

DB2 Tools 20.0
CA RS 2108 Service List

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Service	Description	Type
LU01290	LEVEL SET 20.0.01	PTF
LU01784	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU01832	ERRONEOUS DDL GENERATED FOR TABLE-CONTROLLED PARTITIONING	PTF
LU01845	EXPLAIN LONG RUNNING SQL FAILS IF TABLES SCHEMA QUALIFIED	PTF
LU01922	CAEU9454E: U2X NAME/TOKEN ENTRY NOT FOUND ON FETCH	PTF
LU01927	RMA091E ISSUED ON INDEX IF THE SELECTED INDEX HAS NO CHANGES	PTF
LU01930	MISSING KEY LABEL WITH SEGMENTED (NON-UTS) TABLESPACE	*HIP/PRP*
LU01933	ABEND DTSDII LOCATION E96 FOLLOWING LU01542	** PRP **
LU01934	NO MESSAGES ARE GENERATED FOR FAILED SECONDARY ID CALLS	PTF
LU01936	QUICK COPY REARCHITECTURE, PART 1	PTF
LU01937	MIGRATION OF DIFFERENT VERSION NSP GENERATES INCORRECT DDLS	PTF
LU01939	U0234 WHEN EXITS ARE SPECIFIED / SOC4 WITH EMPTY IMAGE COPY	PTF
LU01944	EXTRACTION WITH FAST UNLOAD FAILS WITH ABENDS U234 AND SOC4	PTF
LU01949	SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE	PTF
LU01950	SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE	PTF
LU01958	ALTER TABLESPACE DDL INCORRECTLY GENERATED TO ALTER DSSIZE	PTF
LU01975	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01977	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01978	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01979	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01980	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01981	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01982	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01983	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01984	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01985	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01986	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01987	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01988	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01989	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01990	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01991	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01992	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01993	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01994	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01995	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01996	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01997	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01998	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
LU01999	RMA807W INCORRECTLY ISSUED ON PARTED INDEX AFTER REORG ON TS	PTF
LU02005	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
LU02006	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
LU02007	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
LU02008	SOC1 ABEND IN MODULE FLL\$ARLD AT OFFSET 00004A14	PTF
LU02029	RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE	PTF
LU02030	RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE	PTF
LU02031	TRUNCATED OUTPUT FOR LONG FIXED-LENGTH IQL FIELDS	PTF

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CA RS 2108 Service List

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Service	Description	Type
LU02033	MISSING DETAILS IN IFCID 1042 FOR DB EXCEPTIONS	PTF
LU02048	S322 ABEND DURING TABLESPACE RECOVERY	PTF
LU02053	ICL2DDL INCLUDES DROPPED CHECK CONSTRAINT IF TABLE RECREATED	PTF
LU02061	OBJECTS CAN BE MISIDENTIFIED UNRECOVERABLE DUE TO ICTYPE=M	PTF
LU02062	DML REPORT IS UNABLE TO EXPAND DATA	PTF
LU02093	ALLOW UNLOAD OF IFCID 151 RECORDS USING SMF 101 SUBTYPE 151	PTF
LU02096	SUPPORT NEW -24 RETURN CODE FROM XMANAGER	PTF
LU02108	ABEND S0D7 IN PDT\$DII	** PRP **
LU02117	RECOVERY ESTIMATOR WILL NOW IDENTIFY MIGRATED RESOURCES	PTF
LU02124	PXM0602 COMPONENT TERMINATING / MAX RETRIES REACHED	PTF
LU02131	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
LU02132	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
LU02133	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
LU02142	CATALOG STATS FOR EXPRESSION BASED INDEX FROM SYSKEYTARGETS	PTF
LU02143	CA UTILITY SORT V3.1.0.0 BATCH-15 INSTALL	PTF
LU02164	ROLLING MAINTENANCE CUSTOMIZATION TEXT UPDATE OF PXMCUST	PTF
LU02197	RECOVERY ESTIMATOR : DEBUG MODE	PTF
LU02211	S04E WITH WHERE CLAUSE AND OMITTING A COLUMN	** PRP **
LU02213	FORMATTING IMPROVEMENT IN DDL REDO/UNDO	PTF
LU02220	ERROR IN RECOVERY MAY CAUSE THREADS TO TERMINATE	** PRP **
The CA RS 2108 service count for this release is 67		

DB2 Tools
CA RS 2108 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	LU01975	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU01845	EXPLAIN LONG RUNNING SQL FAILS IF TABLES SCHEMA QUALIFIED	PTF
	LU01977	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02031	TRUNCATED OUTPUT FOR LONG FIXED-LENGTH IQL FIELDS	PTF
	LU02033	MISSING DETAILS IN IFCID 1042 FOR DB EXCEPTIONS	PTF
	LU02093	ALLOW UNLOAD OF IFCID 151 RECORDS USING SMF 101 SUBTYPE 151	PTF
	LU02096	SUPPORT NEW -24 RETURN CODE FROM XMANAGER	PTF
	LU02142	CATALOG STATS FOR EXPRESSION BASED INDEX FROM SYSKEYTARGETS	PTF
The CA RS 2108 service count for this FMID is 7			

DB2 Tools
CA RS 2108 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU01290	LEVEL SET 20.0.01	PTF
	LU01784	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU01922	CAEU9454E: U2X NAME/TOKEN ENTRY NOT FOUND ON FETCH	PTF
	LU01927	RMA091E ISSUED ON INDEX IF THE SELECTED INDEX HAS NO CHANGES	PTF
	LU01934	NO MESSAGES ARE GENERATED FOR FAILED SECONDARY ID CALLS	PTF
	LU01949	SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE	PTF
	LU01958	ALTER TABLESPACE DDL INCORRECTLY GENERATED TO ALTER DSSIZE	PTF
	LU01978	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU01999	RMA807W INCORRECTLY ISSUED ON PARTED INDEX AFTER REORG ON TS	PTF
	LU02005	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
	LU02029	RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE	PTF
	LU02053	ICL2DDL INCLUDES DROPPED CHECK CONSTRAINT IF TABLE RECREATED	PTF
	LU02061	OBJECTS CAN BE MISIDENTIFIED UNRECOVERABLE DUE TO ICTYPE=M	PTF
	LU02117	RECOVERY ESTIMATOR WILL NOW IDENTIFY MIGRATED RESOURCES	PTF
	LU02124	PXM0602 COMPONENT TERMINATING / MAX RETRIES REACHED	PTF
	LU02131	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
	LU02164	ROLLING MAINTENANCE CUSTOMIZATION TEXT UPDATE OF PXMCUST	PTF
	LU02197	RECOVERY ESTIMATOR : DEBUG MODE	PTF
The CA RS 2108 service count for this FMID is 18			

DB2 Tools
CA RS 2108 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU01832	ERRONEOUS DDL GENERATED FOR TABLE-CONTROLLED PARTITIONING	PTF
	LU01937	MIGRATION OF DIFFERENT VERSION NSP GENERATES INCORRECT DDLS	PTF
	LU01979	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 3			

DB2 Tools
CA RS 2108 Service List for CPBAK00

FMID	Service	Description	Type
CPBAK00	LU01980	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU01981	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU01933	ABEND DT\$DII LOCATION E96 FOLLOWING LU01542	** PRP **
	LU01982	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02108	ABEND SOD7 IN PDT\$DII	** PRP **
	LU02132	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
	LU02220	ERROR IN RECOVERY MAY CAUSE THREADS TO TERMINATE	** PRP **
The CA RS 2108 service count for this FMID is 5			

DB2 Tools
CA RS 2108 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU01983	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02008	SOC1 ABEND IN MODULE FLL\$ARLD AT OFFSET 00004A14	PTF
The CA RS 2108 service count for this FMID is 2			

DB2 Tools
CA RS 2108 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU01939	U0234 WHEN EXITS ARE SPECIFIED / SOC4 WITH EMPTY IMAGE COPY	PTF
	LU01984	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02006	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
The CA RS 2108 service count for this FMID is 3			

DB2 Tools
CA RS 2108 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU01950	SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE	PTF
	LU01985	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02062	DML REPORT IS UNABLE TO EXPAND DATA	PTF
	LU02213	FORMATTING IMPROVEMENT IN DDL REDO/UNDO	PTF
The CA RS 2108 service count for this FMID is 4			

DB2 Tools
CA RS 2108 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU01986	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPRAK00

FMID	Service	Description	Type
CPRAK00	LU01987	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPRFK00

FMID	Service	Description	Type
CPRFK00	LU01988	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU01989	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	LU01990	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02133	CHANGE COMMIT FIELD TO SCROLLABLE FIELD	PTF
The CA RS 2108 service count for this FMID is 2			

DB2 Tools
CA RS 2108 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU01930	MISSING KEY LABEL WITH SEGMENTED (NON-UTS) TABLESPACE	*HIP/PRP*
	LU01991	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02007	ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT	PTF
The CA RS 2108 service count for this FMID is 3			

DB2 Tools
CA RS 2108 Service List for CPXNK00

FMID	Service	Description	Type
CPXNK00	LU01992	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	LU01993	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02030	RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE	PTF
The CA RS 2108 service count for this FMID is 2			

DB2 Tools
CA RS 2108 Service List for CRC SK00

FMID	Service	Description	Type
CRC SK00	LU01994	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU01995	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02211	S04E WITH WHERE CLAUSE AND OMITTING A COLUMN	** PRP **
The CA RS 2108 service count for this FMID is 2			

DB2 Tools
CA RS 2108 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	LU01944	EXTRACTION WITH FAST UNLOAD FAILS WITH ABENDS U234 AND SOC4	PTF
	LU01996	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 2			

DB2 Tools
CA RS 2108 Service List for CTGRK00

FMID	Service	Description	Type
CTGRK00	LU01997	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
The CA RS 2108 service count for this FMID is 1			

DB2 Tools
CA RS 2108 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU01936	QUICK COPY REARCHITECTURE, PART 1	PTF
	LU01998	INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.	PTF
	LU02048	S322 ABEND DURING TABLESPACE RECOVERY	PTF
The CA RS 2108 service count for this FMID is 3			

DB2 Tools
CA RS 2108 Service List for CUTSK00

FMID	Service	Description	Type
CUTSK00	LU02143	CA UTILITY SORT V3.1.0.0 BATCH-15 INSTALL	PTF
The CA RS 2108 service count for this FMID is 1			

Service	Details
LU01290	LU01290 M.C.S. ENTRIES = ++PTF (LU01290) LEVEL SET 20.0.01 ENHANCEMENT DESCRIPTION: Enables activation of CA Database Management Solutions for DB2 for z/OS Level Set 20.0.01. For activation instructions and a list of the features that are included in this Level Set, refer to the Release Notes at: https://techdocs.broadcom.com/db2mgmt PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13625 Copyright (C) 2021 CA. All rights reserved. R01437-D200-SP1 DESC(LEVEL SET 20.0.01). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00127 LU00131 LU00135 LU00145 LU00162 LU00216 LU00227 LU00237 LU00242 LU00254 LU00277 LU00283 LU00332 LU00359 LU00368 LU00399 LU00412 LU00426 LU00432 LU00435 LU00438 LU00446 LU00508 LU00509 LU00510 LU00523 LU00530 LU00568 LU00592 LU00613 LU00639 LU00643 LU00678 LU00698 LU00723 LU00794 LU00839 LU00847 LU00890 LU00914 LU00921 LU00925 LU00937 LU00968 LU00989 LU01039 LU01056 LU01106 LU01118 LU01121 LU01151 LU01178 LU01265 LU01275 LU01286 LU01357 LU01362 LU01367 LU01376 LU01378 LU01384 LU01405 LU01494 LU01508 LU01526 LU01550 LU01575 LU01610 LU01625 LU01648 LU01673 LU01683 LU01694 LU01696 LU01705 LU01757 LU01760 LU01784 LU01837 LU01891 LU01922 LU01927 LU01934 LU01949 LU01958 LU01978 LU01999 LU02029 LU02053 LU02061 LU02117 LU02164 R096167 R096576 R097704 R097823 R097922 R098087 R098859 R098967 R099553 R099748 R099979 S000016 S000343 S000785 S000845 S000978 S001396 S001655 S001665 S001896 S001905 S003587 S003814 S003843 S003860 S003959 S003965 S004129 S004244 S004250 S004455 S004718 S004756 S004794 S004855 S004947 S005011 S005070 S005199 S005237 S005266 S005280 S005873 S006007 S006067 S006113 S006286 S006497 S006608 S006638 S006863 S006978 S007167 S007169 S007323 S007379 S007412 S007552 S007560 S007774 S007807 S007856 S007915 S007940 S007955 S008016 S008051 S008128 S008136 S008198 S008202 S008216 S008240 S008262 S008278 S008291 S008296 S008313 S008330 S008377 S008406 S008414 S008434 S008467 S008540 S008578 S008606 S008644 S008654 S008662 S008684 S008750 S008755 S008766 S008804 S008825 S008832 S008847 S008856 S008859 S008869 S008957 S008963 S009022 S009033 S009105 S009125 S009126 S009130 S009146 S009183 S009205 S009232 S009261 S009356 S009417 S009426 S009461 S009546 S009564 S009602 S009693 S009761

Service	Details				
	S009785	S009790	S009796	S009797	S009799
	S009802				
	S009818	S009839	S009851	S009857	S009860
	S009877				
	S009892	S009893	S009929	S009945	S009976
	S009999				
	S010004	S010021	S010028	S010041	S010046
	S010061				
	S010066	S010069	S010080	S010162	S010173
	S010174				
	S010194	S010200	S010243	S010281	S010292
	S010323				
	S010331	S010389	S010417	S010437	S010469
	S010512				
	S010514	S010549	S010631	S010639	S010662
	S010676				
	S010703	S010712	S010750	S010760	S010763
	S010788				
	S010815	S010827	S010835	S010871	S010872
	S010907				
	S010920	S010948	S010974	S010978	S011048
	S011078				
	S011084	S011112	S011129	S011196	S011201
	S011221				
	S011231	S011234	S011255	S011261	S011317
	S011333				
	S011373	S011430	S011468	S011475	S011534
	S011547				
	S011566	S011576	S011623	S011674	S011679
	S011684				
	S011691	S011696	S011700	S011737	S011766
	S011806				
	S011807	S011863	S011866	S011942	S011945
	S011957				
	S011966	S011988	S011995	S012011	S012031
	S012042				
	S012067	S012076	S012106	S012115	S012132
	S012147				
	S012149	S012159	S012164	S012219	S012228
	S012249				
	S012268	S012274	S012323	S012361	S012367
	S012396				
	S012524	S012525	S012537	S012547	S012650
	S012715				
	S012751	S012764	S012792	S012794	S012812
	S012817				
	S012819	S012829	S012851	S012899	S012904
	S012924				
	S012933	S012942	S012994	S012999	S013044
	S013071				
	S013075	S013080	S013096	S013111	S013149
	S013154				
	S013193	S013213	S013229	S013230	S013273
	S013308				
	S013320	S013340	S013341	S013352	S013417
	S013453				
	S013484	S013509	S013539	S013574	S013624
	S013676				
	S013682	S013711	S013717	S013726	S013764
	S013794				
	S013807	S013814	S013827	S013839	S013878
	S013888				
	S013908	S013930	S013973	S013974	S013985
	S014027				
	S014029	S014052	S014125	S014168	S014173
	S014174				
	S014275	S014282	S014295	S014298	S014381
	S014401				
	S014491	S014500	S014566	S014583	S014615
	S014623				
	S014634	S014639	S014716	S014721	S014731
	S014756				
	S014771	S014827	S014832	S014835	S014859
	S014865				
	S014874	S014876	S014899	S014901	S015004
	S015031				
	S015045	S015061	S015072	S015075	S015122
	S015129				
	S015132	S015193	S015205	S015215	S015311
	S015394				
	S015444	S015449	S015455	S015482	S015506
	S015613				
	S015690	S015709	S015760	S015770	S015789
	S015804				
	S015863	S015864	S015867	S015868	S015908
	S015937				
	S015980	S015998	S016001	S016024	S016031
	S016032				
	S016040	S016045	S016053	S016067	S016088
	S016132				
	S016173	S016176	S016183	S016194	S016205
	)				
	SUP (LT01290)				
	++IF FMID(CPDTK00) REQ(LU00124 LU00176 LU00240 LU00329 LU00334				
	LU00402 LU00524 LU00549 LU00684 LU00768				
	LU00858 LU00938 LU01002 LU01215 LU01393				
	LU01396 LU01467 LU01542 LU01799 LU01841				
	LU01933 LU01982 LU02108 R096168 R096580				
	R097707 R097824 R097923 R098088 R098429				
	R098853 R099556 R099946 R099980 S000263				

Service	Details					
	S000423	S001400	S003942	S003960	S004458	
	S004757	S006116	S006237	S006334	S006838	
	S006865	S007810	S007988	S008129	S008204	
	S008244	S008323	S008446	S008455	S008789	
	S009044	S009065	S009239	S009601	S009811	
	S009828	S010018	S010492	S010521	S010538	
	S010652	S010908	S010921	S011263	S011499	
	S011606	S011624	S011694	S011717	S011983	
	S012131	S012426	S012429	S012538	S012652	
	S012808	S012821	S012921	S012925	S013074	
	S013091	S013450	S013616	S013655	S013761	
	S013887	S013889	S013987	S014235	S014267	
	S014299	S014338	S014397	S014680	S014782	
	S014860	S015073	S015199	S015395	S015499	
	S015573	S015723	S015843	S015927	S016113	
	S016174	) .				
	++IF FMID(CPLAK00) REQ(LU00132 LU00138 LU00165 LU00238 LU00335					
	LU00356	LU00480	LU00597	LU00672	LU00725	
	LU00759	LU00882	LU00903	LU00940	LU01040	
	LU01043	LU01180	LU01385	LU01415	LU01538	
	LU01869	LU01950	LU01985	R096583	R097709	
	R099559	S000020	S000975	S001403	S001641	
	S001667	S004245	S004461	S004795	S005014	
	S006119	S006718	S006868	S007382	S007813	
	S008008	S008802	S008870	S009083	S009108	
	S009133	S009252	S009333	S010390	S010641	
	S010677	S011113	S011419	S011583	S011669	
	S011782	S011809	S011969	S012173	S012364	
	S012487	S012654	S012763	S012797	S012889	
	S012900	S012935	S013009	S013224	S013234	
	S013625	S013718	S013879	S014033	S014137	
	S014142	S014452	S014613	S014866	S014949	
	S015064	S015220	S015456	S015531	S015895	
	S016075	) .				
	++IF FMID(CPUTK00) REQ(LU00133 LU00140 LU00177 LU00194 LU00248					
	LU00304	LU00337	LU00437	LU00727	LU00887	
	LU00923	LU01291	LU01352	LU01380	LU01930	
	LU01991	R096590	R097717	R098969	R099566	
	S000024	S000787	S000847	S000893	S001411	
	S001659	S001711	S003815	S003844	S003992	
	S004248	S004469	S004798	S004949	S005016	
	S005102	S005700	S006064	S006068	S006127	
	S006610	S006619	S006874	S007172	S007711	
	S007820	S007894	S007986	S008072	S008380	
	S008429	S008586	S008667	S008732	S008782	
	S008803	S008861	S008871	S008879	S009027	
	S009135	S009186	S009253	S009569	S009672	
	S009765	S009854	S009902	S009973	S009978	
	S010038	S010196	S010474	S010495	S010608	
	S010678	S011085	S011110	S011114	S011168	
S011238	S011433	S011521	S011604	S011685		
S011848	S011849	S011862	S011947	S011981		
S011999	S012153	S012174	S012278	S012529		
S012656	S012717	S012730	S012901	S012927		

Service	Details
	S013098 S013153 S013205 S013316 S013596 S013626 S013685 S013709 S013767 S013880 S013961 S014035 S014054 S014277 S014383 S014428 S014502 S014567 S014773 S015074 S015174 S015238 S015271 S015314 S015457 S015486 S015541 S015652 S015710 S015740 S015939 S016090 S016217). ++IF FMID(CIDBK00) REQ(LU00134 LU00159 LU00246 LU00253 LU00282 LU00299 LU00331 LU00427 LU00434 LU00545 LU00697 LU00881 LU00964 LU00982 LU01030 LU01035 LU01041 LU01042 LU01100 LU01164 LU01166 LU01175 LU01293 LU01513 LU01525 LU01541 LU01556 LU01581 LU01666 LU01750 LU01829 LU01845 LU01977 LU02033 LU02093 R096575 R097683 R097703 R098428 R099552 S000015 S000077 S001395 S001664 S004454 S005010 S006112 S006333 S006862 S006977 S007806 S008279 S008302 S008577 S008728 S008846 S009054 S009055 S009068 S009177 S009228 S009373 S009519 S009556 S009708 S009743 S009859 S010160 S010248 S010405 S010716 S010739 S010906 S011452 S011465 S011616 S011675 S011693 S011780 S011977 S012078 S012133 S012196 S012397 S012428 S012483 S012536 S012706 S012769 S012896 S013005 S013032 S013508 S013515 S013557 S013825 S013891 S014016 S014093 S014099 S014164 S014228 S014254 S014337 S014357 S014389 S014531 S014624 S014642 S014754 S014843 S014853 S014864 S014883 S014923 S015049 S015070 S015254 S015647 S015761 S015913 S015931 S015952 S016046 S016057 S016107 S016116 S016200 S016270 S016280 S016295 S016300). ++IF FMID(CPFLK00) REQ(LU00136 LU00178 LU00247 LU00301 LU00436 LU00724 LU00983 LU01349 LU01379 LU01720 LU01983 LU02008 R096581 R097708 R099557 S000018 S000081 S000704 S001401 S001656 S003861 S004275 S004459 S004857 S005012 S005081 S005502 S006117 S006866 S007170 S007811 S007924 S008071 S008378 S008407 S008428 S008584 S009024 S009180 S009378 S009900 S009977 S010195 S010752 S011107 S011235 S011325 S011431 S011520 S011601 S011643 S011846 S011946 S011996 S012107 S012128 S012150 S012275 S012526 S012585 S012984 S013066 S013097 S013150 S013175 S013203 S013706 S013765 S014025 S014031 S014252 S014427 S014433 S014694 S014772 S015015 S015235 S015312 S015484 S015738 S015771 S015938 S016089 S016246). ++IF FMID(CPFUK00) REQ(LU00137 LU00217 LU00281 LU00302 LU00447 LU00863 LU00886 LU01165 LU01311 LU01350 LU01727 LU01939 LU01984 R096582 R099558

Service	Details					
	S000019	S000295	S001402	S001657	S001818	
	S004460	S005013	S005101	S005503	S006118	
	S006867	S007171	S007381	S007812	S008068	
	S008112	S008352	S008585	S008860	S009025	
	S009107	S009337	S009675	S009764	S010023	
	S010043	S010107	S010175	S010442	S010626	
	S011013	S011052	S011108	S011236	S011476	
	S011602	S011644	S011968	S011993	S011997	
	S012108	S012151	S012197	S012276	S012363	
	S012527	S012653	S012934	S013151	S013319	
	S013437	S013684	S013707	S013766	S013960	
	S014028	S014032	S014053	S014382	S014501	
	S014984	S015086	S015236	S015767	S015805	
	S016195	S016262	S016266	) .		
	++IF FMID(CPRRK00) REQ(LU00139 LU00303 LU00452 LU00726 LU01351					
	LU01989	R096588	R097715	R098968	S000023	
	S000786	S000846	S001409	S001658	S004247	
	S004467	S004797	S005015	S006125	S006582	
	S006609	S007818	S007893	S008379	S008837	
	S009026	S009089	S009599	S009671	S009901	
	S009905	S009954	S010007	S010505	S010625	
	S010679	S011039	S011080	S011109	S011200	
	S011222	S011237	S011432	S011603	S011645	
	S011847	S011861	S011998	S012109	S012152	
	S012277	S012528	S012716	S013152	S013176	
	S013204	S013339	S013635	S013708	S014034	
	S014276	S014640	S015124	S015237	S015313	
	S015485	S015585	S015739	S016160	) .	
	++IF FMID(CUGRK00) REQ(LU00141 LU00152 LU00275 LU00689 LU00728					
	LU00795	LU00973	LU01127	LU01135	LU01182	
	LU01292	LU01534	LU01717	LU01893	LU01936	
	LU01998	LU02048	R096002	R096595	R097722	
	R099574	S000029	S000201	S000788	S000894	
	S001418	S001660	S001668	S001712	S001819	
	S001855	S003677	S003816	S004048	S004249	
	S004251	S004475	S004799	S005018	S005337	
	S006069	S006132	S006879	S007173	S007826	
	S007905	S007916	S008137	S008193	S008280	
	S008466	S008668	S008833	S008841	S008843	
	S009028	S009132	S009147	S009188	S009595	
	S009742	S009748	S009766	S009867	S009903	
	S009911	S009974	S010001	S010044	S010165	
	S010201	S010306	S010401	S010553	S010818	
	S010819	S011083	S011086	S011169	S011239	
	S011323	S011382	S011605	S011646	S011686	
	S011773	S011929	S011930	S012000	S012018	
	S012110	S012155	S012234	S012235	S012279	
	S012352	S012530	S012586	S012853	S012902	
	S013024	S013130	S013206	S013586	S013627	
	S013686	S013768	S013881	S014036	S014483	
S014568	S014641	S014863	S015308	S015487		
S015609	S015711	S015817	S016181	) .		
++IF FMID(CPDAK00) REQ(LU00146 LU00256 LU00257 LU00314 LU00333						
LU00381	LU00475	LU00635	LU00891	LU01089		

Service	Details
	LU01126 LU01338 LU01626 LU01860 LU01981 R096162 R096579 R097706 R099555 S000017 S001399 S004010 S004457 S004948 S006115 S007809 S009023 S009088 S009300 S009652 S009763 S009861 S010042 S011017 S011701 S011931 S012624 S012651 S013584 S013683 S013986 S014030 S014175 S014565 S014732 S015130 S015483 S016206). ++IF FMID(CRCQK00) REQ(LU00147 LU00339 LU00413 LU00532 LU01208 LU01330 LU01410 LU01706 LU01993 LU02030 R096593 R097719 R099569 S000025 S001414 S004437 S004471 S006128 S006275 S006875 S007822 S007954 S008232 S008608 S008878 S009129 S009759 S009852 S009865 S010163 S010268 S010321 S010430 S010468 S010532 S010661 S011133 S011197 S011976 S012012 S012229 S012783 S013083 S013668 S013729 S014101 S014307 S014335 S014426 S015450 S015697 S015816 S016071). ++IF FMID(CPRFK00) REQ(LU00207 LU00250 LU00400 LU00581 LU01102 LU01321 LU01988 R096585 R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443 S006870 S007815 S007974 S008025 S008083 S008969 S009185 S009662 S009864 S010288 S010347 S010365 S011296 S011731 S013730 S014404 S014675 S014842 S015255 S015774 S015775 S016149 S016165 S016258). ++IF FMID(CPRFK01) REQ(LU00251 LU00582 LU01103 LU01322 R096586 R097713 R098497 R099196 R099563 S001407 S004465 S006123 S006444 S006871 S007816 S007975 S008026 S008084 S008970 S009663 S010289 S010348 S011297 S011732 S013731 S014405 S015776 S016150 S016166 S016259). ++IF FMID(CPRFK02) REQ(LU00252 LU00583 LU01104 LU01323 R096587 R097714 R098498 R099197 R099564 S001408 S004466 S006124 S006445 S006872 S007817 S007976 S008027 S008085 S008971 S009664 S010290 S010349 S011298 S011733 S013732 S014406 S015777 S016151 S016167 S016260). ++IF FMID(CAHOK00) REQ(LU00330 LU01975 S007804 S007904 S009858 S010129 S010789 S013307). ++IF FMID(CPRAK00) REQ(LU00336 LU01181 LU01695 LU01987 R097711 R099561 S000022 S001405 S004246 S004463 S004796 S006121 S007906 S008012 S008922 S009714 S009863 S010817). ++IF FMID(CRCMK00) REQ(LU00338 LU00448 R096592 R097718 R099568 S001413 S004470 S004719 S004856 S007821 S008074 S015191). ++IF FMID(CRCSK00) REQ(LU00340 LU01994 R097720 R099570 S001670 S006129 S006876 S007823 S009403 S009866 S012553). ++IF FMID(CRCUK00) REQ(LU00341 LU00433 LU00449 LU00511 LU01995 R096594 R097721 R099571 S000026 S000616 S001415 S004472 S004720 S006130 S006877

Service	Details
	S007369 S007383 S007824 S009109 S009166 S010975 S011105 S011867 S011970 S012304 S012365 S012657 S012936 S013112 S013306 S014833 S015806). ++IF FMID(CRCXK00) REQ(LU00342 LU00411 LU00450 LU00769 LU01944 LU01996 R099572 R099853 S000027 S001416 S004473 S006131 S006878 S007384 S009110 S011079 S011868 S011971 S012366 S012400 S012937 S013456 S013842 S015807). ++IF FMID(CPBAK00) REQ(LU00439 LU00645 LU01980 R096578 S001398 S008450 S008580 S009786 S010277 S010713 S011130 S011767 S011808 S014836). ++IF FMID(CPPAK00) REQ(LU00440 LU00646 LU01068 LU01551 LU01892 LU01986 R096584 R097710 R099560 S000021 S001404 S004462 S006120 S006869 S007814 S008451 S008581 S009787 S009862 S010000 S010278 S010714 S011131 S011567 S011768 S011810 S012068 S012267 S012368 S012655 S012943 S013633 S013988 S014400 S014902 S015691). ++IF FMID(CPSAK00) REQ(LU00500 LU00576 LU00859 LU01543 LU01732 LU01990 R096169 R096589 R097716 R097825 R098251 R098430 R099565 S000871 S001410 S001635 S004468 S006126 S006335 S006873 S007204 S007819 S008123 S008190 S008393 S009267 S009432 S010867 S010955 S011345 S011625 S011695 S011843 S012539 S012754 S012852 S012926 S012966 S013329 S013421 S014681 S014861 S015094 S015935 S016175). ++IF FMID(COFSK00) REQ(LU00531 LU00644 LU01053 LU01107 LU01122 LU01179 LU01222 LU01832 LU01937 LU01979 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007380 S007808 S008101 S008109 S008403 S008427 S008435 S008579 S008663 S008858 S009106 S009128 S009184 S009647 S009762 S010029 S010250 S011180 S011921 S011967 S012362 S012412 S013758 S013781 S013990 S014126 S014570 S014655 S015062 S015225 S015440 S015650 S016133). ++IF FMID(CSQ2100) REQ(LU00565 LU00659 LU01432 R096102 R096495 R097090 R097169 R097376 R098041 R099899 R099968 S000631 S000849 S000977 S004155 S005308 S006485 S006494 S008576 S008799 S012501 S013982 S015184). ++IF FMID(CEU9K00) REQ(LU01976 R096574 R097702 R099551 S001394 S001663 S004453 S006111 S006861 S007378 S007805 S009104 S009760). ++IF FMID(CPXNK00) REQ(LU01992 R096591 R099567 S001412 S011608 S013909). ++IF FMID(CTGRK00) REQ(LU01997 R099573 S000028 S001417 S003676 S004474 S005017 S007825 S007884 S008762 S009187 S009423 S010059 S010071 S012154 S012958).

Service	Details
	++IF FMID(CUTSK00) REQ(R095918 R095972 R096005 R096401 R098970 S000848 S006611 S007927 S008899 S009590 S010236 S010470 S011009 S014310 S015480).

Service	Details
LU01784	LU01784 M.C.S. ENTRIES = ++PTF (LU01784) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. These updates require no action on your part. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13637 Copyright (C) 2021 CA. All rights reserved. R01496-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU00592 SO12794) SUP (LT01784) CSECT(PTADRIVM,PTIDECP).

Service	Details
LU01832	LU01832 M.C.S. ENTRIES = ++PTF (LU01832) ERRONEOUS DDL GENERATED FOR TABLE-CONTROLLED PARTITIONING PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), invalid DDL is generated for table-controlled partitioning tables. The generated DDL fails with SQLCODE -663 when executed. SYSTABLES.PARTKEYCOLNUM value was less than the number of values in SYSTABLEPART.LIMITKEY. SYMPTOMS: SQLCODE -663 occurs. The SYSTABLEPART.LIMITKEY value is incorrect. IMPACT: The object cannot be created. 0 CIRCUMVENTION: None PRODUCTS EFFECTED: CA RC/Migrator for DB2 for z/OS 20.0 CA RC/Query for DB2 for z/OS 20.0 Related Problem: OFS 13721 Copyright (C) 2021 CA. All rights reserved. R01500-D200-SP1 DESC(ERRONEOUS DDL GENERATED FOR TABLE-CONTROLLED PARTITIONING) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 R096577 R097705 R099554 S001397 S004456 S006114 S006864 S008403 S008858 S011921 S013990 S015225 S015440) SUP (LT01516 LT01832 S009647 S013781 S015650 ST09467 ST09647 ST13781 ST15650)

Service	Details
LU01845	LU01845 M.C.S. ENTRIES = ++PTF (LU01845) EXPLAIN LONG RUNNING SQL FAILS IF TABLES SCHEMA QUALIFIED PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) exception system feature to capture long running SQL to a data set and perform an EXPLAIN may not work correctly if the tables are qualified by the current schema name using SET CURRENT SCHEMA = . SYMPTOMS: <pre>-- Dynamic explain of SQL statement using qualifier: XXYZ03 -- and degree: 1 -- and path: "SYSIBM","SYSFUN","SYSPROC","SYSIBMADM","USERH01" -- Error encountered while trying to EXPLAIN your SQL statement. -- DSNT408I SQLCODE = -204, ERROR: XXYZ03.EMPLOYEE_TAB IS AN -- UNDEFINED NAME</pre> IMPACT: The SQL is not EXPLAINED. CIRCUMVENTION: Manually qualify the table name, if possible. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14050 Copyright (C) 2021 CA. All rights reserved. R01503-D200-SP1 DESC(EXPLAIN LONG RUNNING SQL FAILS IF TABLES SCHEMA QUALIFIED) . ++VER (Z038) FMID (CIDBK00) PRE (LU00545 S006112 S006862 S007806 S008846 S010906 S011616 S012769 S013891 S014099 S015070) SUP (LT00159 LT01845 LU00159) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) .

Service	Details
LU01922	LU01922 M.C.S. ENTRIES = ++PTF (LU01922) CAEU9454E: U2X NAME/TOKEN ENTRY NOT FOUND ON FETCH PROBLEM DESCRIPTION: While running the MTC-DBM UI, the message 'CAEU9454E: U2X Name/token entry not found at class lookup' was recieved when attempting to fetch data from the package endpoint. This is due to not having PSAXU*CC load modules available when the Xnet started task is initialized. SYMPTOMS: CAEU9454E: U2X Name/token entry not found at class lookup returned. IMPACT: No data is returned from the fetch. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14096 Copyright (C) 2021 CA. All rights reserved. R01512-D200-SP1 DESC(CAEU9454E: U2X NAME/TOKEN ENTRY NOT FOUND ON FETCH) . ++VER (Z038) FMID (CINSK00) SUP (LT01922) ++HOLD (LU01922) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21187) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Initializes Xnet execution space. +-----+-----+ USERS Users of Xnet services. AFFECTED +-----+-----+ KNOWLEDGE DB2 Tools Product Administration. REQUIRED +-----+-----+ ACCESS Access to DB2 Tools product libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** The PXNPROC started task must be restarted to apply maintenance. For information about starting and stopping the PXNPROC started task, see Verify the Xnet Startup Configuration in the CA Database Management Solutions for DB2 for z/OS documentation on https://techdocs.broadcom.com.).</pre>

Service	Details		
LU01927	LU01927 M.C.S. ENTRIES = ++PTF (LU01927) RMA091E ISSUED ON INDEX IF THE SELECTED INDEX HAS NO CHANGES PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), analyzing an alter strategy with FULLTREE(NO) issues a RMA091E message if the strategy includes an index. SYMPTOMS: RMA091E THE CURRENT CATALOG DEFINITION OF INDEX <IXCreator>.<IXName> DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE OBJECT WILL NOT BE ALTERED. IMPACT: The customer will not be able to alter an index using FULLREE(NO). CIRCUMVENTION: Use FULLTREE(YES). PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 14106 Copyright (C) 2021 CA. All rights reserved. R01513-D200-SP1 DESC(RMA091E ISSUED ON INDEX IF THE SELECTED INDEX HAS NO CHANGES). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S001396 S004718 S006638 S007379 S009105 S011866 S011966 S012361 S012933 S015804) SUP (LT01275 LT01927 LU01275) ++HOLD (LU01927) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21183) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step.	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0		

Service	Details
	1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU01930	LU01930 M.C.S. ENTRIES = ++PTF (LU01930) MISSING KEY LABEL WITH SEGMENTED (NON-UTS) TABLESPACE CA Fast Load for DB2 for z/OS (PFL) does not preserve the Db2 data set key labels when the following conditions are true: - Db2 12 function level is greater than or equal to 502. - A segmented (non-UTS) tablespace is loaded. - The key label is defined at the storage group level. - SPACE-DEFN YES is used. - PFL defines new Db2 data sets. SYMPTOMS: Missing Db2 data set key label. A LISTCAT of the VSAM data set indicates: ENCRYPTIONDATA DATA SET ENCRYPTION----- (NO) IMPACT: Missing Db2 data set key label. CIRCUMVENTION: Specify SPACE-DEFN NO to retain the existing encryption key label. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 14113 Copyright (C) 2021 CA. All rights reserved. R01514-D200-SP1 DESC(MISSING KEY LABEL WITH SEGMENTED (NON-UTS) TABLESPACE). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 S007820 S008072 S008429 S008586 S011521 S013767 S013961 S014502 S015740) SUP (BS07820 LT01868 LT01910 LT01930)

Service	Details	
LU01933	LU01933 M.C.S. ENTRIES = ++PTF (LU01933) ABEND DTSDII LOCATION E96 FOLLOWING LU01542 PROBLEM DESCRIPTION: In CA Detector for DB2 for z/OS (PDT), an abend 0C4 may occur after LU01542 has been applied. SYMPTOMS: An abend 0C4 occurs in DTSDIIC2 at offset E96. IMPACT: Collections may terminate. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14118 Copyright (C) 2021 CA. All rights reserved. R01517-D200-SP1 DESC (ABEND DTSDII LOCATION E96 FOLLOWING LU01542). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AL01542 AS06334 AS08129 AS13450 AS16113 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU01933) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21182) COMMENT (+-----+ CA Detector for DB2 for z/OS	

Service	Details
	<pre> 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
LU01934	LU01934 M.C.S. ENTRIES = ++PTF (LU01934) NO MESSAGES ARE GENERATED FOR FAILED SECONDARY ID CALLS PROBLEM DESCRIPTION: When issuing the SECONDS command on the Product Authorizations panel in the CA Database Management Solutions for DB2 for z/OS, no message is generated when the call to the signon exit fails. There is no indication that the command failed to provide a list of secondary IDs or that an error has occurred. SYMPTOMS: No messages are generated for failed secondary ID calls. IMPACT: The user is unable to determine the cause of the failure. Generate a message for failed secondary ID calls from the Product Authorizations facility. Add message, RG084E to the user documentation. CIRCUMVENTION: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13498 Copyright (C) 2021 CA. All rights reserved. R01518-D200-SP1 DESC(NO MESSAGES ARE GENERATED FOR FAILED SECONDARY ID CALLS). ++VER (Z038) FMID (CINSK00) PRE (S006113) SUP (LT01934) ++HOLD (LU01934) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21195) COMMENT (<pre> +-----+ 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. </pre>

Service	Details
	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.). CSECT(CSAAUTHS,AUTDISP).

Service	Details
LU01936	LU01936 M.C.S. ENTRIES = ++PTF (LU01936) QUICK COPY REARCHITECTURE, PART 1 ENHANCEMENT DESCRIPTION: In CA Quick Copy for DB2 for z/OS (PQC), the code for generating full copies has been redesigned to facilitate future enhancements. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 13154 Copyright (C) 2021 CA. All rights reserved. R01520-D200-SP1 DESC(QUICK COPY REARCHITECTURE, PART 1). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015487 S015609) SUP (CC06071 LT01665 LT01667 LT01893 LT01936 LU01893 S015308 S016181 ST05104 ST15308 ST16181)

Service	Details				
LU01937	LU01937 M.C.S. ENTRIES = ++PTF (LU01937) MIGRATION OF DIFFERENT VERSION NSP GENERATES INCORRECT DDLS PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS, migration of 2 or more native stored procedure objects with the same name but different versions generates invalid DDL in the analysis output. SYMPTOMS: DDL generated contains same version for all the native stored procedure objects. IMPACT: Object creation is not succesful. CIRCUMVENTION: None. PRODUCTS EFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>20.0</td></tr> <tr> <td>RC/Query for DB2 for z/OS</td><td>20.0</td></tr> </table> Related Problem: OFS 13607 Copyright (C) 2021 CA. All rights reserved. R01521-D200-SP1 DESC(MIGRATION OF DIFFERENT VERSION NSP GENERATES INCORRECT DDLS) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 R096577 R097705 R099554 S001397 S006114 S015225 S015440) SUP (LT01937)	RC/Migrator for DB2 for z/OS	20.0	RC/Query for DB2 for z/OS	20.0
RC/Migrator for DB2 for z/OS	20.0				
RC/Query for DB2 for z/OS	20.0				

Service	Details
LU01939	LU01939 M.C.S. ENTRIES = ++PTF (LU01939) U0234 WHEN EXITS ARE SPECIFIED / SOC4 WITH EMPTY IMAGE COPY PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may abend as follows: 1. User abend code 234 in UTLFUM when user exits are specified. 2. SOC4 abend code when unloading from an empty image copy. SYMPTOMS: 1. User abend code 234 in UTLFUM. 2. SOC4 in no active module. IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Related Problem: PFU 14070 Copyright (C) 2021 CA. All rights reserved. R01522-D200-SP1 DESC(U0234 WHEN EXITS ARE SPECIFIED / SOC4 WITH EMPTY IMAGE COPY) . ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00281 LU00886 R096582 R099558 S000019 S001402 S001818 S004460 S005013 S006118 S008860 S009025 S010043 S011236 S011997 S012151 S014032 S014501 S014984 S016195) SUP (AR99558 AS16195 LT00862 LT00863 LT01931 LT01935 LT01939 LU00863 S000295 S011993 S013437 ST00295 ST11993 ST13437) CSECT(UTAFUPS2,TROUBLE) . CSECT(UTAFUULC,TROUBLE) .

Version 20.0

Service	Details
LU01944	LU01944 M.C.S. ENTRIES = ++PTF (LU01944) EXTRACTION WITH FAST UNLOAD FAILS WITH ABENDS U234 AND S0C4 PROBLEM DESCRIPTION: In CA RC/Extract for DB2 for z/OS(RCX), an extraction using CA Fast Unload for DB2 for z/OS (PFU) abends with a U234 followed by a S0C4. SYMPTOMS: The below error occurs during extraction using an image copy: RCX0410E: A Fast Unload error occurred. See PTIMSGxx for further details. RCX0203E: The Extract Engine has ABENDED. ABEND CODE: S0C4 RCX1001E: RC/EXTRACT EXTRACT INCOMPLETE. RETCODE = 16 USER COMPLETION CODE=0234 ACTIVE MODULE ADDRESS=00000000_3B6CD000 OFFSET=0000538A NAME=UTLFUM SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 NO ACTIVE MODULE FOUND NAME=UNKNOWN IMPACT: The PFU extraction using an image copy does not work. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Extract for DB2 for z/OS Version 20.0 Related Problem: RCX 14019 Copyright (C) 2021 CA. All rights reserved. R01523-D200-SP1 DESC(EXTRACTION WITH FAST UNLOAD FAILS WITH ABENDS U234 AND S0C4). ++VER (Z038) FMID (CRCXK00) PRE (R099853 S000027 S011079) SUP (LT01944) ++IF FMID(CPFUK00) REQ(LU01939) . CSECT(RXA\$EXT,#@XFCALN,RXX\$EXT).

Service	Details
LU01949	LU01949 M.C.S. ENTRIES = ++PTF (LU01949) SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE ENHANCEMENT DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) can now seamlessly expand data that was compressed and then the compression dictionary was changed by the REORG tablespace or LOAD REPLACE utilities. These utilities writes former compression dictionaries to the Db2 log and mark these log dictionaries by ICTYPE = 'J' entries in SYSIBM.SYSCOPY. When PLA cannot found a compression dictionary it now triggers precise log reading base on the ICTYPE = 'J' entry to obtain the dictionary record from the Db2 log. Note: Former dictionaries are written to the Db2 log only if the utilized tablespace contains a table with DATA CAPTURE CHANGES. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13771 Copyright (C) 2021 CA. All rights reserved. R01524-D200-SP1 DESC(SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE) . ++VER (Z038) FMID (CINSK00) PRE (SO14566) SUP (LT01949) ++IF FMID(CPLAK00) REQ(LU01950) .

Service	Details
LU01950	LU01950 M.C.S. ENTRIES = ++PTF (LU01950) SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE ENHANCEMENT DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) can now seamlessly expand data that was compressed and then the compression dictionary was changed by the REORG tablespace or LOAD REPLACE utilities. These utilities writes former compression dictionaries to the Db2 log and mark these log dictionaries by ICTYPE = 'J' entries in SYSIBM.SYSCOPY. When PLA cannot found a compression dictionary it now triggers precise log reading base on the ICTYPE = 'J' entry to obtain the dictionary record from the Db2 log. Note: Former dictionaries are written to the Db2 log only if the utilized tablespace contains a table with DATA CAPTURE CHANGES. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13771 Copyright (C) 2021 CA. All rights reserved. R01524-D200-SP1 DESC(SUPPORT FOR LOG RECORD - COMPRESSION DICTIONARY WRITE). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 LU00238 LU00356 LU00597 LU00672 LU00725 LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01180 LU01385 LU01538 LU01869 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S005014 S006119 S006718 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010390 S010677 S011113 S011669 S012487 S012763 S012797 S012889 S012900 S013009 S013625 S013879 S014033 S014866 S015064 S015895 S016075) SUP (LT00480 LT01950 LU00480 S015531 ST13916 ST15531 ST15593 ST15601 ST15620 ST15631 ST15958) ++IF FMID(CINSK00) REQ(LU01949) . ++HOLD (LU01950) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21188) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ </pre>

Service	Details
	***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
LU01958	LU01958 M.C.S. ENTRIES = ++PTF (LU01958) ALTER TABLESPACE DDL INCORRECTLY GENERATED TO ALTER DSSIZE PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), analyzing an alter strategy will generate incorrect ALTER tablespace DDL to alter the partition DSSIZE if the following conditions are true: 1) The tablespace is migrated from a DB2V11 subsystem to a DB2V12 subsystem. 2) The tablespaces DSSZIE is null and the PAGENUM is 'A'. SYMPTOMS: <pre>ALTER TABLESPACE <DBname>.<TSname> ALTER PARTITION n <=== where n > 0 DSSIZE 64G ; IMPACT: The partition DSSIZE of the tablespace is unnecessarily altered. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 14139 Copyright (C) 2021 CA. All rights reserved. R01526-D200-SP1 DESC (ALTER TABLESPACE DDL INCORRECTLY GENERATED TO ALTER DSSIZE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R096576 R099553 S001396 S004455 S011866 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT01958)</pre>

Service	Details
LU01975	M.C.S. ENTRIES = ++PTF (LU01975) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base InstallVersion 20.0 Related Problem: GEN13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER(ZO38) FMID(CAHOK00) PRE(SO09858) SUP(LT01184 LT01225 LT01975) ++IF FMID(CEU9K00) REQ(LU01976). ++IF FMID(CIDBK00) REQ(LU01977). ++IF FMID(CINSK00) REQ(LU01978). ++IF FMID(COFSK00) REQ(LU01979). ++IF FMID(CPBAK00) REQ(LU01980). ++IF FMID(CPDAK00) REQ(LU01981). ++IF FMID(CPDTK00) REQ(LU01982). ++IF FMID(CPFLK00) REQ(LU01983). ++IF FMID(CPFUK00) REQ(LU01984). ++IF FMID(CPLAK00) REQ(LU01985). ++IF FMID(CPPAK00) REQ(LU01986). ++IF FMID(CPRAK00) REQ(LU01987). ++IF FMID(CPRFK00) REQ(LU01988). ++IF FMID(CPRRK00) REQ(LU01989). ++IF FMID(CPSAK00) REQ(LU01990). ++IF FMID(CPUTK00) REQ(LU01991). ++IF FMID(CPXNK00) REQ(LU01992). ++IF FMID(CRCQK00) REQ(LU01993). ++IF FMID(CRCSK00) REQ(LU01994). ++IF FMID(CRCUK00) REQ(LU01995). ++IF FMID(CRCXK00) REQ(LU01996). ++IF FMID(CTGRK00) REQ(LU01997). ++IF FMID(CUGRK00) REQ(LU01998). ++HOLD(LU01975) SYSTEM FMID(CAHOK00) REASON(ACTION)DATE(21202) COMMENT(+-----+ CA Endeavor Software Change Manager Interface for DB2 Version 20.0 +-----+ SEQUENCEBefore using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSEIntroduce support for Level Set processing. +-----+ USERS AFFECTEDSystems programmer +-----+ KNOWLEDGE

Service	Details
	REQUIRED JCL, Security, and DB2 Tools post-install.
	+-----+-----+
	ACCESS
	REQUIRED Security administration.
	+-----+-----+

	* STEPS TO PERFORM *

	After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes.
	While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.
	).

Service	Details
LU01977	LU01977 M.C.S. ENTRIES = ++PTF (LU01977) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00299 LU00545 LU00697 LU00881 LU01041 LU01175 LU01556 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S009519 S009556 S009859 S010160 S010906 S011616 S011977 S012536 S012769 S013557 S013891 S014016 S014099 S014164 S014389 S014642 S014754 S014843 S014923 S015049 S015070 S015254 S015647 S015931 S016116 S016200 S016300) SUP (LT01186 LT01227 LT01513 LT01977 LU01513 R097683 TR97683) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01977) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+

Service	Details		
	SEQUENCE	Before using ACTIVATESHOW TEST LEVELSET commands.	
	+-----+-----+-----+		
	PURPOSE	Introduce support for Level Set processing.	
	+-----+-----+-----+		
	USERS		
	AFFECTED	Systems programmer	
	+-----+-----+-----+		
	KNOWLEDGE		
	REQUIRED	JCL, Security, and DB2 Tools post-install.	
	+-----+-----+-----+		
	ACCESS		
	REQUIRED	Security administration.	
	+-----+-----+-----+		

	* STEPS TO PERFORM *		

	After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes.		
	While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.		
	).		
	CSECT (AMXSSXC,AMXSSX) .		
	CSECT (AMXSSXC,AMXSSX) .		
	CSECT (AMXSSXC,AMXSSX) .		
	CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .		
	CSECT (XMREQC,XMREQ) .		
	CSECT (NUHSTLOM) .		

Service	Details
LU01978	LU01978 M.C.S. ENTRIES = ++PTF (LU01978) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.) . ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00135 LU00216 LU00237 LU00254 LU00438 LU00523 LU00592 LU00643 LU00723 LU00839 LU00847 LU00921 LU00937 LU01039 LU01106 LU01178 LU01286 LU01362 LU01526 LU01648 LU01760 LU01784 LU01934 R096576 R097704 R097922 R099553 R099979 S000016 S000785 S000978 S001396 S001655 S001665 S003959 S004129 S004244 S004250 S004455 S004756 S004794 S005011 S005070 S006113 S006608 S006863 S007169 S007379 S007552 S007560 S007807 S008377 S008804 S008869 S009183 S009205 S009693 S009785 S009797 S009860 S009929 S009976 S010004 S010069 S010200 S010281 S010323 S010417 S010676 S010835 S011078 S011084 S011221 S011317 S011333 S011475 S011547 S011674 S011684 S011863 S011966 S012115 S012149 S012396 S012537 S012650 S012715 S012794 S012851 S012924 S012933 S013096 S013340 S013484 S013509 S013711 S013717 S013839 S013908 S013985 S014027 S014125 S014298 S014500 S014566 S014583 S014634 S014756 S014859 S014865 S014874 S015045 S015132 S015394 S015455 S015789 S015804 S015868 S015980 S016173) SUP (LT00504 LT00510 LT01019 LT01056 LT01187 LT01228 LT01258 LT01978 LU00510 LU01056 S008240 S009818 S013341 S015004 S016040 ST07332 ST08240 ST09782 ST09818 ST11164 ST11185 ST11300 ST13341 ST14233 ST14237 ST14239 ST14472 ST15004 ST15095 ST16040 ST16273) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) .

Service	Details
	<pre> ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01978) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+-----+ PURPOSE Introduce support for Level Set processing. +-----+-----+ USERS AFFECTED Systems programmer +-----+-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01978) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21202) 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. </pre>

Service	Details
	<pre> +-----+-----+ 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
LU01979	LU01979 M.C.S. ENTRIES = ++PTF (LU01979) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (COFSK00) PRE (LU00531 R096577 R097705 R099554 S001397 S004456 S006114 S006864 S007808 S015225 S015440) SUP (LT01188 LT01229 LT01979) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01979) SYSTEM FMID(COFSK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Object Framework Services Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+

Service	Details
	KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+ ACCESS REQUIRED Security administration. +-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.).

Service	Details														
LU01980	LU01980 M.C.S. ENTRIES = ++PTF (LU01980) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPBAK00) SUP (LT01189 LT01230 LT01980) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01980) SYSTEM FMID(CPBAK00) REASON (ACTION) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA Bind Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td colspan="2"> SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. </td></tr> <tr> <td colspan="2"> PURPOSE Introduce support for Level Set processing. </td></tr> <tr> <td colspan="2"> USERS </td></tr> <tr> <td colspan="2"> AFFECTED Systems programmer</td></tr> <tr> <td colspan="2"> KNOWLEDGE </td></tr> <tr> <td colspan="2"> REQUIRED JCL, Security, and DB2 Tools post-install.</td></tr> </table>	CA Bind Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands.		PURPOSE Introduce support for Level Set processing.		USERS		AFFECTED Systems programmer		KNOWLEDGE		REQUIRED JCL, Security, and DB2 Tools post-install.	
CA Bind Analyzer for DB2 for z/OS	Version 20.0														
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AFFECTED Systems programmer															
KNOWLEDGE															
REQUIRED JCL, Security, and DB2 Tools post-install.															

Service	Details
	ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.) .

Service	Details
LU01981	LU01981 M.C.S. ENTRIES = ++PTF (LU01981) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 R096579 S000017 S001399 S009023 S009763 S009861 S013683 S014030 S014732 S015483) SUP (LT01190 LT01231 LT01981 ST08903 ST13913 ST15344 ST15357) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01981) SYSTEM FMID(CPDAK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+

Service	Details
	<pre> KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). CSECT(RAAPDSP,CMDTABLE). CSECT(RALXARCC). </pre>

Service	Details
LU01982	LU01982 M.C.S. ENTRIES = ++PTF (LU01982) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00402 LU00524 LU00549 LU00858 LU01002 LU01542 R096168 R096580 R097707 R097923 R098088 R098429 R099556 S001400 S004458 S006116 S006334 S007810 S008244 S008455 S010908 S011694 S012652 S013616 S013987 S014299 S014860 S016174) SUP (LT01191 LT01232 LT01799 LT01982 LU01799 S006237 ST06237) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01982) SYSTEM FMID(CPDTK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+

Service	Details
	<pre> USERS AFFECTED Systems programmer +-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+ ACCESS REQUIRED Security administration. +-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01982) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21202) 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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). CSECT(DTXARCC). </pre>

Service	Details
LU01983	M.C.S. ENTRIES = ++PTF (LU01983) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base InstallVersion 20.0 Related Problem: GEN13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER(ZO38) FMID(CPFLK00) PRE(R097708 S000018 S000704 S007811 S011601 S011996 S012150 S012526 S015484) SUP(LT01192 LT01233 LT01983 ST13746 ST14320 ST14463 ST14594) ++IF FMID(CEU9K00) REQ(LU01976). ++IF FMID(CIDBK00) REQ(LU01977). ++IF FMID(CINSK00) REQ(LU01978). ++IF FMID(COFSK00) REQ(LU01979). ++IF FMID(CPBAK00) REQ(LU01980). ++IF FMID(CPDAK00) REQ(LU01981). ++IF FMID(CPDTK00) REQ(LU01982). ++IF FMID(CPFUK00) REQ(LU01984). ++IF FMID(CPLAK00) REQ(LU01985). ++IF FMID(CPPAK00) REQ(LU01986). ++IF FMID(CPRAK00) REQ(LU01987). ++IF FMID(CPRFK00) REQ(LU01988). ++IF FMID(CPRRK00) REQ(LU01989). ++IF FMID(CPSAK00) REQ(LU01990). ++IF FMID(CPUTK00) REQ(LU01991). ++IF FMID(CPXNK00) REQ(LU01992). ++IF FMID(CRCQK00) REQ(LU01993). ++IF FMID(CRCSK00) REQ(LU01994). ++IF FMID(CRCUK00) REQ(LU01995). ++IF FMID(CRCXK00) REQ(LU01996). ++IF FMID(CTGRK00) REQ(LU01997). ++IF FMID(CUGRK00) REQ(LU01998). ++IF FMID(CAHOK00) REQ(LU01975). ++HOLD (LU01983) SYSTEM FMID(CPFLK00) REASON (ACTION)DATE (21202) COMMENT (+-----+ CA Fast Load for DB2 for z/OSVersion 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+

Service	Details
	<pre> KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01983) SYSTEM FMID(CPFLK00) REASON (DB2BIND) DATE (21202) COMMENT (+-----+-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT(FLCUTQE@). </pre>

Service	Details																						
LU01984	LU01984 M.C.S. ENTRIES = ++PTF (LU01984) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPFUK00) PRE (S014028) SUP (LT01193 LT01234 LT01984 ST13950 ST14321 ST14464 ST14595) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01984) SYSTEM FMID(CPFUK00) REASON (ACTION) DATE (21202) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Fast Unload for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Introduce support for Level Set processing. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS </td></tr> <tr> <td> </td><td>AFFECTED Systems programmer </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE </td></tr> </table>	+	-----+		CA Fast Unload for DB2 for z/OS Version 20.0	+	-----+		SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands.	+	-----+		PURPOSE Introduce support for Level Set processing.	+	-----+		USERS		AFFECTED Systems programmer	+	-----+		KNOWLEDGE
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	USERS																						
	AFFECTED Systems programmer																						
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	KNOWLEDGE																						

Service	Details
	REQUIRED JCL, Security, and DB2 Tools post-install.
	+-----+-----+
	ACCESS
	REQUIRED Security administration.
	+-----+-----+

	* STEPS TO PERFORM *

	After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes.
	While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.
	).

Service	Details
LU01985	LU01985 M.C.S. ENTRIES = ++PTF (LU01985) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 LU00238 LU00597 LU00725 LU00882 LU01040 LU01538 LU01950 R099559 S000975 S001403 S004245 S004461 S005014 S007813 S008008 S008802 S009333 S010677 S011113 S011669 S012487 S012889 S012900 S013625 S013879 S014033 S014866 S015064 S015895) SUP (LT01194 LT01235 LT01985 ST15593 ST15601 ST15620 ST15631 ST15958) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01985) SYSTEM FMID(CPLAK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing.

Service	Details
	<pre> +-----+-----+ USERS AFFECTED Systems programmer +-----+-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). CSECT (LAA@LGA2,PTIDECP) . CSECT (LAA@LOGA,PTIDECP) . CSECT (PLAXARCC) . </pre>

Service	Details		
LU01986	LU01986 M.C.S. ENTRIES = ++PTF (LU01986) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 R097710 S000021 S001404 S004462 S008581 S009862) SUP (LT01195 LT01236 LT01986 TR97333 TR97335 TR97532) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01986) SYSTEM FMID(CPPAK00) REASON (ACTION) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA Plan Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. PURPOSE Introduce support for Level Set processing. USERS AFFECTED Systems programmer KNOWLEDGE	CA Plan Analyzer for DB2 for z/OS	Version 20.0
CA Plan Analyzer for DB2 for z/OS	Version 20.0		

Service	Details
REQUIRED	JCL, Security, and DB2 Tools post-install.
+-----+	-----+
ACCESS	
REQUIRED	Security administration.
+-----+	-----+

* STEPS TO PERFORM *	

After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes.	
While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.	
).	
CSECT(PPA#CVT,#@XFCALN,BTCHCNTL) .	

Service	Details
LU01987	M.C.S. ENTRIES = ++PTF (LU01987) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPRAK00) PRE (R099561 S000022 S009714 S009863) SUP (LT01196 LT01237 LT01695 LT01987 LU01695) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01987) SYSTEM FMID(CPRAK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Recovery Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install.

Service	Details
	<pre> +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.).</pre>

Service	Details																								
LU01988	LU01988 M.C.S. ENTRIES = ++PTF (LU01988) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPRFK00) PRE (SO07815 SO09864) SUP (LT01197 LT01238 LT01988) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01988) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (21202) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Report Facility for TSO Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Introduce support for Level Set processing. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS </td></tr> <tr> <td> </td><td>AFFECTED Systems programmer </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE </td></tr> <tr> <td> </td><td>REQUIRED JCL, Security, and DB2 Tools post-install. </td></tr> </table>	+	-----+		CA Report Facility for TSO Version 20.0	+	-----+		SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands.	+	-----+		PURPOSE Introduce support for Level Set processing.	+	-----+		USERS		AFFECTED Systems programmer	+	-----+		KNOWLEDGE		REQUIRED JCL, Security, and DB2 Tools post-install.
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	USERS																								
	AFFECTED Systems programmer																								
+	-----+																								
	KNOWLEDGE																								
	REQUIRED JCL, Security, and DB2 Tools post-install.																								

Service	Details
	+-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.) .

Service	Details
LU01989	LU01989 M.C.S. ENTRIES = ++PTF (LU01989) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPRRK00) PRE (LU00726 R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004247 S004467 S004797 S006609 S007818 S007893 S008379 S009089 S009599 S009901 S010007 S010505 S011200 S011222 S011237 S011603 S011847 S011998 S012152 S012277 S012528 S013176 S013204 S014034 S014276 S015485 S015739) SUP (LT01198 LT01239 LT01989) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01989) SYSTEM FMID(CPRRK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Rapid Reorg for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+

Service	Details
	<pre> USERS AFFECTED Systems programmer +-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+ ACCESS REQUIRED Security administration. +-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). CSECT (RRA@MAIN,@@#\$\$B) . CSECT (RRA@OIXA,@@#\$\$B) . CSECT (RRA@OIXM,#@XFCALR) . </pre>

Service	Details
LU01990	LU01990 M.C.S. ENTRIES = ++PTF (LU01990) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPSAK00) PRE (LU00859 R096589 R097716 R098251 R099565 S000871 S001410 S004468 S007819 S008190 S009267 S010867 S011345 S012539 S012926 S014681 S014861 S016175) SUP (LT00500 LT01199 LT01240 LT01990 LU00500) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01990) SYSTEM FMID(CPSAK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA Subsystem Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+

Service	Details
	<pre> KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01990) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (21202) COMMENT (+-----+-----+ CA Subsystem Analyzer 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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). CSECT(SA#BTUCC,SA#BTU) . </pre>

Service	Details
LU01991	LU01991 M.C.S. ENTRIES = ++PTF (LU01991) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPUTK00) PRE (LU00727 LU00887 LU01291 R097717 R098969 S000024 S000787 S001659 S004469 S004798 S006127 S006610 S007172 S007820 S009027 S009672 S011085 S011238 S011604 S011862 S011999 S012153 S012717 S014035 S014277 S014567) SUP (LT01200 LT01241 LT01991 ST00779 ST00783 ST06289 ST13748 ST14323 ST14466 ST14597) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01991) SYSTEM FMID(CPUTK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing.

Service	Details
	<pre> +-----+-----+ USERS AFFECTED Systems programmer +-----+-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01991) SYSTEM FMID(CPUTK00) REASON (RESTART) DATE (21202) COMMENT (+-----+-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures. </pre>

Service	Details
	) . CSECT (PUTXARCC) .

Service	Details
LU01992	LU01992 M.C.S. ENTRIES = ++PTF (LU01992) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CPXNK00) PRE (R096591) SUP (LT01201 LT01242 LT01992 ST13749 ST14324 ST14467 ST14598) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01992) SYSTEM FMID(CPXNK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Xnet Communications Server Version 20.0 +-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer +-----+

Service	Details
	<pre> KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). CSECT (BLK@) . CSECT (CDMPTR@) . CSECT (CLOAK@) . CSECT (CMDSCAN@) . CSECT (CMDSCNP@) . CSECT (FLTCPIC@) . CSECT (FLTTCIP@) . CSECT (FLT3270@) . CSECT (IBLDROW@) . CSECT (IBSORTL@) . CSECT (ICOMCPI@) . CSECT (ICOMILN@) . CSECT (ICOMSES@) . CSECT (ICOMTCI@) . CSECT (IEXPDIA@) . CSECT (IEXPEVA@) . CSECT (IEXPVC@) . CSECT (IGENAIID@) . CSECT (IGENS2W@) . CSECT (IGENWC2@) . CSECT (IHXPCBM@) . CSECT (IHXPCPI@) . CSECT (IHXPCTR@) . CSECT (IHXPIILN@) . CSECT (IHXPORT@) . CSECT (IHXPPRO@) . CSECT (IHXPSCH@) . CSECT (IHXPTCI@) . CSECT (IL62XC�@) . CSECT (IMAGE@) . CSECT (IMSGFNC@) . CSECT (INAVAPP@) . CSECT (INAVCAP@) . CSECT (INAVPLA@) . CSECT (INAVTRE@) . CSECT (IPRJRPT@) . CSECT (IPRMPOS@) . CSECT (KOI@) . CSECT (LST@) . CSECT (MENQFRE@) . </pre>

Service	Details
	CSECT (MRD@) .
	CSECT (PARMCMD@) .
	CSECT (CONVERT@) .
	CSECT (PXNQDEC@) .
	CSECT (PXNWCIS@) .
	CSECT (PXNWICL@) .
	CSECT (PXNWIRC@) .
	CSECT (PXNWISS@) .
	CSECT (PXNWIXP@) .
	CSECT (PXNWTCL@) .
	CSECT (PXNWTRC@) .
	CSECT (PXNWTSS@) .
	CSECT (PXNWTXP@) .
	CSECT (PXNZAGT@) .
	CSECT (PXNZDEK@) .
	CSECT (PXNZECO@) .
	CSECT (RECTCPY@) .
	CSECT (RECTILE@) .
	CSECT (RGNDIAG@) .
	CSECT (RGNNET@) .
	CSECT (RPT@) .
	CSECT (RPTPRJ@) .
	CSECT (SKSBLD@) .
	CSECT (SKSCMN@) .
	CSECT (SKSRUN@) .
	CSECT (SQUISH@) .
	CSECT (STGMGR@) .
	CSECT (TBS@) .
	CSECT (TDBISCA@) .
	CSECT (TEXTSCA@) .
	CSECT (UCLOAK@) .
	CSECT (UTIPCS@) .
	CSECT (UTIRD@) .
	CSECT (VSA@) .

Service	Details
LU01993	LU01993 M.C.S. ENTRIES = ++PTF (LU01993) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S006875 S009865) SUP (LT01202 LT01243 LT01993) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01993) SYSTEM FMID(CRCQK00) REASON (ACTION) DATE (21202) COMMENT (-----+----- CA RC/Query for DB2 for z/OS

Service	Details
	+-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.).

Service	Details
LU01994	LU01994 M.C.S. ENTRIES = ++PTF (LU01994) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CRCSK00) PRE (SO09866) SUP (LT01203 LT01244 LT01994) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01994) SYSTEM FMID(CRCSK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA RC/Secure for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. +-----+-----+ PURPOSE Introduce support for Level Set processing. +-----+-----+ USERS AFFECTED Systems programmer +-----+-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install.

Service	Details
	+-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.).

Service	Details														
LU01995	LU01995 M.C.S. ENTRIES = ++PTF (LU01995) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CRCUK00) SUP (LT01204 LT01245 LT01995) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01995) SYSTEM FMID(CRCUK00) REASON (ACTION) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td colspan="2"> SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. </td></tr> <tr> <td colspan="2"> PURPOSE Introduce support for Level Set processing. </td></tr> <tr> <td colspan="2"> USERS </td></tr> <tr> <td colspan="2"> AFFECTED Systems programmer</td></tr> <tr> <td colspan="2"> KNOWLEDGE </td></tr> <tr> <td colspan="2"> REQUIRED JCL, Security, and DB2 Tools post-install.</td></tr> </table>	CA RC/Update for DB2 for z/OS	Version 20.0	SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands.		PURPOSE Introduce support for Level Set processing.		USERS		AFFECTED Systems programmer		KNOWLEDGE		REQUIRED JCL, Security, and DB2 Tools post-install.	
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USERS															
AFFECTED Systems programmer															
KNOWLEDGE															
REQUIRED JCL, Security, and DB2 Tools post-install.															

Service	Details
	ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.) .

Service	Details		
LU01996	LU01996 M.C.S. ENTRIES = ++PTF (LU01996) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CRCXK00) SUP (LT01205 LT01246 LT01996) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01996) SYSTEM FMID(CRCXK00) REASON (ACTION) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA RC/Extract for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. PURPOSE Introduce support for Level Set processing. USERS AFFECTED Systems programmer KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install.	CA RC/Extract for DB2 for z/OS	Version 20.0
CA RC/Extract for DB2 for z/OS	Version 20.0		

Service	Details
	ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.) .

Service	Details		
LU01997	LU01997 M.C.S. ENTRIES = ++PTF (LU01997) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CTGRK00) SUP (LT01206 LT01247 LT01997) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRC SK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CUGRK00) REQ(LU01998) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01997) SYSTEM FMID(CTGRK00) REASON (ACTION) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions Snapshot General Services</td><td>Version 20.0</td></tr> </table> SEQUENCE Before using ACTIVATESHOW TEST LEVELSET commands. PURPOSE Introduce support for Level Set processing. USERS AFFECTED Systems programmer KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install.	CA DBM Solutions Snapshot General Services	Version 20.0
CA DBM Solutions Snapshot General Services	Version 20.0		

Service	Details
	<pre> ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.). ++HOLD (LU01997) SYSTEM FMID(CTGRK00) REASON (RESTART) DATE (21202) COMMENT (+-----+-----+ CA DBM Solutions Snapshot General Service 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. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). </pre>

Service	Details
LU01998	LU01998 M.C.S. ENTRIES = ++PTF (LU01998) INTRODUCE SUPPORT FOR LEVEL SET PROCESSING. PROBLEM DESCRIPTION: Introduce support for Level Set processing. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 13601 Copyright (C) 2021 CA. All rights reserved. R01527-D200-SP1 DESC(INTRODUCE SUPPORT FOR LEVEL SET PROCESSING.). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 R096595 R099574 S000029 S000788 S001660 S004251 S004799 S006132 S006879 S008280 S009867 S012155 S012853 S014568) SUP (LT01207 LT01248 LT01998) ++IF FMID(CEU9K00) REQ(LU01976) . ++IF FMID(CIDBK00) REQ(LU01977) . ++IF FMID(CINSK00) REQ(LU01978) . ++IF FMID(COFSK00) REQ(LU01979) . ++IF FMID(CPBAK00) REQ(LU01980) . ++IF FMID(CPDAK00) REQ(LU01981) . ++IF FMID(CPDTK00) REQ(LU01982) . ++IF FMID(CPFLK00) REQ(LU01983) . ++IF FMID(CPFUK00) REQ(LU01984) . ++IF FMID(CPLAK00) REQ(LU01985) . ++IF FMID(CPPAK00) REQ(LU01986) . ++IF FMID(CPRAK00) REQ(LU01987) . ++IF FMID(CPRFK00) REQ(LU01988) . ++IF FMID(CPRRK00) REQ(LU01989) . ++IF FMID(CPSAK00) REQ(LU01990) . ++IF FMID(CPUTK00) REQ(LU01991) . ++IF FMID(CPXNK00) REQ(LU01992) . ++IF FMID(CRCQK00) REQ(LU01993) . ++IF FMID(CRCSK00) REQ(LU01994) . ++IF FMID(CRCUK00) REQ(LU01995) . ++IF FMID(CRCXK00) REQ(LU01996) . ++IF FMID(CTGRK00) REQ(LU01997) . ++IF FMID(CAHOK00) REQ(LU01975) . ++HOLD (LU01998) SYSTEM FMID(CUGRK00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+ SEQUENCE Before using ACTIVATE SHOW TEST LEVELSET commands. +-----+ PURPOSE Introduce support for Level Set processing. +-----+ USERS AFFECTED Systems programmer

Service	Details
	+-----+-----+ KNOWLEDGE REQUIRED JCL, Security, and DB2 Tools post-install. +-----+-----+ ACCESS REQUIRED Security administration. +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this SYSMOD, please review the new Xmanager security requirements and the Xmanager configuration changes. While the Xmanager will start up and execute without any changes, activation to Level Set 20.0.01 will require actions on your part.) . CSECT (MMLXARCC) .

Service	Details
LU01999	LU01999 M.C.S. ENTRIES = ++PTF (LU01999) RMA807W INCORRECTLY ISSUED ON PARTED INDEX AFTER REORG ON TS PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the analysis generates REORG utility for the partitioned tablespace and issues the message RMA807W on partitioned index if the analysis option 'REORG TS,IX,B,N' is set to 'TS'. If the analysis option 'REORG TS,IX,B,N' is set to 'B', then the analysis generates REORG utility for the partitioned tablespace and the partitioned index. The REORG for the partitioned index is not needed since the REORG for the partitioned tablespace will reorg the partitioned index. SYMPTOMS: When Analysis option 'REORG TS,IX,B,N' is set to 'TS', the following message is issued: RMA807W THE REORG INDEX UTILITY HAS NOT BEEN REQUESTED. THE INDEX <IXCreator>.<IXName> WILL BE PLACED IN A ADVISORY REORG PENDING STATUS. PLEASE RE-ANALYZE WITH REORG INDEX OPTION OR RUN A REORG INDEX UTILITY AFTER EXECUTING THE ANALYSIS. When the analysis option 'REORG TS,IX,B,N' is set to 'B', the REORG utility for INDEX is generated. IMPACT: The message RMA807W causes confusion and the REORG on index is unnecessary. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 14146 Copyright (C) 2021 CA. All rights reserved. R01528-D200-SP1 DESC(RMA807W INCORRECTLY ISSUED ON PARTED INDEX AFTER REORG ON TS). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R096576 R097704 S001396 S004718 S007379 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S014832 S015804) SUP (LT01999)

Service	Details
LU02005	LU02005 M.C.S. ENTRIES = ++PTF (LU02005) ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports the use of the System z Integrated Information Processor (zIIP) when you specify any of the following options: - SQL-ACCESS ONLY or EXTENSION. - Multiple SELECT statements. - A literal with an INTO clause. - A DECFLOAT column. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying ZIIP {YES NO} either in the SYSIN DD statement or in hlq.CDBAPARM(UTIL) member. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 13533 Copyright (C) 2021 CA. All rights reserved. R01529-D200-SP1 DESC(ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT). ++VER (Z038) FMID (CINSK00) PRE (LU01378) SUP (LT01866 LT02005) ++IF FMID(CPFUK00) REQ(LU02006) . ++IF FMID(CPUTK00) REQ(LU02007) .

Service	Details
LU02006	LU02006 M.C.S. ENTRIES = ++PTF (LU02006) ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports the use of the System z Integrated Information Processor (zIIP) when you specify any of the following options: - SQL-ACCESS ONLY or EXTENSION. - Multiple SELECT statements. - A literal with an INTO clause. - A DECFLOAT column. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying ZIIP {YES NO} either in the SYSIN DD statement or in hlq.CDBAPARM(UTIL) member. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 13533 Copyright (C) 2021 CA. All rights reserved. R01529-D200-SP1 DESC(ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00281 LU00886 LU01311 LU01939 R096582 R099558 S000019 S001402 S001818 S004460 S005013 S006118 S006867 S007171 S008068 S008860 S009025 S010043 S011236 S011997 S012151 S013766 S014032 S014053 S014382 S014501 S014984 S016195) SUP (AR99558 AS16195 LT00862 LT00863 LT01867 LT02006 LU00863 S000295 S009675 S011993 S013437 S016262 ST00295 ST09675 ST11173 ST11993 ST13437 ST15619 ST15630 ST15957 ST16262) ++IF FMID(CPUTK00) REQ(LU02007) . ++IF FMID(CINSK00) REQ(LU02005) .

Service	Details
LU02007	LU02007 M.C.S. ENTRIES = ++PTF (LU02007) ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports the use of the System z Integrated Information Processor (zIIP) when you specify any of the following options: - SQL-ACCESS ONLY or EXTENSION. - Multiple SELECT statements. - A literal with an INTO clause. - A DECFLOAT column. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying ZIIP {YES NO} either in the SYSIN DD statement or in hlq.CDBAPARM(UTIL) member. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 13533 Copyright (C) 2021 CA. All rights reserved. R01529-D200-SP1 DESC(ZIIP FOR SQL-ACCESS, MULTIPLE SELECTS, LITERALS, DECFLOAT). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU00887 LU01991 S000024 S007820 S008072 S008429 S008586 S011238 S011521 S012153 S013767 S013961 S014502 S015740) SUP (BS07820 LT01868 LT01910 LT01930 LT02007 LU01930 ST13748) ++IF FMID(CPFUK00) REQ(LU02006) . ++IF FMID(CINSK00) REQ(LU02005) . ++HOLD (LU02007) SYSTEM FMID(CPUTK00) REASON (RESTART) DATE (21211) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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 +-----+-----+ ***** </pre>

Service	Details
	* 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.).

Service	Details
LU02008	LU02008 M.C.S. ENTRIES = ++PTF (LU02008) SOC1 ABEND IN MODULE FLL\$ARLD AT OFFSET 00004A14 PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) will abend in module FLL\$ARLD at offset 00004A14 with SOC1 code when the following conditions are true: - PTF LU00983 is applied. - The miscellaneous-instruction-extensions facility 2 is not installed. - OUTPUT-CONTROL ALL is specified (the default). - There is at least one index defined on the table being processed. SYMPTOMS: SOC1 abend at FLL\$ARLD+00004A14. IMPACT: Processing fails. CIRCUMVENTION: Specify OUTPUT-CONTROL BUILD. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 14162 Copyright (C) 2021 CA. All rights reserved. R01530-D200-SP1 DESC(SOC1 ABEND IN MODULE FLL\$ARLD AT OFFSET 00004A14). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00724 LU00983 S000018 S009977 S010752 S011601 S011996 S012150 S013203 S015484 S016089) SUP (LT02008)

Service	Details
LU02029	LU02029 M.C.S. ENTRIES = ++PTF (LU02029) RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), RECOVER command on a SY-L report on a line having ICTYPE as 'INCREMENTAL IMAGE COPY' or 'FULL IMAGE COPY' or 'FULL COPY' generates TORBA statement instead of TOCOPY. ine SYMPTOMS: RECOVER command on a Image Copy line always generates TORBA as shown below: LISTDEF LIST1 INCLUDE TABLESPACE DB.TS QUIESCE LIST LIST1 RECOVER LIST LIST1 TORBA <toRBA> IMPACT: RECOVER command cannot be used to generate TOCOPY. CIRCUMVENTION: Update generated card manually to specify TOCOPY. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14127 Copyright (C) 2021 CA. All rights reserved. R01532-D200-SP1 DESC(RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE). ++VER (Z038) FMID (CINSK00) PRE (LU01705 R097704 R099553 S001396 S004455 S006113 S010162) SUP (LT02029) ++IF FMID(CRCQK00) REQ(LU02030) .

Service	Details
LU02030	LU02030 M.C.S. ENTRIES = ++PTF (LU02030) RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), RECOVER command on a SY-L report on a line having ICTYPE as 'INCREMENTAL IMAGE COPY' or 'FULL IMAGE COPY' or 'FULL COPY' generates TORBA statement instead of TOCOPY. ine SYMPTOMS: RECOVER command on a Image Copy line always generates TORBA as shown below: LISTDEF LIST1 INCLUDE TABLESPACE DB.TS QUIESCE LIST LIST1 RECOVER LIST LIST1 TORBA <toRBA> IMPACT: RECOVER command cannot be used to generate TOCOPY. CIRCUMVENTION: Update generated card manually to specify TOCOPY. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14127 Copyright (C) 2021 CA. All rights reserved. R01532-D200-SP1 DESC(RECOVER ON SY-L DOES NOT GENERATE TOCOPY FOR IMAGE COPY LINE). ++VER (Z038) FMID (CRCQK00) PRE (LU00147 LU01706 R096593 R099569 S001414 S004471 S006128 S006875 S007822 S008232 S010163 S015697) SUP (LT02030 ST13933 ST13953 ST14015 ST14156 ST14159 ST16284) ++IF FMID(CINSK00) REQ(LU02029) . CSECT(RQALINE,RQALIN2) . CSECT(RQALUTL,UTL,RQALU22) . CSECT(RQASYL,RPTSVCSST) . CSECT(RQAUTSUB,RQTSYM) .

Service	Details
LU02031	LU02031 M.C.S. ENTRIES = ++PTF (LU02031) TRUNCATED OUTPUT FOR LONG FIXED-LENGTH IQL FIELDS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not display the full contents of fixed-length IQL fields whose values exceed 256 characters. SYMPTOMS: Long fixed-length field values are truncated. For example, printing out the SQL-TEXT-LONG field value in the IFCID 376 based reports will be incomplete, only the first 160 characters of maximum 4002 will be displayed online or in a batch report. IMPACT: Unexpected IQL report output for long fixed-length fields. CIRCUMVENTION: Replace fixed-length fields (whose names usually have "-LONG" suffix) with the corresponding variable-length fields if available (whose names normally have "-VAR" suffix). PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14172 Copyright (C) 2021 CA. All rights reserved. R01533-D200-SP1 DESC (TRUNCATED OUTPUT FOR LONG FIXED-LENGTH IQL FIELDS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S001395 S004454 S006112 S010160 S011977 S012769 S013508 S015254) SUP (LT02031) CSECT (NEPROCEC,NEPROCES) .

Service	Details
LU02033	LU02033 M.C.S. ENTRIES = ++PTF (LU02033) MISSING DETAILS IN IFCID 1042 FOR DB EXCEPTIONS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) IDB2-EXCEPTIONS (1042) record does not report complete information for active database exceptions. EXP-DATABASE, EXP-PAGESET, EXP-BPOOL, and EXP-GBPOOL fields contain empty values unless when Message Text in the exception definition includes &DBNAMEX, &PAGESET, and &BPNAME variables. Additionally, IFCID 1042 does not have a separate IQL field for reporting database, table space, or index space restricted status for active database exceptions. A new IQL field EXP-RESTRICTED-STATUS provides this information. The new field replaces the obsolete EXP-CATEGORY field. SYMPTOMS: Missing information for active database exceptions in IFCID 1042. IMPACT: Unexpected behavior of the IDB2-EXCEPTIONS (1042) record. CIRCUMVENTION: Include &DBNAMEX, &PAGESET, &BPNAME and &DATABASESTATUSX variables into the database exception Message Text. Use EXP-MESSAGE text to extract the database restricted status information. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14033 Copyright (C) 2021 CA. All rights reserved. R01534-D200-SP1 DESC(MISSING DETAILS IN IFCID 1042 FOR DB EXCEPTIONS) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01030 LU01175 LU01977 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT02033) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NGR1042C,NGR1042) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU02048	LU02048 M.C.S. ENTRIES = ++PTF (LU02048) S322 ABEND DURING TABLESPACE RECOVERY PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) may fail with an S322 ABEND when using SORTLOG YES to recover tablespaces that are involved in DML activity such as ALTER ADD PARTITION or ALTER ROTATE PARTITION. SYMPTOMS: The PFR job fails with an S322 ABEND. IMPACT: The tablespaces may not be recovered. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 13802 Copyright (C) 2021 CA. All rights reserved. R01535-D200-SP1 DESC(S322 ABEND DURING TABLESPACE RECOVERY). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 S014568) SUP (LT02015 LT02048 S015817 ST15817)

Service	Details
LU02053	LU02053 M.C.S. ENTRIES = ++PTF (LU02053) ICL2DDL INCLUDES DROPPED CHECK CONSTRAINT IF TABLE RECREATED PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the ICL-DDL analysis includes dropped check constraints when generating DDL to recreate the table. SYMPTOMS: In the following DDL, the check constraint CHECK1 is dropped but the create table DDL includes it. <pre>CREATE TABLE <TBCreator>.<TBName> (... ,... ,CONSTRAINT <check constraint name> CHECK1 <== Dropped)</pre> IN <DBName>.<TSName> IMPACT: The customer will not be able to drop check constraints using ICL-DDL. CIRCUMVENTION: Analyze the strategy instead of analyzing the ICL. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 14198 Copyright (C) 2021 CA. All rights reserved. R01536-D200-SP1 DESC(ICL2DDL INCLUDES DROPPED CHECK CONSTRAINT IF TABLE RECREATED). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S001396 S004455 S004718 S007379 S011691 S011966 S012361 S012933 S014125 S014832) SUP (LT02053 S016088 ST16088)

Service	Details
LU02061	LU02061 M.C.S. ENTRIES = ++PTF (LU02061) OBJECTS CAN BE MISIDENTIFIED UNRECOVERABLE DUE TO ICTYPE=M PROBLEM DESCRIPTION: When using the Recovery Estimator, an object that has a SYSCOPY row with ICTYPE=M STYPE=R can be incorrectly flagged as UNRECOVERABLE despite the existence of an Image Copy that was taken afterwards. SYMPTOMS: The Recovery Estimator incorrectly reports the object as: EST3010I - RECOVERABLE : NO, encountered an ICTYPE=M STYPE=R event at 'rba'. IMPACT: The Recovery Estimator incorrectly reports an object as UNRECOVERABLE. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14135 Copyright (C) 2021 CA. All rights reserved. R01538-D200-SP1 DESC(OBJECTS CAN BE MISIDENTIFIED UNRECOVERABLE DUE TO ICTYPE=M). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01696 S015311 S015864) SUP (LT02060 LT02061) ++HOLD (LU02061) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21194) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! </pre>

Service	Details
	If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU02062	M.C.S. ENTRIES = ++PTF (LU02062) DML REPORT IS UNABLE TO EXPAND DATA PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS is unable to expand data when ALTER TABLESPACE of DSSIZE, BUFFERPOOL or PAGENUM occurred. SYMPTOMS: The joblog contains following message: LAE0027E Unable to allocate Image Copy dataset. IMAGE COPY : DICTIONARY FROM LOG RETURN CODE: 12, REASON CODE: X'035C' SMS REASON CODE: X'0000' SVC99 INFO : X'270C' IMPACT: The report contains incomplete data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Related Problem: PLA 14114 Copyright (C) 2021 CA. All rights reserved. R01539-D200-SP1 DESC(DML REPORT IS UNABLE TO EXPAND DATA). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00356 LU00597 LU00672 LU00882 LU00903 LU01040 LU01043 LU01180 LU01385 LU01538 LU01869 LU01950 LU01985 R096583 R097709 R099559 S000975 S001403 S004245 S004461 S004795 S006119 S006718 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010677 S011669 S012487 S012763 S012797 S012889 S013009 S013879 S014033 S014866 S015064 S015895 S016075) SUP (LT00480 LT02062 LU00480 S015531 ST15531) ++HOLD (LU02062) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21203) COMMENT (+-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+)

Service	Details
	***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(LAA@CR15,@@##\$\$B) . CSECT(LAA@CTL1,PTIDECF) .

Service	Details
LU02093	LU02093 M.C.S. ENTRIES = ++PTF (LU02093) ALLOW UNLOAD OF IFCID 151 RECORDS USING SMF 101 SUBTYPE 151 ENHANCEMENT DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS now allows unloading of IFCID 151 (IDB2ACCT) records with SMF Type 101, Subtype 151. New JCL parameter 'SMF-151' is introduced for the Trace and History VSAM Linear Data Set Utility. If set to YES, IDB2ACCT trace records are unloaded with SMF Subtype 151. If the parameter is set to NO (default), the IDB2ACCT records are unloaded with SMF Subtype 1 as before this change. Alternatively, new SYSPARM 'IDB2ACCT-SMF-SUBTYPE-151' can be used instead of the new JCL parameter. Using SMF Subtype 151 allows other vendors' tools to safely ignore the IDB2ACCT SMF trace records. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14092 Copyright (C) 2021 CA. All rights reserved. R01540-D200-SP1 DESC(ALLOW UNLOAD OF IFCID 151 RECORDS USING SMF 101 SUBTYPE 151). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU01041 LU01556 LU01977 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S009556 S010160 S010906 S011616 S012769 S013557 S013891 S014016 S014164 S014389 S014642 S014923 S015070 S016116 S016200) SUP (LT02093) CSECT(NALDSCOM) . CSECT(NBRECRDC,NBRECRDR) .

Service	Details
LU02096	LU02096 M.C.S. ENTRIES = ++PTF (LU02096) SUPPORT NEW -24 RETURN CODE FROM XMANAGER ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector during its initialization checks if it can connect to the Xmanager instance specified with the PARMLIB XMANID parameter. If the new -24 return code is received from the Xmanager, a new error message is issued to both JESLOG and DBGPRINT destinations: DBG02200E CONNECTION TO XMANAGER FAILED. MAINTENANCE LEVEL SET IS LESS THAN XMANAGER HIGH ACTIVE LEVEL SET. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13680 Copyright (C) 2021 CA. All rights reserved. R01542-D200-SP1 DESC(SUPPORT NEW -24 RETURN CODE FROM XMANAGER) . ++VER (Z038) FMID (CIDBK00) PRE (LU00253 LU00299 LU00545 LU01041 LU01100 LU01164 LU01977 LU02093 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009519 S009556 S010160 S011616 S011780 S012769 S013557 S013891 S014099 S014164 S014389 S014754 S014923 S015070 S015931 S016116 S016200) SUP (LT02096)

Service	Details		
LU02108	LU02108 M.C.S. ENTRIES = ++PTF (LU02108) ABEND S0D7 IN PDT\$DII PROBLEM DESCRIPTION: CA Detector for Db2 for Z/os (PDT) may abend with an S0D7 in PDT\$DII after applying LU01541. SYMPTOMS: Detector will abend with an S0D7. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14255 Copyright (C) 2021 CA. All rights reserved. R01544-D200-SP1 DESC (ABEND S0D7 IN PDT\$DII). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 R096580 R097707 R098429 S000263 S001400 S004458 S004757 S006334 S007810 S008323 S008789 S009065 S010018 S010908 S011694 S011983 S012538 S012921 S015395 S015723) SUP (BL01542 LT02108 S009239 ST09239) ++HOLD (LU02108) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21202) COMMENT (<table border="1"> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> 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.	CA Detector for DB2 for z/OS	Version 20.0
CA Detector for DB2 for z/OS	Version 20.0		

Service	Details
	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.).

Service	Details
LU02117	LU02117 M.C.S. ENTRIES = ++PTF (LU02117) RECOVERY ESTIMATOR WILL NOW IDENTIFY MIGRATED RESOURCES ENHANCEMENT DESCRIPTION: The Recovery Estimator has been enhanced to detect migrated recovery resources (image copies and log datasets) and issue warnings accordingly when VERIFY-DATASETS is used. It will also estimate the time to recall migrated image copies. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 13745 Copyright (C) 2021 CA. All rights reserved. R01546-D200-SP1 DESC(RECOVERY ESTIMATOR WILL NOW IDENTIFY MIGRATED RESOURCES). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01696 LU02061 S015311 S015864) SUP (LT02117)

Service	Details
LU02124	LU02124 M.C.S. ENTRIES = ++PTF (LU02124) PXM0602 COMPONENT TERMINATING / MAX RETRIES REACHED PROBLEM DESCRIPTION: The CA Execution Manager (Xmanager) may erroneously issue message PXM0601 when an Xmanager component terminates after the maximum number of retries has been made. This message is not relevant to the termination of the component. SYMPTOMS: The following message is issued erroneously when the Xmanager component terminates: PXM0601 - XMAN CONNECT FAILED/DUAL CONNECT REQUESTED This message only applies when two Xmanagers try to use the same address space, not when an Xmanager component terminates. IMPACT: The message does not indicate the actual problem. CIRCUMVENTION: None. After applying this fix, the correct message will be displayed. PXM0602 - component TERMINATING/MAX RETRIES REACHED CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 14136 Copyright (C) 2021 CA. All rights reserved. R01549-D200-SP1 DESC(PXM0602 COMPONENT TERMINATING / MAX RETRIES REACHED). ++VER (Z038) FMID (CINSK00) PRE (LU01978 S001665 S010907) SUP (LT02124 S009796 S014295 ST09796 ST10808 ST10861 ST10903 ST14295) ++HOLD (LU02124) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21208) COMMENT (<pre> +-----+ 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 * ***** </pre>

Service	Details
	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.).

Service	Details
LU02131	LU02131 M.C.S. ENTRIES = ++PTF (LU02131) CHANGE COMMIT FIELD TO SCROLLABLE FIELD PROBLEM DESCRIPTION: If the number of COMMITs exceeds 8 digits, the first digit(s) of the count of number of COMMITs is not displayed. SYMPTOMS: If the number of COMMITs starts with a 0, chances are the number of COMMITs exceeded 8 digits. The number of COMMITs does not seem to make sense with normal processing. IMPACT: The number of COMMITs displayed is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14081 Copyright (C) 2021 CA. All rights reserved. R01550-D200-SP1 DESC(CHANGE COMMIT FIELD TO SCROLLABLE FIELD). ++VER (Z038) FMID (CINSK00) PRE (LU01978 SO01396 SO06113 SO10417 SO14874 SO15132 SO15868) SUP (LT02131 SO15004 ST15004) ++IF FMID(CPDTK00) REQ(LU02132) . ++IF FMID(CPSAK00) REQ(LU02133) .

Service	Details
LU02132	LU02132 M.C.S. ENTRIES = ++PTF (LU02132) CHANGE COMMIT FIELD TO SCROLLABLE FIELD PROBLEM DESCRIPTION: If the number of COMMITs exceeds 8 digits, the first digit(s) of the count of number of COMMITs is not displayed. SYMPTOMS: If the number of COMMITs starts with a 0, chances are the number of COMMITs exceeded 8 digits. The number of COMMITs does not seem to make sense with normal processing. IMPACT: The number of COMMITs displayed is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14081 Copyright (C) 2021 CA. All rights reserved. R01550-D200-SP1 DESC(CHANGE COMMIT FIELD TO SCROLLABLE FIELD). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00858 LU01002 LU01542 LU01982 R096580 R097707 R098088 R098429 R099556 S001400 S006334 S007810 S008455 S010908 S011694 S014860 S016174) SUP (LT01799 LT02132 LU01799) ++IF FMID(CPSAK00) REQ(LU02133) . ++IF FMID(CINSK00) REQ(LU02131) . ++HOLD (LU02132) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21204) COMMENT (<pre> +-----+ 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: </pre>

Service	Details
	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.).

Service	Details
LU02133	LU02133 M.C.S. ENTRIES = ++PTF (LU02133) CHANGE COMMIT FIELD TO SCROLLABLE FIELD PROBLEM DESCRIPTION: If the number of COMMITs exceeds 8 digits, the first digit(s) of the count of number of COMMITs is not displayed. SYMPTOMS: If the number of COMMITs starts with a 0, chances are the number of COMMITs exceeded 8 digits. The number of COMMITs does not seem to make sense with normal processing. IMPACT: The number of COMMITs displayed is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14081 Copyright (C) 2021 CA. All rights reserved. R01550-D200-SP1 DESC(CHANGE COMMIT FIELD TO SCROLLABLE FIELD). ++VER (Z038) FMID (CPSAK00) PRE (LU00859 LU01990 R096589 S001410 S007819 S011345 S012539 S012926 S016175) SUP (LT02133) ++IF FMID(CPDTK00) REQ(LU02132) . ++IF FMID(CINSK00) REQ(LU02131) .

Service	Details
LU02142	LU02142 M.C.S. ENTRIES = ++PTF (LU02142) CATALOG STATS FOR EXPRESSION BASED INDEX FROM SYSKEYTARGETS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) EXPLAIN option incorrectly fetches 'catalog statistics' data for an expression based index from SYSIBM.SYSKEYS & SYSIBM.SYSCOLUMNS instead of SYSIBM.SYSKEYTARGETS. SYMPTOMS: For an expression based index, the 'catalog statistics' data(i.e., Seq#, Column name, Colcard, Low2key, High2key) may be incorrect in EXPLAIN output. IMPACT: User may see incorrect 'catalog statistics' for expression based indexes. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14204 Copyright (C) 2021 CA. All rights reserved. R01551-D200-SP1 DESC(CATALOG STATS FOR EXPRESSION BASED INDEX FROM SYSKEYTARGETS). ++VER (Z038) FMID (CIDBK00) PRE (S001395 S006112 S010160 S012397) SUP (LT02142) ++HOLD (LU02142) SYSTEM FMID(CIDBK00) REASON (DB2BIND) DATE (21207) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. </pre>

Service	Details
	Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT (NCCXPLNC,NCCXPLNM) . CSECT (NUXPLANM) .

Service	Details
LU02143	LU02143 M.C.S. ENTRIES = ++PTF (LU02143) CA UTILITY SORT V3.1.0.0 BATCH-15 INSTALL PROBLEM DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort, and installs BATCH 15 of the CAUTIL SORT API for CA Utilities for DB2 for z/OS products. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 14186 Copyright (C) 2021 CA. All rights reserved. R01552-D200-SP1 DESC(CA UTILITY SORT V3.1.0.0 BATCH-15 INSTALL). ++VER (Z038) FMID (CUTSK00) PRE (R095918 R095972 R096005 R096401 R098970 S000848 S006611 S007927 S009590 S010236 S010470 S011009 S014310 S015480) SUP (LT02143)

Service	Details
LU02164	LU02164 M.C.S. ENTRIES = ++PTF (LU02164) ROLLING MAINTENANCE CUSTOMIZATION TEXT UPDATE OF PXMCUST ENHANCEMENT DESCRIPTION: An update of documentation to be in line with current behavior introduced in rolling maintenance update. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 14293 Copyright (C) 2021 CA. All rights reserved. R01554-D200-SP1 DESC(ROLLING MAINTENANCE CUSTOMIZATION TEXT UPDATE OF PXMCUST) . ++VER (Z038) FMID (CINSK00) PRE (LU01978) SUP (LT02164)

Service	Details
LU02197	LU02197 M.C.S. ENTRIES = ++PTF (LU02197) RECOVERY ESTIMATOR : DEBUG MODE ENHANCEMENT DESCRIPTION: The Recovery Estimator has a new DEBUG keyword that generates extra log messages for troubleshooting purposes. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 13755 Copyright (C) 2021 CA. All rights reserved. R01558-D200-SP1 DESC(RECOVERY ESTIMATOR : DEBUG MODE). ++VER (Z038) FMID (CINSK00) PRE (LU01178 LU01405 LU01673 LU02061 S015311 S015864) SUP (AL01405 LT00227 LT00559 LT01060 LT01643 LT01696 LT02117 LT02197 LU00227 LU01696 LU02117)

Service	Details
LU02211	LU02211 M.C.S. ENTRIES = ++PTF (LU02211) S04E WITH WHERE CLAUSE AND OMITTING A COLUMN PROBLEM DESCRIPTION: In CA RC/Update for DB2 for z/OS (RCU), a S04E ABEND occurs when the following occurs: * Browsing a table that has no primary key definitiony edit screen * The Update Method in the profile is set to searched mode (D) * One or more columns are unselected on the Data Query Edit panel SYMPTOMS: Browsing a table fails with the following error. DSNT408I SQLCODE = -438, ERROR: APPLICATION RAISED ERROR WITH DIAGNOSTIC TEXT: PTABDBS: PTLBDBC subtask has abended: S04E IMPACT: The Table cannot be browsed using RC/Update after unselecting a few columns in the data query edit screen. CIRCUMVENTION: Enter the RC/U profile, set RC/Edit parameter Default method for applying updates to 'P' for positioned updates and browse the table. PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 14332 Copyright (C) 2021 CA. All rights reserved. R01560-D200-SP1 DESC(S04E WITH WHERE CLAUSE AND OMITTING A COLUMN). ++VER (Z038) FMID (CRCUK00) PRE (S006877 S009166) SUP (AL00511 LT00511 LT02211 LU00511) CSECT(RUAEDBF2,STAEDBF2,RUXEDBF2). CSECT(RUAEDTS,RU@#EDTS,EDTSDATA,RUXEDTS).

Service	Details
LU02213	LU02213 M.C.S. ENTRIES = ++PTF (LU02213) FORMATTING IMPROVEMENT IN DDL REDO/UNDO ENHANCEMENT DESCRIPTION: With this enhancement, CA Log Analyzer for DB2 for z/OS properly groups most types of ALTER TABLE and ALTER TABLESPACE statements in DDL Activity REDO/UNDO Report, as they were grouped when submitted. For example, Original statement: <pre>ALTER TABLESPACE tablespacename ALTER PARTITION 1 COMPRESS YES ALTER PARTITION 2 COMPRESS NO;</pre> Before enhancement: <pre>ALTER TABLESPACE tablespacename ALTER PARTITION 1 COMPRESS YES; ALTER TABLESPACE tablespacename ALTER PARTITION 2 COMPRESS NO;</pre> After enhancement, the same as the original statement. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 14058 Copyright (C) 2021 CA. All rights reserved. R01562-D200-SP1 DESC (FORMATTING IMPROVEMENT IN DDL REDO/UNDO) . ++VER (Z038) FMID (CPLAK00) PRE (LU00672 LU01043 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142 S014613 S014866 S015220) SUP (LT02213 S014949 ST14924 ST14949) CSECT (LAA@DOFS,#@XFCALR) .

Service	Details																								
LU02220	LU02220 M.C.S. ENTRIES = ++PTF (LU02220) ERROR IN RECOVERY MAY CAUSE THREADS TO TERMINATE PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) may cause threads to abend with an OC4 and may also cause Db2 to crash after LU01542 is applied. This error may occur following an abend tracking a logon or thread termination event, and is due to a recovery error from that abend. SYMPTOMS: The thread will abend with an OC4 reason 3B. IMPACT: The thread will terminate and Db2 may crash. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14353 Copyright (C) 2021 CA. All rights reserved. R01564-D200-SP1 DESC(ERROR IN RECOVERY MAY CAUSE THREADS TO TERMINATE). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AL01542 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU02220) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21211) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Detector for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS Collections of DB2 statistics via Detector or Subsystem </td></tr> <tr> <td> </td><td>AFFECTED Analyzer. </td></tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE 1. SMP/E </td></tr> </table>	+	-----+		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
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	AFFECTED Analyzer.																								
	DB2 subsystems that have active collections.																								
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	KNOWLEDGE 1. SMP/E																								

Service	Details		
	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.		
	).		
MCS	LU01290	STARTS ON PAGE 0003	
MCS	LU01784	STARTS ON PAGE 0010	
MCS	LU01832	STARTS ON PAGE 0011	
MCS	LU01845	STARTS ON PAGE 0011	
MCS	LU01922	STARTS ON PAGE 0012	
MCS	LU01927	STARTS ON PAGE 0014	
MCS	LU01930	STARTS ON PAGE 0015	
MCS	LU01933	STARTS ON PAGE 0016	
MCS	LU01934	STARTS ON PAGE 0018	
MCS	LU01936	STARTS ON PAGE 0019	
MCS	LU01937	STARTS ON PAGE 0020	
MCS	LU01939	STARTS ON PAGE 0021	
MCS	LU01944	STARTS ON PAGE 0022	
MCS	LU01949	STARTS ON PAGE 0023	
MCS	LU01950	STARTS ON PAGE 0023	
MCS	LU01958	STARTS ON PAGE 0027	
MCS	LU01975	STARTS ON PAGE 0028	
MCS	LU01977	STARTS ON PAGE 0029	
MCS	LU01978	STARTS ON PAGE 0031	
MCS	LU01979	STARTS ON PAGE 0049	
MCS	LU01980	STARTS ON PAGE 0051	
MCS	LU01981	STARTS ON PAGE 0052	
MCS	LU01982	STARTS ON PAGE 0054	
MCS	LU01983	STARTS ON PAGE 0061	
MCS	LU01984	STARTS ON PAGE 0064	
MCS	LU01985	STARTS ON PAGE 0065	
MCS	LU01986	STARTS ON PAGE 0067	
MCS	LU01987	STARTS ON PAGE 0069	
MCS	LU01988	STARTS ON PAGE 0070	
MCS	LU01989	STARTS ON PAGE 0072	
MCS	LU01990	STARTS ON PAGE 0073	
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MCS	LU01993	STARTS ON PAGE 0085	
MCS	LU01994	STARTS ON PAGE 0087	
MCS	LU01995	STARTS ON PAGE 0088	
MCS	LU01996	STARTS ON PAGE 0090	
MCS	LU01997	STARTS ON PAGE 0091	
MCS	LU01998	STARTS ON PAGE 0094	
MCS	LU01999	STARTS ON PAGE 0095	
MCS	LU02005	STARTS ON PAGE 0096	
MCS	LU02006	STARTS ON PAGE 0097	
MCS	LU02007	STARTS ON PAGE 0100	
MCS	LU02008	STARTS ON PAGE 0101	
MCS	LU02029	STARTS ON PAGE 0102	
MCS	LU02030	STARTS ON PAGE 0103	
MCS	LU02031	STARTS ON PAGE 0104	
MCS	LU02033	STARTS ON PAGE 0105	
MCS	LU02048	STARTS ON PAGE 0106	
MCS	LU02053	STARTS ON PAGE 0107	
MCS	LU02061	STARTS ON PAGE 0108	
MCS	LU02062	STARTS ON PAGE 0109	
MCS	LU02093	STARTS ON PAGE 0111	
MCS	LU02096	STARTS ON PAGE 0112	
MCS	LU02108	STARTS ON PAGE 0113	
MCS	LU02117	STARTS ON PAGE 0114	
MCS	LU02124	STARTS ON PAGE 0115	
MCS	LU02131	STARTS ON PAGE 0117	
MCS	LU02132	STARTS ON PAGE 0118	
MCS	LU02133	STARTS ON PAGE 0122	
MCS	LU02142	STARTS ON PAGE 0125	
MCS	LU02143	STARTS ON PAGE 0126	
MCS	LU02164	STARTS ON PAGE 0127	
MCS	LU02197	STARTS ON PAGE 0128	
MCS	LU02211	STARTS ON PAGE 0129	
MCS	LU02213	STARTS ON PAGE 0130	
MCS	LU02220	STARTS ON PAGE 0131	

DB2 Tools 20.0
CA RS 2108 Product/Component Listing

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Product Family	Product	Release
Database	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 OBJECT FRAMEWORK SERVICES	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 UTILITY SORT SERVICE	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
	CA COMMON SQL SERVICES FOR DB2 FOR Z/OS	01.00.00
The CA RS 2108 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCSK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00

CA RS Level	Service	FMID
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00

CA RS Level	Service	FMID
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00

CA RS Level	Service	FMID
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00

CA RS Level	Service	FMID
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00

CA RS Level	Service	FMID
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00

CA RS Level	Service	FMID
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00

CA RS Level	Service	FMID
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00

CA RS Level	Service	FMID
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00

CA RS Level	Service	FMID
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00

CA RS Level	Service	FMID
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00

CA RS Level	Service	FMID
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00

CA RS Level	Service	FMID
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00

CA RS Level	Service	FMID
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00

CA RS Level	Service	FMID
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00

CA RS Level	Service	FMID
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00

CA RS Level	Service	FMID
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00

CA RS Level	Service	FMID
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00

CA RS Level	Service	FMID
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00

CA RS Level	Service	FMID
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00

CA RS Level	Service	FMID
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00

CA RS Level	Service	FMID
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00

CA RS Level	Service	FMID
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00

CA RS Level	Service	FMID
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00

CA RS Level	Service	FMID
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00

CA RS Level	Service	FMID
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00

CA RS Level	Service	FMID
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00

CA RS Level	Service	FMID
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00

CA RS Level	Service	FMID
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00

CA RS Level	Service	FMID
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00

CA RS Level	Service	FMID
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00

CA RS Level	Service	FMID
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00

CA RS Level	Service	FMID
CAR1810	S005700	CPUTK00
	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
	S005237	CINSK00
CAR1809	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00

CA RS Level	Service	FMID
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00

CA RS Level	Service	FMID
CAR1805	S001641	CPLAK00
	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00

CA RS Level	Service	FMID
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00

CA RS Level	Service	FMID
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00

CA RS Level	Service	FMID
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00