

CA DB2 Tools 18.0
CA RS 1706 Service List

Service	Description	Type
R095650	S0C4 ABEND MAY OCCUR CANCELING THREAD AFTER PTF R090205	PTF
R095933	RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE	** PRP **
R095934	RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE	PTF
R095959	OCI RUNNING SQL USING CPU PARALLELISM	PTF
R095982	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	PTF
R095983	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	** PRP **
R095984	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	PTF
R096052	TS TYPE MISSING FROM WARNING MESSAGE IF PARTED TABLE DROPPED	PTF
R096174	TIMEZONE CHANGES NOT HONORED	PTF
R096175	TIMEZONE CHANGES NOT HONORED	PTF
R096238	INCORRECT DEADLOCK COUNT REPORTED IN THREAD HISTORY SUMMARY	PTF
R096338	DSNB1GET ERROR AFTER PFL ON VERSIONED OBJECT	PTF
The CA RS 1706 service count for this release is 12		

CA DB2 Tools
CA RS 1706 Service List for CIDBI00

FMID	Service	Description	Type
CIDBI00	RO96238	INCORRECT DEADLOCK COUNT REPORTED IN THREAD HISTORY SUMMARY	PTF
The CA RS 1706 service count for this FMID is 1			

CA DB2 Tools
CA RS 1706 Service List for CINSI00

FMID	Service	Description	Type
CINSI00	R095650	S0C4 ABEND MAY OCCUR CANCELING THREAD AFTER PTF R090205	PTF
	R095982	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	PTF
	R096174	TIMEZONE CHANGES NOT HONORED	PTF
The CA RS 1706 service count for this FMID is 3			

CA DB2 Tools
CA RS 1706 Service List for CPDTI00

FMID	Service	Description	Type
CPDTI00	RO95959	0C1 RUNNING SQL USING CPU PARALLELISM	PTF
The CA RS 1706 service count for this FMID is 1			

CA DB2 Tools
CA RS 1706 Service List for CPFLI00

FMID	Service	Description	Type
CPFLI00	RO95933	RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE	** PRP **
	RO95983	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	** PRP **
	RO96338	DSNB1GET ERROR AFTER PFL ON VERSIONED OBJECT	PTF
The CA RS 1706 service count for this FMID is 3			

CA DB2 Tools
CA RS 1706 Service List for CPLAI00

FMID	Service	Description	Type
CPLAI00	RO96175	TIMEZONE CHANGES NOT HONORED	PTF
The CA RS 1706 service count for this FMID is 1			

CA DB2 Tools
CA RS 1706 Service List for CPUTI00

FMID	Service	Description	Type
CPUTI00	RO95934	RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE	PTF
	RO95984	ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT	PTF
The CA RS 1706 service count for this FMID is 2			

CA DB2 Tools
CA RS 1706 Service List for CRCUI00

FMID	Service	Description	Type
CRCUI00	RO96052	TS TYPE MISSING FROM WARNING MESSAGE IF PARTED TABLE DROPPED	PTF
The CA RS 1706 service count for this FMID is 1			

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95650 Details

Service	Details
RO95650	<pre> RO95650 M.C.S. ENTRIES = ++PTF (RO95650) SOC4 ABEND MAY OCCUR CANCELING THREAD AFTER PTF RO90205 PROBLEM DESCRIPTION: After PTF RO90205 has been applied, a SOC4-4 abend may occur when a TSO user attempts to terminate a thread within CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT). SYMPTOMS: The following ISPF error message appears on the display: TT003E: Request has failed, abend incurred, recovery successful The following messages appear in the joblog for the TSO session: +PXM0800 ABEND INCURRED/RETRY IN PROGRESS PXM0810 CA/XMANAGER RECOVERY IN PROGRESS (TCB 007D1170) PXM0811 PSW: 078C0000 AB7415B0 LMOD: *UNKNOWN ... ABEND: SOC4 PXM0812 GPRS 0 1 00000000 00000001 00000000 00000000 PXM0812 2 3 00000000 28BA4BF0 000001BA 00000000 PXM0812 4 5 000001BA 3AE6D50A 00000000 3AE57D40 PXM0812 6 7 00000000 3AE5A4E4 00000000 00EF6D00 PXM0812 8 9 00000000 0000014B 00000000 3AE6D564 PXM0812 10 11 00000000 AB74136C 00000000 3AE6D488 PXM0812 12 13 00000000 39E734B8 00000000 3AE5A090 PXM0812 14 15 00000000 AB7414C4 00000000 00000004 +PXM0801 ABEND INCURRED/RETRY SUCCESSFUL IMPACT: The DB2 thread is not canceled. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 18.0 Related Problem: PTT 338 Copyright (C) 2017 CA. All rights reserved. R01773-D180-SP1 DESC(SOC4 ABEND MAY OCCUR CANCELING THREAD AFTER PTF RO90205). ++VER (Z038) FMID (CINSI00) SUP (TR95650) ++HOLD (RO95650) SYSTEM FMID(CINSI00) REASON (RESTART) DATE (17107) COMMENT (+-----+ CA Database Management Solution for DB2 for zOS Base Install Version 18.0 +-----+ 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. </pre>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95650 Details

Service	Details
	<p>2. Stop the Xmanager task.</p> <p>3. Update the runtime library.</p> <p>4. Restart the Xmanager task.</p> <p>Important!</p> <p>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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.</p> <p>).</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95933 Details

Service	Details
RO95933	<p>RO95933 M.C.S. ENTRIES = ++PTF (RO95933)</p> <p>RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE</p> <p>PROBLEM DESCRIPTION:</p> <p>When using CA Fast Load for DB2 for z/OS (PFL) with RECLUSTER NO specified without specifying SORT-CLINDX, the behavior was inadvertently changed by PTF RO93639 (R18) to RECLUSTER NO SORT-CLINDX.</p> <p>This change will reset the behavior back to RECLUSTER NO SORT-NONE.</p> <p>SYMPTOMS:</p> <p>Fast Load jobs with RECLUSTER NO syntax will sort the clustering index.</p> <p>IMPACT:</p> <p>Jobs may potentially fail due to the behavior change.</p> <p>CIRCUMVENTION:</p> <p>Specify RECLUSTER NO SORT-NONE.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 18.0 CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PFL 1218</p> <p>Copyright (C) 2017 CA. All rights reserved. R01777-D180-SP1</p> <p>DESC(RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE). ++VER (Z038) FMID (CPFLI00) PRE (RO74758 RO75158 RO76020 RO76399 RO82275 RO83928 RO85803 RO86855 RO87197 RO88555 RO89121 RO90452 RO90638 RO91088 RO91283 RO91398 RO91526 RO92687 RO93639 RO95501) SUP (BR93639 TR95933) ++IF FMID(CPUTI00) REQ(RO95934) .</p>

CA DB2 Tools 18.0
 CA RS 1706 - PTF R095934 Details

Service	Details						
R095934	<p>R095934 M.C.S. ENTRIES = ++PTF (R095934)</p> <p>RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE</p> <p>PROBLEM DESCRIPTION:</p> <p>When using CA Fast Load for DB2 for z/OS (PFL) with RECLUSTER NO specified without specifying SORT-CLINDX, the behavior was inadvertently changed by PTF R093639 (R18) to RECLUSTER NO SORT-CLINDX.</p> <p>This change will reset the behavior back to RECLUSTER NO SORT-NONE.</p> <p>SYMPTOMS:</p> <p>Fast Load jobs with RECLUSTER NO syntax will sort the clustering index.</p> <p>IMPACT:</p> <p>Jobs may potentially fail due to the behavior change.</p> <p>CIRCUMVENTION:</p> <p>Specify RECLUSTER NO SORT-NONE.</p> <p>PRODUCT(S) AFFECTED:</p> <table border="0"> <tr> <td>CA Fast Load for DB2 for z/OS</td> <td>Version 18.0</td> </tr> <tr> <td>CA Fast Load for DB2 for z/OS</td> <td>Version 19.0</td> </tr> <tr> <td>CA Fast Load for DB2 for z/OS</td> <td>Version 20.0</td> </tr> </table> <p>Related Problem:</p> <p>PFL 1218</p> <p>Copyright (C) 2017 CA. All rights reserved. R01777-D180-SP1</p> <p>DESC(RECLUSTER NO SHOULD DEFAULT TO RECLUSTER NO SORT-NONE). ++VER (Z038) FMID (CPUTI00) PRE (R075456 R076023 R076036 R085806 R088826 R089124 R090455 R092032 R092688 R093642) SUP (TR95934) ++IF FMID(CPFLI00) REQ(R093639 R095933) .</p>	CA Fast Load for DB2 for z/OS	Version 18.0	CA Fast Load for DB2 for z/OS	Version 19.0	CA Fast Load for DB2 for z/OS	Version 20.0
CA Fast Load for DB2 for z/OS	Version 18.0						
CA Fast Load for DB2 for z/OS	Version 19.0						
CA Fast Load for DB2 for z/OS	Version 20.0						

Service	Details
RO95959	<p>RO95959 M.C.S. ENTRIES = ++PTF (RO95959)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. OC1 RUNNING SQL USING CPU PARALLELISM 2. SOC4 ABEND WHEN PROCESSING SQL WITH CPU PARALLELISM <p>=====</p> <p>OC1 RUNNING SQL USING CPU PARALLELISM</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) collection may terminate with a SOC4/SOC1 ABEND in module DT\$DII. This abend occurs when processing SQL statements that use CPU parallelism and PDT is running with parameter USECOLLTASKS set to Y.</p> <p>SYMPTOMS:</p> <p>The PDT collection may terminate.</p> <p>IMPACT:</p> <p>PDT collection data will be unavailable until the collection is restarted.</p> <p>CIRCUMVENTION:</p> <p>This problem can be avoided by running with the PDT collection option USECOLLTASKS set to N.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 18.0 CA Detector for DB2 for z/OS Version 19.0</p> <p>Related Problem:</p> <p>PDT 1477</p> <p>=====</p> <p>SOC4 ABEND WHEN PROCESSING SQL WITH CPU PARALLELISM</p> <p>DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) collection may terminate with a SOC4 abend when when processing SQL statements that use CPU parallelism.</p> <p>PROBLEM DESCRIPTION:</p> <p>SYMPTOMS:</p> <p>The following messages may be seen in the Xmanager log:</p> <p>PDT0185 ABEND=SOC4 MODULE=DT\$DII OFFSET=00005CAE DB2=ver PDT0105 DETECTOR ABNORMAL TERMINATION/SDUMP IN PROGRESS DB2=ssid PDT0106 DETECTOR SDUMP CAPTURE COMPLETE DB2=ssid RETURN CODE=nn REASON=nn</p> <p>IMPACT:</p> <p>SQL transaction metrics will not be collected until the collection is restarted.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 18.0 CA Detector for DB2 for z/OS Version 19.0 CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1502</p> <p>Copyright (C) 2017 CA. All rights reserved. R01778-D180-SP1</p> <p>DESC(OC1 RUNNING SQL USING CPU PARALLELISM). ++VER (Z038) FMID (CPDTI00) PRE (R076368 R076486 R077329 R078446 R079877 R079934 R081146 R083695 R085468 R087209 R087618 R090443 R093385 R094516) SUP (R073552 R074003 R074470 R074580 R075583 R077248 R077317 R077520 R078101 R078198 R078514 R078682 R079165 R079431 R079574 R079949 R080038 R080194 R080397 R080869 R080899 R081196 R081417 R082518 R082587 R082974 R083776 R084200 R084898 R085604 R086315 R086710 R087108 R087426 R087465 R088437 R088847 R089229 R089302 R089650 R089821 R090342 R090724 R090936 R091615 R091810 R092420 R092591 R093129 R093159 R093327 R093551 R093758 R094496 R094923 TR73552 TR74003 TR74470 TR74580 TR74996 TR75133 TR75226 TR75241 TR75379 TR75436 TR75468</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95959 Details

Service	Details
	<pre> TR75494 TR75533 TR75583 TR76881 TR77248 TR77317 TR77520 TR78101 TR78198 TR78514 TR78682 TR78973 TR79165 TR79431 TR79455 TR79574 TR79949 TR80038 TR80194 TR80397 TR80527 TR80717 TR80869 TR80899 TR81196 TR81417 TR82518 TR82587 TR82974 TR83776 TR84200 TR84898 TR85604 TR86315 TR86386 TR86621 TR86710 TR87108 TR87426 TR87465 TR88437 TR88847 TR89229 TR89302 TR89650 TR89821 TR90342 TR90724 TR90936 TR91615 TR91810 TR92420 TR92591 TR93129 TR93159 TR93307 TR93327 TR93551 TR93758 TR94496 TR94923 TR95959) ++HOLD (RO95959) SYSTEM FMID(CPDTI00) REASON (RESTART) DATE (17131) COMMENT (+-----+ CA Detector for DB2 for z/OS Version 18.0 +-----+ 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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
RO95982	<p>RO95982 M.C.S. ENTRIES = ++PTF (RO95982)</p> <p>ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT</p> <p>ENHANCEMENT DESCRIPTION: For users of CA Fast Load for DB2 for z/OS (PFL), a method to establish default RECLUSTER keyword settings has been added. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts. This functionality is provided by three new options in the UTIL CDBAPARM member:</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-DEFAULT <p>Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence.</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-NO <p>Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-YES <p>Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDEX keyword option - The following new keyword options: - NO SORT-NONE - YES SORT-CLINDEX - YES SORT-ALL <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 18.0 CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem: PFL 1220</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95982 Details

Service	Details
	<p>Copyright (C) 2017 CA. All rights reserved. R01779-D180-SP1</p> <p>DESC(ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT). ++VER (Z038) FMID (CINSI00) PRE (RO85802 RO88824 RO90451 RO93638) SUP (TR88178 TR88513 TR95982) ++IF FMID(CPFLI00) REQ(RO95983) . ++IF FMID(CPUTI00) REQ(RO95984) . ++HOLD (RO95982) SYSTEM FMID(CINSI00) REASON (DOC) DATE (17132) COMMENT (</p> <p>+-----+ CA Database Management Solution for DB2 for zOS Base Install Version 18.0 +-----+</p> <p>***** * PUBLICATION * *****</p> <p>+-----+ CA Database Management Solution for DB2 for zOS Base Install Version 18.0 +-----+</p> <p> SEQUENCE Before using CA Fast Load for DB2 for z/OS (PFL) +-----+</p> <p> PURPOSE To activate this PTF, the customer must perform a post-install process to update the UTIL parmlib member. +-----+</p> <p> USERS This process is recommended for ALL USERS; however, it is AFFECTED specific to customers using the RECLUSTER syntax option in CA Fast Load. +-----+</p> <p> KNOWLEDGE PFL Product Administration REQUIRED +-----+</p> <p> ACCESS Access to update the CDBAPARM library (UTIL member). REQUIRED +-----+</p> <p> +-----+</p> <p>***** * STEPS TO PERFORM * *****</p> <p>Update the UTIL CDBAPARM library member as follows: 1. From the CA DB2 Tools product main menu, select EP to edit a parmlib member. 2. Select the UTIL member. 3. Move through the panels by pressing <enter> until panel UTEDPUA is reached. (Or panel UTP#EPA, if PANELID is turned on.) 4. The following UTIL parmlib options should appear: PFL-RECLUSTER-DEFAULT.....> SORT- CLINDX PFL-RECLUSTER-YES.....> SORT- ALL PFL-RECLUSTER-NO.....> SORT- NONE 5. Change the selected values for these options as needed. See the help panels for descriptions of the values. 6 Press <enter> one more time. The new options will appear in the updated UTIL member.</p> <p>With this PTF, we have delivered a method to establish default RECLUSTER keyword settings for all jobs. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts. This functionality is provided by three new options in the</p>

Service	Details
	<p>UTIL CDBAPARM member:</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-DEFAULT <p>Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence.</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-NO <p>Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-YES <p>Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDX keyword option - The following new keyword options: - NO SORT-NONE - NO SORT-CLINDX - YES SORT-CLINDX - YES SORT-ALL <p>For more information about the RECLUSTER syntax, see the Fast Load documentation at https://docops.ca.com/db2fastl.</p> <p>).</p>

Service	Details
RO95983	<p>RO95983 M.C.S. ENTRIES = ++PTF (RO95983)</p> <p>ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT</p> <p>ENHANCEMENT DESCRIPTION: For users of CA Fast Load for DB2 for z/OS (PFL), a method to establish default RECLUSTER keyword settings has been added. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts. This functionality is provided by three new options in the UTIL CDBAPARM member:</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-DEFAULT <p>Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence.</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-NO <p>Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-YES <p>Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDEX keyword option - The following new keyword options: - NO SORT-NONE - YES SORT-CLINDEX - YES SORT-ALL <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 18.0 CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem: PFL 1220</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95983 Details

Service	Details
	<p>Copyright (C) 2017 CA. All rights reserved. R01779-D180-SP1</p> <p>DESC(ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT). ++VER (Z038) FMID (CPFLI00) PRE (R074758 R075158 R076020 R076399 R082275 R083928 R085803 R086855 R087197 R088555 R089121 R090452 R090638 R091088 R091283 R091398 R091526 R092687 R093639 R095501 R095933) SUP (AR95933 TR95983) ++IF FMID(CPUTI00) REQ(R095984) . ++IF FMID(CINSI00) REQ(R095982) . ++HOLD (R095983) SYSTEM FMID(CPFLI00) REASON (DOC) DATE (17132) COMMENT (</p> <pre> +-----+ CA Fast Load for DB2 for z/OS Version 18.0 +-----+ ***** * PUBLICATION * ***** +-----+ CA Database Management Solution for DB2 for zOS Base Install Version 18.0 +-----+ SEQUENCE Before using CA Fast Load for DB2 for z/OS (PFL) +-----+ PURPOSE To activate this PTF, the customer must perform a post-install process to update the UTIL parmlib member. +-----+ USERS This process is recommended for ALL USERS; however, it is AFFECTED specific to customers using the RECLUSTER syntax option in CA Fast Load. +-----+ KNOWLEDGE PFL Product Administration REQUIRED +-----+ ACCESS Access to update the CDBAPARM library (UTIL member). REQUIRED +-----+ +-----+ ***** * STEPS TO PERFORM * ***** Update the UTIL CDBAPARM library member as follows: 1. From the CA DB2 Tools product main menu, select EP to edit a parmlib member. 2. Select the UTIL member. 3. Move through the panels by pressing <enter> until panel UTEDPUA is reached. (Or panel UTP#EPA, if PANELID is turned on.) 4. The following UTIL parmlib options should appear: PFL-RECLUSTER-DEFAULT.....> SORT- CLINDX PFL-RECLUSTER-YES.....> SORT- ALL PFL-RECLUSTER-NO.....> SORT- NONE 5. Change the selected values for these options as needed. See the help panels for descriptions of the values. 6 Press <enter> one more time. The new options will appear in the updated UTIL member. With this PTF, we have delivered a method to establish default RECLUSTER keyword settings for all jobs. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts. </pre>

Service	Details
	<p>This functionality is provided by three new options in the UTIL CDBAPARM member:</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-DEFAULT <p>Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence.</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-NO <p>Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-YES <p>Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDX keyword option - The following new keyword options: <ul style="list-style-type: none"> - NO SORT-NONE - NO SORT-CLINDX - YES SORT-CLINDX - YES SORT-ALL <p>For more information about the RECLUSTER syntax, see the Fast Load documentation at https://docops.ca.com/db2fastl.</p>

Service	Details
RO95984	<p>RO95984 M.C.S. ENTRIES = ++PTF (RO95984)</p> <p>ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT</p> <p>ENHANCEMENT DESCRIPTION: For users of CA Fast Load for DB2 for z/OS (PFL), a method to establish default RECLUSTER keyword settings has been added. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts. This functionality is provided by three new options in the UTIL CDBAPARM member:</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-DEFAULT <p>Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence.</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-NO <p>Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE <p>Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <ul style="list-style-type: none"> - PFL-RECLUSTER-YES <p>Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL <p>Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default.</p> <ul style="list-style-type: none"> - SORT-CLINDEX <p>Sorts the clustering index only. The resultant tablespace rows are in input sequence.</p> <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDEX keyword option - The following new keyword options: - NO SORT-NONE - YES SORT-CLINDEX - YES SORT-ALL <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 18.0 CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem: PFL 1220</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO95984 Details

Service	Details
	<p>Copyright (C) 2017 CA. All rights reserved. R01779-D180-SP1</p> <p>DESC(ADD UTIL PARMLIB ENTRY PFL-RECLUSTER-DEFAULT). ++VER (Z038) FMID (CPUTI00) PRE (R075456 R076023 R076036 R085806 R088826 R089124 R090455 R092032 R092688 R093642 R095934) SUP (TR95984) ++IF FMID(CPFLI00) REQ(R095983) . ++IF FMID(CINSI00) REQ(R095982) . ++HOLD (R095984) SYSTEM FMID(CPUTI00) REASON (DOC) DATE (17132) COMMENT (</p> <hr/> <p> CA Utilities Common For DB2 Version 18.0 </p> <hr/> <p>***** * PUBLICATION * *****</p> <hr/> <p> CA Database Management Solution for DB2 for zOS Base Install Version 18.0 </p> <hr/> <p> SEQUENCE Before using CA Fast Load for DB2 for z/OS (PFL) </p> <hr/> <p> PURPOSE To activate this PTF, the customer must perform a post-install process to update the UTIL parmlib member. </p> <hr/> <p> USERS This process is recommended for ALL USERS; however, it is AFFECTED specific to customers using the RECLUSTER syntax option in CA Fast Load. </p> <hr/> <p> KNOWLEDGE PFL Product Administration REQUIRED </p> <hr/> <p> ACCESS Access to update the CDBAPARM library (UTIL member). REQUIRED </p> <hr/> <p> </p> <hr/> <p>***** * STEPS TO PERFORM * *****</p> <p>Update the UTIL CDBAPARM library member as follows: 1. From the CA DB2 Tools product main menu, select EP to edit a parmlib member. 2. Select the UTIL member. 3. Move through the panels by pressing <enter> until panel UTEDPUA is reached. (Or panel UTP#EPA, if PANELID is turned on.) 4. The following UTIL parmlib options should appear: PFL-RECLUSTER-DEFAULT.....> SORT- CLINDX PFL-RECLUSTER-YES.....> SORT- ALL PFL-RECLUSTER-NO.....> SORT- NONE 5. Change the selected values for these options as needed. See the help panels for descriptions of the values. 6 Press <enter> one more time. The new options will appear in the updated UTIL member.</p> <p>With this PTF, we have delivered a method to establish default RECLUSTER keyword settings for all jobs. This keyword specifies whether to sort the data and the clustering index during the load. Previously, specifying RECLUSTER in your SYSIN syntax was the only way to control these sorts.</p> <p>This functionality is provided by three new options in the UTIL CDBAPARM member:</p>

Service	Details
	<p>- PFL-RECLUSTER-DEFAULT Specifies what to sort when you omit RECLUSTER from SYSIN. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-CLINDX Sorts the clustering index only. The resultant tablespace rows are in input sequence. This value is the default. - SORT-ALL Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. - SORT-NONE Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. <p>- PFL-RECLUSTER-NO Specifies whether to sort the clustering index during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-NONE Does not sort the clustering index or the data. The data must be in the correct order. Rows that are out of order are discarded. This value is the default. - SORT-CLINDX Sorts the clustering index only. The resultant tablespace rows are in input sequence. <p>- PFL-RECLUSTER-YES Specifies what to sort during a load. The following values are valid:</p> <ul style="list-style-type: none"> - SORT-ALL Sorts the clustering index and the data. The resultant tablespace rows are in clustering sequence. This value is the default. - SORT-CLINDX Sorts the clustering index only. The resultant tablespace rows are in input sequence. <p>The existing RECLUSTER NO and YES keyword options in SYSIN now use the new UTIL parmlib settings:</p> <ul style="list-style-type: none"> - NO uses the PFL-RECLUSTER-NO value. - YES uses the PFL-RECLUSTER-YES value. <p>NOTE: The default parmlib settings provide the same product behavior that RECLUSTER NO and YES previously provided. However, if you change the parmlib settings, RECLUSTER NO and YES will behave differently as described above.</p> <p>You can override the parmlib settings by using the following RECLUSTER options in your SYSIN:</p> <ul style="list-style-type: none"> - The existing NO SORT-CLINDX keyword option - The following new keyword options: <ul style="list-style-type: none"> - NO SORT-NONE - NO SORT-CLINDX - YES SORT-CLINDX - YES SORT-ALL <p>For more information about the RECLUSTER syntax, see the Fast Load documentation at https://docops.ca.com/db2fast1.).</p>

CA DB2 Tools 18.0
 CA RS 1706 - PTF RO96052 Details

Service	Details
RO96052	<p>RO96052 M.C.S. ENTRIES = ++PTF (RO96052)</p> <p>TS TYPE MISSING FROM WARNING MESSAGE IF PARTED TABLE DROPPED</p> <p>PROBLEM DESCRIPTION: CA RC/Update for DB2 for z/OS (RCU) issues a warning message when dropping a partitioned table. The warning message does not include the partitioned tablespace types.</p> <p>SYMPTOMS: The partitioned tablespace types are missing from the warning message.</p> <p>IMPACT: No impact.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 18.0 CA RC/Update for DB2 for z/OS Version 19.0 CA RC/Update for DB2 for z/OS Version 20.0</p> <p>Related Problem: RCU 1072</p> <p>Copyright (C) 2017 CA. All rights reserved. R01781-D180-SP1</p> <p>DESC(TS TYPE MISSING FROM WARNING MESSAGE IF PARTED TABLE DROPPED). ++VER (Z038) FMID (CRCUI00) SUP (TR96029 TR96052)</p>

CA DB2 Tools 18.0
 CA RS 1706 - PTF RO96174 Details

Service	Details						
RO96174	<p>RO96174 M.C.S. ENTRIES = ++PTF (RO96174)</p> <p>TIMEZONE CHANGES NOT HONORED</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Log Analyzer for DB2 for z/OS (PLA) displays incorrect time values in the reports. This happens when reporting after daylight saving time change on log activity written before the time change.</p> <p>SYMPTOMS:</p> <p>The reported time values are shifted by exactly one hour backwards or forwards.</p> <p>IMPACT:</p> <p>Wrong time values in the reports.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table border="0"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td> <td>Release 18.0</td> </tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td> <td>Release 19.0</td> </tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td> <td>Release 20.0</td> </tr> </table> <p>Related Problem:</p> <p>PLA 1240</p> <p>Copyright (C) 2017 CA. All rights reserved. R01782-D180-SP1</p> <p>DESC(TIMEZONE CHANGES NOT HONORED).</p> <p>++VER (Z038)</p> <p>FMID (CINSI00)</p> <p>SUP (TR96174)</p> <p>++IF FMID(CPLAI00) REQ(RO96175) .</p>	CA Log Analyzer for DB2 for z/OS	Release 18.0	CA Log Analyzer for DB2 for z/OS	Release 19.0	CA Log Analyzer for DB2 for z/OS	Release 20.0
CA Log Analyzer for DB2 for z/OS	Release 18.0						
CA Log Analyzer for DB2 for z/OS	Release 19.0						
CA Log Analyzer for DB2 for z/OS	Release 20.0						

CA DB2 Tools 18.0
CA RS 1706 - PTF RO96175 Details

Service	Details						
RO96175	<p>RO96175 M.C.S. ENTRIES = ++PTF (RO96175)</p> <p>TIMEZONE CHANGES NOT HONORED</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Log Analyzer for DB2 for z/OS (PLA) displays incorrect time values in the reports. This happens when reporting after daylight saving time change on log activity written before the time change.</p> <p>SYMPTOMS:</p> <p>The reported time values are shifted by exactly one hour backwards or forwards.</p> <p>IMPACT:</p> <p>Wrong time values in the reports.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Log Analyzer for DB2 for z/OS</td> <td style="text-align: right;">Release 18.0</td> </tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td> <td style="text-align: right;">Release 19.0</td> </tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td> <td style="text-align: right;">Release 20.0</td> </tr> </table> <p>Related Problem:</p> <p>PLA 1240</p> <p>Copyright (C) 2017 CA. All rights reserved. R01782-D180-SP1</p> <p>DESC(TIMEZONE CHANGES NOT HONORED).</p> <p>++VER (Z038)</p> <p>FMID (CPLAI00)</p> <p>PRE (R073663 R075166 R075419 R075759 R078179 R078967 R082383 R085654 R092338)</p> <p>SUP (R086619 TR86619 TR95169 TR96175)</p> <p>++IF FMID(CINSI00) REQ(RO96174) .</p>	CA Log Analyzer for DB2 for z/OS	Release 18.0	CA Log Analyzer for DB2 for z/OS	Release 19.0	CA Log Analyzer for DB2 for z/OS	Release 20.0
CA Log Analyzer for DB2 for z/OS	Release 18.0						
CA Log Analyzer for DB2 for z/OS	Release 19.0						
CA Log Analyzer for DB2 for z/OS	Release 20.0						

CA DB2 Tools 18.0
CA RS 1706 - PTF RO96238 Details

Service	Details
RO96238	<p>RO96238 M.C.S. ENTRIES = ++PTF (RO96238)</p> <p>INCORRECT DEADLOCK COUNT REPORTED IN THREAD HISTORY SUMMARY</p> <p>PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) thread history summary report does not contain accurate number of deadlocks encountered in the selected interval.</p> <p>SYMPTOMS: The reported deadlock count is most likely 0.</p> <p>IMPACT: The reported value is not correct.</p> <p>CIRCUMVENTION: Edit the HTUDETL request manually and change the field "DEADLOCKS" to "SUM(DEADLOCKS)".</p> <p>PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 18.0</p> <p>Related Problem: IDB2 2153</p> <p>Copyright (C) 2017 CA. All rights reserved. R01784-D180-SP1</p> <p>DESC(INCORRECT DEADLOCK COUNT REPORTED IN THREAD HISTORY SUMMARY). ++VER (Z038) FMID (CIDBI00) PRE (RO74826 RO88508 RO91455) SUP (RO75805 TR75805 TR96238)</p>

CA DB2 Tools 18.0
CA RS 1706 - PTF RO96338 Details

Service	Details
RO96338	<p>RO96338 M.C.S. ENTRIES = ++PTF (RO96338)</p> <p>DSNB1GET ERROR AFTER PFL ON VERSIONED OBJECT</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Fast Load for DB2 for z/OS (PFL) might write system pages into a tablespace with an incorrect page number which leads to various problems in other utilities. The error can happen on a partitioned object (PBR) when using separate SYSULDxx input datasets for the partitions.</p> <p>SYMPTOMS:</p> <p>Various symptoms may appear based on the utility used on the partition with the broken page. For example when running IBM COPY, the following messages will appear in the COPY SYSPRINT:</p> <p>DSNUGUTC - COPY TABLESPACE db.ts COPYDDN(ddn) FULL YES SHRLEVEL shrlvl DSNUM nn</p> <p>DSNUGSAT - UTILITY DATA BASE SERVICES MEMORY EXECUTION ABENDED, REASON=X'00C200F7'</p> <p>DSNUGBAC - UTILITY BATCH MEMORY EXECUTION ABENDED, REASON=X'00E40347'</p> <p>The DB2 subsystem MSTR started task will contain the following messages:</p> <p>DSNB226I !ssid DSNB1GET - BUFFER MANAGER PAGE GET</p> <p>ROUTINE</p> <p>DETECTED AN INVALID PAGE IN</p> <p>DBNAME=db</p> <p>SPACENAME=ts</p> <p>INSTANCE=1</p> <p>DATA SET NUMBER=nn</p> <p>PAGE NUMBER EXPECTED=X'xxxxxxxx'</p> <p>PAGE NUMBER FOUND=X'yyyyyyyy'</p> <p>IMPACT:</p> <p>Unable to run utilities on the partition with the broken page.</p> <p>CIRCUMVENTION:</p> <p>Run a REORG on the tablespace to fix the system pages.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 18.0 CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PFL 1219</p> <p>Copyright (C) 2017 CA. All rights reserved. R01789-D180-SP1</p> <p>DESC(DSNB1GET ERROR AFTER PFL ON VERSIONED OBJECT). ++VER (Z038) FMID (CPFLI00) PRE (R075158 R077232 R082275 R083928 R085385 R086311 R088555 R089121 R090638 R091398 R091526 R092432 R092448 R092687 R093611 R093639 R094077 R094479 R095501) SUP (R077538 R079476 R086389 R092120 TR77538 TR79476 TR84218 TR86389 TR92120 TR96338)</p>

CA DB2 Tools 18.0
CA RS 1706 Product/Component Listing

Product Family	Product	Release
DB2 Tools	CA BIND ANALYZER FOR DB2 FOR Z/OS	18.00.00
	CA DATABASE ANALYZER FOR DB2 FOR Z/OS	18.00.00
	CA DATABASE MANAGEMENT ENDEVOR FOR DB2	18.00.00
	CA DATABASE MANAGEMENT SOLUTION FOR DB2 FOR ZOS BASE INSTALL	18.00.00
	CA DETECTOR FOR DB2 FOR Z/OS	18.00.00
	CA FAST LOAD FOR DB2	18.00.00
	CA FAST UNLOAD FOR DB2	18.00.00
	CA LOG ANALYZER FOR DB2 FOR Z/OS	18.00.00
	CA PLAN ANALYZER FOR DB2	18.00.00
	CA RAPID REORG FOR DB2	18.00.00
	CA RC/EXTRACT FOR DB2	18.00.00
	CA RC/MIGRATOR FOR DB2 FOR Z/OS	18.00.00
	CA RC/QUERY FOR DB2	18.00.00
	CA RC/SECURE FOR DB2	18.00.00
	CA RC/UPDATE FOR DB2	18.00.00
	CA RECOVERY ANALYZER FOR DB2	18.00.00
	CA REPORT FACILITY CICS	18.00.00
	CA REPORT FACILITY IMS	18.00.00
	CA REPORT FACILITY TSO	18.00.00
	CA SNAPSHOT GENERAL SERVICES FOR DB2	18.00.00
	CA SUBSYSTEM ANALYZER FOR DB2	18.00.00
	CA SYSDIAG PERFORMANCE MANAGEMENT OPTION FOR DB2	18.00.00
	CA UTILITIES COMMON FOR DB2	18.00.00
	CA XNET COMMUNICATIONS SERVER FOR DB2	18.00.00
	UTILITY GENERAL RECOVERY AND PFR PMM PQC PFC	18.00.00

The CA RS 1706 Product/Component Count for this release is 25

CA DB2 Tools 18.0
All CA RS Levels Service List

CA RS Level	Service	FMID	
CAR1706	R096338	CPFLI00	
	R096238	CIDBI00	
	R096175	CPLAI00	
	R096174	CINSI00	
	R096052	CRCUI00	
	R095984	CPUTI00	
	R095983	CPFLI00	
	R095982	CINSI00	
	R095959	CPDTI00	
	R095934	CPUTI00	
	R095933	CPFLI00	
	R095650	CINSI00	
	CAR1705	R095669	CPFUI00
		R095668	CPFUI00
		R095651	CPFUI00
R095504		CUGRI00	
R095503		CPUTI00	
R095502		CPRRI00	
R095501		CPFLI00	
R095432		CINSI00	
R095341		CINSI00	
R095337		CINSI00	
R095262		CIDBI00	
R095259		CIDBI00	
R095101		CPFUI00	
CAR1704		R095145	CPRRI00
		R095127	CPSAI00
	R095085	CPFUI00	
	R095079	CIDBI00	
	R095019	CIDBI00	
	R094941	CINSI00	
	R094923	CPDTI00	
	R094803	CPLAI00	
	R094784	CPFUI00	
	R094773	CPPAI00	
	R094758	CINSI00	
	R094750	CPRAI00	
	R094648	CIDBI00	
	R094581	CIDBI00	
	CAR1703	R094670	CIDBI00
R094644		CINSI00	
R094576		CIDBI00	
R094538		CPSAI00	
R094516		CPDTI00	
R094503		CUGRI00	
R094496		CPDTI00	
R094486		CRCSI00	
R094480		CPUTI00	
R094479		CPFLI00	
R094459		CIDBI00	
R094427		CPDAI00	
R094426		CINSI00	
R094407		CINSI00	
R094396		CPRFI00	
R094391	CUGRI00		

CA DB2 Tools 18.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	RO94374	CPSAI00
	RO94320	CIDBI00
	RO94294	CIDBI00
	RO94286	CPRAI00
	RO94061	CPSAI00
	RO94060	CPDTI00
	RO94051	CPDTI00
	RO94005	CINSI00
	RO93986	CINSI00
CAR1702	RO94221	CINSI00
	RO94117	CPPAI00
	RO94099	CIDBI00
	RO94078	CPUTI00
	RO94077	CPFLI00
	RO94075	CRCMI00
	RO94029	CINSI00
	RO94007	CPLAI00
	RO93941	CPUTI00
	RO93940	CPFUI00
	RO93882	CINSI00
	RO93848	CINSI00
	RO93758	CPDTI00
	RO93752	CPSAI00
	RO93751	CPDTI00
	RO93675	CUGRI00
	RO93674	CPFUI00
	RO93649	CUGRI00
	RO93302	CINSI00
CAR1701	RO93700	CPPAI00
	RO93694	CINSI00
	RO93643	CUGRI00
	RO93642	CPUTI00
	RO93641	CPRRI00
	RO93640	CPFUI00
	RO93639	CPFLI00
	RO93638	CINSI00
	RO93624	CPRRI00
	RO93611	CPFLI00
	RO93592	CPRRI00
	RO93583	CPDTI00
	RO93565	CRCQI00
	RO93551	CPDTI00
	RO93526	CPDTI00
	RO93494	CINSI00
	RO93492	CINSI00
	RO93483	CRCXI00
	RO93461	CPRFI02
	RO93460	CPRFI01
	RO93459	CPRFI00
	RO93426	CPUTI00
	RO93425	CPRRI00
	RO93422	CIDBI00
	RO93386	CPSAI00
	RO93385	CPDTI00
	RO93384	CINSI00

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CA RS Level	Service	FMID
	R093374	CPUTI00
	R093358	CINSI00
	R093279	CAHOI00
	R093248	CPDTI00
	R093040	CRCQI00
CAR1612	R093327	CPDTI00
	R093260	CINSI00
	R093259	CIDBI00
	R093228	CINSI00
	R093191	CINSI00
	R093159	CPDTI00
	R093142	CIDBI00
	R093140	CRCXI00
	R093139	CIDBI00
	R093138	CINSI00
	R093129	CPDTI00
	R093112	CPUTI00
	R093079	CINSI00
	R093076	CPDTI00
	R092986	CPRRI00
	R092984	CPFUI00
	R092902	CINSI00
	R092881	CUGRI00
	R092879	CINSI00
	R092871	CPDAI00
	R092868	CPDAI00
	R092865	CPFUI00
	R092689	CUGRI00
	R092688	CPUTI00
	R092687	CPFLI00
	R092686	CINSI00
CAR1611	R092825	CPFUI00
	R092822	CRCXI00
	R092775	CINSI00
	R092662	CPFUI00
	R092647	CPUTI00
	R092616	CINSI00
	R092605	CUGRI00
	R092591	CPDTI00
	R092537	CRCMI00
	R092533	CINSI00
	R092522	CPLAI00
	R092510	CINSI00
	R092503	CIDBI00
	R092501	CIDBI00
	R092498	CINSI00
	R092496	CINSI00
	R092483	CPDTI00
	R092482	CPDTI00
	R092473	CINSI00
	R092472	CPRFI00
	R092448	CPFLI00
	R092438	CPFUI00
	R092433	CPRRI00
	R092432	CPFLI00

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CA RS Level	Service	FMID
	R092420	CPDTI00
	R092338	CPLAI00
	R092330	CPFUI00
	R092305	CIDBI00
	R092292	CUGRI00
	R092291	CPUTI00
	R092290	CINSI00
	R092289	CIDBI00
	R092237	CPLAI00
	R092118	CINSI00
	R091922	CIDBI00
CAR1610	R092303	CPSAI00
	R092298	CPRFI02
	R092297	CPRFI01
	R092296	CPRFI00
	R092276	CPFUI00
	R092232	CPPAI00
	R092231	CINSI00
	R092143	CRCQI00
	R092120	CPFLI00
	R092102	CIDBI00
	R092097	CINSI00
	R092083	CINSI00
	R092032	CPUTI00
	R092012	CINSI00
	R092010	CUGRI00
	R091963	CINSI00
	R091945	CINSI00
	R091926	CAHOI00
	R091915	CIDBI00
	R091914	CIDBI00
	R091810	CPDTI00
	R091759	CINSI00
	R091743	CPUTI00
	R091742	CPFUI00
	R091741	CPFLI00
	R091723	CIDBI00
CAR1609	R091861	CINSI00
	R091833	CPDTI00
	R091826	CPLAI00
	R091711	CINSI00
	R091673	CUGRI00
	R091668	CPRFI02
	R091667	CPRFI01
	R091666	CPRFI00
	R091615	CPDTI00
	R091601	CUGRI00
	R091600	CINSI00
	R091537	CINSI00
	R091530	CUGRI00
	R091529	CPUTI00
	R091528	CPRRI00
	R091527	CPFUI00
	R091526	CPFLI00
	R091514	CINSI00

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CA RS Level	Service	FMID
	RO91491	CPDAI00
	RO91484	CPUTI00
	RO91483	CPUTI00
	RO91482	CINSI00
	RO91477	CPUTI00
	RO91476	CPRII00
	RO91455	CIDBI00
	RO91448	CPUTI00
	RO91446	CPFLI00
	RO91440	CINSI00
	RO91400	CPUTI00
	RO91399	CPRII00
	RO91398	CPFLI00
	RO91397	CINSI00
	RO91346	CIDBI00
	RO91344	CPLAI00
	RO91343	CINSI00
	RO91333	CINSI00
	RO91286	CUGRI00
	RO91285	CPUTI00
	RO91284	CPRII00
	RO91283	CPFLI00
	RO91282	CPDAI00
	RO91281	CINSI00
	RO90659	CTGRI00
CAR1608	RO91299	CPPAI00
	RO91298	CINSI00
	RO91222	CINSI00
	RO91195	CIDBI00
	RO91190	CINSI00
	RO91184	CPDTI00
	RO91183	CPDAI00
	RO91182	CINSI00
	RO91110	CINSI00
	RO91107	CINSI00
	RO91099	CINSI00
	RO91088	CPFLI00
	RO91065	CINSI00
	RO91045	CIDBI00
	RO90994	CIDBI00
	RO90986	CPDTI00
	RO90973	CINSI00
	RO90936	CPDTI00
	RO90931	CINSI00
	RO90925	CPFLI00
	RO90921	CINSI00
	RO90918	CPFUI00
	RO90912	CPDTI00
	RO90911	CINSI00
	RO90848	CPRFI02
	RO90847	CPRFI01
	RO90846	CPRFI00
	RO90836	CINSI00
	RO90817	CINSI00
	RO90816	CAHOI00

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CA RS Level	Service	FMID
	RO90814	CIDBI00
	RO90736	CRCUI00
	RO90724	CPDTI00
	RO90639	CPUTI00
	RO90638	CPFLI00
	RO90456	CUGRI00
	RO90455	CPUTI00
	RO90454	CPRRI00
	RO90453	CPFUI00
	RO90452	CPFLI00
	RO90451	CINSI00
CAR1607	RO90709	CPFUI00
	RO90697	CINSI00
	RO90692	CIDBI00
	RO90688	CPRAI00
	RO90675	CINSI00
	RO90594	CIDBI00
	RO90548	CPDAI00
	RO90544	CINSI00
	RO90520	CPRFI02
	RO90519	CPRFI01
	RO90518	CPRFI00
	RO90504	CPDTI00
	RO90503	CINSI00
	RO90475	CRCQI00
	RO90462	CPSAI00
	RO90459	CINSI00
	RO90443	CPDTI00
	RO90437	CIDBI00
	RO90427	CPXNI00
	RO90426	CPUTI00
	RO90425	CPSAI00
	RO90424	CPLAI00
	RO90423	CPBAI00
	RO90422	CINSI00
	RO90421	CIDBI00
	RO90413	CPPAI00
	RO90412	CINSI00
	RO90409	CINSI00
	RO90408	CUGRI00
	RO90407	CRCQI00
	RO90392	CIDBI00
	RO90377	CINSI00
	RO90342	CPDTI00
	RO90311	CINSI00
	RO90296	CINSI00
	RO90279	CPRRI00
	RO90261	CPSAI00
	RO90260	CPDTI00
	RO90253	CIDBI00
	RO90252	CIDBI00
	RO90214	CPLAI00
	RO90206	CPDTI00
	RO90205	CINSI00
	RO90174	CUGRI00

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CA RS Level	Service	FMID	
CAR1606	RO90207	CINSI00	
	RO90194	CUGRI00	
	RO90171	CPRAI00	
	RO90145	CUGRI00	
	RO90144	CINSI00	
	RO90138	CPDTI00	
	RO90122	CPLAI00	
	RO90114	CINSI00	
	RO90098	CINSI00	
	RO90072	CRCUI00	
	RO90064	CPDAI00	
	RO90008	CINSI00	
	RO89996	CIDBI00	
	RO89976	CUGRI00	
	RO89947	CIDBI00	
	RO89923	CIDBI00	
	RO89916	CINSI00	
	RO89891	CUGRI00	
	RO89864	CIDBI00	
	RO89856	CINSI00	
	RO89823	CINSI00	
	RO89822	CIDBI00	
	RO89821	CPDTI00	
	RO89807	CINSI00	
	RO89781	CPFUI00	
	RO89775	CINSI00	
	RO89767	CUGRI00	
	RO89760	CRCQI00	
	RO89745	CPLAI00	
	RO89744	CINSI00	
	RO89617	CPFLI00	
	CAR1605	RO89723	CIDBI00
		RO89721	CRCXI00
RO89713		CINSI00	
RO89659		CIDBI00	
RO89650		CPDTI00	
RO89648		CPFUI00	
RO89632		CPDAI00	
RO89631		CINSI00	
RO89592		CINSI00	
RO89590		CIDBI00	
RO89567		CINSI00	
RO89566		CPPAI00	
RO89565		CINSI00	
RO89531		CINSI00	
RO89524		CIDBI00	
RO89512		CUGRI00	
RO89511		CPUTI00	
RO89510		CPRRI00	
RO89509		CPFLI00	
RO89487		CINSI00	
RO89485		CINSI00	
RO89456		CPRFI02	
RO89455		CPRFI01	
RO89454	CPRFI00		

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CA RS Level	Service	FMID
	RO89425	CRCUI00
	RO89424	CINSI00
	RO89420	CPPAI00
	RO89419	CINSI00
	RO89401	CPRFI02
	RO89400	CPRFI01
	RO89399	CPRFI00
	RO89372	CINSI00
	RO89313	CPFUI00
	RO89311	CPFUI00
	RO89302	CPDTI00
	RO89284	CINSI00
	RO89280	CUGRI00
	RO89271	CINSI00
	RO89232	CIDBI00
	RO89229	CPDTI00
	RO89205	CIDBI00
	RO89198	CUGRI00
	RO89197	CINSI00
	RO89146	CPSAI00
	RO89145	CINSI00
	RO89124	CPUTI00
	RO89123	CPRRI00
	RO89122	CPFUI00
	RO89121	CPFLI00
	RO89109	CIDBI00
	RO89095	CPSAI00
	RO89040	CUGRI00
	RO88776	CIDBI00
CAR1604	RO89226	CPPAI00
	RO89201	CIDBI00
	RO89186	CINSI00
	RO89179	CIDBI00
	RO89173	CPDTI00
	RO89130	CPFUI00
	RO89106	CPDAI00
	RO89098	CPDTI00
	RO89058	CPRAI00
	RO89037	CIDBI00
	RO89032	CIDBI00
	RO89028	CINSI00
	RO89000	CINSI00
	RO88997	CIDBI00
	RO88847	CPDTI00
	RO88835	CPDTI00
	RO88826	CPUTI00
	RO88825	CPRRI00
	RO88824	CINSI00
	RO88783	CINSI00
	RO88780	CPDAI00
	RO88779	CPPAI00
	RO88749	CPSAI00
	RO88748	CPDTI00
	RO88747	CINSI00
	RO88746	CIDBI00

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CA RS Level	Service	FMID
	RO88734	CRCQI00
	RO88694	CINSI00
	RO88693	CINSI00
	RO88692	CIDBI00
	RO88640	CINSI00
	RO88638	CRCQI00
	RO88608	CINSI00
	RO88600	CPUTI00
	RO88593	CRCXI00
	RO88555	CPFLI00
	RO88548	CINSI00
	RO88540	CPRFI02
	RO88539	CPRFI01
	RO88538	CPRFI00
	RO88503	CINSI00
	RO88447	CPDTI00
	RO88175	CIDBI00
	RO87285	CPSAI00
CAR1603	RO88508	CIDBI00
	RO88437	CPDTI00
	RO88422	CRCXI00
	RO88421	CINSI00
	RO88308	CIDBI00
	RO88302	CPDTI00
	RO88292	CINSI00
	RO88289	CPFUI00
	RO88285	CRCUI00
	RO88247	CINSI00
	RO88236	CINSI00
	RO88222	CPLAI00
	RO88174	CPFLI00
	RO88160	CINSI00
	RO88150	CPUTI00
	RO88148	CPDAI00
	RO88147	CINSI00
	RO88140	CPDAI00
	RO88138	CPDAI00
	RO88022	CPDTI00
	RO88008	CIDBI00
	RO87990	CINSI00
	RO87987	CPFUI00
	RO87933	CINSI00
	RO87899	CRCXI00
	RO87859	CPRII00
	RO87854	CINSI00
	RO87673	CIDBI00
	RO86437	CPRII00
CAR1602	RO87937	CPDAI00
	RO87901	CIDBI00
	RO87894	CPRFI02
	RO87893	CPRFI01
	RO87892	CPRFI00
	RO87822	CPSAI00
	RO87786	CPDTI00
	RO87732	CPFUI00

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CA RS Level	Service	FMID
	R087697	CUGRI00
	R087696	CPUTI00
	R087695	CPRRI00
	R087694	CPFUI00
	R087693	CPFLI00
	R087692	CINSI00
	R087681	CINSI00
	R087647	CPRFI02
	R087646	CPRFI01
	R087645	CPRFI00
	R087643	CPRFI02
	R087642	CPRFI01
	R087641	CPRFI00
	R087640	CIDBI00
	R087637	CIDBI00
	R087622	CINSI00
	R087618	CPDTI00
	R087610	CRCXI00
	R087575	CPRFI02
	R087574	CPRFI01
	R087573	CPRFI00
	R087568	CUGRI00
	R087557	CPRRI00
	R087536	CIDBI00
	R087526	CINSI00
	R087506	CPFLI00
	R087505	CINSI00
	R087497	CINSI00
	R087490	CIDBI00
	R087465	CPDTI00
	R087458	CUGRI00
	R087408	CINSI00
	R087284	CINSI00
	R087242	CPRRI00
	R086869	CINSI00
CAR1601	R087426	CPDTI00
	R087313	CINSI00
	R087304	CPRFI02
	R087303	CPRFI01
	R087302	CPRFI00
	R087279	CPRRI00
	R087275	CINSI00
	R087231	CINSI00
	R087226	CPFLI00
	R087209	CPDTI00
	R087207	CINSI00
	R087204	CRCXI00
	R087202	CRCXI00
	R087197	CPFLI00
	R087152	CPPAI00
	R087151	CINSI00
	R087111	CPDTI00
	R087110	CPDAI00
	R087109	CINSI00
	R087108	CPDTI00

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CA RS Level	Service	FMID
	RO87069	CPLAI00
	RO87068	CINSI00
	RO87066	CINSI00
	RO87044	CPLAI00
	RO87043	CINSI00
	RO87042	CPUTI00
	RO87037	CPFUI00
	RO87032	CPRAI00
	RO87015	CPRII00
	RO86997	CPRII00
	RO86996	CINSI00
	RO86977	CPRII00
	RO86939	CRCQI00
	RO86932	CINSI00
	RO86912	CINSI00
	RO86908	CRCXI00
	RO86896	CINSI00
	RO86894	CINSI00
	RO86855	CPFLI00
	RO86834	CUGRI00
	RO86833	CPUTI00
	RO86827	CINSI00
	RO86821	CINSI00
	RO86799	CPLAI00
	RO86788	CINSI00
	RO86787	CINSI00
	RO86747	CIDBI00
	RO86732	CIDBI00
	RO86728	CPFLI00
	RO86647	CPUTI00
	RO86646	CPFUI00
	RO86618	CINSI00
	RO86549	CINSI00
	RO86523	CINSI00
CAR1512	RO86781	CRCSI00
	RO86740	CPFLI00
	RO86736	CIDBI00
	RO86733	CRCQI00
	RO86727	CINSI00
	RO86710	CPDTI00
	RO86666	CPRII00
	RO86663	CINSI00
	RO86660	CIDBI00
	RO86627	CPUTI00
	RO86626	CPRII00
	RO86625	CPFLI00
	RO86619	CPLAI00
	RO86608	CRCXI00
	RO86607	CPFUI00
	RO86583	CPUTI00
	RO86540	CPUTI00
	RO86539	CPRII00
	RO86535	CPDTI00
	RO86534	CPRII00
	RO86512	CRCSI00

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CA RS Level	Service	FMID
	RO86510	CIDBI00
	RO86489	CTGRI00
	RO86461	CRCXI00
	RO86460	CPFUI00
	RO86423	CPRAI00
	RO86414	CPDTI00
	RO86389	CPFLI00
	RO86385	CINSI00
	RO86357	CIDBI00
	RO86352	CINSI00
	RO86315	CPDTI00
	RO86311	CPFLI00
	RO86300	CPUTI00
	RO86299	CPFLI00
	RO86276	CUGRI00
	RO86275	CRCXI00
	RO86274	CRCXI00
	RO86273	CRCQI00
	RO86272	CRCMI00
	RO86271	CPXNI00
	RO86270	CPUTI00
	RO86269	CPSAI00
	RO86268	CPRFI00
	RO86267	CPRAI00
	RO86266	CPPAI00
	RO86265	CPLAI00
	RO86264	CPDTI00
	RO86263	CPDAI00
	RO86262	CPBAI00
	RO86261	CINSI00
	RO86260	CIDBI00
	RO86194	CPSAI00
	RO86154	CIDBI00
	RO86125	CPRRI00
	RO86114	CINSI00
	RO86111	CPPAI00
	RO86108	CIDBI00
	RO86075	CIDBI00
	RO86074	CIDBI00
	RO86067	CUGRI00
	RO86065	CUGRI00
	RO86048	CINSI00
	RO86017	CINSI00
	RO85995	CINSI00
	RO85984	CIDBI00
	RO85971	CINSI00
	RO85957	CINSI00
	RO85951	CINSI00
	RO85913	CRCUI00
	RO85829	CTGRI00
	RO85806	CPUTI00
	RO85803	CPFLI00
	RO85802	CINSI00
CAR1511	RO85972	CPRRI00
	RO85958	CINSI00

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CA RS Level	Service	FMID
	R085943	CINSI00
	R085941	CPUTI00
	R085926	CINSI00
	R085922	CPFLI00
	R085894	CINSI00
	R085859	CPRAI00
	R085856	CIDBI00
	R085854	CUGRI00
	R085821	CPDTI00
	R085759	CIDBI00
	R085758	CIDBI00
	R085734	CUGRI00
	R085710	CINSI00
	R085709	CPUTI00
	R085708	CPFUI00
	R085707	CPFLI00
	R085696	CINSI00
	R085686	CPSAI00
	R085679	CINSI00
	R085665	CRCMI00
	R085654	CPLAI00
	R085640	CIDBI00
	R085637	CPFLI00
	R085634	CINSI00
	R085627	CPUTI00
	R085626	CPFLI00
	R085614	CIDBI00
	R085608	CRCQI00
	R085607	CINSI00
	R085604	CPDTI00
	R085594	CINSI00
	R085584	CRCXI00
	R085583	CRCXI00
	R085582	CRCXI00
	R085581	CRCXI00
	R085569	CINSI00
	R085566	CPUTI00
	R085565	CPRRI00
	R085561	CINSI00
	R085529	CIDBI00
	R085527	CRCUI00
	R085522	CPDTI00
	R085521	CINSI00
	R085481	CINSI00
	R085474	CRCQI00
	R085468	CPDTI00
	R085441	CPRAI00
	R085435	CPRRI00
	R085418	CINSI00
	R085397	CINSI00
	R085395	CIDBI00
	R085391	CPRFI00
	R085386	CPUTI00
	R085385	CPFLI00
	R085342	CRCUI00

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CA RS Level	Service	FMID
	R085332	CINSI00
	R085331	CPXNI00
	R085294	CUGRI00
	R085287	CPRFI00
	R085263	CPFLI00
	R085259	CIDBI00
	R085252	CRCUI00
	R085247	CPDTI00
	R085228	CINSI00
	R085226	CINSI00
	R085223	CPUTI00
	R085222	CPRRI00
	R085200	CINSI00
	R085182	CIDBI00
	R085172	CPUTI00
	R085171	CPFLI00
	R085120	CPRRI00
	R085115	CPPAI00
	R085107	CINSI00
	R085092	CINSI00
	R085071	CRCQI00
	R085050	CINSI00
	R085047	CINSI00
	R085046	CRCQI00
	R085044	CRCQI00
	R085037	CUGRI00
	R085034	CRCQI00
	R085033	CINSI00
	R085016	CPDTI00
	R085015	CPUTI00
	R085014	CPFLI00
	R084997	CIDBI00
	R084989	CIDBI00
	R084979	CIDBI00
	R084960	CPDTI00
	R084905	CIDBI00
	R084770	CIDBI00
	R084716	CPDAI00
CAR1510	R085087	CINSI00
	R085023	CPFLI00
	R084999	CPPAI00
	R084972	CIDBI00
	R084941	CINSI00
	R084940	CINSI00
	R084898	CPDTI00
	R084895	CPRRI00
	R084889	CINSI00
	R084844	CPFLI00
	R084818	CIDBI00
	R084812	CINSI00
	R084811	CPFLI00
	R084774	CINSI00
	R084719	CINSI00
	R084715	CRCSI00
	R084676	CPRAI00

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CA RS Level	Service	FMID
	R084650	CRCQI00
	R084624	CRCQI00
	R084614	CIDBI00
	R084579	CRCQI00
	R084572	CPSAI00
	R084506	CRCUI00
	R084505	CPLAI00
	R084504	CINSI00
	R084503	CIDBI00
	R084451	CRCUI00
	R084450	CPUTI00
	R084449	CPPAI00
	R084448	CPLAI00
	R084447	CPFUI00
	R084446	CPDTI00
	R084445	CPDAI00
	R084444	CINSI00
	R084427	CRCQI00
	R084408	CINSI00
	R084403	CINSI00
	R084387	CIDBI00
	R084357	CIDBI00
	R084350	CINSI00
	R084333	CPXNI00
	R084332	CINSI00
	R084327	CINSI00
	R084311	CPRAI00
	R084292	CPFUI00
	R084280	CRCQI00
	R084271	CINSI00
	R084258	CPFUI00
	R084242	CPRRI00
	R084229	CUGRI00
	R084203	CPPAI00
	R084202	CPBAI00
	R084201	CINSI00
	R084200	CPDTI00
	R084186	CPPAI00
	R084185	CINSI00
	R083930	CPUTI00
	R083929	CPRRI00
	R083928	CPFLI00
	R083854	CINSI00
CAR1509	R084195	CINSI00
	R084178	CINSI00
	R084088	CRCSI00
	R084083	CPUTI00
	R083976	CPRRI00
	R083945	CPUTI00
	R083937	CUGRI00
	R083919	CPRFI02
	R083918	CPRFI01
	R083917	CPRFI00
	R083890	CPFUI00
	R083874	CIDBI00

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CA RS Level	Service	FMID
	RO83851	CPSAI00
	RO83838	CPFUI00
	RO83829	CIDBI00
	RO83826	CRCQI00
	RO83825	CINSI00
	RO83817	CINSI00
	RO83789	CUGRI00
	RO83788	CPUTI00
	RO83784	CPRAI00
	RO83776	CPDTI00
	RO83760	CPUTI00
	RO83759	CPFLI00
	RO83751	CINSI00
	RO83711	CIDBI00
	RO83708	CIDBI00
	RO83695	CPDTI00
	RO83680	CPLAI00
	RO83642	CAHOI00
	RO83638	CRCUI00
	RO83637	CRCQI00
	RO83626	CPFUI00
	RO83622	CINSI00
	RO83619	CPUTI00
	RO83587	CINSI00
	RO83548	CPFUI00
	RO83541	CINSI00
	RO83539	CPRII00
	RO83537	CINSI00
	RO83528	CRCQI00
	RO83527	CINSI00
	RO83526	CINSI00
	RO83479	CPFUI00
	RO83466	CIDBI00
	RO83464	CPLAI00
	RO83438	CPRFI02
	RO83437	CPRFI01
	RO83436	CPRFI00
	RO83397	CINSI00
	RO83394	CPUTI00
	RO83374	CUGRI00
	RO83373	CINSI00
	RO83359	CPDTI00
	RO83358	CINSI00
	RO83344	CPRII00
	RO83334	CRCUI00
	RO83329	CINSI00
	RO83287	CINSI00
	RO83262	CUGRI00
	RO83216	CIDBI00
CAR1508	RO83388	CPDTI00
	RO83305	CPSAI00
	RO83304	CINSI00
	RO83303	CIDBI00
	RO83299	CRCSI00
	RO83253	CIDBI00

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CA RS Level	Service	FMID
	R083239	CPRI00
	R083224	CPRAI00
	R083221	CUGRI00
	R083209	CPDTI00
	R083185	CIDBI00
	R083170	CINSI00
	R083158	CINSI00
	R083153	CINSI00
	R083151	CINSI00
	R083142	CINSI00
	R083111	CINSI00
	R083061	CIDBI00
	R083059	CINSI00
	R082974	CPDTI00
	R082951	CPSAI00
	R082938	CPDTI00
	R082925	CPFLI00
	R082899	CPFUI00
	R082890	CIDBI00
	R082884	CPDTI00
	R082878	CPUTI00
	R082862	CPLAI00
	R082844	CINSI00
	R082843	CAHOI00
	R082768	CPDAI00
	R082750	CINSI00
	R082744	CPFLI00
	R082739	CPFUI00
	R082726	CRCQI00
	R082720	CIDBI00
	R082717	CRCUI00
	R082711	CPDTI00
	R082700	CPSAI00
	R082695	CPFUI00
	R082679	CINSI00
	R082587	CPDTI00
	R082583	CINSI00
	R082578	CPDTI00
	R082574	CPUTI00
	R082566	CIDBI00
	R082562	CRCUI00
	R082561	CPLAI00
	R082560	CINSI00
	R082556	CRCXI00
	R082527	CIDBI00
	R082518	CPDTI00
	R082512	CINSI00
	R082436	CPFUI00
	R082325	CIDBI00
	R082135	CINSI00
CAR1507	R082507	CINSI00
	R082505	CINSI00
	R082484	CINSI00
	R082482	CRCXI00
	R082474	CPUTI00

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CA RS Level	Service	FMID
	RO82417	CINSI00
	RO82383	CPLAI00
	RO82328	CIDBI00
	RO82322	CUGRI00
	RO82321	CRCXI00
	RO82320	CRCUI00
	RO82319	CRCQI00
	RO82318	CPPAI00
	RO82317	CPLAI00
	RO82286	CRCQI00
	RO82278	CUGRI00
	RO82277	CPUTI00
	RO82276	CPRRI00
	RO82275	CPFLI00
	RO82274	CINSI00
	RO82242	CINSI00
	RO82229	CIDBI00
	RO82176	CPDTI00
	RO82145	CUGRI00
	RO82144	CPUTI00
	RO82143	CPRRI00
	RO82142	CPFLI00
	RO82105	CINSI00
	RO82100	CPFLI00
	RO82069	CPRAI00
	RO82067	CIDBI00
	RO82048	CINSI00
	RO82027	CPFLI00
	RO82010	CPFUI00
	RO82008	CPUTI00
	RO81991	CUGRI00
	RO81975	CINSI00
	RO81947	CIDBI00
	RO81934	CIDBI00
	RO81933	CIDBI00
	RO81882	CINSI00
	RO81881	CPDTI00
	RO81867	CPUTI00
	RO81828	CPUTI00
	RO81827	CINSI00
	RO81720	CIDBI00
	RO81703	CPRRI00
	RO81679	CPUTI00
	RO81670	CAHOI00
	RO81619	CIDBI00
	RO81583	CIDBI00
	RO81582	CIDBI00
	RO81562	CTGRI00
	RO81542	CIDBI00
	RO81515	CPRRI00
	RO81514	CINSI00
	RO81335	CIDBI00
CAR1506	RO81605	CINSI00
	RO81550	CINSI00
	RO81457	CINSI00

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CA RS Level	Service	FMID
	RO81440	CRCXI00
	RO81439	CRCQI00
	RO81436	CIDBI00
	RO81417	CPDTI00
	RO81404	CIDBI00
	RO81402	CINSI00
	RO81400	CPSAI00
	RO81399	CPDTI00
	RO81394	CPDTI00
	RO81363	CRCXI00
	RO81339	CIDBI00
	RO81327	CIDBI00
	RO81323	CPRAI00
	RO81295	CPFUI00
	RO81276	CPLAI00
	RO81236	CPFLI00
	RO81235	CPFUI00
	RO81218	CINSI00
	RO81216	CPLAI00
	RO81209	CINSI00
	RO81205	CPRII00
	RO81196	CPDTI00
	RO81174	CPLAI00
	RO81146	CPDTI00
	RO81132	CIDBI00
	RO81131	CIDBI00
	RO81108	CIDBI00
	RO81075	CINSI00
	RO81060	CIDBI00
	RO80960	CPUTI00
	RO80959	CPFLI00
	RO80951	CINSI00
	RO80931	CINSI00
	RO80911	CINSI00
	RO80899	CPDTI00
	RO80897	CPDTI00
	RO80890	CPFUI00
	RO80886	CINSI00
	RO80874	CPFUI00
	RO80869	CPDTI00
	RO80610	CIDBI00
CAR1505	RO80818	CINSI00
	RO80800	CPSAI00
	RO80755	CINSI00
	RO80750	CINSI00
	RO80742	CIDBI00
	RO80727	CRCQI00
	RO80696	CPRAI00
	RO80682	CRCQI00
	RO80620	CINSI00
	RO80591	CINSI00
	RO80582	CINSI00
	RO80581	CINSI00
	RO80571	CPFUI00
	RO80522	CIDBI00

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CA RS Level	Service	FMID
	RO80515	CIDBI00
	RO80447	CPFUI00
	RO80397	CPDTI00
	RO80353	CPRII00
	RO80328	CPDTI00
	RO80327	CINSI00
	RO80269	CPUTI00
	RO80267	CPRII00
	RO80242	CIDBI00
	RO80205	CPDTI00
	RO80194	CPDTI00
	RO80175	CPPAI00
	RO80174	CINSI00
	RO80139	CUGRI00
	RO80092	CINSI00
	RO80071	CPSAI00
	RO80054	CINSI00
	RO80038	CPDTI00
	RO80020	CINSI00
	RO80012	CPDTI00
	RO79983	CINSI00
	RO79957	CRCQI00
	RO79949	CPDTI00
	RO79944	CINSI00
	RO79935	CPSAI00
	RO79934	CPDTI00
	RO79933	CINSI00
	RO79905	CINSI00
	RO79897	CPUTI00
	RO79896	CPFLI00
	RO79881	CIDBI00
CAR1504	RO79877	CPDTI00
	RO79781	CINSI00
	RO79705	CIDBI00
	RO79656	CUGRI00
	RO79644	CINSI00
	RO79636	CINSI00
	RO79622	CINSI00
	RO79599	CPFUI00
	RO79596	CINSI00
	RO79590	CUGRI00
	RO79589	CPUTI00
	RO79588	CPRII00
	RO79587	CPFUI00
	RO79586	CPFLI00
	RO79584	CINSI00
	RO79579	CPFUI00
	RO79578	CPFUI00
	RO79574	CPDTI00
	RO79520	CPRAI00
	RO79483	CINSI00
	RO79476	CPFLI00
	RO79460	CINSI00
	RO79456	CPDAI00
	RO79454	CINSI00

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CA RS Level	Service	FMID
	RO79431	CPDTI00
	RO79428	CINSI00
	RO79408	CINSI00
	RO79391	CPLAI00
	RO79388	CIDBI00
	RO79376	CPSAI00
	RO79359	CINSI00
	RO79353	CPXNI00
	RO79352	CPSAI00
	RO79351	CPPAI00
	RO79350	CPDTI00
	RO79349	CINSI00
	RO79348	CIDBI00
	RO79328	CPDTI00
	RO79302	CPDTI00
	RO79301	CINSI00
	RO79248	CPFUI00
	RO79219	CIDBI00
	RO79194	CPFUI00
	RO79191	CPPAI00
	RO79165	CPDTI00
	RO79145	CINSI00
	RO79118	CRCUI00
	RO79096	CINSI00
	RO79029	CINSI00
	RO79010	CPDAI00
	RO79007	CINSI00
	RO78967	CPLAI00
	RO78961	CIDBI00
	RO78948	CINSI00
	RO78914	CPRFI02
	RO78913	CPRFI01
	RO78912	CPRFI00
	RO78870	CRCXI00
	RO78869	CPFUI00
	RO78868	CINSI00
	RO78779	CUGRI00
	RO78711	CUGRI00
	RO78617	CUGRI00
	RO78419	CPPAI00
	RO78264	CINSI00
CAR1503	RO78910	CPXNI00
	RO78909	CPPAI00
	RO78908	CPBAI00
	RO78907	CINSI00
	RO78859	CPFUI00
	RO78828	CIDBI00
	RO78826	CPRRI00
	RO78783	CPLAI00
	RO78769	CINSI00
	RO78761	CINSI00
	RO78738	CIDBI00
	RO78682	CPDTI00
	RO78681	CPDTI00
	RO78609	CRCXI00

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CA RS Level	Service	FMID
	RO78545	CPDTI00
	RO78525	CPPAI00
	RO78523	CPSAI00
	RO78522	CPPAI00
	RO78514	CPDTI00
	RO78511	CIDBI00
	RO78501	CRCQI00
	RO78479	CINSI00
	RO78471	CUGRI00
	RO78456	CRCQI00
	RO78453	CRCQI00
	RO78446	CPDTI00
	RO78434	CRCQI00
	RO78426	CRCQI00
	RO78409	CINSI00
	RO78389	CINSI00
	RO78384	CINSI00
	RO78377	CPDTI00
	RO78375	CINSI00
	RO78351	CINSI00
	RO78305	CIDBI00
	RO78275	CPUTI00
	RO78266	CRCSI00
	RO78228	CIDBI00
	RO78218	CIDBI00
	RO78212	CINSI00
	RO78198	CPDTI00
	RO78179	CPLAI00
	RO78165	CPPAI00
	RO78164	CINSI00
	RO78140	CINSI00
	RO78127	CINSI00
	RO78061	CPDTI00
	RO78055	CPRFI02
	RO78054	CPRFI01
	RO78053	CPRFI00
	RO77505	CPUTI00
	RO77504	CPFUI00
	RO77503	CPFLI00
	RO77366	CINSI00
	RO76778	CPRFI02
	RO76777	CPRFI01
	RO76776	CPRFI00
CAR1502	RO78101	CPDTI00
	RO78065	CPSAI00
	RO78058	CPUTI00
	RO78057	CPSAI00
	RO78051	CINSI00
	RO78050	CINSI00
	RO78044	CPLAI00
	RO78027	CTGRI00
	RO78006	CIDBI00
	RO77968	CPFUI00
	RO77966	CPUTI00
	RO77963	CPDTI00

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CA RS Level	Service	FMID
	RO77873	CPSAI00
	RO77865	CPUTI00
	RO77823	CIDBI00
	RO77819	CPSAI00
	RO77782	CIDBI00
	RO77769	CUGRI00
	RO77768	CPUTI00
	RO77678	CIDBI00
	RO77565	CIDBI00
	RO77543	CPFLI00
	RO77538	CPFLI00
	RO77528	CTGRI00
	RO77520	CPDTI00
	RO77513	CINSI00
	RO77499	CINSI00
	RO77477	CPDTI00
	RO77458	CINSI00
	RO77379	CINSI00
	RO77364	CPSAI00
	RO77362	CINSI00
	RO77347	CPUTI00
	RO77346	CPRRI00
	RO77345	CPFLI00
	RO77332	CINSI00
	RO77329	CPDTI00
	RO77271	CINSI00
	RO77248	CPDTI00
	RO77236	CPFLI00
	RO77072	CIDBI00
	RO77019	CINSI00
CAR1501	RO77354	CPFUI00
	RO77317	CPDTI00
	RO77253	CINSI00
	RO77252	CIDBI00
	RO77247	CINSI00
	RO77234	CPUTI00
	RO77233	CPRRI00
	RO77232	CPFLI00
	RO77226	CIDBI00
	RO77224	CIDBI00
	RO77217	CINSI00
	RO77216	CINSI00
	RO77119	CINSI00
	RO77105	CPDTI00
	RO77100	CPSAI00
	RO77092	CINSI00
	RO77091	CPDTI00
	RO77087	CINSI00
	RO77067	CIDBI00
	RO77056	CINSI00
	RO77049	CINSI00
	RO77011	CPDAI00
	RO77010	CINSI00
	RO76991	CINSI00
	RO76982	CUGRI00

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CA RS Level	Service	FMID
	RO76961	CINSI00
	RO76901	CINSI00
	RO76851	CINSI00
	RO76845	CINSI00
	RO76826	CIDBI00
	RO76786	CINSI00
	RO76785	CPPAI00
	RO76784	CINSI00
	RO76765	CINSI00
	RO76742	CPXNI00
	RO76696	CIDBI00
	RO76686	CPFUI00
	RO76682	CPFUI00
	RO76644	CUGRI00
	RO76643	CTGRI00
	RO76640	CINSI00
	RO76621	CINSI00
	RO76620	CINSI00
	RO76594	CPPAI00
	RO76593	CPFUI00
	RO76578	CINSI00
	RO76570	CIDBI00
	RO76564	CPSAI00
	RO76563	CPDTI00
	RO76551	CPRRI00
	RO76543	CINSI00
	RO76487	CPSAI00
	RO76486	CPDTI00
	RO76485	CIDBI00
	RO76434	CUGRI00
	RO76423	CINSI00
	RO76412	CPDTI00
	RO76410	CINSI00
	RO76403	CPRRI00
	RO76401	CPFUI00
	RO76399	CPFLI00
	RO76398	CINSI00
	RO76358	CINSI00
	RO76357	CINSI00
	RO76277	CPPAI00
	RO76276	CINSI00
	RO76274	CINSI00
	RO76210	CPDTI00
	RO76208	CPSAI00
	RO76205	CINSI00
	RO76204	CPDTI00
	RO76119	CINSI00
	RO76076	CPDTI00
	RO76064	CPDAI00
	RO76063	CINSI00
	RO76037	CUGRI00
	RO76036	CPUTI00
	RO76025	CUGRI00
	RO76023	CPUTI00
	RO76022	CPRRI00

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CA RS Level	Service	FMID
	RO76021	CPFUI00
	RO76020	CPFLI00
	RO76019	CINSI00
	RO75622	CPPAI00
	RO75602	CPLAI00
CAR1412	RO76368	CPDTI00
	RO76367	CIDBI00
	RO76303	CIDBI00
	RO76289	CIDBI00
	RO76271	CINSI00
	RO76264	CPPAI00
	RO76219	CINSI00
	RO76218	CINSI00
	RO76212	CINSI00
	RO76209	CINSI00
	RO76206	CPSAI00
	RO76176	CINSI00
	RO76130	CINSI00
	RO76117	CIDBI00
	RO76108	CPSAI00
	RO76095	CPDTI00
	RO76077	CINSI00
	RO76002	CPFLI00
	RO75933	CINSI00
	RO75873	CUGRI00
	RO75867	CPDTI00
	RO75865	CINSI00
	RO75860	CIDBI00
	RO75849	CPPAI00
	RO75810	CIDBI00
	RO75805	CIDBI00
	RO75797	CINSI00
	RO75789	CRCMI00
	RO75788	CINSI00
	RO75787	CPPAI00
	RO75768	CIDBI00
	RO75766	CPSAI00
	RO75761	CUGRI00
	RO75760	CPPAI00
	RO75759	CPLAI00
	RO75758	CPDTI00
	RO75757	CPBAI00
	RO75756	CINSI00
	RO75754	CINSI00
	RO75741	CPRII00
	RO75740	CPFLI00
	RO75739	CINSI00
	RO75738	CPFLI00
	RO75734	CPPAI00
	RO75715	CPFUI00
	RO75714	CINSI00
	RO75691	CPDAI00
	RO75690	CINSI00
	RO75626	CIDBI00