

CA Top Secret Security for z/OS 16.0
CA RS 2010 Service List

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Service	Description	Type
S013289	SOC4 ABEND IN TSSRSVCS AFTER S011889	** PRP **
S013550	PREVENT \$\$\$LOG\$\$ FILE FROM CAUSING S722 ABEND	PTF
S014340	IMS MESSAGE REGION FAILS TO START AFTER S012118 / S011952	**HIPER**
S014341	IMS MESSAGE REGION FAILS TO START AFTER S012118 / S011952	**HIPER**
S014444	CPF JRNL FILE OPEN/CLOSE LOOP UNDER JES3 WITH SYSOUT(CLOSE)	PTF
S014515	REFRESH SMSVSAM ACID	PTF
S014521	LOGSTRING DATA NOT REPORTED IN TSSUTIL LONG REPORT	PTF
S014730	MFA ENHANCEMENT TO ALLOW AUTOMATIC PUSH TO MOBILE DEVICES	PTF
S014769	ABEND SOC4 IN TSSASRB+1BC DURING TSSCFIL LARGE DATA	** PRP **
S014947	UPDATES TO ARCHIVE/MODEL COMMANDS AND PROTECTED ID	PTF
The CA RS 2010 service count for this release is 10		

CA Top Secret Security for z/OS
CA RS 2010 Service List for CAKOG00

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FMID	Service	Description	Type
CAKOG00	SO13289	SOC4 ABEND IN TSSRSVCS AFTER SO11889	** PRP **
	SO13550	PREVENT \$\$\$LOG\$\$ FILE FROM CAUSING S722 ABEND	PTF
	SO14340	IMS MESSAGE REGION FAILS TO START AFTER SO12118 / SO11952	**HIPER**
	SO14444	CPF JRNL FILE OPEN/CLOSE LOOP UNDER JES3 WITH SYSOUT(CLOSE)	PTF
	SO14515	REFRESH SMSVSAM ACID	PTF
	SO14521	LOGSTRING DATA NOT REPORTED IN TSSUTIL LONG REPORT	PTF
	SO14730	MFA ENHANCEMENT TO ALLOW AUTOMATIC PUSH TO MOBILE DEVICES	PTF
	SO14769	ABEND SOC4 IN TSSASRB+1BC DURING TSSCFIL LARGE DATA	** PRP **
	SO14947	UPDATES TO ARCHIVE/MODEL COMMANDS AND PROTECTED ID	PTF
The CA RS 2010 service count for this FMID is 9			

CA Top Secret Security for z/OS
CA RS 2010 Service List for CAKOG02

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FMID	Service	Description	Type
CAKOG02	S014341	IMS MESSAGE REGION FAILS TO START AFTER S012118 / S011952	**HIPER**
The CA RS 2010 service count for this FMID is 1			

Service	Details
SO13289	SO13289 M.C.S. ENTRIES = ++PTF (SO13289) SOC4 ABEND IN TSSRSVCS AFTER SO11889 PROBLEM DESCRIPTION: An ABEND OC4 may occur on RACROUTE EXTRACT processing of field FLAG4. Fix SO11889 added support to EXTRACT TYPE=REPLACE LJDATE/LJTIME, but SO11889 can cause an abend if FLAG4 is extracted. SYMPTOMS: TSS9999E CA-TSS SECURITY SVC ABEND SOC4 IN PROGRAM UNKNOWN CCSR010E TSSRSVCS SOC4 at 0000005B LMOD N/A CSECT N/A +N/A IMPACT: Extract processing fails for field FLAG4 and the jobstep abends. CIRCUMVENTION: Do not attempt to extract field FLAG4 after SO11889. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10385 Copyright (C) 2020 CA. All rights reserved. R00934-TSS160-SP1 DESC(SOC4 ABEND IN TSSRSVCS AFTER SO11889). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R086945 R091603 R098925 SO11889) SUP (AS11889 ST13289) ++HOLD (SO13289) SYSTEM FMID(CAKOG00) REASON (ACTION) DATE (20245) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate fix to correct OC4 +-----+-----+ USERS Users extracting field FLAG AFFECTED +-----+-----+ KNOWLEDGE SMPE administration REQUIRED +-----+-----+ ACCESS Update access to the Top Secret libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Apply fix, LLA REFRESH and restart CA Top Secret with TSS,,REINIT).</pre>

Service	Details
SO13550	SO13550 M.C.S. ENTRIES = ++PTF (SO13550) PREVENT \$\$\$LOG\$\$ FILE FROM CAUSING S722 ABEND ENHANCEMENT DESCRIPTION: When the CA Top Secret address space writes to the \$\$\$LOG\$\$ output spool file unchecked, it may cause an S722 abend of the address space. This abend can cause drastic results as it causes immediate cancellation of all active subtasks. This situation can result in damage to the security file leading to a need to perform forward recovery. The enhancement defaults to a hard limit of 5 million lines of output to the \$\$\$LOG\$\$ spool file. If the site has implemented their own limit, then we honor that value as the limit. When the limit is reached a final line is written to the file as follows: YY.DDD *** STATUS/DIAGNOSTIC LOG IS FULL *** PAGE nnnn At the same time, the following non-deletable message is issued to the operator console with ROUTCDE=(1,9). *TSS9606I Status Diagnostic Log O/P suspended Related Problem: TSSMVS 10324 Copyright (C) 2020 CA. All rights reserved. R00947-TSS160-SP1 DESC(PREVENT \$\$\$LOG\$\$ FILE FROM CAUSING S722 ABEND). ++VER (Z038) FMID (CAKOG00) PRE (R082138 R083426 R084470 R084794 R085843 R092696 R096977 R098232 R098297 R098358 R098716 R099320 S000816 S001267 S005264 S006391 S006816 S007547 S008182 S011904 S012965) SUP (R083075 R085987 ST12455 ST13170 ST13550 TR83075 TR85970 TR85973 TR85987) ++HOLD (SO13550) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (20261) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ ***** * PUBLICATION * ***** The enhancement defaults to a hard limit of 5 million lines of output to the \$\$\$LOG\$\$ spool file. If the site has implemented their own limit then we will honor that value as the limit. Once the limit is reached a final line will be written to the file as follows: YY.DDD *** STATUS/DIAGNOSTIC LOG IS FULL *** PAGE nnnn At the same time the following non-deletable message will be issued to the operator console with ROUTCDE=(1,9). *TSS9606I Status Diagnostic Log O/P suspended). ++HOLD (SO13550) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20261) COMMENT (

Service	Details
	<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Activate changes without IPL +-----+ USERS All AFFECTED +-----+ KNOWLEDGE TSS administrative commands REQUIRED z/OS Operator commands +-----+ ACCESS TSS administrative command authority REQUIRED z/OS Operator command Authority +-----+ ***** * STEPS TO PERFORM * ***** LLA REFRESH and restart CA Top Secret).</pre>

Service	Details														
SO14340	SO14340 M.C.S. ENTRIES = ++PTF (SO14340) IMS MESSAGE REGION FAILS TO START AFTER SO12118 / SO11952 PROBLEM DESCRIPTION: IMS message regions can abend during initialization after a restart of the IMS control region with CA Top Secret PTFs SO12118 / SO11952 and the IMS APARs below: For IMS 14: PH12901/UI65244 (RSU 1910) PH18255/UI67306 (PTF not yet closed) For IMS 15: PI89923/UI65233 (RSU 1910) PH18112/UI66084 (RSU 1911) PH19014/UI66472 (RSU 1912) SYMPTOMS: IMS Message region abends during startup with: SYSTEM COMPLETION CODE=OC1 REASON CODE=00000001 TIME=15.54.43 SEQ=39164 CPU=0000 ASID=0040 PSW AT TIME OF ERROR 078D0000 80000002 ILC 2 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 00000000 - 000A0000 000130E1 00000000 IMPACT: The IMS message region does not come up. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10409 Copyright (C) 2020 CA. All rights reserved. R00984-TSS160-SP1 DESC(IMS MESSAGE REGION FAILS TO START AFTER SO12118 / SO11952). ++VER (Z038) FMID (CAKOG00) PRE (SO12118) SUP (ST14340) ++IF FMID(CAKOG02) REQ(SO14341) . ++HOLD (SO14340) SYSTEM FMID(CAKOG00) REASON (IPL) DATE (20254) COMMENT (<table border="1"> <tr> <td>CA 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>Activate change</td></tr> <tr> <td>USERS</td><td>Users of IMS 14 / 15 at RSU1912 level of above</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Operator commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table>	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	
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															

Service	Details
	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 applied. Otherwise: - LLA REFRESH - Restart TSS with ,,,REINIT) .

Service	Details														
SO14341	SO14341 M.C.S. ENTRIES = ++PTF (SO14341) IMS MESSAGE REGION FAILS TO START AFTER SO12118 / SO11952 PROBLEM DESCRIPTION: IMS message regions can abend during initialization after a restart of the IMS control region with CA Top Secret PTFs SO12118 / SO11952 and the IMS APARs below: For IMS 14: PH12901/UI65244 (RSU 1910) PH18255/UI67306 (PTF not yet closed) For IMS 15: PI89923/UI65233 (RSU 1910) PH18112/UI66084 (RSU 1911) PH19014/UI66472 (RSU 1912) SYMPTOMS: IMS Message region abends during startup with: SYSTEM COMPLETION CODE=OC1 REASON CODE=00000001 TIME=15.54.43 SEQ=39164 CPU=0000 ASID=0040 PSW AT TIME OF ERROR 078D0000 80000002 ILC 2 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 00000000 - 000A0000 000130E1 00000000 IMPACT: The IMS message region does not come up. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10409 Copyright (C) 2020 CA. All rights reserved. R00984-TSS160-SP1 DESC(IMS MESSAGE REGION FAILS TO START AFTER SO12118 / SO11952). ++VER (Z038) FMID (CAKOG02) PRE (R088969 R094019 S005395 SO11952) SUP (ST14341) ++IF FMID(CAKOG00) REQ(SO14340) . ++HOLD (SO14341) SYSTEM FMID(CAKOG02) REASON (IPL) DATE (20254) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS IMS Component</td><td>Version 16.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Activate change</td></tr> <tr> <td>USERS</td><td>Users of IMS 14 / 15 at RSU1912 level of above</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Operator commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table>	CA Top Secret for z/OS IMS Component	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	
CA Top Secret for z/OS IMS Component	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															

Service	Details
	<pre> 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 applied. Otherwise: - LLA REFRESH - Restart TSS with ,,,REINIT).</pre>

Service	Details
SO14444	SO14444 M.C.S. ENTRIES = ++PTF (SO14444) CPF JRNL FILE OPEN/CLOSE LOOP UNDER JES3 WITH SYSOUT(CLOSE) PROBLEM DESCRIPTION: This problem affects only JES3 clients who run CA Top Secret under SUB=MSTR. Entering the F TSS,SYSOUT(CLOSE) control option when ENF or CCI has never been active causes a loop issuing the TSS9220I and TSS9221I messages. SYMPTOMS: TSS9920I Closing CPF Journal files Started TSS9921I Closing CPF Journal files Completed TSS9920I Closing CPF Journal files Started TSS9921I Closing CPF Journal files Completed IMPACT: This may lead to filling the SYSLOG and console buffers and an IPL. The problem most likely occurs preceding an intentional IPL, so the impact is minimal. CIRCUMVENTION: Cancel the CA Top Secret started task via the 'C TSS' operator command. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 15.0 CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10384 Copyright (C) 2020 CA. All rights reserved. R00991-TSS160-SP1 DESC(CPF JRNL FILE OPEN/CLOSE LOOP UNDER JES3 WITH SYSOUT(CLOSE)). ++VER (Z038) FMID (CAKOG00) PRE (R084794 S005559) SUP (S006775 S013595 ST01181 ST06775 ST13595 ST13629 ST14444) ++HOLD (SO14444) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20273) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate changes without IPL +-----+-----+ USERS JES3 sites AFFECTED +-----+-----+ KNOWLEDGE TSS administrative commands REQUIRED z/OS Operator Commands +-----+-----+ ACCESS TSS administrative command authority REQUIRED z/OS Operator command authority +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre>

Service	Details
	LLA REFRESH and restart CA Top Secret) .

Service	Details
SO14515	SO14515 M.C.S. ENTRIES = ++PTF (SO14515) REFRESH SMSVSAM ACID PROBLEM DESCRIPTION: When using pervasive encryption with VSAM RLS data sets, it may be necessary to refresh the SMSVSAM address space ACEE. TSS REFRESH(SMSVSAM) does not refresh the acid because there are no resource checks in non-cross memory mode. SMSVSAM RLS processing must be stopped and restarted. Here is the new format for the REFRESH command: TSS REFRESHÝ(acid) ÝJOBNAME(job *,{imm})"" imm Immediately refreshes the ACID in the specified address space(s). This option refreshes only an address space ACID. It is not intended for user ACIDs in a multi-user address space (for example, CICS, IMS). This example immediately refreshes the SMSVSAM ACID in the SMSVSAM address space: TSS REFRESH(SMSVSAM) JOBNAME(SMSVSAM,IMM) SYMPTOMS: SMSVSAM ACEE is not refreshed. IMPACT: SMSVSAM must be restarted to refresh the SMSVSAM ACEE. CIRCUMVENTION: Restart SMSVSAM. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 10401 Copyright (C) 2020 CA. All rights reserved. R00994-TSS160-SP1 DESC(REFRESH SMSVSAM ACID) . ++VER (Z038) FMID (CAKOG00) PRE (R082138 R082305 R083104 R084514 R084794 R086945 R087918 R089203 R089334 R089888 R090317 R091603 R092581 R092696 R094101 R094913 R095291 R095428 R095454 R096857 R096977 R097114 R097832 R097892 R098051 R098297 R098395 R098716 R099091 R099320 R099394 R099484 R099690 S000132 S000713 S000816 S001069 S001267 S001489 S001509 S001630 S003993 S004066 S004368 S004391 S005264 S005559 S006391 S006548 S006599 S006621 S006929 S007485 S007542 S007913 S007990 S008791 S008923 S010461 S010685 S010890 S010967 S011233 S011904 S012318 S012760 S012940 S014000 S014392 S014413) SUP (AR87918 AR89334 AR90069 AR96977 AS08092 AS08245 AS08791 AS10685 R087875 R088651 R090069 R091002 R091469 R091873 R092584 R092619 R092967 R093757 R096103 R097041 R097567 R099939 S000139 S001355 S001743 S004540 S004881 S007261 S007314 S007587 S008053 S008092 S008271 S008909 S009073 S009634 S010635 S010968 S011146 S011958 S012436 S013311 S013533 S013700 S013895 ST00139 ST01223 ST01355 ST01743 ST03679 ST04540 ST04631 ST04881 ST06883 ST06971 ST07046 ST07261 ST07314 ST07587 ST07709

Service	Details
	ST08053 ST08092 ST08271 ST08659 ST08844 ST08893 ST08909 ST09073 ST09199 ST09634 ST10600 ST10635 ST10940 ST10968 ST11146 ST11958 ST12006 ST12436 ST13017 ST13260 ST13311 ST13533 ST13700 ST13712 ST13796 ST13804 ST13815 ST13895 ST14394 ST14515 TR84496 TR84514 TR86962 TR87875 TR87890 TR87917 TR88651 TR88994 TR89004 TR89180 TR89203 TR89665 TR89888 TR89997 TR90069 TR90317 TR91002 TR91469 TR91873 TR92584 TR92609 TR92619 TR92967 TR93757 TR94101 TR95109 TR95291 TR96103 TR97041 TR97567 TR98858 TR99033 TR99034 TR99543 TR99939) ++HOLD (SO14515) SYSTEM FMID(CAKOG00) REASON (DOC) DATE (20247) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ ***** * PUBLICATION * ***** REFRESH Function-Renew ACIDs Use the REFRESH command function to renew the ACIDs in any address space in the security environment. Use this command in multi-user address spaces like CICS and IMS, where an ACID can have multiple instances of signed on users. Issuing the REFRESH command against a target region refreshes all all occurrences of an ACID. As a result, the user does not need to log off and log back on for administrative changes to take effect. All users are allowed to REFRESH their own security environment. The ACID being refreshed must be within the administrator's scope. This command function has the format: TSS REFRESHÝ(acid) ÝJOBNAME(job *,{imm})"" - no operands (blank) Refreshes one's own security environment. - acid Refreshes all occurrences of a specified ACID in the address space where the command is issued - JOBNAME Refreshes one of the following: - job Refreshes all occurrences of a specified ACID in the address space of a given jobname - * Refreshes all occurrences of a specified ACID in all address spaces. - imm Immediately refreshes the ACID in the specified address space(s). This option refreshes Only an address space ACID. It is not intended for user ACIDs in a multi-user address space (for example, CICS, IMS). Example: REFRESH Function This example gets a new copy of the signed on user's ACID in the current address space: TSS REFRESH

Service	Details
	This example immediately refreshes the SMSVSAM ACID in the SMSVSAM address space: <pre>TSS REFRESH(SMSVSAM) JOBNAME(SMSVSAM,IMM)).</pre> <pre>++HOLD (SO14515) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20247) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE REFRESH ACEE immediately for SMSVSAM. +-----+ 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																		
S014521	S014521 M.C.S. ENTRIES = ++PTF (S014521) LOGSTRING DATA NOT REPORTED IN TSSUTIL LONG REPORT PROBLEM DESCRIPTION: After PTF S008650, LOGSTR data will no longer be reported from TSSUTIL. The data is present in the ATF and/or SMF Type 80 records, but is not reported via TSSUTIL. SYMPTOMS: TSSUTIL LONG report will not show LOGSTR data. IMPACT: Sites may think no LOGSTR data was provided on the security call. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10413 Copyright (C) 2020 CA. All rights reserved. R00995-TSS160-SP1 DESC(LOGSTRING DATA NOT REPORTED IN TSSUTIL LONG REPORT). ++VER (Z038) FMID (CAKOG00) PRE (R084866 R086552 R098297 R099091 R099320 S004066 S005615 S006616 S007485 S008881) SUP (AS07485 R082900 R092039 R098943 S005255 S007044 S007581 S008650 ST04779 ST04843 ST05255 ST07044 ST07581 ST08650 ST14521 TR82900 TR92039 TR98943) ++HOLD (S014521) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20247) COMMENT (<table border="1"> <tr> <td>CA 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>Activate changes without IPL</td></tr> <tr> <td>USERS</td><td>All</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>z/OS Operator Commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>z/OS Operator command authority</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** LLA REFRESH and rerun TSSUTIL).	CA Top Secret for z/OS	Version 16.0	SEQUENCE	After Apply	PURPOSE	Activate changes without IPL	USERS	All	AFFECTED		KNOWLEDGE	z/OS Operator Commands	REQUIRED		ACCESS	z/OS Operator command authority	REQUIRED	
CA Top Secret for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
PURPOSE	Activate changes without IPL																		
USERS	All																		
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KNOWLEDGE	z/OS Operator Commands																		
REQUIRED																			
ACCESS	z/OS Operator command authority																		
REQUIRED																			

Service	Details
SO14730	SO14730 M.C.S. ENTRIES = ++PTF (SO14730) MFA ENHANCEMENT TO ALLOW AUTOMATIC PUSH TO MOBILE DEVICES PRODUCT ENHANCEMENT This enhancement provides the ability to pass a value of "PUSH" or some other user-defined value (such as SMS, PHONE, etc.) to a RADIUS server to invoke an automatic push or phone call to a mobile device. This feature works with the MFA factor RADIUS_PASSWORD. A new command keyword MFAPUSH was added with the syntax of: MFAPUSH(NO YES string) NO: Disables the "PUSH" value in the event that one was already assigned. YES: Automatically inserts the string "PUSH" in replace of a token value. String: Use for a value other than PUSH, like SMS, PHONE, or PHONE2. Command example: TSS ADD(NADIA) MFACTOR(RADIUS_PASSWORD) MFADATA(RADIUSNAME:nadia@878) MFACTIVE(FACILITY) MFAPUSH(YES) IMPACT: After the acid is assigned with an MFAPUSH value, you do not need to enter an auto-push keyword during the logon process. Logon example with MFAPUSH assigned, user enters password w/o token code: PASSWORD: Teamo@n In this example, the user was assigned MFAPUSH(YES). After the TSS password (Teamo@n) is verified as correct, the characters "PUSH" are passed to the RADIUS server, which, when configured, drives automatic push to mobile device for authentication. CIRCUMVENTION: N/A ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10407 Copyright (C) 2020 CA. All rights reserved. R00999-TSS160-SP1 DESC(MFA ENHANCEMENT TO ALLOW AUTOMATIC PUSH TO MOBILE DEVICES) . ++VER (Z038) FMID (CAKOG00) PRE (R082138 R083104 R084794 R086945 R088603 R088796 R089334 R089361 R090186 R091447 R092696 R092771 R092854 R094101 R094686 R095026 R095244 R095454 R095793 R096696 R096857 R096977 R097892 R098297 R098365 R098716 R098795 R098804 R099167 R099320 R099394 R099512 R099645 R099844 S000132 S000168 S000713 S000816 S001069 S001265 S001267 S001489 S001509 S001630 S001735 S001882 S001968 S003858 S003993 S004066 S004082 S004368 S004391 S004444 S004966 S005250 S005264 S005559 S005615 S006348 S006391 S006548 S006599 S006616 S007542 S007748 S007931 S007990 S008791 S008923 S010311 S010482 S010485 S010685 S010890 S011233 S011410 S011904 S012161 S012296 S012318 S012760 S012940 S012947 S014329 S014392 S014515) SUP (AR88603 AR93059 AR94686 AR96977 AR98297 AS07542 AS08092 AS08245 AS08791 AS08923 AS10461 AS11904

Service	Details						
	BR88603	BR89334	BR92696	BS07542	CR99320	RO79659	
	RO81160	RO81855	RO82305	RO85956	RO87515	RO88473	
	RO89210	RO89889	RO90165	RO90626	RO90784	RO91002	
	RO91707	RO92619	RO92967	RO93059	RO93171	RO93757	
	RO94168	RO94913	RO94971	RO95291	RO95428	RO95692	
	RO96103	RO97041	RO97114	RO97257	RO97390	RO97814	
	RO97832	RO97899	RO98051	RO99690	RO99952	S000139	
	S000170	S000250	S000254	S000773	S001085	S001355	
	S001513	S001741	S001788	S003648	S004371	S004851	
	S004881	S004996	S005401	S005801	S005970	S006621	
	S006832	S006929	S006966	S007052	S007261	S007587	
	S007652	S007855	S007913	S008020	S008092	S008200	
	S008205	S008271	S008399	S008490	S008736	S008909	
	S009073	S009634	S010461	S010635	S010845	S010967	
	S011140	S011146	S011311	S011941	S011958	S012039	
	S012408	S012533	S012923	S012989	S013382	S013510	
	S013533	S013700	S013963	ST00032	ST00139	ST00170	
	ST00250	ST00254	ST00773	ST00906	ST01085	ST01273	
	ST01316	ST01354	ST01355	ST01371	ST01375	ST01513	
	ST01642	ST01680	ST01741	ST01788	ST01907	ST01968	
	ST03648	ST03828	ST03830	ST04371	ST04631	ST04670	
	ST04851	ST04881	ST04996	ST05226	ST05401	ST05801	
	ST05878	ST05894	ST05970	ST06031	ST06618	ST06620	
	ST06621	ST06684	ST06832	ST06848	ST06883	ST06887	
	ST06929	ST06966	ST06968	ST06971	ST06989	ST07046	
	ST07052	ST07261	ST07408	ST07562	ST07568	ST07587	
	ST07628	ST07652	ST07654	ST07709	ST07739	ST07748	
	ST07850	ST07855	ST07869	ST07913	ST07931	ST08020	
	ST08092	ST08138	ST08200	ST08205	ST08271	ST08324	
	ST08390	ST08399	ST08490	ST08659	ST08736	ST08844	
	ST08893	ST08909	ST08910	ST09038	ST09073	ST09199	
	ST09634	ST09944	ST10111	ST10387	ST10461	ST10600	
	ST10609	ST10635	ST10845	ST10967	ST11140	ST11146	
	ST11311	ST11378	ST11633	ST11936	ST11941	ST11950	
	ST11958	ST12006	ST12039	ST12117	ST12130	ST12179	
	ST12408	ST12442	ST12533	ST12793	ST12923	ST12989	
	ST13382	ST13510	ST13533	ST13700	ST13963	ST14128	
	ST14730	TR79659	TR81160	TR81855	TR82305	TR85956	
	TR87515	TR88473	TR89210	TR89691	TR89833	TR89889	
	TR90165	TR90186	TR90626	TR90753	TR90784	TR91002	
	TR91707	TR92609	TR92619	TR92967	TR93059	TR93171	
	TR93757	TR94101	TR94168	TR94686	TR94779	TR94913	
	TR94971	TR95109	TR95191	TR95244	TR95291	TR95428	
	TR95692	TR96103	TR97041	TR97068	TR97114	TR97257	
	TR97390	TR97814	TR97832	TR97899	TR98051	TR98062	
	TR98365	TR98715	TR98795	TR98858	TR99033	TR99034	
	TR99543	TR99612	TR99690	TR99952	TR99976	)	
	++HOLD (SO14730) SYSTEM FMID(CAKOG00)						
	REASON (DYNACT) DATE (20254)						
	COMMENT (						
	+-----+						
		CA Top Secret for z/OS			Version 16.0		
	+-----+						
	SEQUENCE After Apply						

Service	Details
	<pre> +-----+-----+ PURPOSE MFA ENHANCEMENT TO ALLOW AUTOMATIC PUSH TO MOBILE DEVICES +-----+-----+ USERS MFA RADIUS_PASSWORD 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 TSS REINIT).</pre>

Service	Details		
SO14769	SO14769 M.C.S. ENTRIES = ++PTF (SO14769) ABEND SOC4 IN TSSASRB+1BC DURING TSSCFIL LARGE DATA PROBLEM DESCRIPTION: After SO14515, ABEND SOC4 can occur in TSSASRB+1BC during a TSSCFIL job which contains large amount of CFIL output data. E.g., TSS WHOHAS FAC(TSO) SYMPTOMS: ABEND SOC4 in TSSASRB+1BC. IMPACT: The ABEND and storage location is isolated to the CFIL batch job address space. CIRCUMVENTION: Run TSS command outside of TSSCFIL. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10418 Copyright (C) 2020 CA. All rights reserved. R01000-TSS160-SP1 DESC(ABEND SOC4 IN TSSASRB+1BC DURING TSSCFIL LARGE DATA). ++VER (Z038) FMID (CAKOG00) PRE (R095454 R099394 S007497 S008054 SO14515) SUP (AS14515 R098852 S005224 ST05224 ST14769 TR98852) ++HOLD (SO14769) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20254) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Correct SOC4 in TSSASRB+1BC USERS TSSCFIL 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 (e.g, F LLA,REFRESH) REINIT TSS (e.g, F TSS,,REINIT)).	CA Top Secret for z/OS	Version 16.0
CA Top Secret for z/OS	Version 16.0		

Service	Details
SO14947	SO14947 M.C.S. ENTRIES = ++PTF (SO14947) UPDATES TO ARCHIVE/MODEL COMMANDS AND PROTECTED ID ENHANCEMENT DESCRIPTION: Updates to the TSS Archive, Model, and Protected ID: 1. Add PHRASEONLY attribute. 2. Add MFAPUSH keyword and data value. 3. Revised text for the CREATE command /*NOTE to include phrase and Protected ID. 4. Allow Admin types to have Protected ID on CREATE command. SYMPTOMS: 1-3. Missing ARCHIVE/MODEL information. 4. Protected ID not allowed to be assigned to Admin types (e.g., SCA). IMPACT: 1-3. Missing information when rebuilding an acid with Archive/MODEL commands. 4. Admin type ACIDS not allowed to participate in Protected ID feature. CIRCUMVENTION: Manually add the missing keywords when rebuilding the acid. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10416 Copyright (C) 2020 CA. All rights reserved. R01004-TSS160-SP1 DESC(UPDATES TO ARCHIVE/MODEL COMMANDS AND PROTECTED ID). ++VER (Z038) FMID (CAKOG00) PRE (R082138 R082305 R084794 R086945 R091447 R092696 R094101 R094913 R095291 R095454 R096977 R097114 R097832 R097892 R098051 R098297 R098716 R099320 R099394 R099690 S000132 S000816 S001069 S001267 S001630 S001735 S001788 S001882 S004066 S004082 S004368 S005559 S006391 S006548 S006599 S006621 S006929 S007542 S007913 S008791 S008923 S010461 S010685 S010890 S010967 S011233 S011904 S012318 S012760 S014515 S014730) SUP (AR96977 AS08092 AS08245 AS08791 R079894 R081855 R090165 R091002 R091186 R092619 R092967 R093757 R094718 R095428 R096103 R097041 S000139 S001355 S003659 S004881 S007261 S007587 S008092 S008200 S008271 S008909 S009073 S009634 S010635 S011146 S011958 S013533 S013700 ST00139 ST01355 ST03659 ST04631 ST04881 ST06883 ST06971 ST07046 ST07261 ST07587 ST07709 ST08092 ST08138 ST08200 ST08271 ST08659 ST08844 ST08893 ST08909 ST09073 ST09199 ST09634 ST10600 ST10635 ST11146 ST11958 ST12006 ST13533 ST13700 ST14812 ST14947 TR79894 TR81855 TR89833 TR90165 TR91002 TR91186 TR91840 TR92609 TR92619 TR92967 TR93757 TR94101 TR94718 TR94779 TR95109 TR95291 TR95428 TR96103 TR97041 TR98858 TR99033 TR99034 TR99543) ++HOLD (SO14947) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20273) COMMENT (

Service	Details	
	<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Updates to ARCHIVE, MODEL, and PROTECTED ID +-----+ USERS Users of ARCHIVE, MODEL commands and PROTECTED ID AFFECTED +-----+ KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration +-----+ ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** 1. Refresh LLA (e.g., F LLA,REFRESH) 2. REINIT TSS (e.g., S TSS,,,REINIT)). MCS S013289 STARTS ON PAGE 0002 MCS S013550 STARTS ON PAGE 0003 MCS S014340 STARTS ON PAGE 0005 MCS S014341 STARTS ON PAGE 0006 MCS S014444 STARTS ON PAGE 0008 MCS S014515 STARTS ON PAGE 0009 MCS S014521 STARTS ON PAGE 0013 MCS S014730 STARTS ON PAGE 0014 MCS S014769 STARTS ON PAGE 0017 MCS S014947 STARTS ON PAGE 0018 </pre>	

CA Top Secret Security for z/OS 16.0
CA RS 2010 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2010 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
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
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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
	R087875	CAKOG00
	R087826	CAKOG00
CAR1602	R087827	CAKOG00
	R087738	CAKOG00
	R087735	CAKOG00
	R086945	CAKOG00
	R086559	CAKOG00
	R086552	CAKOG00
	R086294	CAKOG00
	R085890	CAKOG00