

CA Top Secret Security for z/OS 16.0  
CA RS 2107 Service List

1

| Service                                             | Description                                                  | Type      |
|-----------------------------------------------------|--------------------------------------------------------------|-----------|
| LU00987                                             | R_ADMIN PERFORMANCE IMPROVEMENTS                             | PTF       |
| LU01183                                             | TSS UNLOCK DOUBLE PROMPT FOR PASSWORD / PHRASE               | PTF       |
| LU01328                                             | CSFKEYS WITH CRITERIA CHECK FAILS WITH MULTIPLE PERMITS      | PTF       |
| LU01345                                             | ACID USE COUNT RESETS TO 0 AFTER 65535 SIGNONS               | PTF       |
| LU01356                                             | TSSSIM ISSUES TSS8375W FOR FACILITY OPENMVS                  | PTF       |
| LU01372                                             | ALTADD DSKEY REMOVAL COMMAND NOT WORKING AFTER S015905       | ** PRP ** |
| LU01395                                             | ABEND OC4 IN VARIOUS TSSKERNL MODULES WITH INSTEXIT ACTIVE   | PTF       |
| LU01558                                             | TSSCFILE REPORT MISSING 3000 TYPE RECORDS FOR PROFILES       | PTF       |
| LU01608                                             | MSG SUPPRESSION STSO FOR TSS7101E NOT WORKING FOR PASSPHRASE | PTF       |
| LU01634                                             | AFTER PTF LU00910, TSO LOGON FAILS WITH MESSAGE TSS7070E     | *HIP/PRP* |
| LU01685                                             | AFTER PTF LU00910, ABEND SOC4 IN TSSKID+1E6 DURING LOGON     | ** PRP ** |
| LU01711                                             | ADD SAMPLE CODE IN TSSINST1 TO HANDLE TXACMODE - MODE TABLE  | PTF       |
| LU01759                                             | CREATE USING COMMAND WITH PASSWORD FAILS AFTER S016294       | ** PRP ** |
| LU01795                                             | ABEND SOC7 IN TSSKID+5ACA DURING TELEVIEW LOGON              | PTF       |
| LU01796                                             | Security or Integrity Problem                                | ** PRP ** |
| The CA RS 2107 service count for this release is 15 |                                                              |           |

CA Top Secret Security for z/OS  
CA RS 2107 Service List for CAKOG00

2

| FMID                                             | Service | Description                                                  | Type      |
|--------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CAKOG00                                          | LU00987 | R_ADMIN PERFORMANCE IMPROVEMENTS                             | PTF       |
|                                                  | LU01328 | CSFKEYS WITH CRITERIA CHECK FAILS WITH MULTIPLE PERMITS      | PTF       |
|                                                  | LU01345 | ACID USE COUNT RESETS TO 0 AFTER 65535 SIGNONS               | PTF       |
|                                                  | LU01356 | TSSSIM ISSUES TSS8375W FOR FACILITY OPENMVS                  | PTF       |
|                                                  | LU01372 | ALTADD DSKEY REMOVAL COMMAND NOT WORKING AFTER S015905       | ** PRP ** |
|                                                  | LU01395 | ABEND OC4 IN VARIOUS TSSKERNL MODULES WITH INSTEXIT ACTIVE   | PTF       |
|                                                  | LU01558 | TSSCFE REPORT MISSING 3000 TYPE RECORDS FOR PROFILES         | PTF       |
|                                                  | LU01608 | MSG SUPPRESSION STSO FOR TSS7101E NOT WORKING FOR PASSPHRASE | PTF       |
|                                                  | LU01634 | AFTER PTF LU00910, TSO LOGON FAILS WITH MESSAGE TSS7070E     | *HIP/PRP* |
|                                                  | LU01685 | AFTER PTF LU00910, ABEND SOC4 IN TSSKID+1E6 DURING LOGON     | ** PRP ** |
|                                                  | LU01711 | ADD SAMPLE CODE IN TSSINST1 TO HANDLE TXACMODE - MODE TABLE  | PTF       |
|                                                  | LU01759 | CREATE USING COMMAND WITH PASSWORD FAILS AFTER S016294       | ** PRP ** |
|                                                  | LU01795 | ABEND SOC7 IN TSSKID+5ACA DURING TELEVIEW LOGON              | PTF       |
|                                                  | LU01796 | Security or Integrity Problem                                | ** PRP ** |
| The CA RS 2107 service count for this FMID is 14 |         |                                                              |           |

CA Top Secret Security for z/OS  
CA RS 2107 Service List for CAKOG01

3

| FMID                                            | Service | Description                                    | Type |
|-------------------------------------------------|---------|------------------------------------------------|------|
| CAKOG01                                         | LU01183 | TSS UNLOCK DOUBLE PROMPT FOR PASSWORD / PHRASE | PTF  |
| The CA RS 2107 service count for this FMID is 1 |         |                                                |      |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| LU00987 | <p>LU00987 M.C.S. ENTRIES = ++PTF (LU00987)</p> <p>R_ADMIN PERFORMANCE IMPROVEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>R_admin processing uses large amounts of private area storage when listing all acids. The storage areas are freed when all processing is complete. This fix frees storage areas after they are no longer needed. This fix also improves performance overhead when working with storage areas.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 10453</p> <p>Copyright (C) 2021 CA. All rights reserved. R01108-TSS160-SP1</p> <p>DESC(R_ADMIN PERFORMANCE IMPROVEMENTS).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( S010757 S012947 )</p> <p>SUP ( LT00394 LT00404 LT00558 LT00928 LT00987 )</p> <p>++HOLD (LU00987) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21141)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS      Version 16.0        +-----+  SEQUENCE   After Apply                                  +-----+  PURPOSE     R_admin performance improvements                      +-----+  USERS       Users of LDAP                                         AFFECTED                                                         +-----+  KNOWLEDGE   z/OS Operator Commands                               REQUIRED                                                         +-----+  ACCESS      z/OS Operator command authority                       REQUIRED                                                         +-----+ ***** * STEPS      TO      PERFORM * ***** 1. LLA,REFRESH 2. S TSS,,REINIT ). </pre> <p>)</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| LU01183 | <p>LU01183 M.C.S. ENTRIES = ++PTF (LU01183)</p> <p>TSS UNLOCK DOUBLE PROMPT FOR PASSWORD / PHRASE</p> <p>PROBLEM DESCRIPTION:</p> <p>TSS UNLOCK transaction in CICS prompts you to enter your password or phrase twice, first to TSS7198A and then to TSS7199A.</p> <p>SYMPTOMS:</p> <p>You are prompted twice for password/phrase to unlock CICS terminal.</p> <p>IMPACT:</p> <p>Prompt for one's password / phrase twice</p> <p>CIRCUMVENTION:</p> <p>Sign off and back on to the terminal.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 13626</p> <p>Copyright (C) 2021 CA. All rights reserved. R01116-TSS160-SP1</p> <p>DESC(TSS UNLOCK DOUBLE PROMPT FOR PASSWORD / PHRASE).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG01)</p> <p>PRE ( R080996 )</p> <p>SUP ( LT00421 LT01183 SO10700 ST10700 )</p> <p>++HOLD (LU01183) SYSTEM FMID(CAKOG01)</p> <p>REASON (DYNACT ) DATE (21168)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS CICS Component      Version 16.0        +-----+-----+  SEQUENCE   After Apply                                       +-----+-----+  PURPOSE    Activate changes without an IPL                                 +-----+-----+  USERS      CICS Regions using TSS LOCK and UNLOCK                          AFFECTED                                                               +-----+-----+  KNOWLEDGE   TSS administrative commands                                      REQUIRED    z/OS Operator commands                                         +-----+-----+  ACCESS     TSS administrative command authority                              REQUIRED    z/OS Operator command authority                                 +-----+-----+ ***** *  STEPS    TO    PERFORM  * ***** 1. LLA REFRESH 2. Recycle the CICS region ).</pre> <p>)</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| LU01328 | <p>LU01328 M.C.S. ENTRIES = ++PTF (LU01328)</p> <p>CSFKEYS WITH CRITERIA CHECK FAILS WITH MULTIPLE PERMITS</p> <p>PROBLEM DESCRIPTION:</p> <p>A resource check for class CSFKEYS that contains CRITERIA input may fail if the user or profile has multiple permissions that match the key being checked. There is no Top Secret violation message or any recording of a violation event in the audit file or SMF.</p> <p>SYMPTOMS:</p> <p>Various applications fail with messages that indicate a return code of 8 caused a failure.</p> <p>IMPACT:</p> <p>Applications that require access to the CSFKEYS resource fail.</p> <p>CIRCUMVENTION:</p> <p>Isolate the required permission and move it higher in the search sequence, i.e., move the permission from an attached profile to the user record.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13714</p> <p>Copyright (C) 2021 CA. All rights reserved. R01120-TSS160-SP1</p> <p>DESC(CSFKEYS WITH CRITERIA CHECK FAILS WITH MULTIPLE PERMITS).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( R097892 R099320 R099484 S004066 S007542 S008125 )</p> <p>SUP ( AR99484 LT01328 R098394 S000861 S011429 ST00861</p> <p>ST06900 ST11429 TR98394 )</p> <p>++HOLD (LU01328) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21152)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS                      Version 16.0        +-----+-----+  SEQUENCE   After Apply                                            +-----+-----+  PURPOSE    Activate changes without an IPL                        +-----+-----+  USERS      Users of pervasive encryption                           AFFECTED                                                             +-----+-----+  KNOWLEDGE  TSS administrative commands                             REQUIRED   z/OS Operator commands                                +-----+-----+  ACCESS     TSS administrative command authority                     REQUIRED   z/OS Operator command authority                        +-----+-----+ ***** * STEPS    TO    PERFORM * ***** 1. LLA REFRESH 2. Restart CA Top Secret with ,,,REINIT ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| LU01345 | <p>LU01345 M.C.S. ENTRIES = ++PTF (LU01345)</p> <p>ACID USE COUNT RESETS TO 0 AFTER 65535 SIGNONS</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Top Secret keeps a use count for each ACID with a maximum value of 65535. Once this max is reached, the count is reset to 0. A value of 0 causes the TSS LIST command to not display the 'last used =' line.</p> <p>SYMPTOMS:</p> <p>The following line is missing from TSS LIST output while the count is 0.</p> <p>LAST USED = mm/dd/yy hh:mm CPU(cccc) FAC(ffffffff) COUNT(nnnnn)</p> <p>IMPACT:</p> <p>Sites monitoring ACID usage based upon the content of this output line may take incorrect actions.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 13731</p> <p>Copyright (C) 2021 CA. All rights reserved. R01126-TSS160-SP1</p> <p>DESC(ACID USE COUNT RESETS TO 0 AFTER 65535 SIGNONS).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( LU00372 LU00482 LU01159 R080127 R082138 R084794<br/>R085310 R086945 R092696 R094913 R095454 R095938<br/>R096225 R096977 R097114 R097892 R098232 R098297<br/>R098361 R098395 R098716 R099167 R099320 R099396<br/>R099512 R099690 S000140 S000816 S001069 S001265<br/>S001285 S001630 S001788 S004066 S005264 S006391<br/>S006621 S006741 S006929 S007542 S007913 S007931<br/>S008923 S010685 S011904 S012318 S014413 S014730<br/>S015715 S015905 S016294 )</p> <p>SUP ( AR93059 AR94686 AS00816 AS07542 AS08923 LT01345<br/>R079659 R079885 R085956 R090186 R091707 R093059<br/>R094686 R095244 R098365 R099952 S000262 S001085<br/>S001689 S005401 S007137 S007748 S007855 S008205<br/>S010845 S011937 S011941 S012989 S013963 S015653<br/>S016316 ST00262 ST01085 ST01689 ST05401 ST06429<br/>ST06618 ST06968 ST06989 ST07137 ST07654 ST07739<br/>ST07748 ST07850 ST07855 ST07931 ST08205 ST08910<br/>ST09038 ST10111 ST10845 ST11936 ST11937 ST11941<br/>ST12838 ST12989 ST13963 ST15441 ST15454 ST15653<br/>ST16169 ST16316 TR79659 TR79885 TR85956 TR90186<br/>TR91707 TR93059 TR94686 TR95112 TR95191 TR95244<br/>TR96281 TR98361 TR98365 TR99952 )</p> <p>++HOLD (LU01345) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21161)</p> <p>COMMENT (</p> <p>+-----+<br/>  CA Top Secret for z/OS <span style="float: right;">Version 16.0</span>  <br/>+-----+<br/> SEQUENCE   After Apply  <br/>+-----+</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | PURPOSE   Activate changes without IPL  <br>+-----+-----+<br> USERS   All  <br> AFFECTED    <br>+-----+-----+<br> KNOWLEDGE   TSS administrative commands z/OS Operator Commands  <br> REQUIRED   z/OS Operator Commands  <br>+-----+-----+<br> ACCESS   TSS administrative command authority  <br> REQUIRED   z/OS Operator command authority  <br>+-----+-----+<br>*****<br>* STEPS TO PERFORM *<br>*****<br>LLA REFRESH and restart CA Top Secret<br>). |

| Service                | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|
| LU01356                | <p>LU01356 M.C.S. ENTRIES = ++PTF (LU01356)</p> <p>TSSSIM ISSUES TSS8375W FOR FACILITY OPENMVS</p> <p>PROBLEM DESCRIPTION:</p> <p>TSSSIM issues message TSS8375W when user specifies facility OPENMVS:</p> <p>EXAMPLE:</p> <pre>//SIM\$\$IN DD * LOGON ACID(USERA) FAC(OPENMVS) Facility OPENMVS is permitted to all ACIDS. SYMPTOMS: The following message is issued and processing continues: 'TSS8375W NOTE: ACID IS NOT AUTHORIZED TO USE THIS FACILITY. IMPACT: TSS8375W message is issued, but there is no impact on processing. CIRCUMVENTION: N / A PRODUCT(S) AFFECTED: CA Top Secret for z/OS Related Problem: TSSMVS 13747 Copyright (C) 2021 CA. All rights reserved. R01127-TSS160-SP1</pre> <p>DESC(TSSSIM ISSUES TSS8375W FOR FACILITY OPENMVS).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( S008125 S015896 )</p> <p>SUP ( LT01356 R094383 S011984 ST11984 TR94275 TR94383 )</p> <p>++HOLD (LU01356) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21168)</p> <p>COMMENT (</p> <table border="1"> <tr> <td>CA Top Secret for z/OS</td><td>Version 16.0</td></tr> </table> <p>SEQUENCE   Before Apply</p> <p>PURPOSE   Load module into LLA and activate</p> <p>USERS   User using TSSSIM</p> <p>AFFECTED  </p> <p>KNOWLEDGE   1. Console commands</p> <p>REQUIRED   2. Top Secret administration</p> <p>ACCESS   1. Console authority</p> <p>REQUIRED   2. TSS administrative authority</p> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>1. LLA REFRESH</p> <p>2. Rerun TSSSIM utility</p> <p>).</p> | CA Top Secret for z/OS | Version 16.0 |
| CA Top Secret for z/OS | Version 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| LU01372 | <p>LU01372 M.C.S. ENTRIES = ++PTF (LU01372)</p> <p>ALTADD DSKEY REMOVAL COMMAND NOT WORKING AFTER S015905</p> <p>PROBLEM DESCRIPTION:</p> <p>The command function ALTADD with the keyword DSKEY() to remove key label information from a data set fails with solution S015905 installed.</p> <p>SYMPTOMS:</p> <p>TSS ALTADD(acid) DSN(dsname) DSKEY()</p> <p>TSS0427E INVALID KEYWORD FOR THIS RESOURCE: DSKEY</p> <p>TSS0301I TSS FUNCTION FAILED, RETURN CODE = 4</p> <p>IMPACT:</p> <p>The inability to remove the key label information means the data set will always be encrypted when created.</p> <p>CIRCUMVENTION:</p> <ol style="list-style-type: none"> <li>1. TSS REV(acid) DSNAME(dsname) for every ACID / profile that has the data set permission.</li> <li>2. TSS REM(dept) DSNAME(dsname) removes the data set ownership</li> <li>3. TSS ADD(dept) DSNAME(dsname) re-add the data set ownership</li> <li>4. TSS PER(acid) DSNAME(dsname) for every ACID / profile that needs the data set permission.</li> </ol> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 13701</p> <p>Copyright (C) 2021 CA. All rights reserved. R01128-TSS160-SP1</p> <p>DESC(ALTADD DSKEY REMOVAL COMMAND NOT WORKING AFTER S015905).<br/>++VER (Z038)<br/>FMID (CAKOG00)<br/>PRE ( LU00372 LU01159 R082138 R082305 R084794 R086945<br/>R092696 R094101 R094913 R095291 R095428 R095454<br/>R096977 R097114 R097832 R097892 R098051 R098297<br/>R098716 R099320 R099394 R099690 S000132 S000816<br/>S001069 S001267 S001630 S004066 S004368 S005559<br/>S006391 S006548 S006599 S006621 S006929 S007542<br/>S007913 S008791 S008923 S010461 S010685 S010890<br/>S010967 S011233 S011904 S012318 S012760 S014515<br/>S014730 S014947 S015625 S015905 S016294 )<br/>SUP ( AR96977 AS08092 AS08245 AS08791 AS15905 LT00418<br/>LT01342 LT01372 LU00418 R091002 R092619 R092967<br/>R093757 R096103 R097041 S000139 S001355 S004881<br/>S007261 S007587 S008092 S008271 S008909 S009073<br/>S009634 S010635 S011146 S011958 S013533 S013700<br/>S015659 ST00139 ST01355 ST04631 ST04881 ST06883<br/>ST06971 ST07046 ST07261 ST07587 ST07709 ST08092<br/>ST08271 ST08659 ST08844 ST08893 ST08909 ST09073<br/>ST09199 ST09634 ST10600 ST10635 ST11146 ST11958<br/>ST12006 ST13533 ST13700 ST15435 ST15659 TR91002<br/>TR92609 TR92619 TR92967 TR93757 TR94101 TR95109<br/>TR95291 TR96103 TR97041 TR98858 TR99033 TR99034<br/>TR99543 )<br/>++HOLD (LU01372) SYSTEM FMID(CAKOG00)<br/>REASON (DYNACT ) DATE (21153)</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|         | <p>COMMENT (</p> <p>+-----+</p> <p>  CA Top Secret for z/OS Version 16.0  </p> <p>+-----+</p> <p> SEQUENCE   After Apply  </p> <p>+-----+</p> <p> PURPOSE   Activate changes without an IPL  </p> <p>+-----+</p> <p> USERS   Users of pervasive encryption  </p> <p> AFFECTED    </p> <p>+-----+</p> <p> KNOWLEDGE   TSS administrative commands  </p> <p> REQUIRED   z/OS Operator commands  </p> <p>+-----+</p> <p> ACCESS   TSS administrative command authority  </p> <p> REQUIRED   z/OS Operator command authority  </p> <p>+-----+</p> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>1. LLA REFRESH</p> <p>2. Restart CA Top Secret with ,,,REINIT</p> <p>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| LU01395 | <p>LU01395 M.C.S. ENTRIES = ++PTF (LU01395)</p> <p>ABEND 0C4 IN VARIOUS TSSKERNL MODULES WITH INSTEXIT ACTIVE</p> <p>PROBLEM DESCRIPTION:</p> <p>Abend 0C4 occurs in various TSSKERNL modules (TSSKID, TSSMFA) due to a storage overlay in the security kernel control block. This overlay occurs only when the installation exit (TSSINSTX) is active and uses more work area storage than is allocated to it.</p> <p>SYMPTOMS:</p> <p>TSS9999E CA-TSS SECURITY SVC ABEND S0C4 IN TSSKERNL+5CC2</p> <p>CCSR010E TSSRSVCS S0C4 at 27DAC44A LMOD TSSKERNL CSECT TSSKID</p> <p>IMPACT:</p> <p>Failures in various security related events such as logon and resource validation prevent users and applications from performing their functions.</p> <p>CIRCUMVENTION:</p> <p>Issue command TSS MODIFY EXIT(OFF) to disable the installation exit. Review the exit code and make changes to use only the storage that is passed as the limited work area.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13784</p> <p>Copyright (C) 2021 CA. All rights reserved. R01129-TSS160-SP1</p> <p>DESC(ABEND 0C4 IN VARIOUS TSSKERNL MODULES WITH INSTEXIT ACTIVE).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( R098984 S004444 S007990 )</p> <p>SUP ( LT01395 R093840 TR93840 )</p> <p>++HOLD (LU01395) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21159)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS                      Version 16.0        +-----+-----+  SEQUENCE   After Apply                                            +-----+-----+  PURPOSE    Activate changes without an IPL                        +-----+-----+  USERS      Users of the installation exit TSSINSTX                 AFFECTED                                                           +-----+-----+  KNOWLEDGE   TSS administrative commands                             REQUIRED    z/OS Operator commands                                +-----+-----+  ACCESS     TSS administrative command authority                     REQUIRED    z/OS Operator command authority                        +-----+-----+ ***** *  STEPS      TO      PERFORM  * ***** 1. LLA REFRESH </pre> |

| Service | Details                                       |
|---------|-----------------------------------------------|
|         | 2. Restart CA Top Secret with ,,,REINIT<br>). |

| Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
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| LU01558                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>LU01558 M.C.S. ENTRIES = ++PTF (LU01558)</p> <p>TSSCFE REPORT MISSING 3000 TYPE RECORDS FOR PROFILES</p> <p>PROBLEM DESCRIPTION:</p> <p>Solution SO12318 removes the PASSWORD display line from any non-user type ACID, such as a profile, as part of the TSS LIST command output. The result is that the TSSCFE record type 3000 is no longer generated, because it is based on the PASSWORD display line.</p> <p>SYMPTOMS:</p> <p>The TSSCFE output for a profile does not include the 3000 type record for PASSWORD because that data no longer exists for a profile or department.</p> <p>IMPACT:</p> <p>No abends or failures occur in Top Secret programs, but any application code that is dependent on the 3000 record for a profile or department may be compromised.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 13888</p> <p>Copyright (C) 2021 CA. All rights reserved. R01132-TSS160-SP1</p> <p>DESC(TSSCFE REPORT MISSING 3000 TYPE RECORDS FOR PROFILES).<br/>++VER (Z038)<br/>FMID (CAKOG00)<br/>PRE ( R084794 R089361 R092696 R095454 R096977 R097892<br/>R098297 R099167 S001069 S004371 S004851 S007542<br/>S008791 S010461 S012318 S012923 S014730 S015905<br/>S016294 )<br/>SUP ( LT01558 R097814 S000170 S003648 S016321 ST00170<br/>ST01642 ST03648 ST08324 ST16321 TR97068 TR97814 )<br/>++HOLD (LU01558) SYSTEM FMID(CAKOG00)<br/>REASON (DYNACT ) DATE (21154)<br/>COMMENT (</p> <table border="1"> <tr> <td colspan="2">+-----+<br/>  CA Top Secret for z/OS <span style="float: right;">Version 16.0</span>  <br/>+-----+<br/> SEQUENCE   After Apply  <br/>+-----+<br/> PURPOSE   Activate changes without an IPL  <br/>+-----+<br/> USERS   All users  <br/> AFFECTED    <br/>+-----+<br/> KNOWLEDGE   TSS administrative commands  <br/> REQUIRED   z/OS Operator commands  <br/>+-----+<br/> ACCESS   TSS administrative command authority  <br/> REQUIRED   z/OS Operator command authority  <br/>+-----+</td></tr> </table> <p>*****<br/>* STEPS TO PERFORM *</p> | +-----+<br>  CA Top Secret for z/OS <span style="float: right;">Version 16.0</span>  <br>+-----+<br> SEQUENCE   After Apply  <br>+-----+<br> PURPOSE   Activate changes without an IPL  <br>+-----+<br> USERS   All users  <br> AFFECTED    <br>+-----+<br> KNOWLEDGE   TSS administrative commands  <br> REQUIRED   z/OS Operator commands  <br>+-----+<br> ACCESS   TSS administrative command authority  <br> REQUIRED   z/OS Operator command authority  <br>+-----+ |  |
| +-----+<br>  CA Top Secret for z/OS <span style="float: right;">Version 16.0</span>  <br>+-----+<br> SEQUENCE   After Apply  <br>+-----+<br> PURPOSE   Activate changes without an IPL  <br>+-----+<br> USERS   All users  <br> AFFECTED    <br>+-----+<br> KNOWLEDGE   TSS administrative commands  <br> REQUIRED   z/OS Operator commands  <br>+-----+<br> ACCESS   TSS administrative command authority  <br> REQUIRED   z/OS Operator command authority  <br>+-----+ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |

| Service | Details                                                                   |
|---------|---------------------------------------------------------------------------|
|         | *****<br>1. LLA REFRESH<br>2. Restart CA Top Secret with ,,,REINIT<br>) . |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01608 | <p>LU01608 M.C.S. ENTRIES = ++PTF (LU01608)</p> <p>MSG SUPPRESSION STSO FOR TSS7101E NOT WORKING FOR PASSPHRASE</p> <p>PROBLEM DESCRIPTION:</p> <p>Message suppression STSO for TSS7101E does not work for passphrase message.</p> <p>SYMPTOMS:</p> <p>Passphrase message TSS7101E still displays.</p> <p>IMPACT:</p> <p>TSS MODI MSG(7101,STSO) not working for passphrases.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13822</p> <p>Copyright (C) 2021 CA. All rights reserved. R01135-TSS160-SP1</p> <p>DESC(MSG SUPPRESSION STSO FOR TSS7101E NOT WORKING FOR PASSPHRASE).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( R088415 R089334 R092696 R095026 R095793 R097892<br/>R098297 R099287 R099320 S007485 S008881 S014329<br/>S016294 )</p> <p>SUP ( BR98297 LT00398 LT01608 R099610 S000279 ST00279<br/>TR99137 TR99286 TR99287 TR99388 TR99610 )</p> <p>++HOLD (LU01608) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21161)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS                      Version 16.0        +-----+-----+  SEQUENCE   After Apply                                           +-----+-----+  PURPOSE    Allow certain passphrase messages to be suppressed.        +-----+-----+  USERS      Passphrase users.                                            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 Reinit Top Secret ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
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| LU01634 | <div>M.C.S. ENTRIES = ++PTF (LU01634)</div> <div>AFTER PTF LU00910, TSO LOGON FAILS WITH MESSAGE TSS7070E<br/>PROBLEM DESCRIPTION:<br/>After PTF LU00910, TSO logon fails for acids beginning with "\$" or "&amp;" with the following message: TSS7070E IDT processing error: Specified user not valid for IDT.<br/>SYMPTOMS:<br/>TSO logon fails with DRC 226 for user IDs that begin with the character "\$" or "&amp;". Example: \$2020AVA<br/>IMPACT:<br/>Not able to logon to TSO for user IDs that begin with a character less than X'5C'. For example: "\$" (X'5B').<br/>CIRCUMVENTION:<br/>None.<br/>PRODUCT(S) AFFECTED:<br/>CA Top Secret for z/OS Version 16.0<br/>Related Problem:<br/>TSSMVS 13940<br/>Copyright (C) 2021 CA. All rights reserved. R01136-TSS160-SP1</div> <div>DESC(AFTER PTF LU00910, TSO LOGON FAILS WITH MESSAGE TSS7070E).<br/>++VER (Z038)<br/>FMID (CAKOG00)<br/><br/>PRE ( LU00512 LU00747 LU00809 LU00910 R083104 R084794<br/>R086945 R087918 R089203 R089334 R089888 R090317<br/>R091603 R096857 R097892 R098297 R098395 R099091<br/>R099320 R099484 S000713 S001489 S001509 S001630<br/>S003993 S004391 S005264 S006599 S007485 S007990<br/>S012940 S014000 S014392 S014413 S014515 S015439<br/>S015896 S016019 S016134 S016290 S016294 )<br/>SUP ( AL00910 AR87918 AR89334 AR90069 AS13895 AS15439<br/>LT01634 R087875 R088651 R090069 R091469 R092584<br/>R097567 R099939 S001743 S004540 S007314 S008053<br/>S012436 S013311 S013895 S015261 S015753 ST01223<br/>ST01743 ST03679 ST04540 ST07314 ST08053 ST10940<br/>ST12436 ST13017 ST13260 ST13311 ST13712 ST13796<br/>ST13804 ST13815 ST13895 ST14000 ST15261 ST15753<br/>TR86962 TR87875 TR87890 TR87917 TR88651 TR88994<br/>TR89004 TR89180 TR89203 TR89665 TR89888 TR89997<br/>TR90069 TR90317 TR91469 TR92584 TR97567 TR99939 )<br/>++HOLD (LU01634) SYSTEM FMID(CAKOG00)<br/>REASON (DYNACT ) DATE (21161)<br/>COMMENT (<br/>+-----+<br/>  CA Top Secret for z/OS Version 16.0  <br/>+-----+<br/> SEQUENCE   After Apply  <br/>+-----+<br/> PURPOSE   Correct TSO logon issue with IDT feature  <br/>+-----+<br/> USERS   TSO users  <br/> AFFECTED    <br/>+-----+</div> |  |  |  |  |  |  |

| Service | Details                                    |
|---------|--------------------------------------------|
|         | KNOWLEDGE   1. Console commands            |
|         | REQUIRED   2. Top Secret administration    |
|         | +-----+-----+                              |
|         | ACCESS   1. Console authority              |
|         | REQUIRED   2. TSS administrative authority |
|         | +-----+-----+                              |
|         | *****                                      |
|         | * STEPS TO PERFORM *                       |
|         | *****                                      |
|         | Refresh LLA and REINIT TSS                 |
|         | ) .                                        |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01685 | <p>LU01685 M.C.S. ENTRIES = ++PTF (LU01685)</p> <p>AFTER PTF LU00910, ABEND SOC4 IN TSSKID+1E6 DURING LOGON</p> <p>PROBLEM DESCRIPTION:</p> <p>After PTF LU00910, ABEND SOC4 in TSSKID+1E6 during logon may occur.</p> <p>SYMPTOMS:</p> <p>TSS9999E CA-TSS SECURITY SVC ABEND SOC4 IN TSSKERNL+3136E</p> <p>CCSR010E TSSRSVCS SOC4 at 136C3966 LMOD TSSKERNL CSECT TSSKID +0001E6</p> <p>IMPACT:</p> <p>Affects logon processing. Products such as IBM CL/SuperSession for z/OS and Omegamon for MVS are impacted.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS <span style="float: right;">Version 16.0</span></p> <p>Related Problem:</p> <p>TSSMVS 13980</p> <p>Copyright (C) 2021 CA. All rights reserved. R01138-TSS160-SP1</p> <p>DESC(AFTER PTF LU00910, ABEND SOC4 IN TSSKID+1E6 DURING LOGON).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( LU00910 R083104 R084794 R086945 R088603 R088796</p> <p>R089334 R089889 R092696 R092771 R094971 R095793</p> <p>R096696 R096857 R098297 R098795 R098804 R099167</p> <p>R099320 R099512 R099645 S000168 S000713 S001265</p> <p>S001489 S001509 S001630 S001968 S003993 S004066</p> <p>S004391 S004444 S004966 S004996 S005250 S005264</p> <p>S005615 S006391 S006599 S006616 S006832 S006966</p> <p>S007990 S008020 S008490 S010311 S010482 S010485</p> <p>S011410 S012161 S012296 S012318 S012940 S014392</p> <p>S014730 S015439 S015715 S016290 S016294 )</p> <p>SUP ( AR88603 AR98297 AS10311 AS16290 BL00910 BR88603</p> <p>BR89334 LT00817 LT01407 LT01685 LU00817 LU01407</p> <p>R089210 R090784 R094168 R095692 R097390 R097899</p> <p>S000254 S000773 S001513 S001741 S005801 S005970</p> <p>S007052 S007652 S008399 S008736 S011140 S016319</p> <p>ST00032 ST00254 ST00773 ST00906 ST01273 ST01316</p> <p>ST01354 ST01371 ST01375 ST01513 ST01741 ST01968</p> <p>ST03828 ST03830 ST04670 ST05226 ST05801 ST05970</p> <p>ST07052 ST07408 ST07562 ST07568 ST07628 ST07652</p> <p>ST08390 ST08399 ST08736 ST11140 ST11378 ST11410</p> <p>ST11633 ST11950 ST16319 TR89210 TR89691 TR89889</p> <p>TR90753 TR90784 TR94168 TR95692 TR97390 TR97899</p> <p>TR98062 TR98715 TR98795 TR99976 )</p> <p>++HOLD (LU01685) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21168)</p> <p>COMMENT (</p> <p>+-----+</p> <p>  CA Top Secret for z/OS <span style="float: right;">Version 16.0</span>  </p> <p>+-----+</p> <p> SEQUENCE   After Apply  </p> <p>+-----+</p> <p> PURPOSE   Correct SOC4 during TSO logons  </p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre> +-----+-----+  USERS     TSO 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| LU01711 | <p>LU01711 M.C.S. ENTRIES = ++PTF (LU01711)</p> <p>ADD SAMPLE CODE IN TSSINST1 TO HANDLE TXACMODE - MODE TABLE</p> <p>PROBLEM DESCRIPTION:</p> <p>This fix adds sample code in TSSINST1 at the COMMAND exit point to handle TXACMODE - MODE TABLE.</p> <p>SYMPTOMS:</p> <p>Current example is not sufficient to handle TXACMODE.</p> <p>IMPACT:</p> <p>Current example is not sufficient to handle TXACMODE.</p> <p>CIRCUMVENTION:</p> <p>NONE</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13991</p> <p>Copyright (C) 2021 CA. All rights reserved. R01142-TSS160-SP1</p> <p>DESC(ADD SAMPLE CODE IN TSSINST1 TO HANDLE TXACMODE - MODE TABLE).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( S004964 )</p> <p>SUP ( LT01711 )</p> <p>++HOLD (LU01711) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21165)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS                      Version 16.0        +-----+-----+  SEQUENCE   After Apply                                            +-----+-----+  PURPOSE    Add sample code in TSSINST1 for the COMMAND exit point   +-----+-----+  USERS      Any users that need to code the COMMAND exit point       AFFECTED                                                             +-----+-----+  KNOWLEDGE  1. Console commands                                     REQUIRED   2. Top Secret administation                               +-----+-----+  ACCESS     1. Console authority                                       REQUIRED   2. TSS adminstration authority                            +-----+-----+ ***** * STEPS    TO    PERFORM * ***** None ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| LU01759 | <p>LU01759 M.C.S. ENTRIES = ++PTF (LU01759)</p> <p>CREATE USING COMMAND WITH PASSWORD FAILS AFTER S016294</p> <p>PROBLEM DESCRIPTION:</p> <p>A CREATE USING command that includes the PASSWORD operand to add a password to the new user does not function correctly with solution S016294 applied. The password field is left empty. The failure only occurs with non-AES encrypted passwords.</p> <p>SYMPTOMS:</p> <p>The command completes successfully, but a LIST of the ACID displays the PASSWORD field as '*NONE*', and any attempt to logon the user with any password fails.</p> <p>IMPACT:</p> <p>The new user is unable to logon to any application, and there may be problems adding a new password to the user based on other field content, including Kerberos related fields.</p> <p>CIRCUMVENTION:</p> <p>Issue the CREATE USING command without a PASSWORD operand, and then issue an ADD or REPLACE command to change the PASSWORD.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13990</p> <p>Copyright (C) 2021 CA. All rights reserved. R01145-TSS160-SP1</p> <p>DESC (CREATE USING COMMAND WITH PASSWORD FAILS AFTER S016294) .</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( LU00372 LU00482 LU01159 LU01345 R082138 R084794</p> <p>R085310 R086945 R090186 R092696 R094686 R094913</p> <p>R095244 R095454 R095938 R096977 R097114 R097892</p> <p>R098297 R098361 R098365 R098716 R099167 R099320</p> <p>R099396 R099512 R099690 S000140 S000262 S000816</p> <p>S001069 S001265 S001285 S001630 S001689 S001788</p> <p>S004066 S005264 S006391 S006621 S006741 S006929</p> <p>S007542 S007748 S007913 S007931 S008923 S010685</p> <p>S011904 S012318 S014413 S014730 S015715 S015905</p> <p>S016294 )</p> <p>SUP ( AR93059 AR94686 AS07542 AS08923 BS16294 LT01686</p> <p>LT01703 LT01713 LT01759 R079659 R079885 R085956</p> <p>R091707 R093059 R099952 S001085 S005401 S007137</p> <p>S007855 S008205 S010845 S011937</p> <p>S011941 S012989 S013963 S015653 S016316 ST01085</p> <p>ST05401 ST06429 ST06618 ST06968 ST06989 ST07137</p> <p>ST07654 ST07739 ST07748 ST07850 ST07855 ST07931</p> <p>ST08205 ST08910 ST09038 ST10111 ST10845 ST11936</p> <p>ST11937 ST11941 ST12838 ST12989 ST13963 ST15441</p> <p>ST15454 ST15653 ST16169 ST16316 TR79659 TR79885</p> <p>TR85956 TR90186 TR91707 TR93059 TR94686 TR95112</p> <p>TR95191 TR95244 TR96281 TR98365 TR99952 )</p> <p>++HOLD (LU01759) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21174)</p> <p>COMMENT (</p> <p>+-----+</p> |

| Service | Details                                 |                                      |  |
|---------|-----------------------------------------|--------------------------------------|--|
|         |                                         | CA Top Secret for z/OS               |  |
|         |                                         | Version 16.0                         |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | SEQUENCE                                | After Apply                          |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | PURPOSE                                 | Activate changes without an IPL      |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | USERS                                   | All users                            |  |
|         | AFFECTED                                |                                      |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | KNOWLEDGE                               | TSS administrative commands          |  |
|         | REQUIRED                                | z/OS Operator commands               |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | ACCESS                                  | TSS administrative command authority |  |
|         | REQUIRED                                | z/OS Operator command authority      |  |
|         | +-----+-----+-----+                     |                                      |  |
|         | *****                                   |                                      |  |
|         | * STEPS TO PERFORM *                    |                                      |  |
|         | *****                                   |                                      |  |
|         | 1. LLA REFRESH                          |                                      |  |
|         | 2. Restart CA Top Secret with ,,,REINIT |                                      |  |
|         | ).                                      |                                      |  |

| Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| LU01795                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LU01795 M.C.S. ENTRIES = ++PTF (LU01795)                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+----- |                                                                                                               |  |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01796 | <p>LU01796 M.C.S. ENTRIES = ++PTF (LU01796)</p> <p>Security or Integrity Problem</p> <p>PROBLEM DESCRIPTION:</p> <p>Security or Integrity Problem.</p> <p>SYMPTOMS:</p> <p>N/A</p> <p>IMPACT:</p> <p>Security or Integrity Problem.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Top Secret for z/OS Version 16.0</p> <p>Related Problem:</p> <p>TSSMVS 13807</p> <p>Copyright (C) 2021 CA. All rights reserved. R01148-TSS160-SP1</p> <p>DESC(Security or Integrity Problem).</p> <p>++VER (Z038)</p> <p>FMID (CAKOG00)</p> <p>PRE ( LU00747 R083104 R084794 R088796 R095981 S005264<br/>S012965 S015896 )</p> <p>SUP ( GS15896 LT01796 S007199 ST07199 )</p> <p>++HOLD (LU01796) SYSTEM FMID(CAKOG00)</p> <p>REASON (DYNACT ) DATE (21181)</p> <p>COMMENT (</p> <pre> +-----+        CA Top Secret for z/OS                      Version 16.0        +-----+  SEQUENCE   After Apply                                       +-----+  PURPOSE    Activate changes without an IPL                                 +-----+  USERS      All users                                                       AFFECTED                                                                +-----+  KNOWLEDGE  TSS administrative commands                                   REQUIRED   z/OS Operator commands                                      +-----+  ACCESS     TSS administrative command authority                           REQUIRED   z/OS Operator command authority                              +-----+ ***** * STEPS   TO    PERFORM * ***** 1. LLA REFRESH 2. Restart CA Top Secret with ,,,REINIT 3. F TSS,REFRESH(SAFRT100) ). MCS          LU00987          STARTS ON PAGE 0002 MCS          LU01183          STARTS ON PAGE 0003 MCS          LU01328          STARTS ON PAGE 0004 MCS          LU01345          STARTS ON PAGE 0005 MCS          LU01356          STARTS ON PAGE 0007 </pre> |

| Service | Details |         |                     |
|---------|---------|---------|---------------------|
|         | MCS     | LU01372 | STARTS ON PAGE 0008 |
|         | MCS     | LU01395 | STARTS ON PAGE 0010 |
|         | MCS     | LU01558 | STARTS ON PAGE 0011 |
|         | MCS     | LU01608 | STARTS ON PAGE 0012 |
|         | MCS     | LU01634 | STARTS ON PAGE 0013 |
|         | MCS     | LU01685 | STARTS ON PAGE 0015 |
|         | MCS     | LU01711 | STARTS ON PAGE 0016 |
|         | MCS     | LU01759 | STARTS ON PAGE 0017 |
|         | MCS     | LU01795 | STARTS ON PAGE 0019 |
|         | MCS     | LU01796 | STARTS ON PAGE 0020 |

CA Top Secret Security for z/OS 16.0  
CA RS 2107 Product/Component Listing

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| Product Family                                               | Product                | Release  |
|--------------------------------------------------------------|------------------------|----------|
| Security                                                     | CA TOP SECRET FOR Z/OS | 16.00.00 |
| The CA RS 2107 Product/Component Count for this release is 1 |                        |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2107     | LU01796 | CAKOG00 |
|             | LU01795 | CAKOG00 |
|             | LU01759 | CAKOG00 |
|             | LU01711 | CAKOG00 |
|             | LU01685 | CAKOG00 |
|             | LU01634 | CAKOG00 |
|             | LU01608 | CAKOG00 |
|             | LU01558 | CAKOG00 |
|             | LU01395 | CAKOG00 |
|             | LU01372 | CAKOG00 |
|             | LU01356 | CAKOG00 |
|             | LU01345 | CAKOG00 |
|             | LU01328 | CAKOG00 |
|             | LU01183 | CAKOG01 |
|             | LU00987 | CAKOG00 |
| 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 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | LU00358 | CAKOG00 |
|             | LU00345 | CAKOG00 |
| CAR2103     | S016321 | CAKOG00 |
|             | S016319 | CAKOG00 |
|             | S016316 | CAKOG00 |
|             | S016312 | CAKOG00 |
|             | S016294 | CAKOG00 |
|             | S016110 | CAKOG00 |
|             | S016021 | CAKOG00 |
| CAR2102     | S016290 | CAKOG00 |
|             | S016134 | CAKOG00 |
|             | S015905 | CAKOG00 |
|             | S015869 | CAKOG00 |
| CAR2101     | S016055 | CAKOG00 |
|             | S016048 | CAKOG00 |
|             | S016019 | CAKOG00 |
|             | S015896 | CAKOG00 |
|             | S015764 | CAKOG00 |
|             | S015753 | CAKOG00 |
|             | S015715 | CAKOG00 |
|             | S015659 | CAKOG00 |
|             | S015653 | CAKOG00 |
|             | S015648 | CAKOG00 |
| CAR2012     | S015625 | CAKOG00 |
|             | S015538 | CAKOG00 |
|             | S015439 | CAKOG00 |
|             | S015401 | CAKOG00 |
|             | S015329 | CAKOG00 |
|             | S015261 | CAKOG00 |
|             | S015188 | CAKOG00 |
|             | S014538 | CAKOG00 |
|             | S013801 | CAKOG00 |
| CAR2011     | S015135 | CAKOG01 |
| CAR2010     | S014947 | CAKOG00 |
|             | S014769 | CAKOG00 |
|             | S014730 | CAKOG00 |
|             | S014521 | CAKOG00 |
|             | S014515 | CAKOG00 |
|             | S014444 | CAKOG00 |
|             | S014341 | CAKOG02 |
|             | S014340 | CAKOG00 |
|             | S013550 | CAKOG00 |
|             | S013289 | CAKOG00 |
| CAR2009     | S014413 | CAKOG00 |
|             | S014396 | CAKOG01 |
|             | S014392 | CAKOG00 |
|             | S014329 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S014291 | CAKOG00 |
|             | S013963 | CAKOG00 |
|             | S013922 | CAKOG00 |
|             | S013595 | CAKOG00 |
|             | S013542 | CAKOG00 |
|             | S013469 | CAKOG00 |
| CAR2008     | S014005 | CAKOG00 |
|             | S014000 | CAKOG00 |
|             | S013895 | CAKOG00 |
|             | S013890 | CAKOG00 |
|             | S013700 | CAKOG00 |
|             | S013405 | CAKOG00 |
| CAR2007     | S013600 | CAKOG01 |
|             | S013533 | CAKOG00 |
|             | S013510 | CAKOG00 |
|             | S013389 | CAKOG00 |
|             | S013382 | CAKOG00 |
|             | S013311 | CAKOG00 |
|             | S013060 | CAKOG00 |
|             | S012830 | CAKOG01 |
|             | S012413 | CAKOG00 |
|             | S012332 | CAKOG00 |
|             | S010618 | CAKOG00 |
|             | S009836 | CAKOG01 |
|             | R085669 | CAKOG01 |
| CAR2006     | S013290 | CAKOG00 |
|             | S013110 | CAKOG00 |
|             | S013099 | CAKOG00 |
|             | S013014 | CAKOG00 |
|             | S012989 | CAKOG00 |
|             | S012965 | CAKOG00 |
|             | S012947 | CAKOG00 |
|             | S012940 | CAKOG00 |
|             | S012931 | CAKOG00 |
|             | S012162 | CAKOG00 |
| CAR2005     | S012923 | CAKOG00 |
|             | S012760 | CAKOG00 |
|             | S012752 | CAKOG00 |
|             | S012533 | CAKOG00 |
|             | S012531 | CAKOG00 |
|             | S012436 | CAKOG00 |
|             | S012319 | CAKOG00 |
|             | S012318 | CAKOG00 |
|             | S012038 | CAKOG00 |
|             | S008772 | CAKOG01 |
| CAR2004     | S012408 | CAKOG00 |
|             | S012296 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S012161 | CAKOG00 |
|             | S012129 | CAKOG00 |
|             | S012118 | CAKOG00 |
|             | S012039 | CAKOG00 |
|             | S011952 | CAKOG02 |
| CAR2003     | S011984 | CAKOG00 |
|             | S011958 | CAKOG00 |
|             | S011941 | CAKOG00 |
|             | S011937 | CAKOG00 |
|             | S011907 | CAKOG00 |
|             | S011904 | CAKOG00 |
|             | S011889 | CAKOG00 |
|             | S011310 | CAKOG00 |
|             | S010757 | CAKOG00 |
| CAR2002     | S011656 | CAKOG00 |
|             | S011504 | CAKOG00 |
|             | S011478 | CAKOG00 |
|             | S011429 | CAKOG00 |
|             | S011410 | CAKOG00 |
|             | S011357 | CAKOG00 |
|             | S011115 | CAKOG01 |
|             | S010700 | CAKOG01 |
| CAR2001     | S011311 | CAKOG00 |
|             | S011307 | CAKOG00 |
|             | S011233 | CAKOG00 |
|             | S011151 | CAKOG00 |
|             | S011146 | CAKOG00 |
|             | S011140 | CAKOG00 |
|             | S011041 | CAKOG00 |
|             | S011001 | CAKOG00 |
|             | S010778 | CAKOG00 |
|             | S010486 | CAKOG01 |
|             | S010485 | CAKOG00 |
| CAR1912     | S010968 | CAKOG00 |
|             | S010967 | CAKOG00 |
|             | S010890 | CAKOG00 |
|             | S010845 | CAKOG00 |
|             | S010823 | CAKOG00 |
|             | S010745 | CAKOG00 |
|             | S010685 | CAKOG00 |
|             | S010635 | CAKOG00 |
|             | S010483 | CAKOG01 |
|             | S010482 | CAKOG00 |
|             | S006017 | CAKOG01 |
| CAR1911     | S010461 | CAKOG00 |
|             | S010383 | CAKOG00 |
|             | S010311 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S009909 | CAKOG01 |
|             | S009529 | CAKOG00 |
|             | S008881 | CAKOG00 |
|             | S008053 | CAKOG00 |
| CAR1910     | S009774 | CAKOG00 |
|             | S009286 | CAKOG00 |
| CAR1909     | S009829 | CAKOG00 |
|             | S009635 | CAKOG00 |
|             | S009634 | CAKOG00 |
|             | S008125 | CAKOG00 |
|             | S006782 | CAKOG00 |
| CAR1908     | S009073 | CAKOG00 |
|             | S008996 | CAKOG01 |
|             | S008736 | CAKOG00 |
|             | S008650 | CAKOG00 |
|             | S008611 | CAKOG00 |
|             | S008343 | CAKOG00 |
| CAR1907     | S008923 | CAKOG00 |
|             | S008909 | CAKOG00 |
|             | S008791 | CAKOG00 |
|             | S008601 | CAKOG00 |
|             | S008490 | CAKOG00 |
|             | S008205 | CAKOG00 |
| CAR1906     | S008399 | CAKOG00 |
|             | S008306 | CAKOG00 |
|             | S008271 | CAKOG00 |
|             | S008245 | CAKOG00 |
|             | S008200 | CAKOG00 |
|             | S008188 | CAKOG00 |
|             | S008182 | CAKOG00 |
|             | S008164 | CAKOG01 |
|             | S008054 | CAKOG00 |
| CAR1905     | S008150 | CAKOG01 |
|             | S008092 | CAKOG00 |
|             | S008024 | CAKOG00 |
|             | S008020 | CAKOG00 |
|             | S007990 | CAKOG00 |
|             | S007966 | CAKOG00 |
|             | S007938 | CAKOG00 |
|             | S007931 | CAKOG00 |
|             | S007913 | CAKOG00 |
|             | S007855 | CAKOG00 |
|             | S007479 | CAKOG01 |
|             | S007478 | CAKOG00 |
|             | S007360 | CAKOG00 |
| CAR1904     | S007748 | CAKOG00 |
|             | S007738 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S007652 | CAKOG00 |
|             | S007587 | CAKOG00 |
|             | S007582 | CAKOG00 |
|             | S007581 | CAKOG00 |
|             | S007547 | CAKOG00 |
|             | S007542 | CAKOG00 |
|             | S007497 | CAKOG00 |
|             | S007485 | CAKOG00 |
|             | S007199 | CAKOG00 |
|             | S007161 | CAKOG00 |
|             | S007159 | CAKOG01 |
|             | S007137 | CAKOG00 |
|             | S006964 | CAKOG00 |
|             | S006888 | CAKOG00 |
| CAR1903     | S007314 | CAKOG00 |
|             | S007261 | CAKOG00 |
|             | S007052 | CAKOG00 |
|             | S006816 | CAKOG00 |
|             | S006813 | CAKOG00 |
| CAR1902     | S007044 | CAKOG00 |
|             | S006966 | CAKOG00 |
|             | S006929 | CAKOG00 |
|             | S006885 | CAKOG01 |
|             | S006832 | CAKOG00 |
|             | S006830 | CAKOG00 |
|             | S006775 | CAKOG00 |
|             | S006741 | CAKOG00 |
|             | S006640 | CAKOG00 |
|             | S006140 | CAKOG00 |
|             | S005824 | CAKOG00 |
|             | S005769 | CAKOG00 |
|             | S005224 | CAKOG00 |
|             | S000395 | CAKOG00 |
|             | S000226 | CAKOG00 |
| CAR1901     | S006621 | CAKOG00 |
|             | S006616 | CAKOG00 |
|             | S006599 | CAKOG00 |
|             | S006548 | CAKOG00 |
|             | S006175 | CAKOG00 |
|             | S005546 | CAKOG01 |
|             | S005545 | CAKOG00 |
|             | R085987 | CAKOG00 |
|             | R083213 | CAKOG00 |
|             | R082305 | CAKOG00 |
|             | R081855 | CAKOG00 |
|             | R081160 | CAKOG00 |
|             | R079885 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1812     | S006391 | CAKOG00 |
|             | S006348 | CAKOG00 |
|             | S005970 | CAKOG00 |
|             | S005587 | CAKOG01 |
|             | S005586 | CAKOG00 |
| CAR1811     | S005859 | CAKOG00 |
|             | S005801 | CAKOG00 |
|             | S005724 | CAKOG00 |
|             | S005697 | CAKOG00 |
|             | S005615 | CAKOG00 |
|             | S005608 | CAKOG00 |
|             | S005421 | CAKOG00 |
|             | S005414 | CAKOG00 |
|             | S005401 | CAKOG00 |
|             | S005128 | CAKOG01 |
|             | S003835 | CAKOG00 |
|             | R098948 | CAKOG00 |
|             | R085956 | CAKOG00 |
|             | R085935 | CAKOG00 |
|             | R082900 | CAKOG00 |
|             | R079659 | CAKOG00 |
| CAR1810     | S005559 | CAKOG00 |
|             | S005489 | CAKOG00 |
|             | S005395 | CAKOG02 |
|             | S005394 | CAKOG00 |
|             | S005264 | CAKOG00 |
|             | S005255 | CAKOG00 |
|             | S005250 | CAKOG00 |
|             | S005230 | CAKOG00 |
|             | S005207 | CAKOG00 |
|             | S004851 | CAKOG00 |
|             | S004682 | CAKOG00 |
|             | S000278 | CAKOG01 |
|             | R098341 | CAKOG00 |
| CAR1809     | S005160 | CAKOG00 |
|             | S005062 | CAKOG00 |
|             | S005028 | CAKOG00 |
|             | S004996 | CAKOG00 |
|             | S004966 | CAKOG00 |
|             | S004964 | CAKOG00 |
|             | S004936 | CAKOG00 |
|             | S004881 | CAKOG00 |
|             | S004576 | CAKOG00 |
|             | S004240 | CAKOG00 |
|             | S004144 | CAKOG00 |
| CAR1808     | S004627 | CAKOG00 |
|             | S004540 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S004444 | CAKOG00 |
|             | S004391 | CAKOG00 |
|             | S004371 | CAKOG00 |
|             | S004368 | CAKOG00 |
|             | S004082 | CAKOG00 |
|             | S004066 | CAKOG00 |
|             | S003961 | CAKOG00 |
|             | S003829 | CAKOG00 |
|             | S003685 | CAKOG00 |
|             | S003659 | CAKOG00 |
|             | S001945 | CAKOG00 |
|             | S001126 | CAKOG00 |
|             | S000242 | CAKOG00 |
| CAR1807     | S004109 | CAKOG00 |
|             | S004024 | CAKOG00 |
|             | S003993 | CAKOG00 |
|             | S003864 | CAKOG00 |
|             | S003858 | CAKOG00 |
|             | S003596 | CAKOG00 |
|             | S001788 | CAKOG00 |
|             | S001743 | CAKOG00 |
|             | S001525 | CAKOG00 |
| CAR1806     | S003648 | CAKOG00 |
|             | S001968 | CAKOG00 |
|             | S001882 | CAKOG00 |
|             | S001741 | CAKOG00 |
|             | S001735 | CAKOG00 |
|             | S001689 | CAKOG00 |
|             | S001631 | CAKOG00 |
|             | S001630 | CAKOG00 |
|             | S001570 | CAKOG00 |
| CAR1805     | S001513 | CAKOG00 |
|             | S001509 | CAKOG00 |
|             | S001489 | CAKOG00 |
|             | S001355 | CAKOG00 |
|             | S001285 | CAKOG00 |
|             | S001267 | CAKOG00 |
|             | S001265 | CAKOG00 |
|             | S001198 | CAKOG00 |
|             | S001008 | CAKOG00 |
|             | S000861 | CAKOG00 |
|             | S000468 | CAKOG00 |
|             | S000279 | CAKOG00 |
|             | R099747 | CAKOG00 |
|             | R098984 | CAKOG00 |
| CAR1804     | S001123 | CAKOG00 |
|             | S001085 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S001069 | CAKOG00 |
|             | S000973 | CAKOG01 |
|             | S000934 | CAKOG00 |
|             | S000816 | CAKOG00 |
|             | S000773 | CAKOG00 |
|             | S000713 | CAKOG00 |
|             | S000316 | CAKOG00 |
| CAR1803     | S000387 | CAKOG00 |
|             | S000365 | CAKOG00 |
|             | S000262 | CAKOG00 |
|             | S000254 | CAKOG00 |
|             | S000250 | CAKOG00 |
|             | S000249 | CAKOG00 |
|             | S000170 | CAKOG00 |
|             | S000140 | CAKOG00 |
|             | S000139 | CAKOG00 |
|             | S000092 | CAKOG00 |
|             | S000039 | CAKOG01 |
|             | R099952 | CAKOG00 |
|             | R099844 | CAKOG00 |
|             | R099694 | CAKOG00 |
|             | R099650 | CAKOG00 |
|             | R098925 | CAKOG00 |
|             | R098826 | CAKOG00 |
| CAR1802     | S000169 | CAKOG01 |
|             | S000168 | CAKOG00 |
|             | S000132 | CAKOG00 |
|             | S000082 | CAKOG00 |
|             | S000049 | CAKOG00 |
|             | R099939 | CAKOG00 |
|             | R099736 | CAKOG01 |
|             | R099645 | CAKOG00 |
|             | R099610 | CAKOG00 |
|             | R099576 | CAKOG00 |
|             | R099396 | CAKOG00 |
|             | R098940 | CAKOG00 |
|             | R098773 | CAKOG00 |
|             | R098733 | CAKOG00 |
|             | R098492 | CAKOG01 |
|             | R097905 | CAKOG00 |
| CAR1801     | R099690 | CAKOG00 |
|             | R099512 | CAKOG00 |
|             | R099484 | CAKOG00 |
|             | R099394 | CAKOG00 |
|             | R099320 | CAKOG00 |
|             | R099095 | CAKOG00 |
|             | R099091 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R099005 | CAKOG00 |
|             | R098361 | CAKOG00 |
|             | R097776 | CAKOG00 |
| CAR1712     | R099287 | CAKOG00 |
|             | R099167 | CAKOG00 |
|             | R098943 | CAKOG00 |
|             | R098852 | CAKOG00 |
|             | R098804 | CAKOG00 |
|             | R098757 | CAKOG00 |
|             | R098395 | CAKOG00 |
|             | R098011 | CAKOG00 |
|             | R094537 | CAKOG00 |
| CAR1711     | R098795 | CAKOG00 |
|             | R098734 | CAKOG03 |
|             | R098716 | CAKOG00 |
|             | R098634 | CAKOG03 |
|             | R098458 | CAKOG00 |
|             | R098455 | CAKOG00 |
|             | R098437 | CAKOG02 |
|             | R098394 | CAKOG00 |
|             | R098390 | CAKOG00 |
|             | R098389 | CAKOG00 |
|             | R098365 | CAKOG00 |
|             | R098358 | CAKOG00 |
|             | R098297 | CAKOG00 |
|             | R097411 | CAKOG00 |
|             | R094019 | CAKOG02 |
|             | R094018 | CAKOG00 |
| CAR1710     | R098232 | CAKOG00 |
|             | R098051 | CAKOG00 |
|             | R097899 | CAKOG00 |
|             | R097892 | CAKOG00 |
|             | R097832 | CAKOG00 |
|             | R097814 | CAKOG00 |
|             | R097809 | CAKOG00 |
|             | R097746 | CAKOG00 |
|             | R097567 | CAKOG00 |
|             | R097504 | CAKOG02 |
|             | R097390 | CAKOG00 |
|             | R097372 | CAKOG01 |
|             | R097371 | CAKOG00 |
|             | R091062 | CAKOG00 |
| CAR1709     | R097317 | CAKOG00 |
|             | R097257 | CAKOG00 |
|             | R097114 | CAKOG00 |
|             | R097009 | CAKOG00 |
| CAR1708     | R097041 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R096998 | CAKOG00 |
|             | R096977 | CAKOG00 |
|             | R096857 | CAKOG00 |
|             | R096670 | CAKOG00 |
|             | R096542 | CAKOG00 |
|             | R096225 | CAKOG00 |
|             | R096135 | CAKOG01 |
|             | R095752 | CAKOG00 |
|             | R094449 | CAKOG00 |
|             | R094015 | CAKOG00 |
|             | R091735 | CAKOG00 |
|             | R091733 | CAKOG01 |
| CAR1707     | R096696 | CAKOG00 |
|             | R096321 | CAKOG00 |
|             | R096125 | CAKOG00 |
|             | R096103 | CAKOG00 |
|             | R096081 | CAKOG00 |
| CAR1706     | R096001 | CAKOG00 |
|             | R095981 | CAKOG00 |
|             | R095938 | CAKOG00 |
|             | R095857 | CAKOG00 |
|             | R095818 | CAKOG00 |
|             | R095793 | CAKOG00 |
|             | R095454 | CAKOG00 |
|             | R095428 | CAKOG00 |
|             | R095424 | CAKOG00 |
|             | R092920 | CAKOG00 |
| CAR1705     | R095692 | CAKOG00 |
|             | R095291 | CAKOG00 |
|             | R095244 | CAKOG00 |
|             | R095201 | CAKOG00 |
|             | R095061 | CAKOG00 |
|             | R088301 | CAKOG00 |
| CAR1704     | R095026 | CAKOG00 |
|             | R094971 | CAKOG00 |
|             | R094913 | CAKOG00 |
|             | R094909 | CAKOG00 |
|             | R094718 | CAKOG00 |
|             | R094686 | CAKOG00 |
|             | R094168 | CAKOG00 |
|             | R093932 | CAKOG00 |
| CAR1703     | R094517 | CAKOG00 |
|             | R094383 | CAKOG00 |
|             | R094298 | CAKOG00 |
|             | R094101 | CAKOG00 |
|             | R093840 | CAKOG00 |
| CAR1702     | R093979 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R093757 | CAKOG00 |
|             | R093744 | CAKOG00 |
|             | R093398 | CAKOG00 |
| CAR1701     | R093171 | CAKOG00 |
|             | R092888 | CAKOG00 |
|             | R092584 | CAKOG00 |
| CAR1612     | R093298 | CAKOG00 |
|             | R093059 | CAKOG00 |
|             | R092967 | CAKOG00 |
|             | R092772 | CAKOG01 |
|             | R092771 | CAKOG00 |
|             | R092742 | CAKOG00 |
|             | R092581 | CAKOG00 |
|             | R092412 | CAKOG00 |
|             | R092198 | CAKOG01 |
|             | R092092 | CAKOG00 |
|             | R092039 | CAKOG00 |
| CAR1611     | R092854 | CAKOG00 |
|             | R092811 | CAKOG00 |
|             | R092809 | CAKOG00 |
|             | R092808 | CAKOG00 |
|             | R092696 | CAKOG00 |
|             | R092675 | CAKOG00 |
|             | R092619 | CAKOG00 |
|             | R092560 | CAKOG00 |
|             | R092502 | CAKOG00 |
|             | R091873 | CAKOG00 |
|             | R091186 | CAKOG00 |
|             | R088880 | CAKOG00 |
| CAR1610     | R091454 | CAKOG00 |
|             | R091447 | CAKOG00 |
| CAR1609     | R091707 | CAKOG00 |
|             | R091702 | CAKOG00 |
|             | R091603 | CAKOG00 |
|             | R091469 | CAKOG00 |
|             | R091248 | CAKOG00 |
|             | R091172 | CAKOG00 |
|             | R090979 | CAKOG01 |
|             | R090633 | CAKOG00 |
| CAR1608     | R091002 | CAKOG00 |
|             | R090784 | CAKOG00 |
|             | R090627 | CAKOG00 |
|             | R090626 | CAKOG00 |
|             | R090186 | CAKOG00 |
|             | R089750 | CAKOG00 |
|             | R088433 | CAKOG01 |
|             | R086556 | CAKOG00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1607     | R090358 | CAKOG00 |
|             | R090317 | CAKOG00 |
|             | R090165 | CAKOG00 |
|             | R089936 | CAKOG00 |
|             | R089828 | CAKOG00 |
| CAR1606     | R090184 | CAKOG01 |
|             | R090069 | CAKOG00 |
|             | R089965 | CAKOG00 |
|             | R089889 | CAKOG00 |
|             | R089888 | CAKOG00 |
|             | R089682 | CAKOG00 |
|             | R089668 | CAKOG00 |
|             | R089233 | CAKOG00 |
|             |         |         |
| CAR1605     | R089361 | CAKOG00 |
|             | R089334 | CAKOG00 |
|             | R089210 | CAKOG00 |
|             | R089203 | CAKOG00 |
| CAR1604     | R088969 | CAKOG02 |
|             | R088968 | CAKOG00 |
|             | R088932 | CAKOG00 |
|             | R088848 | CAKOG00 |
|             | R088796 | CAKOG00 |
|             | R088651 | CAKOG00 |
|             | R088603 | CAKOG00 |
|             | R088551 | CAKOG00 |
|             | R088473 | CAKOG00 |
|             | R088415 | CAKOG00 |
|             | R087918 | CAKOG00 |
|             | R087883 | CAKOG00 |
|             | R087515 | CAKOG00 |
|             |         |         |
|             |         |         |
| CAR1603     | R088130 | CAKOG00 |
|             | R087961 | CAKOG01 |
|             | R087881 | CAKOG00 |
|             | R087875 | CAKOG00 |
|             | R087826 | CAKOG00 |
| CAR1602     | R087827 | CAKOG00 |
|             | R087738 | CAKOG00 |
|             | R087735 | CAKOG00 |
|             | R086945 | CAKOG00 |
|             | R086559 | CAKOG00 |
|             | R086552 | CAKOG00 |
|             | R086294 | CAKOG00 |
|             | R085890 | CAKOG00 |