

CA DB2 Tools 20.0 **INCREMENTAL**
CA RS 1706 Service List

| Service | Description | Type |
|--|--|------|
| RO95918 | CA RAPID REORG UPDATE | PTF |
| RO95972 | CA RAPID REORG UPDATE | PTF |
| RO96002 | ADD MISSING PQC CDBAPARM MEMBER | PTF |
| RO96005 | CA UTIL SORT FOR CA RAPID REORG UPDATE | PTF |
| RO96102 | ENH: LEXICAL ANALYSIS AND PARSE TREE SERVICES | PTF |
| RO96162 | R20 POST INSTALL CUSTOMIZATION | PTF |
| RO96167 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| RO96168 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| RO96169 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| The CA RS 1706 service count for this release is 9 | | |

CA DB2 Tools
CA RS 1706 Service List for CINSK00

| FMID | Service | Description | Type |
|---|---------|--|------|
| CINSK00 | RO96167 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CPDAK00

| FMID | Service | Description | Type |
|---|---------|--------------------------------|------|
| CPDAK00 | R096162 | R20 POST INSTALL CUSTOMIZATION | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CPDTK00

| FMID | Service | Description | Type |
|---|---------|--|------|
| CPDTK00 | RO96168 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CPSAK00

| FMID | Service | Description | Type |
|---|---------|--|------|
| CPSAK00 | RO96169 | ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CSQ2100

| FMID | Service | Description | Type |
|---|---------|---|------|
| CSQ2100 | R096102 | ENH: LEXICAL ANALYSIS AND PARSE TREE SERVICES | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CUGRK00

| FMID | Service | Description | Type |
|---|---------|---------------------------------|------|
| CUGRK00 | RO96002 | ADD MISSING PQC CDBAPARM MEMBER | PTF |
| The CA RS 1706 service count for this FMID is 1 | | | |

CA DB2 Tools
CA RS 1706 Service List for CUTSK00

| FMID | Service | Description | Type |
|---|---------|--|------|
| CUTSK00 | RO95918 | CA RAPID REORG UPDATE | PTF |
| | RO95972 | CA RAPID REORG UPDATE | PTF |
| | RO96005 | CA UTIL SORT FOR CA RAPID REORG UPDATE | PTF |
| The CA RS 1706 service count for this FMID is 3 | | | |

CA DB2 Tools 20.0 **INCREMENTAL**
CA RS 1706 - PTF RO95918 Details

| Service | Details |
|---------|--|
| RO95918 | RO95918 M.C.S. ENTRIES = ++PTF (RO95918) CA RAPID REORG UPDATE PROBLEM DESCRIPTION: CA Rapid Reorg performance 1)Additional performance iprovements have been added 2)A new parm setting for ELAP and CPU optimization is now included. SYMPTOMS: n/a IMPACT: n/a CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19.0 Related Problem: GEN 1326 Copyright (C) 2017 CA. All rights reserved. R00019-D200-SP0 DESC(CA RAPID REORG UPDATE). ++VER (Z038) FMID (CUTSK00) SUP (TR95918) |

| Service | Details |
|---------|---|
| RO95972 | RO95972 M.C.S. ENTRIES = ++PTF (RO95972) CA RAPID REORG UPDATE PROBLEM DESCRIPTION: Updates to CA Rapid Reorg SYMPTOMS: n/a IMPACT: n/a CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19.0 Related Problem: GEN 1338 Copyright (C) 2017 CA. All rights reserved. R00020-D200-SP0 DESC(CA RAPID REORG UPDATE). ++VER (Z038) FMID (CUTSK00) PRE (RO95918) SUP (TR95972) |

| Service | Details |
|---------|---|
| RO96002 | <p>RO96002 M.C.S. ENTRIES = ++PTF (RO96002)</p> <p>ADD MISSING PQC CDBAPARM MEMBER</p> <p>PROBLEM DESCRIPTION: The model statements used by the CA Quick Copy for DB2 for z/OS (PQC) dynamic allocation function were delivered as a CDBASAMP member instead of a CDBAPARM member.</p> <p>SYMPTOMS: CA Quick Copy for DB2 for z/OS (PQC) attempting to use dynamic allocation without a TEMPLATE statement fails.</p> <p>IMPACT: CA Quick Copy for DB2 for z/OS (PQC) fails.</p> <p>CIRCUMVENTION: Copy member CDBASAMP(PQC) to CDBAPARM(PQC), then edit the CDBAPARM(PQC) member to set site-specific default execution values.</p> <p>PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0</p> <p>Related Problem: PQC 821</p> <p>Copyright (C) 2017 CA. All rights reserved. R00021-D200-SP0</p> <p>DESC(ADD MISSING PQC CDBAPARM MEMBER). ++VER (Z038) FMID (CUGRK00) SUP (TR96002) ++HOLD (RO96002) SYSTEM FMID(CUGRK00) REASON (ACTION) DATE (17125) COMMENT (</p> <pre> +-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Save contents of CDBAPARM(PQC) +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE None REQUIRED +-----+ ACCESS None REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Determine if you already have a member PQC in the CDBAPARM dataset. If CDBAPARM(PQC) already exists: a. Copy your existing CDBAPARM(PQC) member to another dataset. b. Apply this fix (add "BYPASS(HOLDSYS(ACTION))" to the APPLY command). c. Restore your original CDBAPARM(PQC) member from your copy. If CDBAPARM(PQC) does NOT already exist: a. Apply this fix (add "BYPASS(HOLDSYS(ACTION))" to the APPLY command). b. Edit the CDBAPARM(PQC) member to set site-specific default execution values.).</pre> |

| Service | Details |
|---------|---|
| RO96005 | <p>RO96005 M.C.S. ENTRIES = ++PTF (RO96005)</p> <p>CA UTIL SORT FOR CA RAPID REORG UPDATE</p> <p>PROBLEM DESCRIPTION: Update to CA UTIL SORT for CA Rapid Reorg for DB2 for z/OS (PRR) Added performance improvements</p> <p>SYMPTOMS: IMPACT: Improve Sort performance.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19.0 CA Database Management Solution for DB2 for zOS Base Install Version 20.0</p> <p>Related Problem: GEN 1339 Copyright (C) 2017 CA. All rights reserved. R00022-D200-SP0</p> <p>DESC(CA UTIL SORT FOR CA RAPID REORG UPDATE). ++VER (Z038) FMID (CUTSK00) PRE (RO95918 RO95972) SUP (TR96005)</p> |

| Service | Details |
|---------|--|
| RO96102 | <p>RO96102 M.C.S. ENTRIES = ++PTF (RO96102)</p> <p>ENH: LEXICAL ANALYSIS AND PARSE TREE SERVICES</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA-DB2 services: SQL Parse Tree, Lexical Analysis, and Data Structure Cleanup have been externalized into the new product library CA SQL Services for DB2 for z/OS. The new library enables other CA products outside of the CA-DB2 family of products to consume these services. As part of move, the load module services are now reentrant.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SQL Services for DB2 for z/OS Version 1.0</p> <p>Related Problem:</p> <p>SQ2 4</p> <p>Copyright (C) 2017 CA. All rights reserved. R00005-SQ2010-BP0</p> <p>DESC(ENH: LEXICAL ANALYSIS AND PARSE TREE SERVICES).</p> <p>++VER (Z038)</p> <p>FMID (CSQ2100)</p> <p>SUP (TR96102)</p> |

| Service | Details |
|---------|---|
| RO96162 | <p>RO96162 M.C.S. ENTRIES = ++PTF (RO96162)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. R20 POST INSTALL CUSTOMIZATION 2. PDA POST-INSTALL SQL POOR PERFORMANCE <p>=====</p> <p>R20 POST INSTALL CUSTOMIZATION</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Database Analyzer for DB2 for z/OS (PDA) Post Install Customization for r20 still shows r19 as the new release.</p> <p>SYMPTOMS:</p> <p>Database Analyzer Post Install Customization panel RAPCSP00 shows the prior release r19 instead of r20.</p> <p>Prior Database Analyzer version (i.e. Choose the option that describes your current environment</p> <ol style="list-style-type: none"> 1. New Install of PDA r19.0 (i.e. NO previous release install 2. Upgrade to PDA r19.0.y from PDA r19.0.x <p>IMPACT:</p> <p>Migration path to r20 can be confusing as there is no r20 options seen on the panel.</p> <p>CIRCUMVENTION:</p> <p>Use the migration path selection based on the old release being upgraded from.</p> <p>New r20 install:</p> <ol style="list-style-type: none"> 1. New Install of PDA r19.0 <p>Upgrade from r19:</p> <ol style="list-style-type: none"> 2. Upgrade to PDA r19.0.y from PDA r19.0.x <p>Upgrade from r18:</p> <ol style="list-style-type: none"> 3. Upgrade to PDA r19.0.y from PDA r18.0.x <p>Upgrade from r17:</p> <ol style="list-style-type: none"> 4. Upgrade to PDA r19.0 from PDA r17.0 <p>Upgrade from r16:</p> <ol style="list-style-type: none"> 5. Upgrade to PDA r19.0 from PDA r16.0 <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Analyzer For DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDA 1328</p> <p>=====</p> <p>PDA POST-INSTALL SQL POOR PERFORMANCE</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Database Analyzer for DB2 for z/OS (PDA) Post Install Customization performance is poor when upgrading from release r17 and below.</p> <p>SYMPTOMS:</p> <p>SQL UPDATE statements from job step RASPDA85 takes a considerable amount of time to complete, especially if the PDA statistical tables are large.</p> <p>IMPACT:</p> <p>Poor performance can cause users to cancel the post install job before it completes.</p> <p>CIRCUMVENTION:</p> <p>n/a</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Analyzer For DB2 for z/OS Version 18.0 CA Database Analyzer For DB2 for z/OS Version 19.0 CA Database Analyzer For DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDA 1326</p> <p>Copyright (C) 2017 CA. All rights reserved. R00025-D200-SP0</p> <p>DESC(R20 POST INSTALL CUSTOMIZATION). ++VER (Z038) FMID (CPDAK00) SUP (TR96162)</p> |

| Service | Details |
|---------|--|
| RO96167 | <p>RO96167 M.C.S. ENTRIES = ++PTF (RO96167)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA 2. PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT 3. ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT 4. COLLECTION TERMINATES WITH A SOC4 IN MODULE DT\$DIU <p>=====</p> <p>ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) can incur various abends or show invalid data when R20 is used to access historical interval data that was collected with an older release, or when an older release is used to access data that was collected with R20.</p> <p>These problems can occur while viewing the online historical interval displays, executing a datastore copy batch job (PDTDSCPY), or executing an unload or report batch job (PDTBATCH).</p> <p>SYMPTOMS:</p> <p>Various SOCx abends or incorrect historical data is displayed in either the TSO user's ISPF address space while using the PDT online historical interval displays, or in the batch job address space.</p> <p>IMPACT:</p> <p>Users cannot reliably use any product functions that access the historical interval data when the installed release and collected data release differ.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1507</p> <p>=====</p> <p>PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) batch processing PDTBATCH abends with a SOC4 or terminates with a return code 12 when the DATATYPE parameter is specified for unload processing.</p> <p>The end user fields are not shown correctly on the "Exception SQL Report", REPORT=EXCP.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend or return code 12 occurs when the DATATYPE parameter is specified. When return code 12 is issued messages such as the following will appear in the sort messages:</p> <pre>ICE071A C INVALID RETURN CODE FROM EXIT E35 - RC=4, CASE=S1 ICE751I 1 D8-I35397 D4-I35397 D1-I35397 E8-I40658</pre> <p>On the "Exception SQL Report", "End UserId-" field has garbage following the value, "End UserTx-" does not show the text and "W/S Name -" does not show a value.</p> <p>IMPACT:</p> <p>Data unload is not possible. The end user field values on the "Exception SQL Report" are not reliable.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1503</p> <p>=====</p> <p>ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) may abend with an SOC4 when unloading SQL Error text.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend in PDTBATCH when unloading SQL error text.</p> <p>IMPACT:</p> <p>Batch unload terminates due to a SOC4 abend.</p> |

| Service | Details |
|---------|---|
| | <p>CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 Related Problem: PDT 1499 ===== COLLECTION TERMINATES WITH A S0C4 IN MODULE DT\$DIU PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) collection terminates with a S0C4 abend in module DT\$DIU. SYMPTOMS: The following messages appears in the Xmanager joblog: PDT0185 ABEND=S0C4 MODULE=DT\$DIU OFFSET=0000AECE DB2=111 PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=D11E USER=LINMA10 IMPACT: The collection terminates and will need to be restarted. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1508 Copyright (C) 2017 CA. All rights reserved. R00026-D200-SP0 DESC(ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA). ++VER (Z038) FMID (CINSK00) SUP (TR96016 TR96039 TR96167) ++IF FMID(CPDTK00) REQ(RO96168) . ++IF FMID(CPSAK00) REQ(RO96169) . ++HOLD (RO96167) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (17137) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components.</p> |

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CA RS 1706 - PTF RO96167 Details

| Service | Details |
|---------|---|
| | This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). |

| Service | Details |
|---------|--|
| RO96168 | <p>RO96168 M.C.S. ENTRIES = ++PTF (RO96168)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA 2. PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT 3. ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT 4. COLLECTION TERMINATES WITH A SOC4 IN MODULE DT\$DIU <p>=====</p> <p>ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) can incur various abends or show invalid data when R20 is used to access historical interval data that was collected with an older release, or when an older release is used to access data that was collected with R20.</p> <p>These problems can occur while viewing the online historical interval displays, executing a datastore copy batch job (PDTDSCPY), or executing an unload or report batch job (PDTBATCH).</p> <p>SYMPTOMS:</p> <p>Various SOCx abends or incorrect historical data is displayed in either the TSO user's ISPF address space while using the PDT online historical interval displays, or in the batch job address space.</p> <p>IMPACT:</p> <p>Users cannot reliably use any product functions that access the historical interval data when the installed release and collected data release differ.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1507</p> <p>=====</p> <p>PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) batch processing PDTBATCH abends with a SOC4 or terminates with a return code 12 when the DATATYPE parameter is specified for unload processing.</p> <p>The end user fields are not shown correctly on the "Exception SQL Report", REPORT=EXCP.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend or return code 12 occurs when the DATATYPE parameter is specified. When return code 12 is issued messages such as the following will appear in the sort messages:</p> <pre>ICE071A C INVALID RETURN CODE FROM EXIT E35 - RC=4, CASE=S1 ICE751I 1 D8-I35397 D4-I35397 D1-I35397 E8-I40658</pre> <p>On the "Exception SQL Report", "End UserId-" field has garbage following the value, "End UserTx-" does not show the text and "W/S Name -" does not show a value.</p> <p>IMPACT:</p> <p>Data unload is not possible. The end user field values on the "Exception SQL Report" are not reliable.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1503</p> <p>=====</p> <p>ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) may abend with an SOC4 when unloading SQL Error text.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend in PDTBATCH when unloading SQL error text.</p> <p>IMPACT:</p> <p>Batch unload terminates due to a SOC4 abend.</p> |

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|---------|--|
| | <p>CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 Related Problem: PDT 1499 ===== COLLECTION TERMINATES WITH A S0C4 IN MODULE DT\$DIU PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) collection terminates with a S0C4 abend in module DT\$DIU. SYMPTOMS: The following messages appears in the Xmanager joblog: PDT0185 ABEND=S0C4 MODULE=DT\$DIU OFFSET=0000AECE DB2=111 PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=D11E USER=LINMA10 IMPACT: The collection terminates and will need to be restarted. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1508 Copyright (C) 2017 CA. All rights reserved. R00026-D200-SP0 DESC(ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA). ++VER (Z038) FMID (CPDTK00) SUP (TR96017 TR96040 TR96168) ++IF FMID(CPSAK00) REQ(RO96169) . ++IF FMID(CINSK00) REQ(RO96167) . ++HOLD (RO96168) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (17137) COMMENT (+-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components.</p> |

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CA RS 1706 - PTF RO96168 Details

| Service | Details |
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| | This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). |

| Service | Details |
|---------|--|
| RO96169 | <p>RO96169 M.C.S. ENTRIES = ++PTF (RO96169)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA 2. PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT 3. ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT 4. COLLECTION TERMINATES WITH A SOC4 IN MODULE DT\$DIU <p>=====</p> <p>ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) can incur various abends or show invalid data when R20 is used to access historical interval data that was collected with an older release, or when an older release is used to access data that was collected with R20.</p> <p>These problems can occur while viewing the online historical interval displays, executing a datastore copy batch job (PDTDSCPY), or executing an unload or report batch job (PDTBATCH).</p> <p>SYMPTOMS:</p> <p>Various SOCx abends or incorrect historical data is displayed in either the TSO user's ISPF address space while using the PDT online historical interval displays, or in the batch job address space.</p> <p>IMPACT:</p> <p>Users cannot reliably use any product functions that access the historical interval data when the installed release and collected data release differ.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1507</p> <p>=====</p> <p>PDTBATCH SOC4 ABEND OR RC=12 AND END USER FIELDS INCORRECT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) batch processing PDTBATCH abends with a SOC4 or terminates with a return code 12 when the DATATYPE parameter is specified for unload processing.</p> <p>The end user fields are not shown correctly on the "Exception SQL Report", REPORT=EXCP.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend or return code 12 occurs when the DATATYPE parameter is specified. When return code 12 is issued messages such as the following will appear in the sort messages:</p> <pre>ICE071A C INVALID RETURN CODE FROM EXIT E35 - RC=4, CASE=S1 ICE751I 1 D8-I35397 D4-I35397 D1-I35397 E8-I40658</pre> <p>On the "Exception SQL Report", "End UserId-" field has garbage following the value, "End UserTx-" does not show the text and "W/S Name -" does not show a value.</p> <p>IMPACT:</p> <p>Data unload is not possible. The end user field values on the "Exception SQL Report" are not reliable.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1503</p> <p>=====</p> <p>ADD RECOVERY MODULE TO PDTBATCH FOR ABEND UNLOAD SQL TEXT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) may abend with an SOC4 when unloading SQL Error text.</p> <p>SYMPTOMS:</p> <p>A SOC4 abend in PDTBATCH when unloading SQL error text.</p> <p>IMPACT:</p> <p>Batch unload terminates due to a SOC4 abend.</p> |

| Service | Details |
|---------|--|
| | <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0</p> <p>Related Problem: PDT 1499</p> <p>=====</p> <p>COLLECTION TERMINATES WITH A S0C4 IN MODULE DT\$DIU</p> <p>PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) collection terminates with a S0C4 abend in module DT\$DIU.</p> <p>SYMPTOMS: The following messages appears in the Xmanager joblog: PDT0185 ABEND=S0C4 MODULE=DT\$DIU OFFSET=0000AECE DB2=111 PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=D11E USER=LINMA10</p> <p>IMPACT: The collection terminates and will need to be restarted.</p> <p>CIRCUMVENTION: None</p> <p>PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem: PDT 1508</p> <p>Copyright (C) 2017 CA. All rights reserved. R00026-D200-SP0</p> <p>DESC(ABENDS AND INVALID DATA WHEN ACCESSING HISTORICAL DATA). ++VER (Z038) FMID (CPSAK00) SUP (TR96018 TR96041 TR96169) ++IF FMID(CPDTK00) REQ(RO96168) . ++IF FMID(CINSK00) REQ(RO96167) .</p> |

CA DB2 Tools 20.0 **INCREMENTAL**
 CA RS 1706 Product/Component Listing

| Product Family | Product | Release |
|----------------|--|----------|
| DB2 Tools | CA BIND ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA DATABASE ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS BASE INSTALL | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UI SERVICES | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITIES COMMON | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY GENERAL RECOVERY | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS XNET COMMUNICATIONS SERVER | 20.00.00 |
| | CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES | 20.00.00 |
| | CA DETECTOR FOR DB2 FOR Z/OS | 20.00.00 |
| | CA ENDEVOR SOFTWARE CHANGE MANAGER INTERFACE FOR DB2 | 20.00.00 |
| | CA FAST LOAD FOR DB2 FOR Z/OS | 20.00.00 |
| | CA FAST UNLOAD FOR DB2 FOR Z/OS | 20.00.00 |
| | CA LOG ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA PLAN ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RAPID REORG FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RC/EXTRACT FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RC/MIGRATOR FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RC/QUERY FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RC/SECURE FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RC/UPDATE FOR DB2 FOR Z/OS | 20.00.00 |
| | CA RECOVERY ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA REPORT FACILITY FOR TSO | 20.00.00 |
| | CA SUBSYSTEM ANALYZER FOR DB2 FOR Z/OS | 20.00.00 |
| | CA SYSVIEW PERFORMANCE MANAGEMENT OPTION FOR DB2 FOR Z/OS | 20.00.00 |
| UNKNOWN | CA DBM SOLUTIONS FOR DB2 FOR Z/OS OBJECT FRAMEWORK SERVICES | 20.00.00 |
| | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY SORT SERVICE | 20.00.00 |
| | CA COMMON SQL SERVICES FOR DB2 FOR Z/OS | 01.00.00 |

The CA RS 1706 Product/Component Count for this release is 27

CA DB2 Tools 20.0 **INCREMENTAL**
All CA RS Levels Service List

| CA RS Level | Service | FMID |
|-------------|---------|---------|
| CAR1706 | RO96169 | CPSAK00 |
| | RO96168 | CPDTK00 |
| | RO96167 | CINSK00 |
| | RO96162 | CPDAK00 |
| | RO96102 | CSQ2100 |
| | RO96005 | CUTSK00 |
| | RO96002 | CUGRK00 |
| | RO95972 | CUTSK00 |
| | RO95918 | CUTSK00 |