

CA Top Secret Security for z/OS 16.0
CA RS 2007 Service List

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Service	Description	Type
R085669	CICS: TSLK RECEIVES EITHER AEIP OR LOK4 ABEND	PTF
S009836	CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS	PTF
S010618	CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS	PTF
S012332	IMPLEMENT R_DATALIB CERTIFICATE I/O CACHE	PTF
S012413	SOC1 ABEND WHEN EXPORTING PKCS12 CERTIFICATE PACKAGE	PTF
S012830	WITH XPCT=NO & CICS TS 5.5, QUERY SECURITY CALLS ARE DRIVEN	PTF
S013060	SP241 KEY3 STORAGE DEADMAIN ON DELETE OF ACID WITH CERTS	PTF
S013311	RECOVERY ROUTINE CAUSES STORAGE DEADMAIN ON FAILED FASTAUTH	PTF
S013382	R_ADMIN LIST() DATA(MFA) RESULTS IN MULTIPLE 5204 RECORDS	PTF
S013389	SOC4 ABEND AT TSSWRAUD+3354	PTF
S013510	TSSCFILE LIST(AUDIT) RESULTS IN 'UNKNOWN DATA ENCOUNTERED'	PTF
S013533	FOR/UNTIL KEYWORDS INVALID FOR BYPASS ATTRIBUTES	PTF
S013600	QUERY SECURITY WITH AN UNDEFINED USERID IS SUCCESSFUL	PTF
The CA RS 2007 service count for this release is 13		

CA Top Secret Security for z/OS
CA RS 2007 Service List for CAKOG00

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FMID	Service	Description	Type
CAKOG00	SO10618	CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS	PTF
	SO12332	IMPLEMENT R_DATALIB CERTIFICATE I/O CACHE	PTF
	SO12413	SOC1 ABEND WHEN EXPORTING PKCS12 CERTIFICATE PACKAGE	PTF
	SO13060	SP241 KEY3 STORAGE DEADMAIN ON DELETE OF ACID WITH CERTS	PTF
	SO13311	RECOVERY ROUTINE CAUSES STORAGE DEADMAIN ON FAILED FASTAUTH	PTF
	SO13382	R_ADMIN LIST() DATA(MFA) RESULTS IN MULTIPLE 5204 RECORDS	PTF
	SO13389	SOC4 ABEND AT TSSWRAUD+3354	PTF
	SO13510	TSSCFIL LIST(AUDIT) RESULTS IN 'UNKNOWN DATA ENCOUNTERED'	PTF
	SO13533	FOR/UNTIL KEYWORDS INVALID FOR BYPASS ATTRIBUTES	PTF
The CA RS 2007 service count for this FMID is 9			

CA Top Secret Security for z/OS
CA RS 2007 Service List for CAKOG01

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FMID	Service	Description	Type
CAKOG01	RO85669	CICS: TSLK RECEIVES EITHER AEIP OR LOK4 ABEND	PTF
	S009836	CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS	PTF
	SO12830	WITH XPCT=NO & CICS TS 5.5, QUERY SECURITY CALLS ARE DRIVEN	PTF
	SO13600	QUERY SECURITY WITH AN UNDEFINED USERID IS SUCCESSFUL	PTF
The CA RS 2007 service count for this FMID is 4			

Service	Details
R085669	R085669 M.C.S. ENTRIES = ++PTF (R085669) The following items are included in this solution: 1. CICS: TSLK RECEIVES EITHER AEIP OR LOK4 ABEND 2. CICS 32K TIOASIZE CAUSES LOK4 ABENDS IN CAKSLOCK ===== CICS: TSLK RECEIVES EITHER AEIP OR LOK4 ABEND PROBLEM DESCRIPTION: An AEIP / LOK4 Abend may occur in the TSLK transaction while processing an IDLE time password verification prompt. This may occur if a terminal error is received. SYMPTOMS: Users may receive AEIP task abends. IMPACT: A CICS user whose terminal is locked mayabend when trying to enter the Password to unlock the terminal. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 9693 ===== CICS 32K TIOASIZE CAUSES LOK4 ABENDS IN CAKSLOCK PROBLEM DESCRIPTION: Clients running with 32K TIOASIZE may experience LOK4 ABENDS when a terminal with that TIOASIZE goes into IDLE/LOCKTIME password prompting. We attempt to preserve the original inbound TIOA image by writing the entire TIOA contents out to a temp-storage queue. The maximum size for a temp-storage record is 32763. This results in a length error when we attempt to write the longer record and CAKSLOCK responds to the length error by issuing a LOK4 ABEND. SYMPTOMS: CICS transaction abends with LOK4. IMPACT: The user needs to sign on to the region again after the transaction dump is taken. CIRCUMVENTION: Sites should run with TIOA sizes of 31K or less. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Release 16.0 Related Problem: TSSMVS 9694 Copyright (C) 2020 CA. All rights reserved. R00056-TSS160-SP1 DESC(CICS: TSLK RECEIVES EITHER AEIP OR LOK4 ABEND). ++VER (Z038) FMID (CAKOG01) SUP (TR85669) ++HOLD (R085669) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (20153) COMMENT (

Service	Details
	<pre> +-----+ CA Top Secret for z/OS CICS Component Version 16.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Resolve Problems with LOCTIME processing in CICS +-----+ USERS Users suing CICS LOCKTIME feature AFFECTED +-----+ KNOWLEDGE 1- Product Administration REQUIRED 2- SMP/e 3- z/OS Systems Programming 4- Security Administration +-----+ ACCESS SMP/e CSI libraries REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** LLA,REFRESH CEMT SET PROGRAM(CAKSLOCK) NEWCOPY).</pre>

Service	Details
SO09836	SO09836 M.C.S. ENTRIES = ++PTF (SO09836) CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS ENHANCEMENT DESCRIPTION: Product updates are required to support the new release of CICS TS 5.6. * Support APAR for Level: CTS 5.6 GA * In addition to recognizing the new release, The following new Category 1 transaction codes are recognized: CQRC, CJSS If you have implemented FACSTOR at your site, you will need to issue the following. TSS MODIFY FAC(CICSPROD=BYPADD(TRANID=(CQRC))) TSS MODIFY FAC(CICSPROD=BYPADD(TRANID=(CJSS))) SYMPTOMS: Message "TSS6006I - TSS/CICS Security Inactive. : jobname" displays at region startup. IMPACT: You are unable to use the CA Top Secret CICS interface with CICS TS 5.6. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10227 Copyright (C) 2020 CA. All rights reserved. R00782-TSS160-SP1 DESC(CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS). ++VER (Z038) FMID (CAKOG01) PRE (R085964 R087961 R091733 S005546) SUP (ST09836) ++IF FMID(CAKOG00) REQ(S010618) . ++HOLD (SO09836) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (20163) COMMENT (<pre> +-----+ CA Top Secret for z/OS CICS Component Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Enable new code +-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE z/OS Console commands REQUIRED +-----+-----+ ACCESS z/OS Console REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre> *)

Service	Details
	1. Perform an LLA REFRESH (if applicable) 2. Perform an ENF,REFRESH(CAKSCINT) 3. Ensure one of the following ENF SYSMODs are installed: Release 14.1: APAR ST07645 or PTF SO07645 Release 15.0: APAR ST07688 or PTF SO07688 4. Ensure Top Secret PTFs SO09836 & SO10618 are installed 5. Recycle the CICS TS region.).

Service	Details
SO10618	SO10618 M.C.S. ENTRIES = ++PTF (SO10618) CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS ENHANCEMENT DESCRIPTION: Product updates are required to support the new release of CICS TS 5.6. * Support APAR for Level: CTS 5.6 GA * In addition to recognizing the new release, The following new Category 1 transaction codes are recognized: CQRC, CJSS If you have implemented FACSTOR at your site, you will need to issue the following. TSS MODIFY FAC(CICSPROD=BYPADD(TRANID=(CQRC))) TSS MODIFY FAC(CICSPROD=BYPADD(TRANID=(CJSS))) SYMPTOMS: Message "TSS6006I - TSS/CICS Security Inactive. : jobname" displays at region startup. IMPACT: You are unable to use the CA Top Secret CICS interface with CICS TS 5.6. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10227 Copyright (C) 2020 CA. All rights reserved. R00782-TSS160-SP1 DESC(CICS: SUPPORT CICS TS (CTS) REL 5.6 FOR Z/OS). ++VER (Z038) FMID (CAKOG00) PRE (R094015 S005545) SUP (R079805 S004682 ST04682 ST10618 TR79805 TR87654 TR87710 TR99068) ++IF FMID(CAKOG01) REQ(S009836) . ++HOLD (SO10618) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20163) COMMENT (CA Top Secret for z/OS Version 16.0 SEQUENCE After Apply PURPOSE Support CICS TS Rel 5.6 USERS All users AFFECTED KNOWLEDGE 1. Console commands REQUIRED 2. Top Secret administration ACCESS 1. Console authority REQUIRED 2. TSS administrative authority ***** * STEPS TO PERFORM *

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

Service	Details
S012332	S012332 M.C.S. ENTRIES = ++PTF (S012332) IMPLEMENT R_DATALIB CERTIFICATE I/O CACHE ENHANCEMENT DESCRIPTION: This feature implements a new digital certificate CACHE which will eliminate Certificate I/O on R_Datalib DataGetFirst/DataGetNext calls. Certificates will be retrieved from storage. PRODUCT(S) AFFECTED: CA-Top Secret Version 16.0 Related Problem: TSSMVS 10365 Copyright (C) 2020 CA. All rights reserved. R00893-TSS160-SP1 DESC(IMPLEMENT R_DATALIB CERTIFICATE I/O CACHE). ++VER (Z038) FMID (CAKOG00) PRE (R095981 S006741 S007161 S010685) SUP (R094537 ST12332 TR94537) ++HOLD (S012332) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20174) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Implement Digital Certificate cache +-----+-----+ USERS All AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED +-----+-----+ ACCESS 1. Console authority REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** LLA Refresh (F LLA,REFRESH) Reinit TSS (S TSS,,REINIT) Refresh SAF (F TSS,REFRESH(SAFCRTBU))). </pre>

Service	Details
SO12413	SO12413 M.C.S. ENTRIES = ++PTF (SO12413) SOC1 ABEND WHEN EXPORTING PKCS12 CERTIFICATE PACKAGE PROBLEM DESCRIPTION: Exporting a digital certificate PKCS12 package may cause an overlay in module TSSAUTHP. SYMPTOMS: SOC1 abend in TSSAUTHP. EXPORT command fails. IMPACT: After the overlay, all subsequent EXPORT commands will fail with SOC1 abend. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10360 Copyright (C) 2020 CA. All rights reserved. R00896-TSS160-SP1 DESC(SOC1 ABEND WHEN EXPORTING PKCS12 CERTIFICATE PACKAGE). ++VER (Z038) FMID (CAKOG00) SUP (AS09774 AS10383 S008188 S009774 S010383 S010745 ST08188 ST09774 ST10383 ST10745 ST12413) ++HOLD (SO12413) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20175) COMMENT (<pre> +-----+ CA Top Secret for z/OS Version 16.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Prevent TSSAUTHP overlay on EXPORT command +-----+-----+ USERS All AFFECTED +-----+-----+ KNOWLEDGE 1. Console commands REQUIRED +-----+-----+ ACCESS 1. Console authority REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** LLA REFRESH and restart CA Top Secret with TSS,,,REINIT).</pre>

Service	Details
SO12830	SO12830 M.C.S. ENTRIES = ++PTF (SO12830) WITH XPCT=NO & CICS TS 5.5, QUERY SECURITY CALLS ARE DRIVEN PROBLEM DESCRIPTION: An EXEC CICS QUERY SECURITY RESTYPE(TRANSACTION) RESID('yyyy') command under CICS TS 5.5 will result in a security call being driven, even though XPCT=NO is set in the CA Top Secret facility matrix. This fix will also ensure that if any XPARMS in the CA Top Secret facility matrix are set to NO, CA Top Secret will not drive a security call for an EXEC CICS QUERY SECURITY RESTYPE command. This maintenance includes support to improve CICS terminal logon performance for CICS TS 5.5. For CICS TS 5.4 and below, the improvements are included with fixes SO10485 and SO10486. SYMPTOMS: EXEC CICS QUERY SECURITY call is driven although XPCT=NO is set. IMPACT: EXEC CICS QUERY SECURITY response codes may contain a non-authorized value. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10377 Copyright (C) 2020 CA. All rights reserved. R00910-TSS160-SP1 DESC(WITH XPCT=NO & CICS TS 5.5, QUERY SECURITY CALLS ARE DRIVEN). ++VER (Z038) FMID (CAKOG01) PRE (R080996 R090979 S005546 S006885 S007159) SUP (S009909 S011115 ST08033 ST08638 ST09881 ST09909 ST11115 ST12830) ++HOLD (SO12830) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (20141) COMMENT (<pre> +-----+ CA Top Secret for z/OS CICS Component 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 * ***** </pre> *****

Service	Details
	1. LLA REFRESH and recycle cics) .

Service	Details		
SO13060	SO13060 M.C.S. ENTRIES = ++PTF (SO13060) SP241 KEY3 STORAGE DEADMAIN ON DELETE OF ACID WITH CERTS PROBLEM DESCRIPTION: When an ACID with attached certificates is deleted CA Top Secret will leave storage in Subpool 241, Key 3. The storage left will consist of one 4k buffer and 1 smaller buffer. SYMPTOMS: CCSR010E TSSSF S878 at 14775A42 LMOD TSSMNGR4 CSECT TSSSFSC +016F92 COMPON=VSM,COMPID=SC1CH,ISSUER=IGVVSERR,OUT_OF_CSA IMPACT: The storage areas may lead to fragmentation of ECSA which may cause undesired results including an IPL if ECSA becomes exhausted. CIRCUMVENTION: Remove certificates prior to deleting ACIDs. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10380 Copyright (C) 2020 CA. All rights reserved. R00924-TSS160-SP1 DESC (SP241 KEY3 STORAGE DEADMAIN ON DELETE OF ACID WITH CERTS) . ++VER (Z038) FMID (CAKOG00) PRE (S004368 S007161 S007497 S008923 S010685) SUP (ST13060 TR91287) ++HOLD (SO13060) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20133) COMMENT (<table border="1"> <tr> <td>CA Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> SEQUENCE After Apply PURPOSE Activate changes without IPL USERS All sites deleting ACIDs with attached certificates 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).	CA Top Secret for z/OS	Version 16.0
CA Top Secret for z/OS	Version 16.0		

Service	Details		
SO13311	SO13311 M.C.S. ENTRIES = ++PTF (SO13311)		
	RECOVERY ROUTINE CAUSES STORAGE DEADMAIN ON FAILED FASTAUTH		
	PROBLEM DESCRIPTION:		
	Any abend in FASTAUTH processing can lead to a sizable private area storage leak in subpool 230, key 3 in the address space that issued the security check.		
	SYMPTOMS:		
	Storage growth in subpool 230, key 3.		
	IMPACT:		
	Repeated abends could cause storage shortages, which could lead to unpredictable results in the address space.		
	CIRCUMVENTION:		
	None.		
	PRODUCT(S) AFFECTED:		
	CA Top Secret for z/OS		Version 16.0
	Related Problem:		
	TSSMVS 10283		
	Copyright (C) 2020 CA. All rights reserved. R00935-TSS160-SP1		
	DESC(RECOVERY ROUTINE CAUSES STORAGE DEADMAIN ON FAILED FASTAUTH).		
	++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)		
SUP (AR87918 AR89334 AR90069 R087875 R088651 R090069			
R091469 R092584 R097567 R099939 S001743 S004540			
S007314 S008053 S012436 ST01223 ST01743 ST03679			
ST04540 ST07314 ST08053 ST10940 ST12436 ST13017			
ST13260 ST13311 TR86962 TR87875 TR87890 TR87917			
TR88651 TR88994 TR89004 TR89180 TR89203 TR89665			
TR89888 TR89997 TR90069 TR90317 TR91469 TR92584			
TR97567 TR99939)			
++HOLD (SO13311) SYSTEM FMID(CAKOG00)			
REASON (DYNACT) DATE (20156)			
COMMENT (			
+-----+-----+-----+			
CA Top Secret for z/OS Version 16.0			
+-----+-----+-----+			
SEQUENCE After Apply			
+-----+-----+-----+			
PURPOSE Activate changes without IPL			
+-----+-----+-----+			
USERS All			
AFFECTED			
+-----+-----+-----+			
KNOWLEDGE Console commands			
REQUIRED z/OS Operator Commands			
+-----+-----+-----+			
ACCESS TSS administrative authority			
REQUIRED z/OS Operator command authority			

Service	Details
	<pre>+-----+-----+ ***** * STEPS TO PERFORM * ***** LLA REFRESH and restart CA Top Secret with ,,,REINIT).</pre>

Service	Details
SO13382	SO13382 M.C.S. ENTRIES = ++PTF (SO13382) R_ADMIN LIST() DATA(MFA) RESULTS IN MULTIPLE 5204 RECORDS PROBLEM DESCRIPTION: The R_admin command 'TSS LIST(acid) DATA(MFA)' returns multiple 5204 records. The second 5204 record contains blanks. SYMPTOMS: The R_admin command 'TSS LIST(acid) DATA(MFA)' returns multiple 5204 records. IMPACT: Users of R_admin will not be able to report correctly on MFA data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10387 Copyright (C) 2020 CA. All rights reserved. R00937-TSS160-SP1 DESC(R_ADMIN LIST() DATA(MFA) RESULTS IN MULTIPLE 5204 RECORDS). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R092696 R095026 R095454 R097892 R099320 R099844 S000816 S001069 S001882 S004082 S004371 S004851 S006391 S006621 S006929 S008923 S010685 S012923 S012947) SUP (R081160 R087515 R090626 S011311 S012408 ST10387 ST10609 ST11311 ST12117 ST12408 ST12793 ST13382 TR81160 TR87515 TR90626) ++HOLD (SO13382) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20156) 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)

Service	Details																		
SO13389	SO13389 M.C.S. ENTRIES = ++PTF (SO13389) SOC4 ABEND AT TSSWRAUD+3354 PROBLEM DESCRIPTION: A SOC4 ABEND occurs AT TSSWRAUD+3354, while writing event records to the Audit Tracking File. SYMPTOMS: CCSR010E TSSWRAUD SOC4 AT 31F778AC LMOD TSSMNGR4 CSECT TSSWRAUD +003354 TSS9123A - UNABLE TO OBTAIN AUDIT FILE LOCK IMPACT: Auditing to the CA Top Secret Audit/Tracking File (ATF) stops. SMF recording still continues. CIRCUMVENTION: Restart CA Top Secret to re-enable auditing to the ATF. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 9870 Copyright (C) 2020 CA. All rights reserved. R00938-TSS160-SP1 DESC(SOC4 ABEND AT TSSWRAUD+3354). ++VER (Z038) FMID (CAKOG00) SUP (ST13389 TR92107) ++HOLD (SO13389) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20150) 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>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>1. Console commands</td></tr> <tr> <td>REQUIRED</td><td>2. Top Secret administration</td></tr> <tr> <td>ACCESS</td><td>Console authority</td></tr> <tr> <td>REQUIRED</td><td>TSS administrative authority</td></tr> </table> ***** * STEPS TO PERFORM * ***** LLA REFRESH and restart CA Top Secret with ,,,REINIT).	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	Console authority	REQUIRED	TSS administrative authority
CA Top Secret for z/OS	Version 16.0																		
SEQUENCE	After Apply																		
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AFFECTED																			
KNOWLEDGE	1. Console commands																		
REQUIRED	2. Top Secret administration																		
ACCESS	Console authority																		
REQUIRED	TSS administrative authority																		

Service	Details														
SO13510	SO13510 M.C.S. ENTRIES = ++PTF (SO13510) TSSCFILE LIST(AUDIT) RESULTS IN 'UNKNOWN DATA ENCOUNTERED' PROBLEM DESCRIPTION: When adding the following resources to the AUDIT record TSS ADD(AUDIT) DIRECTRY(AAA) ACCESS(ALL) TSS ADD(AUDIT) DSPACE(BBB) ACCESS(ALL) TSS ADD(AUDIT) VMMACH(C) ACCESS(ALL) And a TSSCFILE job is run with 'TSS LIST(AUDIT)', it results in: *===== TSS LIST(AUDIT) Unknown data encountered on next line for *AUDIT* ACCESS = ALL *===== SYMPTOMS: TSS LIST(AUDIT) produces the following: Unknown data encountered on next line for *AUDIT* ACCESS = ALL IMPACT: TSSCFILE is not reporting resources DIRECTRY, DSPACE, and VMMACH correctly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10391 Copyright (C) 2020 CA. All rights reserved. R00944-TSS160-SP1 DESC(TSSCFILE LIST(AUDIT) RESULTS IN 'UNKNOWN DATA ENCOUNTERED'). ++VER (Z038) FMID (CAKOG00) PRE (R084794 R092696 R095026 R095454 R097892 R099320 R099844 S000816 S001069 S001882 S004082 S004371 S004851 S006391 S006621 S006929 S008923 S010685 S012923 S012947) SUP (R081160 R087515 R090626 S011311 S012408 S013382 ST10387 ST10609 ST11311 ST12117 ST12408 ST12793 ST13382 ST13510 TR81160 TR87515 TR90626) ++HOLD (SO13510) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20175) 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> 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> 1. Console commands</td></tr> <tr> <td> REQUIRED</td><td> 2. Top Secret administration</td></tr> </table> +-----+-----+	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
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														

Service	Details
	ACCESS 1. Console authority REQUIRED 2. TSS administrative authority +-----+ ***** * STEPS TO PERFORM * ***** 1. LLA REFRESH and Rerun TSSCFIL job.) .

Service	Details
SO13533	SO13533 M.C.S. ENTRIES = ++PTF (SO13533) FOR/UNTIL KEYWORDS INVALID FOR BYPASS ATTRIBUTES PROBLEM DESCRIPTION: CA Top Secret attributes NODSNCHK, NOVOLCHK, NORESCHK, NOLCFCHK, NOSUSPEND and NOSUBCHK do not support expiration dates via the FOR or UNTIL keywords. When the TSS ADD or REPLACE command is issued with an expiration date, as in the following command, the ACID itself gets expired according to the FOR/UNTIL specification. After expiration, the ACID will fail at logon or during batch processing. TSS ADD(acid) NOVOLCHK FOR(1) SYMPTOMS: An ACID will expire after the FOR/UNTIL period. IMPACT: ACIDs that have been expired will fail at logon or during batch processing. CIRCUMVENTION: Remove the FOR or UNTIL attribute from the ACID. For example: TSS REM(acid) FOR(1) PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10392 Copyright (C) 2020 CA. All rights reserved. R00945-TSS160-SP1 DESC(FOR/UNTIL KEYWORDS INVALID FOR BYPASS ATTRIBUTES) . ++VER (Z038) FMID (CAKOG00) PRE (R082138 R082305 R084794 R086945 R092696 R094101 R094913 R095291 R095428 R095454 R096977 R097114 R097832 R097892 R098051 R098297 R098716 R099320 R099394 R099690 S000132 S000816 S001069 S001267 S001630 S004066 S004368 S005559 S006391 S006548 S006599 S006621 S006929 S007542 S007913 S008791 S008923 S010461 S010685 S010890 S010967 S011233 S011904 S012318 S012760) SUP (AR96977 AS08092 AS08245 AS08791 R091002 R092619 R092967 R093757 R096103 R097041 S000139 S001355 S004881 S007261 S007587 S008092 S008271 S008909 S009073 S009634 S010635 S011146 S011958 ST00139 ST01355 ST04631 ST04881 ST06883 ST06971 ST07046 ST07261 ST07587 ST07709 ST08092 ST08271 ST08659 ST08844 ST08893 ST08909 ST09073 ST09199 ST09634 ST10600 ST10635 ST11146 ST11958 ST12006 ST13533 TR91002 TR92609 TR92619 TR92967 TR93757 TR94101 TR95109 TR95291 TR96103 TR97041 TR98858 TR99033 TR99034 TR99543) ++HOLD (SO13533) SYSTEM FMID(CAKOG00) REASON (DYNACT) DATE (20177) COMMENT (+-----+ CA Top Secret for z/OS Version 16.0 +-----+ SEQUENCE After Apply

Service	Details
	<pre> +-----+-----+ 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 TSS).</pre>

Service	Details
SO13600	SO13600 M.C.S. ENTRIES = ++PTF (SO13600) QUERY SECURITY WITH AN UNDEFINED USERID IS SUCCESSFUL PROBLEM DESCRIPTION: If an EXEC CICS QUERY SECURITY is driven with an undefined userid such as: EXEC CICS QUERY SECURITY RESTYPE(TRANSACTION) RESID('CEMT') USERID(invalid1) The response codes from the QUERY SECURITY call are NORMAL. For example: QUERY SECURITY RESTYPE(TRANSACTION) USERID(INVALID1) RESID(CEMT) STATUS: COMMAND EXECUTION COMPLETE NAME= EXEC CICS QUERY SECURITY (RESTYPE('TRANSACTION ') RESCLASS() RESIDLENGTH()) RESID('CEMT ' ...) < LOGMESSAGE() LOG NOLOG > < USERID('INVALID1') > < READ(+0000000035) > < UPDATE(+0000000037) > < Control(+0000000056) > < Alter(+0000000052) > RESPONSE: NORMAL EIBRESP=+0000000000 EIBRESP2=+0000000000 The response should be as follows when an invalid userid is used: QUERY SECURITY RESTYPE(TRANSACTION) USERID(INVALID1) RESID(CEMT) STATUS: COMMAND EXECUTION COMPLETE NAME= EXEC CICS Query Security (RESTYPE('TRANSACTION ') RESCLASS() RESIDLENGTH()) RESID('CEMT ' ...) < LOGMESSAGE() LOG NOLOG > < USERID('INVALID1') > < READ(+0000000036) > < UPDATE(+0000000038) > < Control(+0000000057) > < Alter(+0000000053) > RESPONSE: USERIDERR EIBRESP=+0000000069 EIBRESP2=+0000000011 SYMPTOMS: Response codes for EXEC CICS QUERY SECURITY calls with an undefined userid are NORMAL. IMPACT: An application issuing an EXEC CICS QUERY SECURITY call would misinterpret and react differently (and incorrectly) than if non NORMAL response codes were received. EXEC CICS QUERY SECURITY response codes are NORMAL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Top Secret for z/OS Version 16.0 Related Problem: TSSMVS 10394 Copyright (C) 2020 CA. All rights reserved. R00950-TSS160-SP1 DESC(QUERY SECURITY WITH AN UNDEFINED USERID IS SUCCESSFUL). ++VER (Z038) FMID (CAKOG01) PRE (R080996 R090979 S006885 S007159 S012830) SUP (S009909 S011115 ST08033 ST08638 ST09881 ST09909 ST11115 ST13600)

Service	Details
	<pre> ++HOLD (SO13600) SYSTEM FMID(CAKOG01) REASON (DYNACT) DATE (20170) COMMENT (+-----+ CA Top Secret for z/OS CICS Component 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 recycle cics). MCS SO09836 STARTS ON PAGE 0004 MCS SO10618 STARTS ON PAGE 0007 MCS SO12332 STARTS ON PAGE 0008 MCS SO12413 STARTS ON PAGE 0010 MCS SO12830 STARTS ON PAGE 0011 MCS SO13060 STARTS ON PAGE 0012 MCS SO13311 STARTS ON PAGE 0013 MCS SO13382 STARTS ON PAGE 0015 MCS SO13389 STARTS ON PAGE 0016 MCS SO13510 STARTS ON PAGE 0017 MCS SO13533 STARTS ON PAGE 0019 MCS SO13600 STARTS ON PAGE 0020 </pre>

CA Top Secret Security for z/OS 16.0
CA RS 2007 Product/Component Listing

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Product Family	Product	Release
Security	CA TOP SECRET FOR Z/OS	16.00.00
The CA RS 2007 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	S011907	CAKOG00
	S011904	CAKOG00
	S011889	CAKOG00

CA RS Level	Service	FMID
	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
	S008125	CAKOG00
	S006782	CAKOG00
CAR1908	S009073	CAKOG00

CA RS Level	Service	FMID
	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
	S007161	CAKOG00
	S007159	CAKOG01
	S007137	CAKOG00

CA RS Level	Service	FMID
	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
	S005615	CAKOG00
	S005608	CAKOG00
	S005421	CAKOG00

CA RS Level	Service	FMID
	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
	S003659	CAKOG00
	S001945	CAKOG00
	S001126	CAKOG00

CA RS Level	Service	FMID
	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
	S000262	CAKOG00
	S000254	CAKOG00
	S000250	CAKOG00

CA RS Level	Service	FMID
	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
	R098395	CAKOG00
	R098011	CAKOG00
	R094537	CAKOG00

CA RS Level	Service	FMID
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
	R094015	CAKOG00
	R091735	CAKOG00
	R091733	CAKOG01

CA RS Level	Service	FMID
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
	R095692	CAKOG00
	R095291	CAKOG00
CAR1705	R095244	CAKOG00
	R095201	CAKOG00
	R095061	CAKOG00
	R088301	CAKOG00
	R095026	CAKOG00
CAR1704	R094971	CAKOG00
	R094913	CAKOG00
	R094909	CAKOG00
	R094718	CAKOG00
	R094686	CAKOG00
	R094168	CAKOG00
	R093932	CAKOG00
	R094517	CAKOG00
CAR1703	R094383	CAKOG00
	R094298	CAKOG00
	R094101	CAKOG00
	R093840	CAKOG00
	R093979	CAKOG00
CAR1702	R093757	CAKOG00
	R093744	CAKOG00
	R093398	CAKOG00
	R093171	CAKOG00
CAR1701	R092888	CAKOG00
	R092584	CAKOG00
	R093298	CAKOG00
CAR1612	R093059	CAKOG00
	R092967	CAKOG00
	R092772	CAKOG01
	R092771	CAKOG00
	R092742	CAKOG00

CA RS Level	Service	FMID
	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
	R089888	CAKOG00
	R089682	CAKOG00
	R089668	CAKOG00

CA RS Level	Service	FMID
	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