Release	Service	Description	Type
18.0	RO77207	INCORRECT MESSAGE DURING DCMT VARY DMCL NEW COPY	PTF
	RO77529	POSSIBLE POINTER CORRUPTION WITH REORG	*HIP/PRP*
	RO77757	OLQ DISPLAYS AN EMPTY REPORT	PTF
	RO77809	PL/I DC_BATCH PROGRAMS DO NOT DO ROLLBACK TASK	PTF
	RO77826	COMPILING LARGE SQL ROUTINES MAY LEAD TO SOS CONDITIONS.	PTF
	RO77870	BAD ACCESS PLAN WHEN REPEATING SAME FUNCTION CALLS	PTF
	RO77882	INADEQUATE DEFINITION OF AN X013 UCF ABEND	PTF
	RO77993	D901 ABEND OR D016001 FREESTG ERROR TCP/IP LINE CLOSES	PTF
	RO78116	MESSAGE DB005535 DESCRIPTION INCOMPLETE	PTF
	RO78215	JOINING MULTIPLE TABLES WHILE USING GROUP BY CLAUSE	*HIP/PRP*
	RO78515	OPT00223 NOT WORKING CORRECTLY	PTF
	RO78719	DC MESSAGE UPDATES	PTF

The CA RS 1503 service count for this release is 12

CA IDMS
CA RS 1503 Service List for CAGJI00

FMID	Service	Description	Type
CAGJI00	RO77207	INCORRECT MESSAGE DURING DCMT VARY DMCL NEW COPY	PTF
	RO77529	POSSIBLE POINTER CORRUPTION WITH REORG	*HIP/PRP*
	RO77757	OLQ DISPLAYS AN EMPTY REPORT	PTF
	RO77809	PL/I DC_BATCH PROGRAMS DO NOT DO ROLLBACK TASK	PTF
	RO77826	COMPILING LARGE SQL ROUTINES MAY LEAD TO SOS CONDITIONS.	PTF
	RO77870	BAD ACCESS PLAN WHEN REPEATING SAME FUNCTION CALLS	PTF
	RO77882	INADEQUATE DEFINITION OF AN X013 UCF ABEND	PTF
	RO77993	D901 ABEND OR D016001 FREESTG ERROR TCP/IP LINE CLOSES	PTF
	RO78116	MESSAGE DB005535 DESCRIPTION INCOMPLETE	PTF
	RO78215	JOINING MULTIPLE TABLES WHILE USING GROUP BY CLAUSE	*HIP/PRP*
	RO78515	OPT00223 NOT WORKING CORRECTLY	PTF
	RO78719	DC MESSAGE UPDATES	PTF

The CA RS 1503 service count for this FMID is 12

Release	Service	Details
18.0	RO77207	RO77207 M.C.S. ENTRIES = ++PTF (RO77207) INCORRECT MESSAGE DURING DCMT VARY DMCL NEW COPY PROBLEM DESCRIPTION: When attempting to change a file's shared cache options by using a DCMT VARY DMCL NC command the process may generate an extraneous message indicating that related areas must first be varied offline. Despite the presence of the message the desired change is performed. SYMPTOMS: During the execution of the DMCT VARY DMCL NC command the following message may be generated when changing a file's shared cache options. Segment.Area-name Area in use - Vary Offline first IMPACT: Some confusion whether a vary of the specified areas must be performed. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA IDMS Release 18.0 CA IDMS Release 18.5 Star Problem(s): IDMS 4998 Copyright (C) 2014 CA. All rights reserved. R00751-AGJ180-SP1 DESC(INCORRECT MESSAGE DURING DCMT VARY DMCL NEW COPY). ++VER (Z038) FMID (CAGJI00) PRE (RO35804 RO48379 RO57434) SUP (AC57521 RO26893 RO27707 RO27886 RO34918 RO36963 RO38054 RO41036 RO51132 RO51972 RO52570 RO57519 RO66500 TR26893 TR27707 TR27886 TR34918 TR36963 TR38054 TR41036 TR47810 TR51132 TR51972 TR52570 TR57519 TR66500 TR77207)

Release	Service	Details
18.0	RO77529	RO77529 M.C.S. ENTRIES = ++PTF (RO77529) POSSIBLE POINTER CORRUPTION WITH REORG PROBLEM DESCRIPTION: Although highly unlikely, it is possible for REORG to corrupt set pointers. This may occur when a dependent area contains relocated records and those records are connected to a record in an area that has been selected to be processed by REORG. This apar will also address records being incorrectly passed to the RELOAD7 step when not necessary. This has no impact on the integrity of the database but can lengthen the REORG run-time. SYMPTOMS: Following the execution of the REORG utility against a DB with relocated records but no integrity problems prior to the running of REORG an IDMSDBAN execution will indicate broken chains. Even when no relocated records exist within a database being processed by REORG the RELOAD7 step will indicate that it has processed record occurrences. IMPACT: If relocated records exist in a dependent area and are connected to records in a selected area the database may be corrupted. If an IDMSDBAN run indicates broken chains it will be necessary to recover the database. If the database does not contain relocated records but step RELOAD7 processes records the database is good. The impact is that the REORG execution may take longer than it should require. CIRCUMVENTION: If the dependent area contains relocated records include the dependent area as an area to be included in the REORG process. There is no circumvention if the database does not include relocated records but step RELOAD7 processed records. PRODUCTS AFFECTED: CA IDMS Release 17.0 CA IDMS Release 18.0 CA IDMS Release 18.5 Star Problem(s): IDMS 4988 Copyright (C) 2015 CA. All rights reserved. R00757-AGJ180-SP1 DESC(POSSIBLE POINTER CORRUPTION WITH REORG). ++VER (Z038) FMID (CAGJI00) PRE (RO68976) SUP (IC57521 TR76408 TR77529)

Release	Service	Details
18.0	RO77757	RO77757 M.C.S. ENTRIES = ++PTF (RO77757) OLQ DISPLAYS AN EMPTY REPORT PROBLEM DESCRIPTION: OLQ may display an empty report if the 'REPORT FILE PAGE SIZE' definition in SYSGEN is less than 72 bytes larger then the record being displayed. SYMPTOMS: OLQ may display an empty report. IMPACT: OLQ reports will be empty. CIRCUMVENTION: Increase the 'REPORT FILE PAGE SIZE' definition in SYSGEN to at least 72 bytes larger then the record being displayed. PRODUCTS AFFECTED: CA IDMS Release 18.0 CA IDMS Release 18.5 Star Problem(s): IDMS 5012 Copyright (C) 2015 CA. All rights reserved. R00760-AGJ180-SP1 DESC(OLQ DISPLAYS AN EMPTY REPORT). ++VER (Z038) FMID (CAGJI00) PRE (RO49732 RO61829) SUP (RO31540 RO73631 TR31540 TR73631 TR77757)

Release	Service	Details

18.0	RO77809	RO77809 M.C.S. ENTRIES = ++PTF (RO77809)
		
		PL/I DC_BATCH PROGRAMS DO NOT DO ROLLBACK TASK
		PROBLEM DESCRIPTION:
		The IDMS_STATUS module copied into PL/I programs using a mode
		of DC_BATCH contains a ROLLBACK instead of a ROLLBACK TASK
		command. This could result in database work being rolled out
		but associated queue work not being recovered if the code
		within the IDMS_STATUS module is executed.
		SYMPTOMS:
		No obvious external symptoms but if the IDMS_STATUS code is
		executed the user's database and queue area may not be in sync.
		IMPACT:
		Potential application and database inconsistencies.
		CIRCUMVENTION:
		None.
		PRODUCTS AFFECTED: CA IDMS Release 18.0
		CA IDMS Release 18.5
		Star Problem(s):
		IDMS 5014
		Copyright (C) 2015 CA. All rights reserved. R00762-AGJ180-SP1
		
		DESC(PL/I DC_BATCH PROGRAMS DO NOT DO ROLLBACK TASK).
		++VER (Z038)
		FMID (CAGJI00)
		SUP (RO51549 TR51549 TR77809)
		++HOLD (RO77809) SYSTEM FMID(CAGJI00)
		REASON (ACTION) DATE (15020)
		COMMENT (
		<pre>+--+
		| CA IDMS Base Option Release 18.0 |
		+----------+---+
		|SEQUENCE | After APPLY |
		+----------+---+
		|PURPOSE | Update Messages, Reports, or SYSGEN definitions. |
		+----------+---+
		|USERS | All IDMS users. |
		|AFFECTED | |
		+----------+---+
		|KNOWLEDGE | Update definitions in the Dictionary. |
		|REQUIRED | |
		+----------+---+
		|ACCESS | Ability to run IDMSDDDL and RHDCSGEN in batch or use |
		|REQUIRED | IDD or SYSGEN online. |
		+----------+---+</pre>************************
		* STEPS TO PERFORM *
		************************
		1. After installing this PTF, use the IDMSDDDL utility
		to update the dictionary which contains reports,
		normally the SYSDIRL dictionary.
		The source will be in the SMP/E distribution source
		library if an ACCEPT has been executed for the PTF
		and in the SMPMTS library if an APPLY has been
		executed but no ACCEPT has been executed.
		2. It is recommended that any PL/I program that runs
		in DC_BATCH mode be recompiled to bring in the
		updated IDMS_STATUS module.
		).

Release	Service	Details
18.0	RO77826	RO77826 M.C.S. ENTRIES = ++PTF (RO77826) COMPILING LARGE SQL ROUTINES MAY LEAD TO SOS CONDITIONS. PROBLEM DESCRIPTION: When trying to compile a large SQL routine, that is FUNCTION or PROCEDURE, with for example more than 1000 lines, the compilation process may cause the CV to stop doing anything because of several SOS conditions. Those SOS conditions are caused by the fact that the SQL parser is repeatedly concatenating string nodes, but is not freeing the storage of the 2 input string nodes afterwards. SYMPTOMS: After the compilation process is started, the CV will stop doing anything and several SOS conditions like: IDMS DC015007 V70 POOL 150: SOS CONDITION 1, SZ=98944, T=RHDCNP3S, P=*SYSTEM* IDMS DC015007 V70 POOL 150: SOS CONDITION 0, SZ=4096, T=RHDCNP3S, P=*SYSTEM* IDMS DC015007 V70 POOL 000: SOS CONDITION 0, SZ=4096, T=RHDCNP3S, P=*SYSTEM* IDMS DC015007 V70 POOL 000: SOS CONDITION 1, SZ=112384, T=RHDCNP3S, P=*SYSTEM* may appear in the CV joblog. IMPACT: Once the SOS conditions appear in the CV joblog, the CV will stop doing anything and the only way to escape from this situation and to resume normal processing, is to cancel and restart the CV. CIRCUMVENTION: Compiling an SQL routine with for example 2000 lines will require hundreds of MB storage. Creating huge storage pools may not always be possible and if so, will only give minor relief. PRODUCT(S) AFFECTED: CA IDMS Release 18.5 CA IDMS Release 18.0 Star Problem(s): IDMS 4949 SQL 'NOT FOUND' HANDLER ERRONEOUSLY INVOKED. PROBLEM DESCRIPTION: When an SQL routine is called for which a 'NOT FOUND' handler has been defined, the handler routine may receive control when the execution of an SQL statement terminates with a condition other than that for which the handler has been defined. SYMPTOMS: The SQL procedure statement that is defined for this particular 'NOT FOUND' handler will be erroneously executed, when the SQL routine is called. IMPACT: Depending on the nature of this SQL procedure statement, the result of calling the SQL routine may be not correct. CIRCUMVENTION: There is no circumvention available. PRODUCT(S) AFFECTED: CA IDMS Release 18.5 CA IDMS Release 18.0 Star Problem(s): IDMS 4991 Copyright (C) 2015 CA. All rights reserved. R00763-AGJ180-SP1 DESC(COMPILING LARGE SQL ROUTINES MAY LEAD TO SOS CONDITIONS.). ++VER (Z038) FMID (CAGJI00) PRE (RO66353) SUP (RO31161 RO40815 TR31161 TR40815 TR77826)

Release	Service	Details
18.0	RO77870	RO77870 M.C.S. ENTRIES = ++PTF (RO77870) BAD ACCESS PLAN WHEN REPEATING SAME FUNCTION CALLS PROBLEM DESCRIPTION: An incorrect access plan will be generated for SQL queries which include nested subqueries, multiple sources, and the repeated use of identical arguments in user-defined or SYSCA-defined functions, e.g. ... WHERE MOD(column-a, 1) <> 0 AND MOD(column-a, 1) <> 0. SYMPTOMS: Incorrect results or error messages are returned. IMPACT: SQL queries which include nested subqueries, multiple sources, and the repeated use of the user-defined or SYSCA-defined functions using the same parameters cannot be run reliably. CIRCUMVENTION: Remove nested queries and/or repeated functions which use identical parameters wherever possible. PRODUCT(S) AFFECTED: CA IDMS Release 18.5 CA IDMS Release 18.0 Star Problem(s): IDMS 5007 Copyright (C) 2015 CA. All rights reserved. R00764-AGJ180-SP1 DESC(BAD ACCESS PLAN WHEN REPEATING SAME FUNCTION CALLS). ++VER (Z038) FMID (CAGJI00) PRE (RO58764) SUP (TR77870)

Release	Service	Details
18.0	RO77882	RO77882 M.C.S. ENTRIES = ++PTF (RO77882) INADEQUATE DEFINITION OF AN X013 UCF ABEND PROBLEM DESCRIPTION: The description of abend code X013 is incorrect within the message dictionary and the CA IDMS Messages and Codes Guide. The following is the correct description of the X013 abend code. REP MESSAGE NAME IS ABNDX013 MESSAGE SEVERITY IS 0 TEXT LINE IS 1 SEVERITY IS 0 MESSAGE IS 'X013' DEFINITION 'X013' - ' ' - 'EXEC CICS START failed.' - ' ' - 'An EXEC CICS START macro that was issued to start ' - 'a CICS transaction using PDAT has failed. ' - 'Possible causes of the failure are: ' - ' - The CICS task to be started was not defined ' - ' on the CICS side ' - ' - The program specified on the CICS task ' - ' definition is not available ' - ' ' COMMENTS 'Module(s) = UCFCICS' - ' ' SYMPTOMS: No external symptoms. IMPACT: Users may be unable to determine the reason they are encountering an X013 within their UCFCICS environment. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA IDMS Release 18.0 CA IDMS Release 18.5 Star Problem(s): IDMS 5015 Copyright (C) 2015 CA. All rights reserved. R00765-AGJ180-SP1 DESC(INADEQUATE DEFINITION OF AN X013 UCF ABEND). ++VER (Z038) FMID (CAGJI00) SUP (TR77882) ++HOLD (RO77882) SYSTEM FMID(CAGJI00) REASON (ACTION) DATE (15016) COMMENT (

```
+------------------------------------------------------------------+
|      CA IDMS Base Option                         Release 18.0     |
+----------+-------------------------------------------------------+
|SEQUENCE  | After Apply                                           |
+----------+-------------------------------------------------------+
|PURPOSE   | Update message definitions                            |
+----------+-------------------------------------------------------+
|USERS     | All IDMS Users                                        |
|AFFECTED  |                                                       |
+----------+-------------------------------------------------------+
|KNOWLEDGE | Update definitions in the Dictionary                  |
|REQUIRED  |                                                       |
+----------+-------------------------------------------------------+
|ACCESS    | Ability to run IDMSDDDL in batch or use IDD online    |
|REQUIRED  |                                                       |
+----------+-------------------------------------------------------+
```

Release	Service	Details
| | | ```
*************************
* STEPS    TO    PERFORM *
*************************
1. After installing this PTF, use the IDMSDDDL utility
to update any dictionaries which contains messages.
This is usually in your SYSMSG segment.
The source will be in the SMP/E distribution source
library if an ACCEPT has been executed for the PTF
and in the SMPMTS library if an APPLY has been
executed but no ACCEPT has been executed.
Please note using source member ABEND001 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 ABNDX013 as input to the
IDMSDDDL utility.
).
``` |

Release	Service	Details
18.0	RO77993	RO77993 M.C.S. ENTRIES = ++PTF (RO77993) D901 ABEND OR D016001 FREESTG ERROR TCP/IP LINE CLOSES PROBLEM DESCRIPTION: On a CV with high TCP/IP activity, the TCP/IP line closes unexpectedly and a SVCDUMP is taken. An immediate attempt to restart the TCP/IP line abends with a DC016001 invalid free storage request by the TCP/IP line driver and the TCP/IP line closes and another SVCDUMP is taken. SYMPTOMS: When the TCP/IP line closes, the following IDMS message is issued "IDMS DC088002 Line TCP Pterm <ptename> listener ended" where <ptename> is the name of an IDMS TCP/IP listener pterm capable of accepting TCP/IP client requests. After the DC088002 messages are issued, a SVCDUMP is taken. SVCDUMP research will find a D901 abend issued by the IDMS TCP/IP line driver causing the TCP/IP line driver task to abend and the TCP/IP line to close. An immediate attempt to restart the TCP/IP line may also abend with an D016001 invalid free storage abend for the TCP/IP line driver task. The TCP/IP line is closed and a SVCDUMP is taken. IMPACT: Current TCP/IP connections to the IDMS CV are lost and associated IDMS tasks either abend or hang after the TCP/IP line closes. New TCP/IP connection attempts to the IDMS CV also fail. The IDMS CV continues processing non TCP/IP tasks normally. CIRCUMVENTION: There is no circumvention. PRODUCT(S) AFFECTED: CA IDMS RELEASE 18.5 CA IDMS Base Option RELEASE 18.0 Star Problem(s): IDMS 5016 Copyright (C) 2015 CA. All rights reserved. R00766-AGJ180-SP1 DESC(D901 ABEND OR D016001 FREESTG ERROR TCP/IP LINE CLOSES). ++VER (Z038) FMID (CAGJI00) PRE (RO33652 RO44736) SUP (RO58418 TR58418 TR77993)

Release	Service	Details
18.0	RO78116	RO78116 M.C.S. ENTRIES = ++PTF (RO78116) MESSAGE DB005535 DESCRIPTION INCOMPLETE PROBLEM DESCRIPTION: The description for message: DB005535 No acceptable plan can be found for statement. does not include the case where SQL plan optimization will stop processing when an internal limit is exceeded. This limit is indirectly related to the number of tables being joined and the types of joins between those tables. Depending on the types of joins, when this limit is tested, the optimizer is about to examine every possible combination of join between the tables remaining, which could result in high CPU and storage consumption, so the optimization attempt is stopped. SYMPTOMS: When an SQL statement includes a query with a large number of tables and joins, processing of the table may stop and this message will be issued. IMPACT: The SQL statement in its present form is not processable. CIRCUMVENTION: Reduce the number of tables and joins in the query. PRODUCT(S) AFFECTED: CA IDMS RELEASE 18.5 CA IDMS RELEASE 18.0 CA IDMS RELEASE 19.0 Star Problem(s): IDMS 5017 Copyright (C) 2015 CA. All rights reserved. R00767-AGJ180-SP1 DESC(MESSAGE DB005535 DESCRIPTION INCOMPLETE). ++VER (Z038) FMID (CAGJI00) PRE (RO39073 RO48613 RO49928 RO61236) SUP (TR48544 TR78116) ++HOLD (RO78116) SYSTEM FMID(CAGJI00) REASON (ACTION) DATE (15033) COMMENT (+--+ | CA IDMS Base Option Release 18.0 | +----------+---+ |SEQUENCE | After Apply | +----------+---+ |PURPOSE | Update message dictionary with changed message | +----------+---+ |USERS | All users | |AFFECTED | | +----------+---+ |KNOWLEDGE | Dictionary | |REQUIRED | | +----------+---+ |ACCESS | DBA | |REQUIRED | | +----------+---+ **************************** * STEPS TO PERFORM * **************************** Use the IDMSDDDL utility to update your SYSTEM dictionary's message area with the input in source members DB001. The source will be in the SMP/E CAGJSRC library.).

Release	Service	Details
18.0	RO78215	RO78215 M.C.S. ENTRIES = ++PTF (RO78215) JOINING MULTIPLE TABLES WHILE USING GROUP BY CLAUSE PROBLEM DESCRIPTION: When issuing an SQL query that involves joining multiple tables and uses the group by clause, the SQL optimizer may choose an access plan that will result in a DB001049 error message or may return incorrect results. SYMPTOMS: Incorrect results or error message DB001049 "Outer source of mergejoin out of sequence" may be returned. IMPACT: SQL queries may return incorrect results or return DB001049 error message. CIRCUMVENTION: Remove the Group by clause from the query. PRODUCT(S) AFFECTED: CA IDMS Release 18.5 CA IDMS Release 18.0 Star Problem(s): IDMS 5020 Copyright (C) 2015 CA. All rights reserved. R00768-AGJ180-SP1 DESC(JOINING MULTIPLE TABLES WHILE USING GROUP BY CLAUSE). ++VER (Z038) FMID (CAGJI00) SUP (JC57521 TR78215) ++HOLD (RO78215) SYSTEM FMID(CAGJI00) REASON (SQLBIND) DATE (15040) COMMENT (+---+ | CA IDMS Base Option Release 18.0 | +----------+--+ |SEQUENCE | After Apply | +----------+--+ |PURPOSE | Recreate Access Module | +----------+--+ |USERS | | |AFFECTED | All SQL users | +----------+--+ |KNOWLEDGE | | |REQUIRED | Recreate SQL access modules | +----------+--+ |ACCESS | | |REQUIRED | Ability to create Access Modules in either OCF or BCF | +----------+--+ ************************* * STEPS TO PERFORM * ************************* After applying this PTF, all access modules will need to be recreated in order for the fix to take effect for the execution of the application associated with that access module.).

Release	Service	Details
18.0	RO78515	RO78515 M.C.S. ENTRIES = ++PTF (RO78515) OPT00223 NOT WORKING CORRECTLY PROBLEM DESCRIPTION: Using OPT00223 to cause variable fields to default to translate to upper case is not working correctly. SYMPTOMS: The option may appear as selected in the Map Read/Write Options but the field definition in the resulting load module might not have the option indicated. If the option is unselected, the MAP field in the load module may indicate this option was selected. IMPACT: Mixed case fields display in upper case, instead of mixed case. CIRCUMVENTION: Do not utilize OPT00223. Manually select the option on the MAPC Map Read/Write Options screen. PRODUCT(S) AFFECTED: CA IDMS RELEASE 18.5 RELEASE 18.0 Star Problem(s): IDMS 5028 Copyright (C) 2015 CA. All rights reserved. R00770-AGJ180-SP1 DESC(OPT00223 NOT WORKING CORRECTLY). ++VER (Z038) FMID (CAGJI00) SUP (RO30418 TR30418 TR78515)

Release	Service	Details
18.0	RO78719	RO78719 M.C.S. ENTRIES = ++PTF (RO78719) DC MESSAGE UPDATES PROBLEM DESCRIPTION: Certain critical DC messages in ADS/Online and ADS/Batch need to be written to the IDMS/DC Log in addition to the terminal. Minor fixes to other message details were made as required. SYMPTOMS: Dialog aborts and other critical failures may go undetected. IMPACT: Critical error messages will not be properly recorded. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA IDMS Release 18.0 CA IDMS Release 18.5 Star Problem(s): IDMS 5022 Copyright (C) 2015 CA. All rights reserved. R00773-AGJ180-SP1 DESC(DC MESSAGE UPDATES). ++VER (Z038) FMID (CAGJI00) PRE (RO45924 RO68872) SUP (TR78372 TR78719) ++HOLD (RO78719) SYSTEM FMID(CAGJI00) REASON (MSGSKEL) DATE (15050) COMMENT (|SEQUENCE | After Apply | +----------+---+ |PURPOSE | Update Messages | +----------+---+ |USERS | | |AFFECTED | All IDMS users | +----------+---+ |KNOWLEDGE | | |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) DC172003, DC172023, DC174018, DC174026, DC175036, DC176008, DC177026, DC177029, DC174032, DC175035, DC174003, DC178018, DC171063, DC171011 as input to the IDMSDDDL utility. The source will be in the SMP/E CAGJSRC library.).