	R088324	CAX1G00
	R088106	CAX1G00
	R087944	CAX1G00
	R087169	CAX1G04
	R086948	CAX1G00
	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