

CA IDMS 19.0
CA RS 1705 Service List

Service	Description	Type
RO94717	S0C4 IN OLQSDMLE USING AUTHORIZED LIBRARIES	PTF
RO94965	PROGRAM CHECK IN OLQSDMLE	PTF
RO95021	OLQ GROUP BY DBKEY INCORRECT	PTF
RO95076	LOOP INSERTING RECORD INTO AN INDEX SET	PTF
RO95151	MEMORY CACHE INITIALIZATION MULTITASKING CONFLICT	PTF
RO95319	#HOOK LOC= MUST BE ACON OR FULLWORD	PTF
RO95344	VARIOUS ABENDS/LOOP AFTER IDMS/4922,5090,5109,5145 PTFS APPLD	PTF
RO95411	IDMSLOOK PROGRAM= DISPLAYING INVALID COMPONENT DATA	PTF
The CA RS 1705 service count for this release is 8		

CA IDMS
CA RS 1705 Service List for CAGJJ00

FMID	Service	Description	Type
CAGJJ00	RO94717	S0C4 IN OLQSDMLE USING AUTHORIZED LIBRARIES	PTF
	RO94965	PROGRAM CHECK IN OLQSDMLE	PTF
	RO95021	OLQ GROUP BY DBKEY INCORRECT	PTF
	RO95076	LOOP INSERTING RECORD INTO AN INDEX SET	PTF
	RO95151	MEMORY CACHE INITIALIZATION MULTITASKING CONFLICT	PTF
	RO95319	#HOOK LOC= MUST BE ACON OR FULLWORD	PTF
	RO95344	VARIOUS ABENDS/LOOP AFTER IDMS/4922,5090,5109,5145 PTFS APPLYD	PTF
	RO95411	IDMSLOOK PROGRAM= DISPLAYING INVALID COMPONENT DATA	PTF
The CA RS 1705 service count for this FMID is 8			

CA IDMS 19.0
CA RS 1705 - PTF RO94717 Details

Service	Details
RO94717	<p>RO94717 M.C.S. ENTRIES = ++PTF (RO94717)</p> <p>S0C4 IN OLQSDMLE USING AUTHORIZED LIBRARIES</p> <p>PROBLEM DESCRIPTION:</p> <p>After applying RO93233 (19.0) or RO93232 (18.5), OLQSDMLE may abend S0C4.</p> <p>SYMPTOMS:</p> <p>OLQBATCH abends S0C4 if all STEPLIB libraries are authorized.</p> <p>IMPACT:</p> <p>OLQBATCH does not function unless OLQSDMLE is relinked, or an un-authorized library is added to STEPLIB.</p> <p>CIRCUMVENTION:</p> <p>Link module OLQSDMLE with the following linkage editor input:</p> <pre>//SYSLIN DD * INCLUDE SYSLIB(OLQSDMLE) SETOPT PARM(REUS(NONE)) ENTRY ENTRY NAME OLQSDMLE(R) /*</pre> <p>Or, add an un-authorized library to STEPLIB in OLQBATCH JCL.</p> <p>PRODUCT(S) AFFECTED: CA IDMS Release 19.0</p> <p>CA IDMS Release 18.5</p> <p>Related Problem:</p> <p>IDMS 5328</p> <p>Copyright (C) 2017 CA. All rights reserved. R00329-AGJ190-SP1</p> <p>DESC(S0C4 IN OLQSDMLE USING AUTHORIZED LIBRARIES).</p> <p>++VER (Z038)</p> <p>FMID (CAGJJ00)</p> <p>PRE (RO83206 RO93233)</p> <p>SUP (RO90583 TR90583 TR94489 TR94692 TR94717)</p>

CA IDMS 19.0
CA RS 1705 - PTF RO94965 Details

Service	Details				
RO94965	<p>RO94965 M.C.S. ENTRIES = ++PTF (RO94965)</p> <p>PROGRAM CHECK IN OLQSDMLE</p> <p>PROBLEM DESCRIPTION:</p> <p>When IDMSUXIT is loaded from STEPLIB and storage protection is enabled: OLQ abends with a SOC4 protection exception checking for an OLQ exit, whether an exit is linked with IDMSUXIT or not. This problem occurs when RO93232 and RO60928 are applied in 18.5 or when RO93233 is applied on 19.0.</p> <p>The compiler exits: SCHEXITO, SGNEXITO, SUBEXITO, or IDDEXITO will abend with a SOC4 protection exception when called on 19.0, and on 18.5 with RO60928 applied.</p> <p>When IDMSUXIT is loaded from STEPLIB, it will be loaded into fetch protected storage, in the primary system key. When storage protect is enabled for OLQ and the compilers they will run in an alternate key, and are unable to reference or run in storage that is fetch protected in a different key.</p> <p>This fix will maintain a copy of the IDMSUXIT pointer table in non-fetch protected storage when needed. And when user mode exits are linked, a second copy of IDMSUXIT will be loaded into storage that can be updated from a user mode exit, whether storage protection is enabled or not.</p> <p>SYMPTOMS:</p> <p>IDMS DC027001 Vn Tnnn D003 PROGRAM CHECK IN OLQSDMLE AT OFFSET 2888 IDMS DC027001 Vn Tnnn D003 PROGRAM CHECK IN IDMSDDDC AT OFFSET DB2142 There could be other offsets and programs.</p> <p>IMPACT:</p> <p>Unable to run OLQ with storage protect enabled. Unable to run a compiler program with its corresponding online exit defined and storage protect enabled.</p> <p>CIRCUMVENTION:</p> <p>Turn off storage protection in system or for the task that is failing.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA IDMS Base Option</td> <td style="text-align: right;">Release 18.5</td> </tr> <tr> <td>CA IDMS Base Option</td> <td style="text-align: right;">Version 19.0</td> </tr> </table> <p>Related Problem:</p> <p>IDMS 5334</p> <p>Copyright (C) 2017 CA. All rights reserved. R00332-AGJ190-SP1</p> <p>DESC(PROGRAM CHECK IN OLQSDMLE). ++VER (Z038) FMID (CAGJJ00) PRE (R080760 R081229 R083713 R090447 R092366) SUP (AR81229 RI82705 R079109 R079685 R082708 R088217 R089987 R091223 R092599 R094476 TR79109 TR79685 TR82708 TR88217 TR89987 TR91223 TR91485 TR92599 TR94476 TR94965)</p>	CA IDMS Base Option	Release 18.5	CA IDMS Base Option	Version 19.0
CA IDMS Base Option	Release 18.5				
CA IDMS Base Option	Version 19.0				

CA IDMS 19.0
CA RS 1705 - PTF RO95021 Details

Service	Details
RO95021	<p>RO95021 M.C.S. ENTRIES = ++PTF (RO95021)</p> <p>OLQ GROUP BY DBKEY INCORRECT</p> <p>PROBLEM DESCRIPTION: OLQ SQL queries utilizing OPTIONS DBKEY where GROUP BY includes a DBKEY is not functioning correctly.</p> <p>SYMPTOMS: The same DBKEY is displayed in all columns. The sequence of the returned columns is not affected by DBKEY values.</p> <p>IMPACT: GROUP BY containing a DBKEY reference does not produce expected results.</p> <p>CIRCUMVENTION: None. Removing the GROUP BY clause displays the correct DBKEYs.</p> <p>PRODUCT(S) AFFECTED: CA IDMS Release 19.0</p> <p>CA IDMS Release 18.5</p> <p>Related Problem: IDMS 5338</p> <p>Copyright (C) 2017 CA. All rights reserved. R00333-AGJ190-SP1</p> <p>DESC(OLQ GROUP BY DBKEY INCORRECT). ++VER (Z038) FMID (CAGJJ00) PRE (RO79780 RO83206 RO86800) SUP (RO82490 TR82490 TR95021)</p>

CA IDMS 19.0
CA RS 1705 - PTF RO95076 Details

Service	Details
RO95076	<p>RO95076 M.C.S. ENTRIES = ++PTF (RO95076)</p> <p>LOOP INSERTING RECORD INTO AN INDEX SET</p> <p>PROBLEM DESCRIPTION:</p> <p>While inserting a record into an index it is occasionally necessary to wait on the read of an SR8 record. When this occurs the DBMS may decide to repeat the process of locating the insertion point for the new record to insure that the index structure did not change during the wait.</p> <p>Occasionally on subsequent attempts to read the target SR8 record, a wait is always required resulting in a constant loop to re-establish the position within the index set. To date this has only been very rarely encountered in data sharing environments. This PTF will limit the iterations of the loop to 500 times for any single insertion. If it occurs past that point the task associated with the transaction will be abended with a code of 1155.</p> <p>SYMPTOMS:</p> <p>A task may appear to hang within the CV for long periods of time.</p> <p>IMPACT:</p> <p>The task that is hanging may cause a bottleneck within the CV or data sharing group resulting in slow response times due to multiple tasks waiting for resources. These other tasks may abend as a result of stall conditions or because deadlock conditions result.</p> <p>CIRCUMVENTION:</p> <p>Cancel the task that is in the loop using a DCMT command, OPER, or the Performance Monitor (PMRM). An immediate rerun of the canceled task typically completes successfully.</p> <p>PRODUCTS AFFECTED: CA-IDMS Release 18.5 CA-IDMS Release 19.0</p> <p>Related Problem: IDMS 5337</p> <p>Copyright (C) 2017 CA. All rights reserved. R00335-AGJ190-SP1</p> <p>DESC(LOOP INSERTING RECORD INTO AN INDEX SET). ++VER (Z038) FMID (CAGJJ00) PRE (RO79110 RO83713 RO92366) SUP (HC79102 RO79031 RO93739 TR79031 TR93739 TR95034 TR95076) ++HOLD (RO95076) SYSTEM FMID(CAGJJ00) REASON (ACTION) DATE (17087) COMMENT (</p> <pre> +-----+ CA IDMS Base Option Version 19.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Update messages +-----+-----+ USERS AFFECTED All CA IDMS users +-----+-----+ KNOWLEDGE REQUIRED Update messages in the dictionary +-----+-----+ ACCESS REQUIRED Ability to run IDMSDDDL in batch or use IDD online +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre> <p>After installing this PTF, please use the IDMSDDDL utility to update your SYSTEM dictionary's message area with the input in source member ABEND001. Please note using this member</p>

CA IDMS 19.0
CA RS 1705 - PTF RO95076 Details

Service	Details
	will result in the update of all messages contained within ABEND001. You may optionally decide to only update the specific message associated with this correction. To do this simply include message ABND1155 as input to the IDMSDDL utility.).

CA IDMS 19.0
CA RS 1705 - PTF RO95151 Details

Service	Details
RO95151	<p>RO95151 M.C.S. ENTRIES = ++PTF (RO95151)</p> <p>MEMORY CACHE INITIALIZATION MULTITASKING CONFLICT</p> <p>PROBLEM DESCRIPTION:</p> <p>When multitasking is enabled and two or more tasks request 64-bit memory concurrently, if control blocks which track 64-bit memory usage have not been allocated yet, each task may allocate its own set of blocks. If this happens, one set of blocks will get used for future requests and the other set will be ignored. The set that is kept will be missing the storage used count that was tracked in the set that was ignored.</p> <p>As 64-bit memory is freed, the storage used amount is decremented. Because the count does not include all storage, this count can go negative, and an audit check will force a program check. If this happens at shutdown, it will result in a 3964 abend.</p> <p>64-bit storage is used for DB files defined with MEMORY CACHE YES, and may be used for SCRATCH IN STORAGE.</p> <p>This fix will address the issue of concurrent task threads through key areas of this code path.</p> <p>This fix also addresses a problem where the high halves of 64-bit registers were not being saved during an abend when Amode-31.</p> <p>SYMPTOMS:</p> <p>3964 abend at shutdown</p> <p>DC027002 SYSTEM MODULE PROGRAM CHECKED NEAR RHDCOS00</p> <p>Offsets may vary.</p> <p>IMPACT:</p> <p>If the abend occurs while closing a file, the system should stay up and running, but should be shutdown and restarted to cleanup control blocks. The problem may reoccur during shutdown.</p> <p>If it occurs during shutdown, the system should be restarted to go through warmstart. It can then be left up or shutdown as needed.</p> <p>This should be a rare occurrence, it is not expected to happen frequently.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA IDMS Base Option Release 18.5</p> <p>CA IDMS Base Option Version 19.0</p> <p>Related Problem:</p> <p>IDMS 5339</p> <p>Copyright (C) 2017 CA. All rights reserved. R00337-AGJ190-SP1</p> <p>DESC(MEMORY CACHE INITIALIZATION MULTITASKING CONFLICT).</p> <p>++VER (Z038)</p> <p>FMID (CAGJJ00)</p> <p>PRE (R079409 R080412 R080760 R081229 R081358 R083694 R083713 R090447 R092366 R093347)</p> <p>SUP (AR81229 RI82705 RO79109 RO79685 R082708 R083748 R088217 R089987 R091223 R092599 R094476 R094965 TR79109 TR79685 TR82708 TR83748 TR88217 TR89987 TR91223 TR91485 TR92599 TR94476 TR94965 TR95151)</p> <p>++HOLD (RO95151) SYSTEM FMID(CAGJJ00)</p> <p>REASON (ACTION) DATE (17097)</p> <p>COMMENT (</p> <pre> +-----+ CA IDMS Base Option Version 19.0 +-----+ +-----+ SEQUENCE After Apply +-----+ +-----+ PURPOSE Update Messages +-----+ +-----+ USERS +-----+ AFFECTED All IDMS users +-----+ +-----+ KNOWLEDGE +-----+ </pre>

CA IDMS 19.0
 CA RS 1705 - PTF RO95151 Details

Service	Details
	REQUIRED Update definitions in the Dictionary +-----+-----+
	ACCESS REQUIRED Ability to run IDMSDDDL in batch or use IDD online +-----+-----+
	***** * STEPS TO PERFORM * ***** After installing this PTF, please use the IDMSDDDL utility to update your SYSTEM dictionary's message area with the input in source member DC170. Please note using this member will result in the update of all messages contained within DC170. You may optionally decide to only update the specific message(s) associated with this correction. To do this simply include message(s) DC170106 as input to the IDMSDDDL utility. The source will be in the SMP/E CAGJSRC library.).

CA IDMS 19.0
CA RS 1705 - PTF RO95319 Details

Service	Details
RO95319	<p>RO95319 M.C.S. ENTRIES = ++PTF (RO95319)</p> <p>#HOOK LOC= MUST BE ACON OR FULLWORD</p> <p>PROBLEM DESCRIPTION:</p> <p>When the #HOOK LOC= parameter is coded as a label instead of a register, the macro returns an MNOTE error indicating the label is not an ACON or register.</p> <p>The parameter is documented as passing the address of an entry point which may be in a register or a label. The check for a fullword, ACON, or VCON, prevents a label from being used as an entry point.</p> <p>SYMPTOMS:</p> <p>** ASMA254I *** MNOTE ***</p> <p>8,LOC MUST BE EITHER A REGISTER AN ACON OR A FULLWORD</p> <p>This fix removes the macro instructions which check if LOC= is a fullword, ACON, or VCON. Any label will be allowed as an entry point. It will have no impact on programs which are currently passing the entry point in a register.</p> <p>IMPACT:</p> <p>The program does not assemble correctly.</p> <p>CIRCUMVENTION:</p> <p>Pass EP address in a register.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA IDMS Base Option Release 18.5 CA IDMS Base Option Version 19.0</p> <p>Related Problem:</p> <p>IDMS 5346</p> <p>Copyright (C) 2017 CA. All rights reserved. R00345-AGJ190-SP1</p> <p>DESC(#HOOK LOC= MUST BE ACON OR FULLWORD). ++VER (Z038) FMID (CAGJJ00) PRE (R080760) SUP (TR95319)</p>

CA IDMS 19.0
CA RS 1705 - PTF RO95344 Details

Service	Details
RO95344	<p>RO95344 M.C.S. ENTRIES = ++PTF (RO95344)</p> <p>VARIOUS ABENDS/LOOP AFTER IDMS/4922,5090,5109,5145 PTFs APLD</p> <p>PROBLEM DESCRIPTION:</p> <p>Various types of abends and loops have been reported after applying PTFs related to IDMS problems IDMS/4922, IDMS/5090, IDMS/5109 and IDMS/5145.</p> <p>IDMS/4922 - AFTER THE RLES ARE INCREASED, IDMS GOES INTO A 3970.</p> <p>IDMS/5090 - IDMS TASKS GET DC021003 ERRORS.</p> <p>IDMS/5109 - A VARY DYNAMIC PROGRAM DELETE CAUSES A DC022003 ABEND.</p> <p>IDMS/5145 - IDMS CRASHES WITH A 3948 ABEND.</p> <p>Dump research from the abends have shown incorrect resource management of program type resources and premature execution of tasks that should be waiting for program types that have been new copied and are still in use by an active task.</p> <p>SYMPTOMS:</p> <p>One example is an active task is using subschema XXX. A DCMT VARY SUBSCHEMA XXX NC command is issued and marks SUBSCHEMA XXX for new copy. A third task begins execution while the first task is still active and using subschema XXX. The third task also uses subschema XXX and should wait until the first task is finished with subschema XXX. However, the third task does not wait and uses a corrupted copy of subschema XXX resulting in a loop or abend.</p> <p>IMPACT:</p> <p>The CV will loop and need to be cancelled or a System Module Program Check or various S0Cn abends can occur.</p> <p>CIRCUMVENTION:</p> <p>There is no circumvention.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA IDMS Release 19.0</p> <p>CA IDMS Release 18.5</p> <p>Related Problem:</p> <p>IDMS 5345</p> <p>Copyright (C) 2017 CA. All rights reserved. R00346-AGJ190-SP1</p> <p>DESC(VARIOUS ABENDS/LOOP AFTER IDMS/4922,5090,5109,5145 PTFs APPLD).</p> <p>++VER (Z038)</p> <p>FMID (CAGJJ00)</p> <p>PRE (R079192 R080760 R081358 R083713 R087425 R092573)</p> <p>SUP (R081872 R083099 R083245 R084550 R090319 R092068</p> <p>TR81872 TR83099 TR83245 TR84550 TR87403 TR90319</p> <p>TR91177 TR91540 TR91628 TR91689 TR92068 TR95309</p> <p>TR95344)</p>

CA IDMS 19.0
CA RS 1705 - PTF RO95411 Details

Service	Details																														
RO95411	<p>RO95411 M.C.S. ENTRIES = ++PTF (RO95411)</p> <p>IDMSLOOK PROGRAM= DISPLAYING INVALID COMPONENT DATA</p> <p>PROBLEM DESCRIPTION:</p> <p>The PROGRAM= and DATES= functions for program IDMSLOOK and task LOOK may report components in a load module that do not exist, and the data for that component will be invalid. It may contain hex and non-displayable data interspersed with displayable characters.</p> <p>IDMSLOOK is incorrectly identifying some internal locations as the start of a module ID, and displaying what follows as data. This fix adds extra edit checks to validate a location is a module ID before reporting it.</p> <p>SYMPTOMS:</p> <p>A LOOK PROGRAM= or DATES= report may contain data similar to this:</p> <table border="0"> <thead> <tr> <th>Module</th> <th>Offset</th> <th>Date</th> <th>Time</th> <th>FMID</th> <th>RMID</th> </tr> </thead> <tbody> <tr> <td>IDDSMAIN</td> <td>+0</td> <td>161130</td> <td>1012</td> <td>CAGJJ00</td> <td>RO93347</td> </tr> <tr> <td>ICMS..69</td> <td>+B512A</td> <td>..&...</td> <td>-...</td> <td>97879.&</td> <td>{o...}}</td> </tr> <tr> <td>E DATE</td> <td>+A58D8</td> <td>WA) #L</td> <td>AD#D</td> <td>TIME</td> <td>A(LWA</td> </tr> </tbody> </table> <p>IMPACT:</p> <p>The report contains incorrect information.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <table border="0"> <tr> <td>CA IDMS Base Option</td> <td style="text-align: right;">Release 18.0</td> </tr> <tr> <td>CA IDMS Base Option</td> <td style="text-align: right;">Release 18.5</td> </tr> <tr> <td>CA IDMS Base Option</td> <td style="text-align: right;">Release 19.0</td> </tr> </table> <p>Related Problem:</p> <p>IDMS 5347</p> <p>Copyright (C) 2017 CA. All rights reserved. R00347-AGJ190-SP1</p> <p>DESC(IDMSLOOK PROGRAM= DISPLAYING INVALID COMPONENT DATA). ++VER (Z038) FMID (CAGJJ00) PRE (RO90447) SUP (RO81916 RO86312 TR81916 TR86312 TR95411)</p>	Module	Offset	Date	Time	FMID	RMID	IDDSMAIN	+0	161130	1012	CAGJJ00	RO93347	ICMS..69	+B512A	..&...	-...	97879.&	{o...}}	E DATE	+A58D8	WA) #L	AD#D	TIME	A(LWA	CA IDMS Base Option	Release 18.0	CA IDMS Base Option	Release 18.5	CA IDMS Base Option	Release 19.0
Module	Offset	Date	Time	FMID	RMID																										
IDDSMAIN	+0	161130	1012	CAGJJ00	RO93347																										
ICMS..69	+B512A	..&...	-...	97879.&	{o...}}																										
E DATE	+A58D8	WA) #L	AD#D	TIME	A(LWA																										
CA IDMS Base Option	Release 18.0																														
CA IDMS Base Option	Release 18.5																														
CA IDMS Base Option	Release 19.0																														

CA IDMS 19.0
CA RS 1705 Product/Component Listing

Product Family	Product	Release
IDMS	CA IDMS BASE OPTION	19.00.00
The CA RS 1705 Product/Component Count for this release is 1		

CA IDMS 19.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1705	R095411	CAGJJ00
	R095344	CAGJJ00
	R095319	CAGJJ00
	R095151	CAGJJ00
	R095076	CAGJJ00
	R095021	CAGJJ00
	R094965	CAGJJ00
	R094717	CAGJJ00
CAR1704	R094911	CAGJJ00
	R094476	CAGJJ00
	R093224	CAGJJ00
CAR1703	R094540	CAGJJ00
	R094431	CAGJJ00
	R094367	CAGJJ00
	R094240	CAGJJ00
	R094188	CAGJJ00
	R094058	CAGJJ00
	R094036	CAGJJ00
	R093920	CAGJJ01
	R093891	CAGJJ00
	R093849	CAGJJ00
	R093347	CAGJJ00
CAR1702	R093975	CAGJJ00
	R093872	CAGJJ00
	R093739	CAGJJ00
	R093622	CAGJJ00
	R093389	CAGJJ01
CAR1701	R093431	CAGJJ00
	R093357	CAGJJ00
	R093292	CAGJJ00
	R093266	CAGJJ00
	R093233	CAGJJ00
CAR1612	R093158	CAGJJ00
	R093102	CAGJJ00
	R092992	CAGJJ00
	R092927	CAGJJ00
	R092877	CAGJJ00
	R092672	CAGJJ00
	R092599	CAGJJ00
	R092573	CAGJJ00
	R092524	CAGJJ00
	R092452	CAGJJ00
	R090583	CAGJJ00
CAR1611	R092665	CAGJJ00
	R092643	CAGJJ00
	R092547	CAGJJ00
	R092371	CAGJJ00
	R092366	CAGJJ00
	R092321	CAGJJ00
	R092187	CAGJJ00
	R092185	CAGJJ00
	R092176	CAGJJ00
	R092157	CAGJJ00
	R092114	CAGJJ00
	R092068	CAGJJ00

CA IDMS 19.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R091986	CAGJJ00
	R091960	CAGJJ00
	R091870	CAGJJ00
	R091328	CAGJJ00
	R091223	CAGJJ00
	R090671	CAGJJ00
CAR1610	R091903	CAGJJ00
	R091297	CAGJJ00
	R091251	CAGJJ00
	R091070	CAGJJ00
	R090917	CAGJJ00
CAR1609	R091237	CAGJJ00
	R091229	CAGJJ00
	R091091	CAGJJ00
	R091050	CAGJJ00
	R090721	CAGJJ00
	R090707	CAGJJ00