

CA Datacom CICS Services 14.0
CA RS 1503 Service List

Release	Service	Description	Type
14.0	RO77200	ADDITIONAL CODE OPTIMIZATION	*HIP/PRP*
The CA RS 1503 service count for this release is			1

CA Datacom CICS Services
CA RS 1503 Service List for CAB1E00

FMID	Service	Description	Type
CAB1E00	RO77200	ADDITIONAL CODE OPTIMIZATION	*HIP/PRP*
The CA RS 1503 service count for this FMID is 1			

CA Datacom CICS Services 14.0
CA RS 1503 - PTF RO77200 Details

Release	Service	Details
14.0	RO77200	<p>RO77200 M.C.S. ENTRIES = ++PTF (RO77200)</p> <p>ADDITIONAL CODE OPTIMIZATION ENHANCEMENT DESCRIPTION: CA Datacom CICS Services has been enhanced to provide an additional optimization by rearranging some request processing logic. Additionally, the default for CICS user tracing in the DBCVTPR macro is now set to NO (CICSTRA=NO) and the default to SKPSYNC is set to YES (SKPSYNC=YES). The solution is also providing an optimization option for capturing the program name per task instead of per request. The keyword PGMNAME= can be coded in the DBCVTPR macro as PGMNAME=TASK or RQST. The default value for this new parameter is RQST which is functionally the way it runs now. With PGMNAME=TASK, the overhead of reporting the calling program on every request is reduced to only reporting the name of the program that started the CICS task. If request processing in the user's application links to other programs, these would not be reported. PGMNAME=TASK provides CPU savings proportional to the number of requests issued by the application. The value of PGMNAME can also be changed interactively on the DBOC GENOPTS screen.</p> <p>PRODUCT(S) AFFECTED: CA Datacom CICS Services Release 14.0 CA Datacom CICS Services Release 15.0</p> <p>Star Problem(s): DBC 797</p> <p>CICS ABENDS WITH S0C4 AND STORAGE VIOLATION PROBLEM DESCRIPTION: CICS abends with code S0C4 and storage violations with the following module messages and symptoms in a rare case. SYMPTOMS: +DFHSM0102 CICRxxxx A storage violation (code X'0F0C') has been detected by CICS +DFHDU0201 CICSxxxx ABOUT TO TAKE SDUMP. DUMPCODE: SM0102 +DFHSM0133 CICRxxxx CICS is under stress (short on storage above 16MB)</p> <p>IMPACT: The CICS Services interface becomes unusable.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom CICS Services Release 14.0 CA Datacom CICS Services Release 15.0</p> <p>Star Problem(s): DBC 799</p> <p>Copyright (C) 2015 CA. All rights reserved. R00052-DCC140-SP1</p> <p>DESC(ADDITIONAL CODE OPTIMIZATION). ++VER (Z038) FMID (CAB1E00) PRE (RO41380 RO43943 RO45362 RO45627 RO46383 RO46626 RO57616 RO64568 RO72406 RO75489) SUP (BC57690 RO41470 RO51648 RO59978 RO64674 RO67898 RO71231 RO74517 RO75617 RO76275 TR41470 TR51648 TR53674 TR57889 TR58744 TR59978 TR64674 TR66752 TR67365 TR67898 TR71135 TR71231 TR72869 TR72967 TR74517 TR75123 TR75617 TR75799 TR76275 TR77200) ++HOLD (RO77200) SYSTEM FMID(CAB1E00) REASON (DOC) DATE (15026) COMMENT (+-----+ CA Datacom CICS Services Release 14.0 +-----+ ***** * PUBLICATION * ***** The default value for the optimization option of SKPSYNC is changed</p>

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		<p>from NO to YES. This parameter can be changed by setting it in the DBCVTPR module.</p> <p>A new optimization parameter is introduced, PGMNAME. The value can be set to RQST or TASK. The default would be RQST. If the default value is chosen, then the CICS Service Facility will behave exactly the same way as it has always done, that is it will capture the program name which issued the request or DB command. However if the option TASK is chosen, then the program name that started the TASK will be captured for reporting. In cases where many requests are issued from within a task, the option TASK will save CPU consumption. However if the program which started the task calls another program to issue the DB commands, that program name would not get captured or reported. The report referred to in this document is what gets generated from DBOC INQ=TRACE transaction. The PGMNAME parameter is a DBCVTPR option which can be set with the assembly of the DBCVTPR module as well as be set on the interactive DBOC GENOPTS screen after the CICS Service facility has been started.</p> <p>).</p>