

Top Secret for z/OS 16.0
CA RS 2303 Service List

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Service	Description	Type
LU08439	R_DATALIB GETRINGINFO FUNCTION NOT RETURNING CERTIFICATES	PTF
LU08883	UPDATE MACROS TO ADD THE 2 BYTE RESOURE CODE	PTF
LU09024	SUPPORT RSASSA-PSS SIGNATURES ON DIGITAL CERTIFICATES	PTF
LU09175	TSSCFILE ABENDS WHEN MFA INCLUDED IN LIST OPTION	PTF
The CA RS 2303 service count for this release is 4		

Top Secret for z/OS
CA RS 2303 Service List for CAKOG00

FMID	Service	Description	Type
CAKOG00	LU08439	R_DATA LIB GETRINGINFO FUNCTION NOT RETURNING CERTIFICATES	PTF
	LU08883	UPDATE MACROS TO ADD THE 2 BYTE RESOURE CODE	PTF
	LU09024	SUPPORT RSASSA-PSS SIGNATURES ON DIGITAL CERTIFICATES	PTF
	LU09175	TSSCFE ABENDS WHEN MFA INCLUDED IN LIST OPTION	PTF
The CA RS 2303 service count for this FMID is 4			

Service	Details
LU08439	LU08439 M.C.S. ENTRIES = ++PTF (LU08439) REWORK(2023059) The following items are included in this solution: 1. R_DATALIB GETRINGINFO FUNCTION NOT RETURNING CERTIFICATES 2. R_DATALIB RETURNS NOT FOUND BEFORE PROCESSING ALL CERTS ===== R_DATALIB GETRINGINFO FUNCTION NOT RETURNING CERTIFICATES PROBLEM DESCRIPTION: R_Datalib GETRINGINFO is not returning a list of certificates that are connected to the keyring. SYMPTOMS: Return code from the R_Datalib for Function=GetRingInfo is RC=0/0:0 but no certificates are returned. IMPACT: Depends on how the application handles no certificates. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 19146 ===== R_DATALIB RETURNS NOT FOUND BEFORE PROCESSING ALL CERTS PROBLEM DESCRIPTION: Top Secret returns not found to R_datalib when a certificate identifier on a keyring is not found, even when there are more certificates on the keyring. SYMPTOMS: All defined certificates on a keyring are not returned. IMPACT: All defined certificates on a keyring are not returned. CIRCUMVENTION: Remove the certificate from the keyring PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 17714 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01381-TSS160 DESC(R_DATALIB GETRINGINFO FUNCTION NOT RETURNING CERTIFICATES). ++VER (Z038) FMID (CAKOG00) PRE (LU02263 LU04016 LU05572 R092696 R095981 S000082 S006391 S006741 S012332 S016294) SUP (LT06727 LT08439 R094537 TR94537) ++HOLD (LU08439) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (23059) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+

Service	Details
	PURPOSE Correct Processing for R_DATA LIB GETRINGINFO +-----+-----+ USERS User issue R_DATA LIB GETRINGINFO function AFFECTED +-----+-----+ KNOWLEDGE z/OS Operator Commands REQUIRED +-----+-----+ ACCESS z/OS Operator command authority REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. F LLA,REFRESH 2. F TSS,REFRESH(SAFRT002) 3. F TSS,REFRESH(SAFRT007) 4. F TSS,REFRESH(SAF06TRC) 5. S TSS,,REINIT).

Service	Details
LU08883	LU08883 M.C.S. ENTRIES = ++PTF (LU08883) REWORK(2023047) UPDATE MACROS TO ADD THE 2 BYTE RESOURE CODE PROBLEM DESCRIPTION: SMF Type 80 record layout and #AFLAGS macro are missing the 2-byte resource code. SYMPTOMS: Users are unable to identify the 2-byte resource code and interpret the FLVAR field in the #FLOG macro. IMPACT: Vendor/Customer porting the SMF Type 80 record are unable to map the layout due to the missing resource code information in the #AFLAGS macro and documentation. Also, there is no information on how to interpret the FLVAR field for 1-byte or 2-byte resource code. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 19512 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01393-TSS160 DESC(UPDATE MACROS TO ADD THE 2 BYTE RESOURE CODE) . ++VER (Z038) FMID (CAKOG00) PRE (LU04016 LU08678 S016055) SUP (LT08883) ++HOLD (LU08883) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (23047) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ ***** * PUBLICATION * ***** Top Secret macro update Macro: #AFLAGS ----- Added 2 byte resource code Resource code are combination of user defined and top secret identifier To retrieve the complete list of resource code and resource name run the command TSS LIST(RDT) to create an internal mapping table Macro: #FLOG ----- Added information on how to interpret the FLVAR based on the resource code. For resource code in RDT that exceeds more than one byte, FLCLASS will be set to X'FF' and 2 byte resource code will be stored in FLCLASS2 and and resource name will be off 2 bytes from FLVAR. For resource code in RDT that are one byte, FLCLASS will contain the resource code and resource name will start at the FLVAR.).

Service	Details
LU09024	LU09024 M.C.S. ENTRIES = ++PTF (LU09024) REWORK(2023044) SUPPORT RSASSA-PSS SIGNATURES ON DIGITAL CERTIFICATES ENHANCEMENT DESCRIPTION: Add support to identify and support certificates with the RSASSA-PSS signatures required for TLS 1.3 support. PRODUCT(S) AFFECTED: Top Secret for z/OS Version16.0 Related Problem: TSSMVS 10423 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01395-TSS160 DESC(SUPPORT RSASSA-PSS SIGNATURES ON DIGITAL CERTIFICATES). ++VER (Z038) FMID (CAKOG00) PRE (LU00345 LU00372 LU00910 LU01159 LU01345 LU01759 LU01778 LU03527 LU04016 LU04926 LU05552 LU05572 LU05818 LU06089 LU06467 LU07536 LU08021 LU08678 R082138 R084794 R084866 R085310 R086945 R089361 R091447 R092696 R092854 R095454 R095981 R096977 R097892 R098297 R098358 R098716 R099167 R099320 R099394 R099512 R099690 S000132 S000816 S001069 S001267 S001630 S001735 S001882 S004066 S004082 S004144 S004371 S004851 S004936 S005264 S006391 S006548 S006599 S006621 S006741 S006929 S007161 S007497 S007542 S008791 S008923 S010685 S010890 S011904 S012318 S012332 S012413 S012760 S012923 S013405 S014515 S014730 S014947 S015625 S015905 S016290 S016294 S016312) SUP (AL01778 AL04152 AL04559 AR93059 AR94686 AR96977 AS07542 AS08092 AS08245 AS08791 AS08923 AS09774 AS10383 AS10461 AS11904 AS15905 BL01778 BR92696 BS07542 CS10685 LT00360 LT00418 LT00526 LT01333 LT01342 LT01343 LT01372 LT01475 LT01558 LT01703 LT02668 LT02848 LT03430 LT03538 LT04152 LT04265 LT04277 LT04329 LT04531 LT04559 LT04560 LT04784 LT05017 LT05191 LT05294 LT05307 LT05500 LT05508 LT05512 LT05554 LT05700 LT06490 LT06494 LT06537 LT06552 LT06656 LT06679 LT07252 LT07886 LT07974 LT08570 LT08615 LT09024 LU00360 LU00418 LU00526 LU01343 LU01372 LU01475 LU01558 LU02668 LU02848 LU04152 LU04265 LU04559 LU04560 LU04784 LU05191 LU05512 LU05554 LU05700 LU06490 LU06494 LU06537 LU06552 LU06656 LU06679 LU07886 LU08615 R079659 R079894 R081855 R082305 R085631 R085666 R085956 R088473 R088848 R090165 R090186 R090633 R091002 R091186 R091707 R092619 R092967 R093059 R093171 R093757 R094101 R094686 R094718 R094913 R095244 R095291 R095428 R096103 R097041 R097114 R097814 R097832 R097905 R098011 R098051 R098365 R099952 S000139 S000170 S000249 S001085 S001355 S001788 S003648 S003659 S003961 S004109 S004368 S004881 S005028 S005401 S005559 S006348 S006775 S007261 S007587 S007748 S007855 S007913 S007931 S008092 S008188 S008200 S008205 S008271 S008909 S009073 S009634 S009774 S010383 S010461 S010635 S010745 S010845 S010967 S011146 S011233 S011310 S011941 S011958 S012533 S012989 S013060 S013099 S013469 S013533 S013542 S013595 S013700 S013963 S014291 S014444 S015653

Service	Details
	SO15659 SO15869 SO16021 SO16204 SO16316 SO16321 ST00139 ST00170 ST00249 ST01085 ST01181 ST01355 ST01636 ST01642 ST01788 ST01861 ST03648 ST03659 ST03961 ST04109 ST04187 ST04368 ST04631 ST04881 ST05028 ST05401 ST05556 ST05559 ST05913 ST06344 ST06348 ST06618 ST06775 ST06883 ST06968 ST06971 ST06989 ST07046 ST07261 ST07587 ST07654 ST07709 ST07739 ST07748 ST07850 ST07855 ST07913 ST07931 ST08092 ST08138 ST08188 ST08200 ST08205 ST08271 ST08324 ST08659 ST08844 ST08893 ST08909 ST08910 ST09038 ST09073 ST09199 ST09634 ST09774 ST09944 ST10111 ST10383 ST10461 ST10600 ST10635 ST10745 ST10759 ST10845 ST10967 ST11146 ST11233 ST11310 ST11936 ST11941 ST11958 ST12006 ST12130 ST12179 ST12533 ST12989 ST13060 ST13099 ST13469 ST13533 ST13542 ST13595 ST13629 ST13700 ST13963 ST14291 ST14444 ST15435 ST15441 ST15454 ST15653 ST15659 ST15869 ST15903 ST16021 ST16063 ST16169 ST16204 ST16316 ST16321 TR79659 TR79894 TR81855 TR82305 TR85631 TR85666 TR85956 TR88473 TR88848 TR89833 TR90165 TR90186 TR90633 TR91002 TR91186 TR91287 TR91707 TR91840 TR92609 TR92619 TR92967 TR93059 TR93171 TR93757 TR94101 TR94686 TR94718 TR94779 TR94913 TR95109 TR95191 TR95244 TR95291 TR95428 TR96103 TR97041 TR97068 TR97114 TR97814 TR97832 TR97905 TR98011 TR98051 TR98365 TR98858 TR99033 TR99034 TR99543 TR99612 TR99952) ++HOLD (LU09024) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (23044) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ ***** * PUBLICATION * ***** to be filled in later). ++HOLD (LU09024) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (23044) COMMENT (+-----+ Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Support RSASSA-PSS signatures on digital certificates +-----+ USERS All AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret Administration +-----+ ACCESS 1. Console authority REQUIRED 2. Top Secret Administration +-----+ *****

Service	Details
	<pre>* STEPS TO PERFORM * ***** 1. Refresh LLA with F LLA,REFRESH 2. Refresh SAF with F TSS,REFRESH(SAFAL) 3. Restart CA Top Secret with TSS,,,REINIT).</pre>

Service	Details																		
LU09175	LU09175 M.C.S. ENTRIES = ++PTF (LU09175) REWORK(2023053) TSSCFE ABENDS WHEN MFA INCLUDED IN LIST OPTION PROBLEM DESCRIPTION: Abend U1000 occurs when running the following TSSCFE command: TSS LIST(acid) DATA(ALL,PASSWORD,MFA,ENHANCED) SYMPTOMS: TSSCFE - ABEND=S000 U1000 REASON=00000000 IMPACT: TSSCFE job abends with User 1000. CIRCUMVENTION: Remove MFA keyword from TSS LIST() DATA() . PRODUCT(S) AFFECTED: Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 19722 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01399-TSS160 DESC(TSSCFE ABENDS WHEN MFA INCLUDED IN LIST OPTION) . ++VER (Z038) FMID (CAKOG00) PRE (LU04016 LU08678 R084794 R092696 R095026 R095454 R097892 R099320 R099844 S000816 S001069 S001882 S004082 S004371 S004851 S006391 S006621 S006929 S008923 S010685 S012923 S012947 S014730 S015905 S016294) SUP (LT02892 LT09175 LU02892 R081160 R087515 R090626 S011311 S012408 S013382 S013510 ST10387 ST10609 ST11311 ST12117 ST12408 ST12793 ST13382 ST13510 ST16008 ST16009 TR81160 TR87515 TR90626) ++HOLD (LU09175) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (23053) COMMENT (<table border="1"> <tr> <td>Top Secret for z/OS</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Load module into LLA and activate</td></tr> <tr> <td>USERS</td><td>All</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>TSS administrative commands z/OS Operator Commands</td></tr> <tr> <td>REQUIRED</td><td>z/OS Operator Commands</td></tr> <tr> <td>ACCESS</td><td>TSS administrative command authority</td></tr> <tr> <td>REQUIRED</td><td>z/OS Operator command authority</td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. F LLA REFRESH 2. S TSS,,REINIT	Top Secret for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Load module into LLA and activate	USERS	All	AFFECTED		KNOWLEDGE	TSS administrative commands z/OS Operator Commands	REQUIRED	z/OS Operator Commands	ACCESS	TSS administrative command authority	REQUIRED	z/OS Operator command authority
Top Secret for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
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ACCESS	TSS administrative command authority																		
REQUIRED	z/OS Operator command authority																		

Service	Details		
	3. Rerun TSSCFILE		
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MCS	LU08439	STARTS ON PAGE 0002	
MCS	LU08883	STARTS ON PAGE 0003	
MCS	LU09024	STARTS ON PAGE 0005	
MCS	LU09175	STARTS ON PAGE 0012	

Top Secret for z/OS 16.0
CA RS 2303 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2303 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2303	LU09175	CAKOG00
	LU09024	CAKOG00
	LU08883	CAKOG00
	LU08439	CAKOG00
CAR2302	LU08678	CAKOG00
	LU08615	CAKOG00
	LU08568	CAKOG00
	LU08543	CAKOG00
	LU08423	CAKOG01
	LU07775	CAKOG01
	LU02995	CAKOG00
CAR2301	LU08099	CAKOG00
	LU08096	CAKOG00
	LU07783	CAKOG00
CAR2212	LU08021	CAKOG00
	LU07886	CAKOG00
	LU07791	CAKOG00
	LU07548	CAKOG00
CAR2211	LU07737	CAKOG00
	LU07536	CAKOG00
	LU07505	CAKOG00
	LU07457	CAKOG01
	LU07164	CAKOG00
	LU06987	CAKOG00
	LU06640	CAKOG00
	LU05554	CAKOG00
CAR2210	LU07316	CAKOG00
	LU07170	CAKOG00
	LU07029	CAKOG00
	LU06830	CAKOG00
	LU06656	CAKOG00
CAR2209	LU07090	CAKOG00
	LU06767	CAKOG00
	LU06762	CAKOG00
	LU06682	CAKOG00
	LU06679	CAKOG00
	LU06639	CAKOG00
	LU06604	CAKOG00
	LU06488	CAKOG00
	LU06467	CAKOG00
	LU05065	CAKOG00
CAR2208	LU06552	CAKOG00
	LU06537	CAKOG00
	LU06494	CAKOG00
	LU06490	CAKOG00
	LU06477	CAKOG00
	LU06445	CAKOG00

CA RS Level	Service	FMID
	LU06273	CAKOG01
	LU05130	CAKOG02
	LU05129	CAKOG00
	LU01590	CAKOG01
CAR2207	LU06242	CAKOG00
	LU06167	CAKOG00
	LU06162	CAKOG00
	LU06089	CAKOG00
	LU03239	CAKOG00
CAR2206	LU05818	CAKOG00
	LU05700	CAKOG00
	LU05699	CAKOG00
	LU05697	CAKOG00
	LU05572	CAKOG00
	LU05552	CAKOG00
	LU05512	CAKOG00
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
CAR2203	LU04810	CAKOG00
	LU04761	CAKOG00
	LU04734	CAKOG00
	LU04659	CAKOG00
	LU04602	CAKOG00
	LU04560	CAKOG00
	LU04559	CAKOG00
	LU04271	CAKOG00
	LU04128	CAKOG00
	LU03467	CAKOG00
CAR2202	LU04265	CAKOG00
	LU04152	CAKOG00
	LU03830	CAKOG00
	LU03728	CAKOG00
CAR2201	LU04019	CAKOG03
	LU04018	CAKOG02

CA RS Level	Service	FMID
	LU04017	CAKOG01
	LU04016	CAKOG00
	LU03739	CAKOG00
	LU03598	CAKOG00
	LU03527	CAKOG00
CAR2112	LU03459	CAKOG00
	LU03444	CAKOG00
	LU03416	CAKOG00
	LU03329	CAKOG00
	LU03205	CAKOG00
	LU03197	CAKOG00
	LU03081	CAKOG00
	LU03029	CAKOG00
	LU02911	CAKOG00
	LU02905	CAKOG00
CAR2111	R085631	CAKOG00
	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

CA RS Level	Service	FMID
	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	SO16092	CAKOG00
	RO79894	CAKOG00
	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	SO16204	CAKOG00
	SO16135	CAKOG00
	LU00747	CAKOG00
	LU00526	CAKOG00
	LU00512	CAKOG00
	LU00372	CAKOG00
	LU00358	CAKOG00

CA RS Level	Service	FMID
	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
	S014340	CAKOG00
	S013550	CAKOG00
	S013289	CAKOG00
CAR2009	S014413	CAKOG00
	S014396	CAKOG01
	S014392	CAKOG00
	S014329	CAKOG00
	S014291	CAKOG00

CA RS Level	Service	FMID
	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
	S012436	CAKOG00
	S012319	CAKOG00
	S012318	CAKOG00
	S012038	CAKOG00
	S008772	CAKOG01
CAR2004	S012408	CAKOG00
	S012296	CAKOG00
	S012161	CAKOG00

CA RS Level	Service	FMID
	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
	S010635	CAKOG00
	S010483	CAKOG01
	S010482	CAKOG00
	S006017	CAKOG01
CAR1911	S010461	CAKOG00
	S010383	CAKOG00
	S010311	CAKOG00
	S009909	CAKOG01

CA RS Level	Service	FMID
	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
	S007913	CAKOG00
	S007855	CAKOG00
	S007479	CAKOG01
	S007478	CAKOG00
	S007360	CAKOG00
CAR1904	S007748	CAKOG00
	S007738	CAKOG00
	S007652	CAKOG00

CA RS Level	Service	FMID
	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
	S005545	CAKOG00
	R085987	CAKOG00
	R083213	CAKOG00
	R082305	CAKOG00
	R081855	CAKOG00
	R081160	CAKOG00
	R079885	CAKOG00
CAR1812	S006391	CAKOG00

CA RS Level	Service	FMID
	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
	S004936	CAKOG00
	S004881	CAKOG00
	S004576	CAKOG00
	S004240	CAKOG00
	S004144	CAKOG00
CAR1808	S004627	CAKOG00
	S004540	CAKOG00
	S004444	CAKOG00

CA RS Level	Service	FMID
	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
	S000861	CAKOG00
	S000468	CAKOG00
	S000279	CAKOG00
	R099747	CAKOG00
	R098984	CAKOG00
CAR1804	S001123	CAKOG00
	S001085	CAKOG00
	S001069	CAKOG00

CA RS Level	Service	FMID
	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
CAR1801	R099690	CAKOG00
	R099512	CAKOG00
	R099484	CAKOG00
	R099394	CAKOG00
	R099320	CAKOG00
	R099095	CAKOG00
	R099091	CAKOG00
	R099005	CAKOG00

CA RS Level	Service	FMID
	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
	R097371	CAKOG00
	R091062	CAKOG00
CAR1709	R097317	CAKOG00
	R097257	CAKOG00
	R097114	CAKOG00
	R097009	CAKOG00
CAR1708	R097041	CAKOG00
	R096998	CAKOG00

CA RS Level	Service	FMID
	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
	R093932	CAKOG00
CAR1703	R094517	CAKOG00
	R094383	CAKOG00
	R094298	CAKOG00
	R094101	CAKOG00
	R093840	CAKOG00
CAR1702	R093979	CAKOG00
	R093757	CAKOG00

CA RS Level	Service	FMID
	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
	R090784	CAKOG00
	R090627	CAKOG00
	R090626	CAKOG00
	R090186	CAKOG00
	R089750	CAKOG00
	R088433	CAKOG01
	R086556	CAKOG00
CAR1607	R090358	CAKOG00

CA RS Level	Service	FMID
	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
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00