



**Updates to IBM OMEGAMON for DB2 on
z/OS Performance Expert and Performance
Monitor V5.3.0
Report Reference**

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Chapter 1. Documentation updated in this techdoc

This document updates the *Report Reference* manual for IBM OMEGAMON for DB2 on z/OS Performance Expert and Performance Monitor, V5.3.0. Note: This enhancement applies only to DB2 11 and later.

The following sections update Chapter 5, "Accounting Default Layouts," in the *Report Reference* manual, under Highlights - Report.

The software update consists of a new field, #ROLLUP TRAN. The field is described briefly, and an example accounting report shows how it looks in practice.

Publication Number: SH12-7047-01

Copyright date: 2017

Original publication date: 2015

Chapter 2. Highlights - Accounting Report

This topic introduces the new #ROLLUP TRAN field.

Accounting - Highlights - Report

The field labels in the “Accounting - Highlights - Report” are presented as follows:

```
HIGHLIGHTS
-----
#OCCURRENCES      :      13
#ALLIEDS          :      13
#ALLIEDS DISTRIB:      0
#DBATS           :      0
#DBATS DISTRIB.  :      0
#NO PROGRAM DATA:      13
#NORMAL TERMINAT:      13
#DDFRSAF ROLLUP:      0
#ROLLUP TRAN     :      13
#ABNORMAL TERMIN:      0
#CP/X PARALLEL. :      0
#UTIL PARALLEL. :      0
#IO PARALLELISM  :      0
#PCA RUP COUNT   :      0
#RUP AUTONOM. PR:      0
#AUTONOMOUS PR   :      0
#INCREMENT. BIND:      0
#COMMITTS        :     215
#ROLLBACKS       :      0
#SVPT REQUESTS   :      0
#SVPT RELEASE    :      0
#SVPT ROLLBACK   :      0
MAX SQL CASC LVL:      0
UPDATE/COMMIT    :      0.00
SYNCH I/O AVG.   : 0.002932
MAX WFILE BLKS  :      0
```

The newest field is #ROLLUP TRAN:

#ROLLUP TRAN

The number of rollup records.

It is calculated as:

SUM(QWACPCNT)

where

QWACRINV IN ('END USER ', 'BLOCK STOR', 'STALENESS ')

Example: If

- ACCUMACC=10
- all records have QWACRINV='END USER'

and

- there are 20 accounting records

then

#ROLLUP TRAN will be 200 (10 * 20)

If one of the records has

QWACRINV='BLOCK STOR',
and
QWACPCNT=7,
then
#ROLLUP TRAN will be 197 (10*19 + 1*7)
Field Name: ASROLL

Chapter 3. The new #ROLLUP TRAN field in the Accounting Report

This topic shows the #ROLLUP TRAN field as it appears in the Accounting Report.

Use the following command to produce a long version of the Accounting report:

```
...
ACCOUNTING
REPORT
LAYOUT (LONG)
ORDER (PRIMAUTH-PLANNAME)
SCOPE (MEMBER)
...
```

Accounting (Long Report)

```
LOCATION: OMPDA5                OMEGAMON XE FOR DB2 PERFORMANCE EXPERT (V5R4M0)                PAGE: 1-1
GROUP: N/P                    ACCOUNTING REPORT - LONG                REQUESTED FROM: NOT SPECIFIED
MEMBER: N/P                    ORDER: PRIMAUTH-PLANNAME                TO: NOT SPECIFIED
SUBSYSTEM: DA5                SCOPE: MEMBER                INTERVAL FROM: 08/24/16 08:18:18.92
DB2 VERSION: V10                TO: 08/24/16 09:41:00.00
```

PRIMAUTH: DB2PM PLANNAME: 'BLANK'

AVERAGE	APPL (CL.1)	DB2 (CL.2)	CLASS 3 SUSPENSIONS	AVERAGE TIME	AV.EVENT	TIME/EVENT	HIGHLIGHTS
ELAPSED TIME	8:13.69592	N/P	LOCK/LATCH(DB2+IRLM)	N/P	N/P	N/P	#OCCURRENCES : 1
NONNESTED	8:13.69592	N/P	IRLM LOCK+LATCH	N/P	N/P	N/P	#ALLIEDS : 1
STORED PROC	N/P	N/P	DB2 LATCH	N/P	N/P	N/P	#ALLIEDS DISTRIB: 0
UDF	0.000000	N/P	SYNCHRON. I/O	N/P	N/P	N/P	#DBATS : 0
TRIGGER	0.000000	0.000000	DATABASE I/O	N/P	N/P	N/P	#DBATS DISTRIB. : 0
			LOG WRITE I/O	N/P	N/P	N/P	#NO PROGRAM DATA: 0
CP CPU TIME	0.002014	N/P	OTHER READ I/O	N/P	N/P	N/P	#NORMAL TERMINAT: 0
AGENT	0.002014	N/P	OTHER WRTE I/O	N/P	N/P	N/P	#DDFRSAF ROLLUP: 1
NONNESTED	0.002014	N/P	SER.TASK SWTCH	N/P	N/P	N/P	#ROLLUP TRAN : 0
STORED PRC	0.000000	N/P	UPDATE COMMIT	N/P	N/P	N/P	#ABNORMAL TERMIN: 0
UDF	0.000000	N/P	OPEN/CLOSE	N/P	N/P	N/P	#CP/X PARALLEL. : 0
TRIGGER	0.000000	0.000000	SYSLGRNG REC	N/P	N/P	N/P	#UTIL PARALLEL. : 0
PAR.TASKS	0.000000	N/P	EXT/DEL/DEF	N/P	N/P	N/P	#IO PARALLELISM : 0
			OTHER SERVICE	N/P	N/P	N/P	#PCA RUP COUNT : N/A
SE CPU TIME	0.000000	N/P	ARC.LOG(QUIES)	N/P	N/P	N/P	#RUP AUTONOM. PR: N/A
NONNESTED	0.000000	N/P	LOG READ	N/P	N/P	N/P	#AUTONOMOUS PR : N/A
STORED PROC	0.000000	N/P	DRAIN LOCK	N/P	N/P	N/P	#INCREMENT. BIND: 0
UDF	0.000000	N/P	CLAIM RELEASE	N/P	N/P	N/P	#COMMITTS : 0
TRIGGER	0.000000	0.000000	PAGE LATCH	N/P	N/P	N/P	#ROLLBACKS : 0
			NOTIFY MSGS	N/P	N/P	N/P	#SVPT REQUESTS : 0
PAR.TASKS	0.000000	N/P	GLOBAL CONTENTION	N/P	N/P	N/P	#SVPT RELEASE : 0
			COMMIT PH1 WRITE I/O	N/P	N/P	N/P	#SVPT ROLLBACK : 0
SUSPEND TIME	N/P	N/P	ASYNCH CF REQUESTS	N/P	N/P	N/P	MAX SQL CASC LVL: 0
AGENT	N/A	N/P	TCP/IP LOB XML	N/P	N/P	N/P	UPDATE/COMMIT : N/C
PAR.TASKS	N/A	N/P	ACCELERATOR	N/P	N/P	N/P	SYNCH I/O AVG. : N/P
STORED PROC	N/P	N/A	AUTONOMOUS PROCEDURE	N/A	N/A	N/A	MAX WFILE BLKS : N/A
UDF	N/P	N/A	PQ SYNCHRONIZATION	N/A	N/A	N/A	
			LOB COMPRESSION	N/A	N/A	N/A	
NOT ACCOUNT.	N/A	N/P	FAST INSERT PIPE	N/A	N/A	N/A	
DB2 ENT/EXIT	N/A	N/P	TOTAL CLASS 3	N/P	N/P	N/P	
EN/EX-STPROC	N/A	N/P					
EN/EX-UDF	N/A	N/P					
DCAPT.DESCR.	N/A	N/A					
LOG EXTRACT.	N/A	N/A					

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