

Top Secret Security for z/OS 16.0
CA RS 2108 Service List

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Service	Description	Type
LU00423	AUDIT/TRACKING FILE ALLOCATION ALLOWS EAV AND DSNTYPE=LARGE	PTF
LU00525	TSSPNL00 NOT CHECKING RETURN AREA SIZE	PTF
LU01657	TSS0762I DURING A NON TERMINAL SIGNON VIA CTG	** PRP **
LU01658	TSS0762I DURING A NON TERMINAL SIGNON VIA CTG	** PRP **
LU01701	SYSTEM GOES INTO WAIT STATE 08F REASON CODE 001	*HIP/PRP*
LU01839	ABEND SOC4 IN TSSRSVCS+1674 DURING FTP IBM MFA LOGON	PTF
LU01954	RACROUTE AUTH STATUS=ACCESS NOT WORKING WITH IBMFAC RESCLASS	PTF
The CA RS 2108 service count for this release is 7		

Top Secret Security for z/OS
CA RS 2108 Service List for CAKOG00

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FMID	Service	Description	Type
CAKOG00	LU00423	AUDIT/TRACKING FILE ALLOCATION ALLOWS EAV AND DSNTYPE=LARGE	PTF
	LU00525	TSSPNL00 NOT CHECKING RETURN AREA SIZE	PTF
	LU01657	TSS0762I DURING A NON TERMINAL SIGNON VIA CTG	** PRP **
	LU01701	SYSTEM GOES INTO WAIT STATE 08F REASON CODE 001	*HIP/PRP*
	LU01839	ABEND SOC4 IN TSSRSVCS+1674 DURING FTP IBM MFA LOGON	PTF
	LU01954	RACROUTE AUTH STATUS=ACCESS NOT WORKING WITH IBMFAC RESCLASS	PTF
The CA RS 2108 service count for this FMID is 6			

Top Secret Security for z/OS
CA RS 2108 Service List for CAKOG01

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FMID	Service	Description	Type
CAKOG01	LU01658	TSS0762I DURING A NON TERMINAL SIGNON VIA CTG	** PRP **
The CA RS 2108 service count for this FMID is 1			

Service	Details
LU00423	LU00423 M.C.S. ENTRIES = ++PTF (LU00423) AUDIT/TRACKING FILE ALLOCATION ALLOWS EAV AND DSNTYPE=LARGE ENHANCEMENT DESCRIPTION: Expanded the Audit Tracking File (ATF) to increase the area on a volume by using the cylinder-managed space on an extended address volume. Additionally, you can now configure ATF with the optional parameter of LARGE to enable larger allocations. This reduces the need for frequent backups of the ATF when the larger data sets are allocated. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 10438 Copyright (C) 2021 CA. All rights reserved. R01077-TSS160-SP1 DESC(AUDIT/TRACKING FILE ALLOCATION ALLOWS EAV AND DSNTYPE=LARGE). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R084866 R086552 R086945 R098297 R099091 R099320 S004066 S005615 S006616 S007485 S008881 S016294) SUP (AS07485 LT00378 LT00423 R080280 R082900 R087738 R092039 R098943 S005255 S007044 S007581 S008650 S013389 S014521 ST04779 ST04843 ST05255 ST07044 ST07581 ST08650 ST13389 ST14521 TR80280 TR82900 TR87056 TR87738 TR92039 TR92107 TR93899 TR98943) ++HOLD (LU00423) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21187) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Load module into LLA and activate +-----+-----+ USERS All AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and restart CA Top Secret with TSS,,REINIT). </pre>

Service	Details
LU00525	LU00525 M.C.S. ENTRIES = ++PTF (LU00525) TSSPNL00 NOT CHECKING RETURN AREA SIZE PROBLEM DESCRIPTION: Users calling TSSPNL00 pass a return area and the size of the return area. TSSPNL00 is not enforcing the size and overruns the return area causing a storage overlay. SYMPTOMS: SOC4 abend. IMPACT: Application invoking TSSPNL00 gets a SOC4 abend. CIRCUMVENTION: Pass a larger return area. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 13114 Copyright (C) 2021 CA. All rights reserved. R01081-TSS160-SP1 DESC(TSSPNL00 NOT CHECKING RETURN AREA SIZE). ++VER (Z038) FMID (CAKOG00) PRE (SO07542) SUP (LT00525 SO12319 ST12319) ++HOLD (LU00525) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21195) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Correct SOC4 abend TSSPNL00 +-----+ USERS All AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret Administration +-----+ ACCESS 1. Console authority REQUIRED 2. Top Secret Administration +-----+ ***** * STEPS TO PERFORM * ***** 1. Refresh LLA with F LLA,REFRESH 2. Restart CA Top Secret with TSS,,REINIT).</pre>

Service	Details
LU01657	LU01657 M.C.S. ENTRIES = ++PTF (LU01657) TSS0762I DURING A NON TERMINAL SIGNON VIA CTG PROBLEM DESCRIPTION: After LU00745 and LU00746 are applied, non-terminal sign-on coming from CICS Transaction Gateway (CTG) causes a diagnostic dump in TSSKXSAF to be issued. This has also occurred during FORUSER processing. The sign-on continues and the transaction finishes. The number of diagnostic dumps is reduced to two per region. SYMPTOMS: IEA794I SVC DUMP HAS CAPTURED: 137 DUMPID=004 REQUESTED BY JOB (RCICC10D) DUMP TITLE=TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match IMPACT: Up to two diagnostic dumps per region can occur, and the transaction continues to process. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 13953 Copyright (C) 2021 CA. All rights reserved. R01137-TSS160-SP1 DESC(TSS0762I DURING A NON TERMINAL SIGNON VIA CTG). ++VER (Z038) FMID (CAKOG00) PRE (LU00745 S010485 S011357 S012161 S015439) SUP (AL00745 LT00851 LT01657 LU00851 ST11357 ST12058) ++IF FMID(CAKOG01) REQ(LU01658) . ++HOLD (LU01657) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (21194) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ ***** * PUBLICATION * ***** New diagnostic messages have been added. A maximum of two dumps per region could occur. TSS0761I TSSKXSAF - Diagnostic Dump - SRT ACEE Freed Reason: A situation occurred where a CA Top Secret internal control block (SRT) contains a pointer to an ACEE that was already freed Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis Module: TSSKXSAF TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match Reason:

Service	Details
	A situation occurred where a CA Top Secret internal control block (SRT) contains a pointer to an ACEE whose name is inconsistent with the expected name in the Racroute parameters. Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis. Module: TSSKXSAF TSS0763I TSSKXSAF - Diagnostic Dump - Dup ACEE returned to CICS Reason: A situation occurred where a CA Top Secret internal control block (SRT) was created for an ACEE representing a user that is already registered to CICS. Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis. Module: TSSKXSAF). ++HOLD (LU01657) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21194) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Load module into LLA and activate +-----+-----+ USERS USer of CICS TRANSACTION GATAWAY (CTG) and CICS AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and restart CA Top Secret with TSS,,,REINIT and recycle CICS).</pre>

Service	Details
LU01658	LU01658 M.C.S. ENTRIES = ++PTF (LU01658) TSS0762I DURING A NON TERMINAL SIGNON VIA CTG PROBLEM DESCRIPTION: After LU00745 and LU00746 are applied, non-terminal sign-on coming from CICS Transaction Gateway (CTG) causes a diagnostic dump in TSSKXSAF to be issued. This has also occurred during FORUSER processing. The sign-on continues and the transaction finishes. The number of diagnostic dumps is reduced to two per region. SYMPTOMS: IEA794I SVC DUMP HAS CAPTURED: 137 DUMPID=004 REQUESTED BY JOB (RCICC10D) DUMP TITLE=TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match IMPACT: Up to two diagnostic dumps per region can occur, and the transaction continues to process. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 13953 Copyright (C) 2021 CA. All rights reserved. R01137-TSS160-SP1 DESC(TSS0762I DURING A NON TERMINAL SIGNON VIA CTG). ++VER (Z038) FMID (CAKOG01) PRE (LU00746 R085964 R086054 R086143 R087961 R088433 R090979 R091733 S005546 S009836 S010486 S012830) SUP (AL00746 LT01658) ++IF FMID(CAKOG00) REQ(LU01657) . ++HOLD (LU01658) SYSTEM FMID(CAKOG01) REASON (DOC) DATE (21194) COMMENT (+-----+ CA Top Secret for z/OS CICS Component Version 16.0 +-----+ ***** * PUBLICATION * ***** New diagnostic messages have been added. A maximum of two dumps per region could occur. TSS0761I TSSKXSAF - Diagnostic Dump - SRT ACEE Freed Reason: A situation occurred where a CA Top Secret internal control block (SRT) contains a pointer to an ACEE that was already freed Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis Module: TSSKXSAF TSS0762I TSSKXSAF - Diagnostic Dump - ACEE name does not match

Service	Details
	Reason: A situation occurred where a CA Top Secret internal control block (SRT) contains a pointer to an ACEE whose name is inconsistent with the expected name in the Racroute parameters. Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis. Module: TSSKXSAF TSS0763I TSSKXSAF - Diagnostic Dump - Dup ACEE returned to CICS Reason: A situation occurred where a CA Top Secret internal control block (SRT) was created for an ACEE representing a user that is already registered to CICS. Action: No immediate action is required. A copy of the dump produced should be captured and forwarded to Broadcom support for analysis. Module: TSSKXSAF). ++HOLD (LU01658) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (21194) COMMENT (<pre> +-----+ CA Top Secret for z/OS CICS Component Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Load module into LLA and activate +-----+ USERS USer of CICS TRANSACTION GATAWAY (CTG) and CICS AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and restart CA Top Secret with TSS,,,REINIT and recycle CICS).</pre>

Service	Details
LU01701	LU01701 M.C.S. ENTRIES = ++PTF (LU01701) SYSTEM GOES INTO WAIT STATE 08F REASON CODE 001 PROBLEM DESCRIPTION: Shutting down an IMS region can cause MVS to go into system error wait state after fix S014340. SYMPTOMS: The following message displays on the console: IEA460W SYSTEM ERROR: WAIT STATE CODE: 08F REASON CODE: 001 IMPACT: System must be IPLed. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 13988 Copyright (C) 2021 CA. All rights reserved. R01140-TSS160-SP1 DESC(SYSTEM GOES INTO WAIT STATE 08F REASON CODE 001). ++VER (Z038) FMID (CAKOG00) PRE (S012118 S014340) SUP (AS14340 LT01701) ++HOLD (LU01701) SYSTEM FMID(CAKOG00) REASON (IPL) DATE (21209) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate change +-----+-----+ USERS Users of IMS 14 / 15 at RSU1912 level of above AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS Operator console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Apply fix 2. An IPL is required for IMS clients with S012118 and S011952 already and S014340 not applied. Otherwise: - LLA REFRESH - Restart TSS with ,,,REINIT).</pre>

Service	Details
LU01839	M.C.S. ENTRIES = ++PTF (LU01839) ABEND SOC4 IN TSSRSVCS+1674 DURING FTP IBM MFA LOGON PROBLEM DESCRIPTION: Logging onto FTP with IBM MFA Cache Token Credentials (MFA Out-of-Band) fails with ABEND SOC4 in TSSRSVCS+1674 during logging event. The ACEE address was not pointing to a true ACEE block which resulted in SOC4. Event was XMEM RACROUTE Request=extract Type=encrypt. SYMPTOMS: TSS9999E CA-TSS SECURITY SVC ABEND SOC4 IN TSSRSVCS+1674 CCSR010E TSSRSVCS SOC4 at 29CE22EC LMOD TSSMVS2 CSECT TSSRSVCS +001674 IMPACT: FTP MFA logon fails with "Invalid Credentials". CIRCUMVENTION: Re-try FTP logon. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Related Problem: TSSMVS 14067 Copyright (C) 2021 CA. All rights reserved. R01149-TSS160-SP1 DESC(ABEND SOC4 IN TSSRSVCS+1674 DURING FTP IBM MFA LOGON). ++VER (Z038) FMID (CAKOG00) PRE (LU00512 LU00747 LU00809 LU00910 LU01634 R083104 R084794 R086945 R087918 R089203 R089334 R089888 R090317 R091603 R096857 R097892 R098297 R098395 R099091 R099320 R099484 S000713 S001489 S001509 S001630 S003993 S004391 S005264 S006599 S007485 S007990 S012940 S014000 S014392 S014413 S014515 S015439 S015896 S016019 S016134 S016290 S016294) SUP (AR87918 AR89334 AR90069 AS13895 AS15439 LT01839 R087875 R088651 R090069 R091469 R092584 R097567 R099939 S001743 S004540 S007314 S008053 S012436 S013311 S013895 S015261 S015753 ST01223 ST01743 ST03679 ST04540 ST07314 ST08053 ST10940 ST12436 ST13017 ST13260 ST13311 ST13712 ST13796 ST13804 ST13815 ST13895 ST14000 ST15261 ST15753 TR86962 TR87875 TR87890 TR87917 TR88651 TR88994 TR89004 TR89180 TR89203 TR89665 TR89888 TR89997 TR90069 TR90317 TR91469 TR92584 TR97567 TR99939) ++HOLD (LU01839) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21181) COMMENT (-----+ CA Top Secret for z/OS Version 16.0 -----+ SEQUENCE After Apply -----+ PURPOSE Prevent SOC4 during FTP IBM-MFA event -----+ USERS IBM MFA and FTP AFFECTED -----+

Service	Details
	KNOWLEDGE 1. Console commands
	REQUIRED 2. Top Secret administration
	+-----+-----+-----+-----+
	ACCESS 1. Console authority
	REQUIRED 2. TSS administrative authority
	+-----+-----+-----+-----+

	* STEPS TO PERFORM *

	LLA Refresh and TSS REINIT
	) .

Service	Details
LU01954	LU01954 M.C.S. ENTRIES = ++PTF (LU01954) RACROUTE AUTH STATUS=ACCESS NOT WORKING WITH IBMFAC RESCLASS PROBLEM DESCRIPTION: An incorrect merge of ACCESS LEVELS on RACROUTE REQUEST=AUTH with STATUS=ACCESS can occur with TSS control option AUTH(MERGE) set. The last permitted access level is returned instead of the highest access level permitted to the ACID. This problem was reported for the IBMFAC(MVSADMIN.WLM.POLICY) resource check, but could also affect any resource that supports access levels. SYMPTOMS: Users are denied access to the resource due to incorrect access level being returned. IMPACT: Users are denied access to any resource that supports access levels. CIRCUMVENTION: Reorder permissions to have the highest access level be last. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 14100 Copyright (C) 2021 CA. All rights reserved. R01152-TSS160-SP1 DESC(RACROUTE AUTH STATUS=ACCESS NOT WORKING WITH IBMFAC RESCLASS). ++VER (Z038) FMID (CAKOG00) PRE (R087918 R097892 R099320 R099484 S004066 S007542 S008125) SUP (AR99484 ER99320 LT01328 LT01954 LU01328 R096542 R098394 S000861 S005207 S011429 ST00861 ST05207 ST06900 ST11429 TR96542 TR98394) ++HOLD (LU01954) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21200) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Handle general resources for STATUS=ACCESS +-----+ USERS Any RACROUTE STATUS=ACCESS events. IBM WLM for example. 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 TSS REINIT </pre>

Service	Details		
	) .		
MCS	LU00423	STARTS ON PAGE 0002	
MCS	LU00525	STARTS ON PAGE 0003	
MCS	LU01657	STARTS ON PAGE 0004	
MCS	LU01658	STARTS ON PAGE 0006	
MCS	LU01701	STARTS ON PAGE 0009	
MCS	LU01839	STARTS ON PAGE 0010	
MCS	LU01954	STARTS ON PAGE 0012	

Top Secret Security for z/OS 16.0
CA RS 2108 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2108 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	SO16092	CAKOG00
	RO79894	CAKOG00
	LU01475	CAKOG00
	LU01407	CAKOG00
CAR2106	LU01344	CAKOG00
	LU01343	CAKOG00
	LU01329	CAKOG00
	LU01159	CAKOG00
	LU01132	CAKOG00
	LU01024	CAKOG00
	LU01023	CAKOG00
	LU00910	CAKOG00
	LU00832	CAKOG00
	LU00788	CAKOG00
	LU00892	CAKOG00
	LU00851	CAKOG00
	LU00850	CAKOG00
CAR2105	LU00835	CAKOG00
	LU00817	CAKOG00
	LU00809	CAKOG00
	LU00746	CAKOG01
	LU00745	CAKOG00
	LU00567	CAKOG00
	LU00482	CAKOG00
	LU00418	CAKOG00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00