

CA Top Secret Security for z/OS 16.0
CA RS 2102 Service List

1

Service	Description	Type
S015869	INCORRECTLY DETERMINING IF CERTIFICATE WAS SELF SIGNED	PTF
S015905	SUPPORT JES SPOOL ENCRYPTION	PTF
S016134	DUFXTTR/DUFUPD RESULTS IN AN SOC4 ABEND AT TSSRSVCS+C128	*HIP/PRP*
S016290	ACEE VALIDATION	PTF
The CA RS 2102 service count for this release is 4		

CA Top Secret Security for z/OS
CA RS 2102 Service List for CAKOG00

FMID	Service	Description	Type
CAKOG00	S015869	INCORRECTLY DETERMINING IF CERTIFICATE WAS SELF SIGNED	PTF
	S015905	SUPPORT JES SPOOL ENCRYPTION	PTF
	S016134	DUFXTTR/DUFUPD RESULTS IN AN SOC4 ABEND AT TSSRSVCS+C128	*HIP/PRP*
	S016290	ACEE VALIDATION	PTF
The CA RS 2102 service count for this FMID is 4			

Service	Details
S015869	S015869 M.C.S. ENTRIES = ++PTF (S015869) INCORRECTLY DETERMINING IF CERTIFICATE WAS SELF SIGNED PROBLEM DESCRIPTION: SIGNED BY does not display correctly when listing a certificate that has an SKI(subject key identifier) greater than 20 bytes. When certificates are added that were signed by these types of certificates, the signed certificate is added with NOTRUST and does not display the signer when listed. A TSS list of these certificates causes a loop if the CHAIN parameter is used. When displaying the certificate, the output shows that it is signed by itself. TSS LIST(CERTAUTH) DIGICERT(VISA) CERTIFICATE WAS SIGNED BY: ACID(CERTAUTH) DIGICERT(VISA) SYMPTOMS: Certificates that are signed by these certificates are added with NOTRUST. Listing these certificates with the CHAIN parameter causes a loop. IMPACT: Certificates added with NOTRUST must be modified to TRUST. Commands or jobs listing these certificates must be canceled. CIRCUMVENTION: Modify the NOTRUST to TRUST via TSS REPLACE(ACID) DIGICERT(name) TRUST Do not use the CHAIN parameter when listing a certificate. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10441 Copyright (C) 2021 CA. All rights reserved. R01034-TSS160-SP1 DESC(INCORRECTLY DETERMINING IF CERTIFICATE WAS SELF SIGNED). ++VER (Z038) FMID (CAKOG00) PRE (S007161) SUP (S011310 ST11310 ST15869) ++HOLD (S015869) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (21008) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Correct signwith with SKI > 20 +-----+-----+ USERS Using TSS to manage Digital Certificate AFFECTED +-----+-----+ KNOWLEDGE Operator commands REQUIRED +-----+-----+ ACCESS z/OS operator commands REQUIRED +-----+-----+ </pre>)

Service	Details
	***** * STEPS TO PERFORM * ***** 1. F LLA REFRESH 2. Restart TSS,,REINIT) .

Service	Details
SO15905	SO15905 M.C.S. ENTRIES = ++PTF (SO15905) SUPPORT JES SPOOL ENCRYPTION ENHANCEMENT DESCRIPTION: z/OS 2.4 provides the capability for encryption of JES Spool datasets. CA Top Secret for z/OS 16.0 enhanced to support encryption of JES Spool datasets. SYMPTOMS: None. This is an enhancement. IMPACT: None. This is an enhancement. CIRCUMVENTION: None. This is an enhancement. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10279 Copyright (C) 2021 CA. All rights reserved. R01037-TSS160-SP1 DESC(SUPPORT JES SPOOL ENCRYPTION). ++VER (Z038) FMID (CAKOG00) PRE (R082138 R082305 R084794 R086945 R089334 R089361 R090186 R092696 R092771 R094101 R095026 R095244 R095291 R095454 R096977 R097832 R097892 R098051 R098297 R098365 R098716 R098925 R099167 R099320 R099394 R099512 R099690 R099844 S000132 S000816 S001069 S001267 S001285 S001630 S001882 S004066 S004368 S005264 S005559 S006391 S006548 S006599 S006621 S006929 S007542 S007748 S007913 S007931 S008791 S008923 S010461 S010685 S010890 S010967 S011233 S011889 S011904 S012318 S012760 S012947 S014515 S014730 S014947 S015625) SUP (AR93059 AR94686 AR96977 AS07542 AS08092 AS08245 AS08791 AS08923 BR92696 R079659 R079894 R081160 R081855 R085956 R087515 R087883 R090626 R091002 R091186 R091707 R092619 R092967 R093059 R093757 R094686 R094718 R094913 R095428 R095857 R096103 R096998 R097041 R097114 R097317 R097746 R097814 R098458 R099952 S000139 S000170 S001085 S001355 S001788 S003648 S003659 S004082 S004371 S004851 S004881 S005401 S007261 S007587 S007855 S008092 S008200 S008205 S008271 S008909 S009073 S009634 S010635 S010845 S011146 S011311 S011941 S011958 S012408 S012923 S012989 S013382 S013510 S013533 S013700 S013963 S015653 S015659 ST00139 ST00170 ST01085 ST01355 ST01642 ST01788 ST03648 ST03659 ST04082 ST04371 ST04631 ST04851 ST04881 ST05401 ST06618 ST06883 ST06968 ST06971 ST06989 ST07046 ST07261 ST07587 ST07654 ST07709 ST07739 ST07748 ST07850 ST07855 ST07931 ST08092 ST08138 ST08200 ST08205 ST08271 ST08324 ST08659 ST08844 ST08893 ST08909 ST08910 ST09038 ST09073 ST09199 ST09634 ST10111 ST10387 ST10600 ST10609 ST10635 ST10845

Service	Details
	ST11146 ST11311 ST11936 ST11941 ST11958 ST12006 ST12117 ST12408 ST12442 ST12793 ST12923 ST12989 ST13382 ST13510 ST13533 ST13653 ST13700 ST13805 ST13963 ST14508 ST15435 ST15441 ST15454 ST15653 ST15659 ST15905 ST16008 ST16169 TR79659 TR79894 TR81160 TR81855 TR85956 TR87515 TR87883 TR90186 TR90626 TR91002 TR91186 TR91707 TR91840 TR92609 TR92619 TR92967 TR93059 TR93757 TR94101 TR94686 TR94718 TR94779 TR94913 TR95109 TR95191 TR95244 TR95291 TR95428 TR95857 TR96103 TR96675 TR96763 TR96998 TR97041 TR97068 TR97114 TR97150 TR97317 TR97746 TR97814 TR98365 TR98458 TR98858 TR99033 TR99034 TR99543 TR99612 TR99952) ++HOLD (SO15905) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (21026) COMMENT (+-----+ 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). ++HOLD (SO15905) SYSTEM FMID(CAKOG00) REASON (ENH) DATE (21026) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE Before Accept +-----+ PURPOSE Support for JES Spool Encryption in z/OS 2.4 +-----+ USERS All AFFECTED +-----+ KNOWLEDGE Top Secret Administration REQUIRED JES 2 Initialization and Tuning +-----+ ACCESS TSS Administrative Authority

Service	Details
	<pre> REQUIRED JES 2 Administration Authority +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Add JES SPOOLDEF initialization parameter ADVANCED_FORMAT=ENABLED to enable encryption of JES Spool datasets. 2. Define CA Top Secret ownership and permissions to enable JES Spool encryption.).</pre>

Service	Details
S016134	M.C.S. ENTRIES = ++PTF (S016134) DUFXTR/DUFUPD RESULTS IN AN SOC4 ABEND AT TSSRSVCS+C128 PROBLEM DESCRIPTION: After applying S015896, any attempt to use the Dynamic Update Facility to extract or update installation data results in a SOC4 Abend in TSSRSVCS+C128. SYMPTOMS: A SOC4 Abend occurs in TSSRSVCS+C128, and processing is terminated. IMPACT: Users are unable to logon to IMS or CICS. A RACROUTE REQUEST=AUTH or RACHECK macro request to extract or update installation data using the DUFXTR or DUFUPD classes fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Related Problem: TSSMVS 10457 Copyright (C) 2021 CA. All rights reserved. R01052-TSS160-SP1 DESC(DUFXTR/DUFUPD RESULTS IN AN SOC4 ABEND AT TSSRSVCS+C128) . ++VER (Z038) FMID (CAKOG00) PRE (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 S014392 S014413 S014515 S015439 S015896 S016019) SUP (AR87918 AR89334 AR90069 AS13895 AS15439 BS15896 R087875 R088651 R090069 R091469 R092584 R097567 R099939 S001743 S004540 S007314 S008053 S012436 S013311 S013895 S014000 S015261 S015753 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 (S016134) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (21021) COMMENT (
	CA Top Secret for z/OS Version 16.0 SEQUENCE After Apply PURPOSE Load module into LLA and activate USERS All AFFECTED

Service	Details
	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).

Service	Details
SO16290	SO16290 M.C.S. ENTRIES = ++PTF (SO16290) ACEE VALIDATION ENHANCEMENT DESCRIPTION: Perform ACEE integrity validation on AUTH and administration requests. Removal of attributes will be ignored. If the integrity check fails, a series of RACROUTE REQUEST=EXTRACT calls are issued for CLASS=ACEECHK with ENTITY=IRR.EXCLUDE.pgmname.userid and ENTITY=IRR.EXCLUDE.pgmname to determine if the ACEE attribute changes are valid. If the changes are not valid, an additional EXTRACT with ENTITY=IRR.ABEND.ON.FAILURE is issued to determine if the job should be terminated. Top Secret ACEE modification detection messages issued: CAS2710I MODIFICATION DETECTED FOR ACEE: 007FC680 USERID: TSSFAD CAS2711I JOBNAME: TSSFAD ASID: 003C PROGRAM: XDCCALLA CAS2712I MODIFIED VALUE: FIELD=ACEEUSER CAS2712I MODIFIED VALUE: ATTR=ACEEPRIV CAS2712I MODIFIED VALUE: ATTR=ANORESK CAS2714I CLASS=XDC ENTITY=ZAP.PRIVATE.SUBPOOL.230 PRODUCT(S) AFFECTED: CA-Top Secret Related Problem: TSSMVS 10341 Copyright (C) 2021 CA. All rights reserved. R01058-TSS160-SP1 DESC(ACEE VALIDATION). ++VER (Z038) FMID (CAKOG00) PRE (R080995 R082138 R083104 R083157 R084470 R084794 R085843 R086294 R086945 R087918 R088415 R088603 R088796 R088932 R089203 R089334 R089888 R089889 R090317 R091603 R092696 R092771 R093298 R094909 R094971 R095026 R095454 R095793 R096696 R096977 R097892 R098232 R098297 R098395 R098716 R098795 R098804 R099091 R099167 R099320 R099484 R099512 R099645 R099844 S000140 S000168 S000713 S001069 S001265 S001489 S001630 S001968 S004066 S004391 S004444 S004966 S004996 S005250 S005264 S005615 S006391 S006599 S006616 S006816 S006832 S006966 S007485 S007497 S007990 S008020 S008182 S008490 S008881 S010311 S010482 S010485 S011410 S011904 S012161 S012296 S012318 S012760 S013890 S014000 S014392 S014413 S014515 S014730 S015439 S015715 S015896 S016019 S016134) SUP (AR87918 AR88603 AR89334 AR90069 AR98297 AS08182 AS12760 AS13895 AS15439 BR88603 BR89334 R080064 R087875 R088651 R089210 R089682 R089936 R090069 R090784 R091469 R092584 R092808 R092809 R092811 R094168 R094298 R095424 R095692 R096857 R097390 R097567 R097899 R099650 R099939 S000254 S000773 S001509 S001513 S001631 S001741 S001743 S003596 S003993 S004540 S004576 S005062 S005801 S005859 S005970 S006964 S007052 S007314 S007652 S008053

Version 16.0

Service	Details						
	S008399	S008736	S009635	S011001	S011140	S011478	
	S011907	S012129	S012436	S012940	S013014	S013311	
	S013895	S015261	S015753	S016048	ST00032	ST00254	
	ST00773	ST00906	ST01223	ST01273	ST01316	ST01354	
	ST01365	ST01371	ST01375	ST01509	ST01513	ST01631	
	ST01741	ST01743	ST01968	ST03596	ST03679	ST03828	
	ST03830	ST03993	ST04345	ST04530	ST04540	ST04576	
	ST04670	ST05062	ST05226	ST05681	ST05801	ST05859	
	ST05970	ST06421	ST06648	ST06701	ST06964	ST07052	
	ST07314	ST07408	ST07562	ST07568	ST07628	ST07652	
	ST07836	ST08053	ST08390	ST08399	ST08736	ST09635	
	ST10585	ST10940	ST11001	ST11140	ST11378	ST11397	
	ST11406	ST11474	ST11478	ST11633	ST11676	ST11907	
	ST11950	ST12129	ST12436	ST12905	ST12940	ST13013	
	ST13014	ST13017	ST13260	ST13311	ST13663	ST13712	
	ST13750	ST13796	ST13804	ST13815	ST13895	ST14000	
	ST15261	ST15753	ST16037	ST16048	ST16230	ST16278	
	ST16290	TR80064	TR84431	TR86294	TR86962	TR87875	
	TR87890	TR87917	TR88651	TR88994	TR89004	TR89180	
	TR89203	TR89210	TR89665	TR89682	TR89691	TR89888	
	TR89889	TR89936	TR89997	TR90069	TR90317	TR90753	
	TR90784	TR91469	TR92489	TR92535	TR92584	TR92648	
	TR92800	TR92808	TR92809	TR92811	TR94168	TR94298	
	TR95423	TR95424	TR95692	TR96855	TR96857	TR97390	
	TR97567	TR97899	TR98062	TR98715	TR98795	TR99420	
	TR99650	TR99939	TR99976	)			
	++HOLD (S016290) SYSTEM FMID(CAKOG00)						
	REASON (ACTION) DATE (21027)						
	COMMENT (						
	+-----+						
		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 *							

NOTE Commands must be issued in the order shown below.							
The LLA and CA SAF refreshes must be performed prior							
to shutting down CA Top Secret. Failure to do so							
will require a system IPL.							
1. Issue LLA REFRESH							
2. Refresh CA SAF with TSS REFRESH(SAFRTLDD)							

Service	Details
	3. Refresh CA SAF with TSS REFRESH(SAFVK00) 4. Shutdown CA Top Secret with P TSS 5. Restart CA Top Secret with TSS,,,REINIT). ++HOLD (SO16290) SYSTEM FMID(CAKOG00) REASON (ENH) DATE (21027) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE Before Accept +-----+ PURPOSE Perform ACEE Integrity checking +-----+ USERS All AFFECTED +-----+ KNOWLEDGE Top Secret Administration REQUIRED +-----+ ACCESS Top Secret Administrative Authority REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and restart CA Top Secret with TSS,,,REINIT 2. Refresh SAF with TSS REFRESH(SAFAL)) </pre>

CA Top Secret Security for z/OS 16.0
CA RS 2102 Product/Component Listing

13

Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2102 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00