

Top Secret Security for z/OS 16.0
CA RS 2205 Service List

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Service	Description	Type
LU05240	TSSSIM RUNS SUCCESSFULLY WHEN TSS9405E MESSAGE IS ISSUED	PTF
LU05282	UPDATES TO HANDLING MULTIPLE IBM MFA OUT-OF-BAND FACTORS	PTF
LU05293	ACID WITH PROTECTED ATTRIBUTE GETS SUSPENDED	PTF
LU05375	Z/OSMF CONFIGURATION SAMPLE JCL MEMBERS IN ERROR	PTF
LU05406	ABEND SOC4 IN IBM MFA AZF#IN01 DURING AZFTOTP1 ENROLLMENT	PTF
The CA RS 2205 service count for this release is 5		

Top Secret Security for z/OS
CA RS 2205 Service List for CAKOG00

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FMID	Service	Description	Type
CAKOG00	LU05240	TSSSIM RUNS SUCCESSFULLY WHEN TSS9405E MESSAGE IS ISSUED	PTF
	LU05282	UPDATES TO HANDLING MULTIPLE IBM MFA OUT-OF-BAND FACTORS	PTF
	LU05293	ACID WITH PROTECTED ATTRIBUTE GETS SUSPENDED	PTF
	LU05375	Z/OSMF CONFIGURATION SAMPLE JCL MEMBERS IN ERROR	PTF
	LU05406	ABEND SOC4 IN IBM MFA AZF#IN01 DURING AZFTOTP1 ENROLLMENT	PTF
The CA RS 2205 service count for this FMID is 5			

Service	Details
LU05240	LU05240 M.C.S. ENTRIES = ++PTF (LU05240) TSSSIM RUNS SUCCESSFULLY WHEN TSS9405E MESSAGE IS ISSUED PROBLEM DESCRIPTION: When a DB2 WLM stored procedure calls TSSSIM, the simulation runs successfully if the user has authority to CASECAUT resource TSSUTILITY.TSSSIM. However, TSSSIM issues message TSS9405E NO AUTHORITY FOR INTERNAL SECURITY FUNCTION (?), and the user gets a DRC x'1F' violation. This fix eliminates the TSS9405E message and violation error. SYMPTOMS: TSS9405E NO AUTHORITY FOR INTERNAL SECURITY FUNCTION (?) IMPACT: User violation count increases. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 15190 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01274-TSS160 DESC(TSSSIM RUNS SUCCESSFULLY WHEN TSS9405E MESSAGE IS ISSUED). ++VER (Z038) FMID (CAKOG00) PRE (LU00512 LU00747 LU00809 LU00910 LU03416 LU04016 R083104 R084794 R086945 R087918 R089334 R091603 R096857 R097892 R098297 R098395 R099091 R099320 R099484 S000713 S001489 S001509 S001630 S003993 S004391 S005264 S006599 S007485 S007990 S012940 S014392 S014413 S014515 S015439 S015896 S016019 S016290 S016294) SUP (AL00910 AR87918 AR89334 AR90069 AS13895 AS15439 BS15896 LT01634 LT01839 LT02224 LT03421 LT03739 LT04273 LT04734 LT05240 LU01634 LU01839 LU02224 LU03739 LU04734 R087875 R088651 R089203 R089888 R090069 R090317 R091469 R092584 R097567 R099939 S001743 S004540 S007314 S008053 S012436 S013311 S013895 S014000 S015261 S015753 S016134 ST01223 ST01743 ST03679 ST04540 ST07314 ST08053 ST10940 ST12436 ST13017 ST13260 ST13311 ST13712 ST13796 ST13804 ST13815 ST13895 ST14000 ST15261 ST15753 ST16134 TR86962 TR87875 TR87890 TR87917 TR88651 TR88994 TR89004 TR89180 TR89203 TR89665 TR89888 TR89997 TR90069 TR90317 TR91469 TR92584 TR97567 TR99939) ++HOLD (LU05240) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22094) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply

Service	Details
	<pre> +-----+-----+ PURPOSE Resolve TSSSIM authorization problem +-----+-----+ USERS All AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** Refresh LLA and restart TSS with REINIT.).</pre>

Service	Details
LU05282	M.C.S. ENTRIES = ++PTF (LU05282) UPDATES TO HANDLING MULTIPLE IBM MFA OUT-OF-BAND FACTORS PROBLEM DESCRIPTION: Authentication does not work properly when using multiple IBM MFA Out-of-Band factors. Top Secret requires updates to the R_factor SetUser processing. SYMPTOMS: When combining more than one IBM MFA factor for a user, the IBM MFA factor data becomes corrupted. Example: Adding MFA factor AZFTOTP1 with a second factor such as AZFPTKT1. IMPACT: MFA processing for second factor does not work. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 16275 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01276-TSS160 DESC(UPDATES TO HANDLING MULTIPLE IBM MFA OUT-OF-BAND FACTORS). ++VER (Z038) FMID (CAKOG00) PRE (LU04016 R083104 R084794 R085911 R086945 R088603 R092696 R095818 R096696 R097009 R097371 R098716 R099320 R099645 S000132 S000168 S001069 S001630 S003858 S004066 S005250 S005264 S005586 S006391 S006548 S006599 S007478 S010485 S012161 S015439 S016294) SUP (LT05282 R098389 R098757 S001198 S005414 ST01198 ST05414 TR95923 TR98389 TR98757) ++HOLD (LU05282) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22095) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Updated SAFO6MFA for MFA feature +-----+ USERS All MFA users AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM *

Service	Details
	***** LLA refresh and SAF refresh EX: F TSS,REFRESH(SAFAL)) .

Service	Details
LU05293	LU05293 M.C.S. ENTRIES = ++PTF (LU05293) ACID WITH PROTECTED ATTRIBUTE GETS SUSPENDED PROBLEM DESCRIPTION: An ACID that is assigned the PROTECTED attribute gets suspended if the ACID is being signed on and passes the PTHRESH setting for maximum number of invalid password/passphrase attempts. The PROTECTED attribute is typically used for Started Task ACIDs and is meant to not undergo invalid password threshold checks if the ACID is mistakenly or improperly used for non-Started Task signons. This problem can occur for Multi-User Started Tasks with PROTECTED attribute ACIDs if the Region ACID is used for signon by default. Since there is no password for such an ACID, the PTHRESH count can be exceeded. For example, invalid FTP submitted jobs could cause FTP related Started Task ACIDs to have this problem. SYMPTOMS: The start of a Started Task running with an ACID that has the PROTECTED attribute fails with- IEE296I stcname FAILED BY SECURITY INTERFACE. IMPACT: Important System Started Tasks that have PROTECTED ACIDs may not start. CIRCUMVENTION: Add the NOSUSPEND attribute to affected PROTECTED attribute ACIDs. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 16569 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01277-TSS160 DESC (ACID WITH PROTECTED ATTRIBUTE GETS SUSPENDED) . ++VER (Z038) FMID (CAKOG00) PRE (LU00482 LU00512 LU00747 LU00809 LU00910 LU01345 LU01759 LU01778 LU02880 LU03416 LU04016 R082138 R083104 R084794 R085310 R086552 R086945 R087918 R088415 R088603 R088796 R089334 R091603 R092696 R092771 R092854 R094971 R095026 R095793 R095938 R096696 R097892 R098297 R098395 R098716 R099091 R099167 R099320 R099396 R099484 R099512 R099645 R099747 S000140 S000168 S000713 S000816 S001285 S001489 S001630 S004066 S004444 S004996 S005250 S005264 S005615 S006391 S006599 S006616 S006741 S006832 S006966 S007485 S007990 S008020 S008490 S008923 S010482 S010485 S011904 S012161 S012296 S012318 S014329 S014413 S014515 S014730 S015439 S015896 S016019 S016055 S016290 S016294) SUP (AL00910 AR87918 AR88603 AR89334 AR90069 AR98297 AS00816 AS01489 AS10311 AS13895 AS15439 AS16290 BL00910 BR88603 BR89334 BS15896 CS16294 LT00817 LT00850 LT01407 LT01634 LT01685 LT01686 LT01839 LT02026 LT02097 LT02224 LT02911 LT03155 LT03197 LT03421 LT03739 LT04128 LT04196 LT04273 LT04659 LT04674 LT04734 LT04993 LT05030 LT05240 LT05293 LU00817 LU00850 LU01407 LU01634 LU01685 LU01839 LU02026 LU02097 LU02224 LU02911 LU03197 LU03739 LU04128 LU04659

Service	Details						
	LU04674	LU04734	LU04993	LU05240	R079885	R087875	R088651
	R089203	R089210	R089888	R089889	R090069	R090317	R090784
	R091062	R091469	R092584	R094168	R095692	R096857	R097390
	R097567	R097899	R098361	R098795	R098804	R099939	S000254
	S000262	S000773	S001265	S001509	S001513	S001570	S001689
	S001741	S001743	S001968	S003864	S003993	S004391	S004540
	S004966	S005697	S005801	S005970	S006640	S007052	S007137
	S007314	S007652	S008053	S008399	S008611	S008736	S010311
	S011041	S011140	S011410	S011937	S012436	S012940	S013311
	S013895	S014000	S014392	S015261	S015715	S015753	S016134
	S016319	ST00032	ST00254	ST00262	ST00773	ST00906	ST01142
	ST01223	ST01265	ST01273	ST01316	ST01354	ST01365	ST01371
	ST01375	ST01509	ST01513	ST01570	ST01689	ST01741	ST01743
	ST01791	ST01968	ST03657	ST03679	ST03828	ST03830	ST03864
	ST03993	ST04391	ST04540	ST04670	ST04965	ST04966	ST05226
	ST05697	ST05801	ST05970	ST06429	ST06640	ST07052	ST07137
	ST07314	ST07408	ST07562	ST07568	ST07628	ST07652	ST07836
	ST08053	ST08390	ST08399	ST08611	ST08736	ST09156	ST09486
	ST09487	ST10311	ST10940	ST11041	ST11140	ST11378	ST11410
	ST11633	ST11937	ST11950	ST12436	ST12838	ST12905	ST12940
	ST13017	ST13260	ST13311	ST13712	ST13796	ST13804	ST13815
	ST13895	ST14000	ST14362	ST14392	ST15093	ST15261	ST15715
	ST15753	ST16134	ST16319	TR79885	TR86962	TR87875	TR87890
	TR87917	TR88651	TR88994	TR89004	TR89180	TR89203	TR89210
	TR89665	TR89691	TR89888	TR89889	TR89997	TR90069	TR90317
	TR90753	TR90784	TR91062	TR91469	TR92584	TR94168	TR95112
	TR95423	TR95692	TR96051	TR96202	TR96281	TR96855	TR96857
	TR97369	TR97390	TR97567	TR97899	TR98062	TR98361	TR98715
	TR98772	TR98795	TR98804	TR99939	TR99976)		
	++HOLD (LU05293) SYSTEM FMID(CAKOG00)						
	REASON (DYNACT) DATE (22110)						
	COMMENT (						
	+-----+-----+						
	Top Secret for z/OS						

Service	Details
LU05375	LU05375 M.C.S. ENTRIES = ++PTF (LU05375) Z/OSMF CONFIGURATION SAMPLE JCL MEMBERS IN ERROR PROBLEM DESCRIPTION: z/OSMF configuration sample JCL members contain several command sequence errors that prevent the jobs executing successfully. The errors exist in members TSSSEC and TSCFZSEC. SYMPTOMS: The following commands in member TSSSEC fail when the job is submitted: TSS ADD(IZUSVR) GROUP(CFZUSRGP) line 473 TSS0346E PROFILE/GROUP NOT FOUND TSS ADD(IZUSVR) GROUP(IZUSECGP) line 100 TSS0346E PROFILE/GROUP NOT FOUND IMPACT: zOSMF configuration does not complete successfully. CIRCUMVENTION: Make the following changes manually: In member TSSSEC: - Delete line 100 TSS ADD(IZUSVR) GROUP(IZUSECGP) - After lines 211 to 214 TSS CRE(IZUSECGP) NAME('z/OS Security Admin Group') - TYPE(GROUP) - DEPT(<owningacid>) TSS ADD(IZUSECGP) GID(?) Insert the following line: TSS ADD(IZUSVR) GROUP(IZUSECGP) - Delete lines 472 and 473 /* Connect the started task USERID to the CIM USER group TSS ADD(IZUSVR) GROUP(CFZUSRGP) In member TSCFZSEC: - After lines 140 to 142 TSS CRE(CFZUSRGP) NAME('CFZ USER GROUP') TYPE(GROUP) - DEPT(<owningacid>) TSS ADD(CFZUSRGP) GID(?) Insert the following two lines: /* Connect the started task USERID to the CIM USER group TSS ADD(IZUSVR) GROUP(CFZUSRGP) PRODUCT(S) AFFECTED: Top Secret for z/OS Related Problem: TSSMVS 16701 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01281-TSS160 DESC(Z/OSMF CONFIGURATION SAMPLE JCL MEMBERS IN ERROR). ++VER (Z038) FMID (CAKOG00) PRE (LU04016 S003835 S008601 S009829) SUP (LT05375) ++HOLD (LU05375) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22095) COMMENT (

Version 16.0

Service	Details
	<pre> +-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Make SAMPJCL changes +-----+ USERS All implementing ZOSMF for CA Top Secret AFFECTED +-----+ KNOWLEDGE SMP/E REQUIRED +-----+ ACCESS SMP/E REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Pull updated SAMPJ members TSSSEC and TSCFZSEC from CAKOJCL0).</pre>

Service	Details		
LU05406	LU05406 M.C.S. ENTRIES = ++PTF (LU05406) ABEND SOC4 IN IBM MFA AZF#IN01 DURING AZFTOTP1 ENROLLMENT PROBLEM DESCRIPTION: An Abend SOC4 in IBM MFA AZF#IN01 occurs during AZFTOTP1 enrollment. A RACROUTE extract of multiple MFA Factors resulted in missing 2-byte TAG attribute field. This caused the extracted data to be in the wrong format and lead to the SOC4 abend. SYMPTOMS: An Abend SOC4 in IBM MFA AZF#IN01 during AZFTOTP1 enrollment. IMPACT: AZFTOTP1 enrollment process fails to complete. CIRCUMVENTION: Retry the AZFTOTP1 enrollment. PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 16718 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01282-TSS160 DESC (ABEND SOC4 IN IBM MFA AZF#IN01 DURING AZFTOTP1 ENROLLMENT). ++VER (Z038) FMID (CAKOG00) PRE (LU00482 LU00835 LU01778 LU04016 R084794 R087883 R092696 R092771 R096977 R096998 R097892 R098716 R098925 S000816 S001069 S001285 S001630 S007542 S011889 S015905 S016294) SUP (LT02184 LT05406 R095857 R097317 R097746 R098458 TR95857 TR97150 TR97317 TR97746 TR98458) ++HOLD (LU05406) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (22102) COMMENT (<table border="1"> <tr> <td>Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Prevent SOC4 during IBM MFA AZFTOTP1 enrollment process. USERS IBM MFA Out-of-Band users. AFFECTED KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration ACCESS 1. Console authority REQUIRED 2. TSS administrative authority ***** * STEPS TO PERFORM * ***** LLA refresh and REINIT Top Secret).	Top Secret for z/OS	Version 16.0
Top Secret for z/OS	Version 16.0		

Service	Details		
	MCS	LU05240	STARTS ON PAGE 0002
	MCS	LU05282	STARTS ON PAGE 0004
	MCS	LU05293	STARTS ON PAGE 0005
	MCS	LU05375	STARTS ON PAGE 0009
	MCS	LU05406	STARTS ON PAGE 0011

Top Secret Security for z/OS 16.0
CA RS 2205 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2205 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2205	LU05406	CAKOG00
	LU05375	CAKOG00
	LU05293	CAKOG00
	LU05282	CAKOG00
	LU05240	CAKOG00
CAR2204	LU05191	CAKOG00
	LU05104	CAKOG00
	LU04993	CAKOG00
	LU04976	CAKOG00
	LU04926	CAKOG00
	LU04895	CAKOG00
	LU04878	CAKOG00
	LU04852	CAKOG00
	LU04784	CAKOG00
	LU04674	CAKOG00
	LU04810	CAKOG00
	LU04761	CAKOG00
CAR2203	LU04734	CAKOG00
	LU04659	CAKOG00
	LU04602	CAKOG00
	LU04560	CAKOG00
	LU04559	CAKOG00
	LU04271	CAKOG00
	LU04128	CAKOG00
	LU03467	CAKOG00
	LU04265	CAKOG00
	LU04152	CAKOG00
CAR2202	LU03830	CAKOG00
	LU03728	CAKOG00
	LU04019	CAKOG03
	LU04018	CAKOG02
CAR2201	LU04017	CAKOG01
	LU04016	CAKOG00
	LU03739	CAKOG00
	LU03598	CAKOG00
	LU03527	CAKOG00
	LU03459	CAKOG00
	LU03444	CAKOG00
	LU03416	CAKOG00
CAR2112	LU03329	CAKOG00
	LU03205	CAKOG00
	LU03197	CAKOG00
	LU03081	CAKOG00
	LU03029	CAKOG00
	LU02911	CAKOG00
	LU02905	CAKOG00
	LU02905	CAKOG00
	LU02905	CAKOG00
CAR2111	R085631	CAKOG00

CA RS Level	Service	FMID
	LU03127	CAKOG00
	LU02918	CAKOG00
	LU02892	CAKOG00
	LU02881	CAKOG01
	LU02880	CAKOG00
	LU02803	CAKOG00
CAR2110	LU02848	CAKOG00
	LU02668	CAKOG00
	LU02579	CAKOG00
	LU02523	CAKOG00
	LU02448	CAKOG00
	LU02403	CAKOG00
	LU02224	CAKOG00
	LU02070	CAKOG00
	LU02069	CAKOG00
CAR2109	LU02373	CAKOG00
	LU02336	CAKOG00
	LU02328	CAKOG01
	LU02263	CAKOG00
	LU02097	CAKOG00
	LU02026	CAKOG00
	LU02018	CAKOG01
	LU01778	CAKOG00
CAR2108	LU01954	CAKOG00
	LU01839	CAKOG00
	LU01701	CAKOG00
	LU01658	CAKOG01
	LU01657	CAKOG00
	LU00525	CAKOG00
	LU00423	CAKOG00
CAR2107	LU01796	CAKOG00
	LU01795	CAKOG00
	LU01759	CAKOG00
	LU01711	CAKOG00
	LU01685	CAKOG00
	LU01634	CAKOG00
	LU01608	CAKOG00
	LU01558	CAKOG00
	LU01395	CAKOG00
	LU01372	CAKOG00
	LU01356	CAKOG00
	LU01345	CAKOG00
	LU01328	CAKOG00
	LU01183	CAKOG01
	LU00987	CAKOG00
CAR2106	S016092	CAKOG00
	R079894	CAKOG00

CA RS Level	Service	FMID
	LU01475	CAKOG00
	LU01407	CAKOG00
	LU01344	CAKOG00
	LU01343	CAKOG00
	LU01329	CAKOG00
	LU01159	CAKOG00
	LU01132	CAKOG00
	LU01024	CAKOG00
	LU01023	CAKOG00
	LU00910	CAKOG00
	LU00832	CAKOG00
	LU00788	CAKOG00
CAR2105	LU00892	CAKOG00
	LU00851	CAKOG00
	LU00850	CAKOG00
	LU00835	CAKOG00
	LU00817	CAKOG00
	LU00809	CAKOG00
	LU00746	CAKOG01
	LU00745	CAKOG00
	LU00567	CAKOG00
	LU00482	CAKOG00
	LU00418	CAKOG00
	LU00360	CAKOG00
CAR2104	S016204	CAKOG00
	S016135	CAKOG00
	LU00747	CAKOG00
	LU00526	CAKOG00
	LU00512	CAKOG00
	LU00372	CAKOG00
	LU00358	CAKOG00
	LU00345	CAKOG00
CAR2103	S016321	CAKOG00
	S016319	CAKOG00
	S016316	CAKOG00
	S016312	CAKOG00
	S016294	CAKOG00
	S016110	CAKOG00
	S016021	CAKOG00
CAR2102	S016290	CAKOG00
	S016134	CAKOG00
	S015905	CAKOG00
	S015869	CAKOG00
CAR2101	S016055	CAKOG00
	S016048	CAKOG00
	S016019	CAKOG00
	S015896	CAKOG00

CA RS Level	Service	FMID
	S015764	CAKOG00
	S015753	CAKOG00
	S015715	CAKOG00
	S015659	CAKOG00
	S015653	CAKOG00
	S015648	CAKOG00
CAR2012	S015625	CAKOG00
	S015538	CAKOG00
	S015439	CAKOG00
	S015401	CAKOG00
	S015329	CAKOG00
	S015261	CAKOG00
	S015188	CAKOG00
	S014538	CAKOG00
	S013801	CAKOG00
CAR2011	S015135	CAKOG01
CAR2010	S014947	CAKOG00
	S014769	CAKOG00
	S014730	CAKOG00
	S014521	CAKOG00
	S014515	CAKOG00
	S014444	CAKOG00
	S014341	CAKOG02
	S014340	CAKOG00
	S013550	CAKOG00
	S013289	CAKOG00
CAR2009	S014413	CAKOG00
	S014396	CAKOG01
	S014392	CAKOG00
	S014329	CAKOG00
	S014291	CAKOG00
	S013963	CAKOG00
	S013922	CAKOG00
	S013595	CAKOG00
	S013542	CAKOG00
	S013469	CAKOG00
CAR2008	S014005	CAKOG00
	S014000	CAKOG00
	S013895	CAKOG00
	S013890	CAKOG00
	S013700	CAKOG00
	S013405	CAKOG00
CAR2007	S013600	CAKOG01
	S013533	CAKOG00
	S013510	CAKOG00
	S013389	CAKOG00
	S013382	CAKOG00

CA RS Level	Service	FMID
	S013311	CAKOG00
	S013060	CAKOG00
	S012830	CAKOG01
	S012413	CAKOG00
	S012332	CAKOG00
	S010618	CAKOG00
	S009836	CAKOG01
	R085669	CAKOG01
CAR2006	S013290	CAKOG00
	S013110	CAKOG00
	S013099	CAKOG00
	S013014	CAKOG00
	S012989	CAKOG00
	S012965	CAKOG00
	S012947	CAKOG00
	S012940	CAKOG00
	S012931	CAKOG00
	S012162	CAKOG00
CAR2005	S012923	CAKOG00
	S012760	CAKOG00
	S012752	CAKOG00
	S012533	CAKOG00
	S012531	CAKOG00
	S012436	CAKOG00
	S012319	CAKOG00
	S012318	CAKOG00
	S012038	CAKOG00
	S008772	CAKOG01
CAR2004	S012408	CAKOG00
	S012296	CAKOG00
	S012161	CAKOG00
	S012129	CAKOG00
	S012118	CAKOG00
	S012039	CAKOG00
	S011952	CAKOG02
CAR2003	S011984	CAKOG00
	S011958	CAKOG00
	S011941	CAKOG00
	S011937	CAKOG00
	S011907	CAKOG00
	S011904	CAKOG00
	S011889	CAKOG00
	S011310	CAKOG00
	S010757	CAKOG00
CAR2002	S011656	CAKOG00
	S011504	CAKOG00
	S011478	CAKOG00

CA RS Level	Service	FMID
	S011429	CAKOG00
	S011410	CAKOG00
	S011357	CAKOG00
	S011115	CAKOG01
	S010700	CAKOG01
CAR2001	S011311	CAKOG00
	S011307	CAKOG00
	S011233	CAKOG00
	S011151	CAKOG00
	S011146	CAKOG00
	S011140	CAKOG00
	S011041	CAKOG00
	S011001	CAKOG00
	S010778	CAKOG00
	S010486	CAKOG01
	S010485	CAKOG00
CAR1912	S010968	CAKOG00
	S010967	CAKOG00
	S010890	CAKOG00
	S010845	CAKOG00
	S010823	CAKOG00
	S010745	CAKOG00
	S010685	CAKOG00
	S010635	CAKOG00
	S010483	CAKOG01
	S010482	CAKOG00
	S006017	CAKOG01
CAR1911	S010461	CAKOG00
	S010383	CAKOG00
	S010311	CAKOG00
	S009909	CAKOG01
	S009529	CAKOG00
	S008881	CAKOG00
	S008053	CAKOG00
CAR1910	S009774	CAKOG00
	S009286	CAKOG00
CAR1909	S009829	CAKOG00
	S009635	CAKOG00
	S009634	CAKOG00
	S008125	CAKOG00
	S006782	CAKOG00
CAR1908	S009073	CAKOG00
	S008996	CAKOG01
	S008736	CAKOG00
	S008650	CAKOG00
	S008611	CAKOG00
	S008343	CAKOG00

CA RS Level	Service	FMID
CAR1907	S008923	CAKOG00
	S008909	CAKOG00
	S008791	CAKOG00
	S008601	CAKOG00
	S008490	CAKOG00
	S008205	CAKOG00
CAR1906	S008399	CAKOG00
	S008306	CAKOG00
	S008271	CAKOG00
	S008245	CAKOG00
	S008200	CAKOG00
	S008188	CAKOG00
	S008182	CAKOG00
	S008164	CAKOG01
	S008054	CAKOG00
CAR1905	S008150	CAKOG01
	S008092	CAKOG00
	S008024	CAKOG00
	S008020	CAKOG00
	S007990	CAKOG00
	S007966	CAKOG00
	S007938	CAKOG00
	S007931	CAKOG00
	S007913	CAKOG00
	S007855	CAKOG00
	S007479	CAKOG01
	S007478	CAKOG00
	S007360	CAKOG00
CAR1904	S007748	CAKOG00
	S007738	CAKOG00
	S007652	CAKOG00
	S007587	CAKOG00
	S007582	CAKOG00
	S007581	CAKOG00
	S007547	CAKOG00
	S007542	CAKOG00
	S007497	CAKOG00
	S007485	CAKOG00
	S007199	CAKOG00
	S007161	CAKOG00
	S007159	CAKOG01
	S007137	CAKOG00
	S006964	CAKOG00
	S006888	CAKOG00
CAR1903	S007314	CAKOG00
	S007261	CAKOG00
	S007052	CAKOG00

CA RS Level	Service	FMID
	S006816	CAKOG00
	S006813	CAKOG00
CAR1902	S007044	CAKOG00
	S006966	CAKOG00
	S006929	CAKOG00
	S006885	CAKOG01
	S006832	CAKOG00
	S006830	CAKOG00
	S006775	CAKOG00
	S006741	CAKOG00
	S006640	CAKOG00
	S006140	CAKOG00
	S005824	CAKOG00
	S005769	CAKOG00
	S005224	CAKOG00
	S000395	CAKOG00
	S000226	CAKOG00
CAR1901	S006621	CAKOG00
	S006616	CAKOG00
	S006599	CAKOG00
	S006548	CAKOG00
	S006175	CAKOG00
	S005546	CAKOG01
	S005545	CAKOG00
	R085987	CAKOG00
	R083213	CAKOG00
	R082305	CAKOG00
	R081855	CAKOG00
	R081160	CAKOG00
	R079885	CAKOG00
CAR1812	S006391	CAKOG00
	S006348	CAKOG00
	S005970	CAKOG00
	S005587	CAKOG01
	S005586	CAKOG00
CAR1811	S005859	CAKOG00
	S005801	CAKOG00
	S005724	CAKOG00
	S005697	CAKOG00
	S005615	CAKOG00
	S005608	CAKOG00
	S005421	CAKOG00
	S005414	CAKOG00
	S005401	CAKOG00
	S005128	CAKOG01
	S003835	CAKOG00
	R098948	CAKOG00

CA RS Level	Service	FMID
	R085956	CAKOG00
	R085935	CAKOG00
	R082900	CAKOG00
	R079659	CAKOG00
CAR1810	S005559	CAKOG00
	S005489	CAKOG00
	S005395	CAKOG02
	S005394	CAKOG00
	S005264	CAKOG00
	S005255	CAKOG00
	S005250	CAKOG00
	S005230	CAKOG00
	S005207	CAKOG00
	S004851	CAKOG00
	S004682	CAKOG00
	S000278	CAKOG01
	R098341	CAKOG00
CAR1809	S005160	CAKOG00
	S005062	CAKOG00
	S005028	CAKOG00
	S004996	CAKOG00
	S004966	CAKOG00
	S004964	CAKOG00
	S004936	CAKOG00
	S004881	CAKOG00
	S004576	CAKOG00
	S004240	CAKOG00
	S004144	CAKOG00
CAR1808	S004627	CAKOG00
	S004540	CAKOG00
	S004444	CAKOG00
	S004391	CAKOG00
	S004371	CAKOG00
	S004368	CAKOG00
	S004082	CAKOG00
	S004066	CAKOG00
	S003961	CAKOG00
	S003829	CAKOG00
	S003685	CAKOG00
	S003659	CAKOG00
	S001945	CAKOG00
	S001126	CAKOG00
	S000242	CAKOG00
CAR1807	S004109	CAKOG00
	S004024	CAKOG00
	S003993	CAKOG00
	S003864	CAKOG00

CA RS Level	Service	FMID
	S003858	CAKOG00
	S003596	CAKOG00
	S001788	CAKOG00
	S001743	CAKOG00
	S001525	CAKOG00
CAR1806	S003648	CAKOG00
	S001968	CAKOG00
	S001882	CAKOG00
	S001741	CAKOG00
	S001735	CAKOG00
	S001689	CAKOG00
	S001631	CAKOG00
	S001630	CAKOG00
	S001570	CAKOG00
CAR1805	S001513	CAKOG00
	S001509	CAKOG00
	S001489	CAKOG00
	S001355	CAKOG00
	S001285	CAKOG00
	S001267	CAKOG00
	S001265	CAKOG00
	S001198	CAKOG00
	S001008	CAKOG00
	S000861	CAKOG00
	S000468	CAKOG00
	S000279	CAKOG00
	R099747	CAKOG00
	R098984	CAKOG00
CAR1804	S001123	CAKOG00
	S001085	CAKOG00
	S001069	CAKOG00
	S000973	CAKOG01
	S000934	CAKOG00
	S000816	CAKOG00
	S000773	CAKOG00
	S000713	CAKOG00
	S000316	CAKOG00
CAR1803	S000387	CAKOG00
	S000365	CAKOG00
	S000262	CAKOG00
	S000254	CAKOG00
	S000250	CAKOG00
	S000249	CAKOG00
	S000170	CAKOG00
	S000140	CAKOG00
	S000139	CAKOG00
	S000092	CAKOG00

CA RS Level	Service	FMID
	S000039	CAKOG01
	R099952	CAKOG00
	R099844	CAKOG00
	R099694	CAKOG00
	R099650	CAKOG00
	R098925	CAKOG00
	R098826	CAKOG00
CAR1802	S000169	CAKOG01
	S000168	CAKOG00
	S000132	CAKOG00
	S000082	CAKOG00
	S000049	CAKOG00
	R099939	CAKOG00
	R099736	CAKOG01
	R099645	CAKOG00
	R099610	CAKOG00
	R099576	CAKOG00
	R099396	CAKOG00
	R098940	CAKOG00
	R098773	CAKOG00
	R098733	CAKOG00
	R098492	CAKOG01
	R097905	CAKOG00
CAR1801	R099690	CAKOG00
	R099512	CAKOG00
	R099484	CAKOG00
	R099394	CAKOG00
	R099320	CAKOG00
	R099095	CAKOG00
	R099091	CAKOG00
	R099005	CAKOG00
	R098361	CAKOG00
	R097776	CAKOG00
CAR1712	R099287	CAKOG00
	R099167	CAKOG00
	R098943	CAKOG00
	R098852	CAKOG00
	R098804	CAKOG00
	R098757	CAKOG00
	R098395	CAKOG00
	R098011	CAKOG00
	R094537	CAKOG00
CAR1711	R098795	CAKOG00
	R098734	CAKOG03
	R098716	CAKOG00
	R098634	CAKOG03
	R098458	CAKOG00

CA RS Level	Service	FMID
	R098455	CAKOG00
	R098437	CAKOG02
	R098394	CAKOG00
	R098390	CAKOG00
	R098389	CAKOG00
	R098365	CAKOG00
	R098358	CAKOG00
	R098297	CAKOG00
	R097411	CAKOG00
	R094019	CAKOG02
	R094018	CAKOG00
CAR1710	R098232	CAKOG00
	R098051	CAKOG00
	R097899	CAKOG00
	R097892	CAKOG00
	R097832	CAKOG00
	R097814	CAKOG00
	R097809	CAKOG00
	R097746	CAKOG00
	R097567	CAKOG00
	R097504	CAKOG02
	R097390	CAKOG00
	R097372	CAKOG01
	R097371	CAKOG00
	R091062	CAKOG00
CAR1709	R097317	CAKOG00
	R097257	CAKOG00
	R097114	CAKOG00
	R097009	CAKOG00
CAR1708	R097041	CAKOG00
	R096998	CAKOG00
	R096977	CAKOG00
	R096857	CAKOG00
	R096670	CAKOG00
	R096542	CAKOG00
	R096225	CAKOG00
	R096135	CAKOG01
	R095752	CAKOG00
	R094449	CAKOG00
	R094015	CAKOG00
	R091735	CAKOG00
	R091733	CAKOG01
CAR1707	R096696	CAKOG00
	R096321	CAKOG00
	R096125	CAKOG00
	R096103	CAKOG00
	R096081	CAKOG00

CA RS Level	Service	FMID
CAR1706	R096001	CAKOG00
	R095981	CAKOG00
	R095938	CAKOG00
	R095857	CAKOG00
	R095818	CAKOG00
	R095793	CAKOG00
	R095454	CAKOG00
	R095428	CAKOG00
	R095424	CAKOG00
	R092920	CAKOG00
CAR1705	R095692	CAKOG00
	R095291	CAKOG00
	R095244	CAKOG00
	R095201	CAKOG00
	R095061	CAKOG00
	R088301	CAKOG00
CAR1704	R095026	CAKOG00
	R094971	CAKOG00
	R094913	CAKOG00
	R094909	CAKOG00
	R094718	CAKOG00
	R094686	CAKOG00
	R094168	CAKOG00
	R093932	CAKOG00
CAR1703	R094517	CAKOG00
	R094383	CAKOG00
	R094298	CAKOG00
	R094101	CAKOG00
	R093840	CAKOG00
CAR1702	R093979	CAKOG00
	R093757	CAKOG00
	R093744	CAKOG00
	R093398	CAKOG00
CAR1701	R093171	CAKOG00
	R092888	CAKOG00
	R092584	CAKOG00
CAR1612	R093298	CAKOG00
	R093059	CAKOG00
	R092967	CAKOG00
	R092772	CAKOG01
	R092771	CAKOG00
	R092742	CAKOG00
	R092581	CAKOG00
	R092412	CAKOG00
	R092198	CAKOG01
	R092092	CAKOG00
	R092039	CAKOG00

CA RS Level	Service	FMID
CAR1611	R092854	CAKOG00
	R092811	CAKOG00
	R092809	CAKOG00
	R092808	CAKOG00
	R092696	CAKOG00
	R092675	CAKOG00
	R092619	CAKOG00
	R092560	CAKOG00
	R092502	CAKOG00
	R091873	CAKOG00
	R091186	CAKOG00
	R088880	CAKOG00
CAR1610	R091454	CAKOG00
	R091447	CAKOG00
CAR1609	R091707	CAKOG00
	R091702	CAKOG00
	R091603	CAKOG00
	R091469	CAKOG00
	R091248	CAKOG00
	R091172	CAKOG00
	R090979	CAKOG01
	R090633	CAKOG00
CAR1608	R091002	CAKOG00
	R090784	CAKOG00
	R090627	CAKOG00
	R090626	CAKOG00
	R090186	CAKOG00
	R089750	CAKOG00
	R088433	CAKOG01
	R086556	CAKOG00
CAR1607	R090358	CAKOG00
	R090317	CAKOG00
	R090165	CAKOG00
	R089936	CAKOG00
	R089828	CAKOG00
CAR1606	R090184	CAKOG01
	R090069	CAKOG00
	R089965	CAKOG00
	R089889	CAKOG00
	R089888	CAKOG00
	R089682	CAKOG00
	R089668	CAKOG00
	R089233	CAKOG00
CAR1605	R089361	CAKOG00
	R089334	CAKOG00
	R089210	CAKOG00
	R089203	CAKOG00

CA RS Level	Service	FMID
CAR1604	R088969	CAKOG02
	R088968	CAKOG00
	R088932	CAKOG00
	R088848	CAKOG00
	R088796	CAKOG00
	R088651	CAKOG00
	R088603	CAKOG00
	R088551	CAKOG00
	R088473	CAKOG00
	R088415	CAKOG00
	R087918	CAKOG00
	R087883	CAKOG00
	R087515	CAKOG00
CAR1603	R088130	CAKOG00
	R087961	CAKOG01
	R087881	CAKOG00
	R087875	CAKOG00
	R087826	CAKOG00
CAR1602	R087827	CAKOG00
	R087738	CAKOG00
	R087735	CAKOG00
	R086945	CAKOG00
	R086559	CAKOG00
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00