



SQL METRICS

SQL Text

```
SELECT
a.job_name,
(
CASE a.state
WHEN 'SCHEDULED' THEN
:b11
WHEN 'DISABLED' THEN
:b10
WHEN 'RUNNING' THEN
:b9
ELSE
:b8
END
)
FROM
dba_scheduler_jobs a,
ilm_results$ b,
user$ c,
ilm_execution$ d
WHERE
a.job_name = b.jobname
AND ( b.execution_id = :b7
OR :b7 = :b6 )
AND b.execution_id = d.execution_id
AND ( b.jobtype = :b5
OR :b5 = :b3 )
AND ( b.jobtype1 = :b4
OR :b4 = :b3 )
AND c.user# = d.owner
AND ( :b1 = :b2
OR d.flag = :b1 )
```

Plan Hash Value: >1469156061

 SELECT STATEMENT ALL_ROWS

Cost: 516

 NESTED LOOPS

Rows: 1 Bytes: 223 Cost: 516 CPU Cost: 934.463M IO Cost: 491 Time: 00:00:01

 NESTED LOOPS

Rows: 1 Bytes: 219 Cost: 516 CPU Cost: 934.462M IO Cost: 491 Time: 00:00:01

 NESTED LOOPS

Rows: 1 Bytes: 180 Cost: 516 CPU Cost: 934.46M IO Cost: 491 Time: 00:00:01

 VIEW DBA_SCHEDULER_JOBS

Rows: 25 Bytes: 1.831K Cost: 516 CPU Cost: 934.434M IO Cost: 491 Time: 00:00:01

 UNION-ALL

 HASH JOIN OUTER

Rows: 23 Bytes: 2.089K Cost: 61 CPU Cost: 33.02M IO Cost: 60 Time: 00:00:01

 HASH JOIN

Rows: 23 Bytes: 1.977K Cost: 44 CPU Cost: 22.897M IO Cost: 43 Time: 00:00:01

 NESTED LOOPS

Rows: 23 Bytes: 1.55K Cost: 40 CPU Cost: 22.218M IO Cost: 39 Time: 00:00:01

 NESTED LOOPS

Rows: 30 Bytes: 1.729K Cost: 39 CPU Cost: 318.056K IO Cost: 39 Time: 00:00:01

 TABLE ACCESS FULL SCHEDULERS_JOB

Rows: 18 Bytes: 558 Cost: 3 CPU Cost: 42.784K IO Cost: 3 Time: 00:00:01

 TABLE ACCESS BY INDEX ROWID BATCHED OBJS

Rows: 2 Bytes: 56 Cost: 2 CPU Cost: 15.293K IO Cost: 2 Time: 00:00:01

 INDEX RANGE SCAN I_OBJ1 (OBJ# ,OWNER#, TYPE#)

Rows: 1 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 VIEW

Rows: 1 Bytes: 10 Cost: 0 CPU Cost: 730K IO Cost: 0

 MERGE JOIN CARTESIAN

Rows: 23 Bytes: 1.168K Cost: 0 CPU Cost: 730K IO Cost: 0

 FIXED TABLE FULL XSKCDD1

Rows: 1 Bytes: 52 Cost: 0 CPU Cost: 380K IO Cost: 0

 BUFFER SORT

Rows: 23 Cost: 0 CPU Cost: 350K IO Cost: 0

 FIXED TABLE FULL XSKCCD2

Rows: 23 Cost: 0 CPU Cost: 350K IO Cost: 0

 TABLE ACCESS FULL USERS

Rows: 128 Bytes: 2.375K Cost: 4 CPU Cost: 63.16K IO Cost: 4 Time: 00:00:01

 INDEX FAST FULL SCAN I_OBJ1 (OBJ#, OWNER#, TYPE#)

Rows: 91.277K Bytes: 445.688K Cost: 17 CPU Cost: 391.679K IO Cost: 17 Time: 00:00:01

 NESTED LOOPS

Rows: 1 Bytes: 227 Cost: 3 CPU Cost: 36.552M IO Cost: 2 Time: 00:00:01

 NESTED LOOPS OUTER

 **TABLE ACCESS FULL USERS**
 Rows: 128 Bytes: 2.375K Cost: 4 CPU Cost: 63.16K IO Cost: 4 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 690 Bytes: 46.494K Cost: 40 CPU Cost: 22.218M IO Cost: 39 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 30 Bytes: 1.729K Cost: 39 CPU Cost: 318.056K IO Cost: 39 Time: 00:00:01

 **TABLE ACCESS FULL SCHEDULERS_JOB**
 Rows: 18 Bytes: 558 Cost: 3 CPU Cost: 42.784K IO Cost: 3 Time: 00:00:01

 **TABLE ACCESS BY INDEX ROWID BATCHED OBJS**
 Rows: 2 Bytes: 56 Cost: 2 CPU Cost: 15.293K IO Cost: 2 Time: 00:00:01

 **INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)**
 Rows: 1 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 **VIEW**
 Rows: 23 Bytes: 230 Cost: 0 CPU Cost: 730K IO Cost: 0

 **MERGE JOIN CARTESIAN**
 Rows: 23 Bytes: 1.168K Cost: 0 CPU Cost: 730K IO Cost: 0

 **FIXED TABLE FULL XSKCCDI**
 Rows: 1 Bytes: 52 Cost: 0 CPU Cost: 380K IO Cost: 0

 **BUFFER SORT**
 Rows: 23 Cost: 0 CPU Cost: 350K IO Cost: 0

 **FIXED TABLE FULL XSKCCDI2**
 Rows: 23 Cost: 0 CPU Cost: 350K IO Cost: 0

 **INDEX FAST FULL SCAN L_OBJ1 (OBJ#, OWNER#, TYPE#)**
 Rows: 91.277K Bytes: 445.688K Cost: 17 CPU Cost: 391.679K IO Cost: 17 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 227 Cost: 3 CPU Cost: 36.552M IO Cost: 2 Time: 00:00:01

 **NESTED LOOPS OUTER**
 Rows: 1 Bytes: 218 Cost: 2 CPU Cost: 36.544M IO Cost: 1 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 213 Cost: 1 CPU Cost: 36.536M IO Cost: 0 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 209 Cost: 1 CPU Cost: 36.535M IO Cost: 0 Time: 00:00:01

 **MERGE JOIN OUTER**
 Rows: 1 Bytes: 117 Cost: 1 CPU Cost: 36.533M IO Cost: 0 Time: 00:00:01

 **TABLE ACCESS BY INDEX ROWID SCHEDULERS_LIGHTWEIGHT_JOB**
 Rows: 1 Bytes: 78 Cost: 0 CPU Cost: 200 IO Cost: 0

 **INDEX FULL SCAN SCHEDULERS_LWJOB_PK (OBJ#)**
 Rows: 1 Cost: 0 CPU Cost: 200 IO Cost: 0

 **SORT JOIN**
 Rows: 1 Bytes: 39 Cost: 1 CPU Cost: 36.533M IO Cost: 0 Time: 00:00:01

 **FIXED TABLE FULL XSJKMIMRT**
 Rows: 1 Bytes: 39 Cost: 0 CPU Cost: 440K IO Cost: 0

 **TABLE ACCESS BY INDEX ROWID SCHEDULERS_LWJOB_OBJ**
 Rows: 1 Bytes: 92 Cost: 0 CPU Cost: 1.24K IO Cost: 0

 **INDEX UNIQUE SCAN SCHEDULERS_LOBJ_PK (OBJ#)**
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **TABLE ACCESS CLUSTER USERS**
 Rows: 1 Bytes: 4 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **INDEX UNIQUE SCAN I_USER# (USER#)**
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)**
 Rows: 1 Bytes: 5 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 **INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)**
 Rows: 1 Bytes: 9 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 **NESTED LOOPS OUTER**
 Rows: 1 Bytes: 122 Cost: 3 CPU Cost: 382.214K IO Cost: 3 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 117 Cost: 2 CPU Cost: 374.043K IO Cost: 2 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 112 Cost: 1 CPU Cost: 365.871K IO Cost: 1 Time: 00:00:01

 **NESTED LOOPS**
 Rows: 1 Bytes: 108 Cost: 0 CPU Cost: 358.55K IO Cost: 0

 **FIXED TABLE FULL XSJKMIMRT**
 Rows: 1 Bytes: 69 Cost: 0 CPU Cost: 355K IO Cost: 0

 **FIXED TABLE FIXED INDEX XSJKMIMMD (ind:1)**
 Rows: 1 Bytes: 39 Cost: 0 CPU Cost: 3.55K IO Cost: 0

 **INDEX RANGE SCAN I_USER2 (USER# ,TYPE#, SPARE1, SPARE2)**
 Rows: 1 Bytes: 4 Cost: 1 CPU Cost: 7.321K IO Cost: 1 Time: 00:00:01

 **INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)**
 Rows: 1 Bytes: 5 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 **INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)**
 Rows: 1 Bytes: 5 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

 **TABLE ACCESS BY INDEX ROWID ILM_RESULTSS**
 Rows: 1 Bytes: 105 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **INDEX UNIQUE SCAN PK_RES (JOBNAME)**
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **TABLE ACCESS BY INDEX ROWID ILM_EXECUTIONS**
 Rows: 1 Bytes: 39 Cost: 0 CPU Cost: 1.42K IO Cost: 0

 **INDEX UNIQUE SCAN PK_TASKID (EXECUTION_ID)**
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **TABLE ACCESS CLUSTER USERS**
 Rows: 1 Bytes: 4 Cost: 0 CPU Cost: 1.05K IO Cost: 0

 **INDEX UNIQUE SCAN I_USER# (USER#)**
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

History information			
First Snap ID	First Snap Time	Last Active Time	Cost
1	14-JAN-2020 08:23	14-JAN-2020 08:13	516

Plan Hash Value: >2721229605

SELECT STATEMENT ALL_ROWS

Cost: 58.701K

NESTED LOOPS

Rows: 1 Bytes: 223 Cost: 58.701K CPU Cost: 112.843G IO Cost: 55.574K Time: 00:00:03

NESTED LOOPS

Rows: 1 Bytes: 219 Cost: 58.701K CPU Cost: 112.843G IO Cost: 55.574K Time: 00:00:03

NESTED LOOPS

Rows: 1 Bytes: 180 Cost: 58.701K CPU Cost: 112.843G IO Cost: 55.574K Time: 00:00:03

VIEW DBA_SCHEDULER_JOBS

Rows: 3.003K Bytes: 219.946K Cost: 58.701K CPU Cost: 112.84G IO Cost: 55.574K Time: 00:00:03

UNION-ALL

NESTED LOOPS

Rows: 3.001K Bytes: 272.552K Cost: 61 CPU Cost: 25.827M IO Cost: 60 Time: 00:00:01

HASH JOIN OUTER

Rows: 30 Bytes: 2.432K Cost: 60 CPU Cost: 3.927M IO Cost: 60 Time: 00:00:01

HASH JOIN

Rows: 30 Bytes: 2.285K Cost: 43 CPU Cost: 989.416K IO Cost: 43 Time: 00:00:01

NESTED LOOPS

Rows: 30 Bytes: 1.729K Cost: 39 CPU Cost: 318.056K IO Cost: 39 Time: 00:00:01

NESTED LOOPS

Rows: 30 Bytes: 1.729K Cost: 39 CPU Cost: 318.056K IO Cost: 39 Time: 00:00:01

TABLE ACCESS FULL SCHEDULERS_JOB

Rows: 18 Bytes: 558 Cost: 3 CPU Cost: 42.784K IO Cost: 3 Time: 00:00:01

INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)

Rows: 1 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01

TABLE ACCESS BY INDEX ROWID OBJS

Rows: 2 Bytes: 56 Cost: 2 CPU Cost: 15.293K IO Cost: 2 Time: 00:00:01

TABLE ACCESS FULL USERS

Rows: 63 Bytes: 1.169K Cost: 4 CPU Cost: 60.56K IO Cost: 4 Time: 00:00:01

INDEX FAST FULL SCAN L_OBJ1 (OBJ#, OWNER#, TYPE#)

Rows: 19.416K Bytes: 94.805K Cost: 17 CPU Cost: 391.679K IO Cost: 17 Time: 00:00:01

VIEW

Rows: 100 Bytes: 1000 Cost: 0 CPU Cost: 730K IO Cost: 0

MERGE JOIN CARTESIAN

Rows: 100 Bytes: 5.078K Cost: 0 CPU Cost: 730K IO Cost: 0

FIXED TABLE FULL XSKCCDI

Rows: 1 Bytes: 52 Cost: 0 CPU Cost: 380K IO Cost: 0

BUFFER SORT

Rows: 100 Cost: 0 CPU Cost: 350K IO Cost: 0

FIXED TABLE FULL XSKCCD2

Rows: 100 Cost: 0 CPU Cost: 350K IO Cost: 0

NESTED LOOPS

Rows: 1 Bytes: 227 Cost: 3 CPU Cost: 36.552M IO Cost: 2 Time: 00:00:01

NESTED LOOPS OUTER

Rows: 1 Bytes: 218 Cost: 2 CPU Cost: 36.544M IO Cost: 1 Time: 00:00:01

NESTED LOOPS

Rows: 1 Bytes: 213 Cost: 1 CPU Cost: 36.536M IO Cost: 0 Time: 00:00:01

NESTED LOOPS

Rows: 1 Bytes: 209 Cost: 1 CPU Cost: 36.535M IO Cost: 0 Time: 00:00:01

MERGE JOIN OUTER

Rows: 1 Bytes: 117 Cost: 1 CPU Cost: 36.533M IO Cost: 0 Time: 00:00:01

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Rows: 1 Bytes: 78 Cost: 0 CPU Cost: 200 IO Cost: 0

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SORT JOIN

Rows: 1 Bytes: 39 Cost: 1 CPU Cost: 36.533M IO Cost: 0 Time: 00:00:01

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Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

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INDEX RANGE SCAN L_OBJ1 (OBJ# ,OWNER#, TYPE#)

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NESTED LOOPS

Rows: 1 Bytes: 117 Cost: 2 CPU Cost: 374.043K IO Cost: 2 Time: 00:00:01

NESTED LOOPS

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 Rows: 1 Bytes: 69 Cost: 0 CPU Cost: 355K IO Cost: 0
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INDEX RANGE SCAN I_OBJ1 (OBJ# ,OWNER#, TYPE#)
 Rows: 1 Bytes: 5 Cost: 1 CPU Cost: 8.171K IO Cost: 1 Time: 00:00:01
TABLE ACCESS BY INDEX ROWID ILM_RESULTSS
 Rows: 1 Bytes: 105 Cost: 0 CPU Cost: 1.05K IO Cost: 0
INDEX UNIQUE SCAN PK_RES (JOBNAME)
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0
TABLE ACCESS BY INDEX ROWID ILM_EXECUTIONS
 Rows: 1 Bytes: 39 Cost: 0 CPU Cost: 1.42K IO Cost: 0
INDEX UNIQUE SCAN PK_TASKID (EXECUTION_ID)
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0
TABLE ACCESS CLUSTER USERS
 Rows: 1 Bytes: 4 Cost: 0 CPU Cost: 1.05K IO Cost: 0
INDEX UNIQUE SCAN I_USER# (USER#)
 Rows: 1 Cost: 0 CPU Cost: 1.05K IO Cost: 0

History information			
First Snap ID	First Snap Time	Last Active Time	Cost
1	14-JAN-2020 08:23	14-JAN-2020 11:49	58701

Summary		
Stat name	Statement Total	Per Execution
Elapsed Time	3.58	0.017379
CPU Time	3.532	0.017146
Num of Executions	206	
Num of Rows	0	0
Disk Reads	0	0
Buffer Gets	77456	376
Direct Writes	0	0
Parse Calls	206	1
User IO Wait Time	0.018	0.000088
Cluster Wait Time	0	0
Application Wait Time	0.0	0
Concurrency Wait Time	0.0	0
Invalidations	0	0
Version Count	4	0
Sharable Memory	2005.531	9.735588