

CA Datacom Server 14.0
CA RS 1408 Service List

Release	Service	Description	Type
14.0	R071463	MF:(ENH) DB_THREADS CMD-DB QUEUE DEPTH REPORT	PTF
The CA RS 1408 service count for this release is 1			

CA Datacom Server
CA RS 1408 Service List for CAYTE00

FMID	Service	Description	Type
CAYTE00	RO71463	MF: (ENH) DB_THREADS CMD-DB QUEUE DEPTH REPORT	PTF
The CA RS 1408 service count for this FMID is 1			

CA Datacom Server 14.0
CA RS 1408 - PTF RO71463 Details

Release	Service	Details																				
14.0	RO71463	<p>RO71463 M.C.S. ENTRIES = ++PTF (RO71463)</p> <p>MF:(ENH) DB_THREADS CMD-DB QUEUE DEPTH REPORT ENHANCEMENT DESCRIPTION: A new CA Datacom Server Communications Utility (SVCOMPR) command and a new Server console command are provided with this enhancement. The DB_THREADS command will print or display a DB Queue Depth Report showing a measure of the CA Datacom MUF (DB) thread utilization for the threads/tasks allocated to a Server region by the DBUSERS startup option. Additionally, a DB Queue Depth report is written to the Server SYSSPRINT file during EOJ processing. To display a DB Queue Depth report via a console command, issue a console MODIFY command with the DB_THREADS command, as follows. /f server_name,DB_THREADS To request a DB Queue Depth Report using the SVCOMPR utility, issue the DB_THREADS command as an input option. For example: HOSTNAME=ip_addr or hostname PORT=port number APPLID=server_APPLID DB_THREADS The output from a DB_THREADS command is shown below. DB Threads NUM. Count Application Name</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">DB TASK</th> <th style="text-align: left;">NUM.</th> <th style="text-align: left;">Count</th> <th style="text-align: left;">Application Name</th> </tr> </thead> <tbody> <tr> <td>DB TASK</td> <td>0001</td> <td>00000091</td> <td>server_APPLID</td> </tr> <tr> <td>DB TASK</td> <td>0002</td> <td>00000005</td> <td>server_APPLID</td> </tr> <tr> <td>DB TASK</td> <td>0003</td> <td>00000000</td> <td>server_APPLID</td> </tr> <tr> <td>Held Task</td> <td></td> <td>00000000</td> <td></td> </tr> </tbody> </table> <p>The report shows the number of times each DB thread (DBUSER) was used to issue a request to MUF. DB TASK 1 always shows the cumulative total of requests issued to MUF for all tasks/threads. For the other DB TASK(s), Count shows the number of times the thread was used to service a MUF request. In the example, there were 91 requests to MUF, 5 of which were serviced by thread 2. Held Task Count indicates the number of times a MUF request was held because no threads were available. The DB Queue Depth Report can be used to tune the DBUSERS startup option. If DB Queue Depth Report shows that some threads are never used, then DBUSERS is too high, and MUF resources are misallocated to the Server region. If the DB Queue Depth Report shows the Held Task count is very high and each thread is used then the number of DBUSERS in the startup option is too low to handle all of the communications to MUF, which will affect performance. Note: The number of lines of output for this command is related to the number of DBUSERS specified in the Server startup options. If DBUSERS is very high, consider using the SVCOMPR utility rather than the console command to minimize the amount of console space used for the display. PRODUCT(S) AFFECTED: CA Datacom Server Release 14.0 CA Datacom Server Release 15.0 Star Problem(s): DBSRV 605 Copyright (C) 2014 CA. All rights reserved. R00132-DSR140-SP1</p> <p>DESC(MF:(ENH) DB_THREADS CMD-DB QUEUE DEPTH REPORT). ++VER (Z038) FMID (CAYTE00) PRE (R027944 R029586 R032057 R033862 R040459 R042696 R044503 R052942 R053293 R054082 R055939 R064298 R067386 R067694) SUP (R054856 R056798 R062980 R065727 R069110 R069384 R069408 R069707 R070320 TR54639 TR54658 TR54707 TR54856 TR56798 TR62980 TR65727 TR68558 TR68635 TR68951 TR69110 TR69181 TR69195 TR69348 TR69380 TR69382 TR69384 TR69408 TR69409 TR69707 TR70160 TR70320 TR71091 TR71463) ++HOLD (RO71463) SYSTEM FMID(CAYTE00) REASON (DOC) DATE (14184)</p>	DB TASK	NUM.	Count	Application Name	DB TASK	0001	00000091	server_APPLID	DB TASK	0002	00000005	server_APPLID	DB TASK	0003	00000000	server_APPLID	Held Task		00000000	
DB TASK	NUM.	Count	Application Name																			
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		<pre>COMMENT (+-----+ CA Datacom Server Release 14.0 +-----+ ***** * PUBLICATION * ***** Please see PDC RI71374 for changes to the documentation regarding the new DB_THREADS console and SVCOMPR commands.).</pre>