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What are the queries that are running?

```
select sesion.sid,
       sesion.username,
       optimizer_mode,
       hash_value,
       address,
       cpu_time,
       elapsed_time,
       sql_text
from v$sqlarea sqlarea, v$session sesion
where sesion.sql_hash_value = sqlarea.hash_value
   and sesion.sql_address = sqlarea.address
   and sesion.username is not null
/
```

```
SQL> select sesion.sid,
2      sesion.username,
3      optimizer_mode,
4      hash_value,
5      address,
6      cpu_time,
7      elapsed_time,
8      sql_text
9  from v$sqlarea sqlarea, v$session sesion
10 where sesion.sql_hash_value = sqlarea.hash_value
11      and sesion.sql_address = sqlarea.address
12      and sesion.username is not null
13 /
```

SID	USERNAME	OPTIMIZER	HASH_VALUE	ADDRESS	CPU_TIME	ELAPSED TIME	SQL_TEXT
1055	SYSTEM	ALL_ROWS	3303946027	00000000DE65F240	3576000	4182127	select sesion.sid, sesion.username, optimizer_mode, hash_value, address, cpu_time, elapsed_time, sql_text from v\$sqlarea sqlarea, v\$session sesion where sesion.sql_hash_value = sqlarea.hash_value and sesion.sql_address = sqlarea.address and sesion.username is not null
1057	APPS	ALL_ROWS	928932595	00000000DE45B080	270499633	4142476942	UPDATE /*+ ROWID (AI) */ AP INVOICES ALL AI SET (PARTY_ID, PARTY_SITE_ID) = (SELECT ASU.PARTY_ID, ASI.PARTY_SITE_ID FROM AP_SUPPLIERS ASU, AP_SUPPLIER_SITES ALL ASI WHERE ASU.VENDOR_ID = AI.VENDOR_ID AND ASU.VENDOR_ID = ASI.VENDOR_ID AND ASI.VENDOR_SITE_ID = AI.VENDOR_SITE_ID), LEGAL_ENTITY_ID = (SELECT OI.ORG_INFORMATION2 FROM HR_ORGANIZATION_INFORMATION OI WHERE AI.ORG_ID = OI.ORGANIZATION_ID AND OI.ORG_INFORMATION_CONTEXT = 'Operating Unit Information'), TRX_BUSINESS_CATEGORY = (CASE AI.GLOBAL_ATTRIBUTE_CATEGORY WHEN 'JE.ES.APXINWKB.MODELO347' THEN DECODE(AI.INVOICE_TYPE_LOOKUP_CODE, 'EXPENSE REPORT', 'EXPENSE REPORT/', 'PREPAYMENT', 'PURCHASE_PREPAYMENTTRANSACTION/', 'PURCHASE TRANSACTION/') 'INVOICE TYPE/' 'MOD347' WHEN 'JE.ES.APXINWKB.MODELO347PR' THEN DECODE(AI.INVOICE_TYPE_LOOKUP_CODE, 'EXPENSE REPORT', 'EXPENSE REPORT/', 'PREPAYMENT', 'PURCHASE_PREPAYMENTTRANSACTION/', 'PURCHASE TRANSACTION/') 'INVOICE TYPE/' 'MOD347PR' WHEN 'JE.ES.APXINWKB.MODELO349' THEN DECODE(AI.INVOIC

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<http://www.appsdba.info>Get the sql_hash_value

```
select sql_hash_value from v$sqlsession where sid='&sid';
```

```
SQL> select sql_hash_value from v$sqlsession where sid='&sid';
```

```
Enter value for sid: 1075
```

```
old 1: select sql_hash_value from v$sqlsession where sid='&sid'
```

```
new 1: select sql_hash_value from v$sqlsession where sid='1075'
```

SQL_HASH_VALUE

928832585

Get the sql_Text

```
SQL> select sql_text v$sql from v$sql where hash_value = &Enter_Hash_Value;
```

```
Enter value for enter_hash_value: 928832585
```

```
SQL> select sql_text v$sql from v$sql where hash_value = &Enter_Hash_Value;
Enter value for enter hash value: 928832585
old 1: select sql_text v$sql from v$sql where hash_value = &Enter_Hash_Value
new 1: select sql_text v$sql from v$sql where hash_value = 928832585

V$$SQL
-----
UPDATE /*+ ROWID (AI) */ AP_INVOICES_ALL AI SET (PARTY_ID, PARTY_SITE_ID) = (SELECT ASU.PARTY_ID, ASI.PARTY_SITE_ID FROM AP_SUPPLIERS ASU, AP_SUPPLIER
_SITES ALL ASI WHERE ASU.VENDOR_ID = AI.VENDOR_ID AND ASU.VENDOR_ID = ASI.VENDOR_ID AND ASI.VENDOR_SITE_ID = AI.VENDOR_SITE_ID), LEGAL_ENTITY_ID = (SE
LECT OI.ORG_INFORMATION2 FROM HR_ORGANIZATION_INFORMATION OI WHERE AI.ORG_ID = OI.ORGANIZATION_ID AND OI.ORG_INFORMATION_CONTEXT = 'Operating Unit Inf
ormation'), TRX_BUSINESS_CATEGORY = (CASE AI.GLOBAL_ATTRIBUTE_CATEGORY WHEN 'JE.ES.APXINWKB.MODELO347' THEN DECODE(AI.INVOICE_TYPE_LOOKUP_CODE, 'EXPEN
SE REPORT', 'EXPENSE REPORT/', 'PREPAYMENT', 'PURCHASE_PREPAYMENTTRANSACTION/', 'PURCHASE TRANSACTION/') || 'INVOICE TYPE/' || 'MOD347' WHEN 'JE.ES.APXINW
KB.MODELO347PR' THEN DECODE(AI.INVOICE_TYPE_LOOKUP_CODE, 'EXPENSE REPORT', 'EXPENSE REPORT/', 'PREPAYMENT', 'PURCHASE_PREPAYMENTTRANSACTION/', 'PURCHASE
_TRANSACTION/') || 'INVOICE TYPE/' || 'MOD347PR' WHEN 'JE.ES.APXINWKB.MODELO349' THEN DECODE(AI.INVOIC
```

Get the explain_plan

```
set lines 190
```

```
col XMS_PLAN_STEP format a40
```

```
set pages 100
```

```
select
```

```
  case when access_predicates is not null then 'A' else ' ' end ||
  case when filter_predicates is not null then 'F' else ' ' end xms_pred,
  id      xms_id,
  lpad(' ', depth*1, ' ') || operation || ' ' || options xms_plan_step,
  object_name      xms_object_name,
  cost             xms_opt_cost,
  cardinality      xms_opt_card,
  bytes           xms_opt_bytes,
  optimizer        xms_optimizer
```

```
from
```

```
  v$sql_plan
```

```
where
```

```
  hash_value in (&SQL_HASH_VALUE)
```

```
  and to_char(child_number) like '%';
```

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XM	XMS_ID	XMS_PLAN_STEP	XMS_OBJECT_NAME	XMS_OPT_COST	XMS_OPT_CARD	XMS_OPT_BYTES	XMS_OPTIMIZER
	0	UPDATE STATEMENT		159592			ALL_ROWS
	1	UPDATE	AP_INVOICES_ALL				
F	2	FILTER					
A	3	TABLE ACCESS BY ROWID RANGE	AP_INVOICES_ALL	159592	33604	7863336	
	4	NESTED LOOPS		0	1	65	
F	5	TABLE ACCESS BY INDEX ROWID	AP_SUPPLIER_SITES_ALL	0	1	39	
A	6	INDEX RANGE SCAN	AP_SUPPLIER_SITES_U2	0	1		
	7	TABLE ACCESS BY INDEX ROWID	AP_SUPPLIERS	0	1	26	
A	8	INDEX UNIQUE SCAN	AP_SUPPLIERS_U1	0	1		
	9	TABLE ACCESS BY INDEX ROWID	HR_ORGANIZATION_INFORMATION	2	1	18	
A	10	INDEX RANGE SCAN	HR_ORGANIZATION_INFORMATIO_FK2	1	1		
	11	TABLE ACCESS BY INDEX ROWID	JG_ZZ_VEND_SITE_INFO	0	1	340	
A	12	INDEX RANGE SCAN	JG_ZZ_VEND_SITE_INFO_U1	0	1		
	13	TABLE ACCESS BY INDEX ROWID	JG_ZZ_INVOICE_INFO	0	1	571	
A	14	INDEX UNIQUE SCAN	JG_ZZ_INVOICE_INFO_U1	0	1		
F	15	TABLE ACCESS BY INDEX ROWID	JG_ZZ_PAY_SCHED_INFO	0	1	122	
A	16	INDEX UNIQUE SCAN	JG_ZZ_PAY_SCHED_INFO_U1	0	1		

Based the cost u can decide what to be done.

One of the solutions is to analyse the statistics

```
exec fnd_stats.gather_schema_statistics('ALL');
```

- Time Remaining to complete the current task

```
set lines 150
col username format a20
col opname format a30
col target format a40
select sid,opname,target,
to_char(start_time,'DD-MON-YY HH24:MI') START_TIME,
time_remaining/60 "Time Remaining in Mins",username
from v$session_longops where time_remaining>1 order by time_remaining
/
```

SID	OPNAME	TARGET	START_TIME	Time Remaining in Mins	USERNAME
3909	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:07	.483333333	APPS
3938	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:07	.483333333	APPS
3933	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:07	.483333333	APPS
3907	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3949	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3958	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3926	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3904	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3920	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS
3915	Table Scan	AP.AP_INVOICE_LINES_ALL	07-APR-12 00:06	.5	APPS

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-- what sessions are active this SQL will help

```
select sid,
       to_char(logon_time,'MMDDYYYY:HH24:MI') logon_time,
       username,
       type,
       status,
       process,
       sql_address,
       sql_hash_value
from v$session
where username is not null
/
```

SID	LOGON_TIME	USERNAME	TYPE	STATUS	PROCESS	SQL_ADDRESS	SQL_HASH_VALUE
1052	07152012:23:07	APPS	USER	ACTIVE	30419	00000000D145FE08	1258857486
1055	07152012:22:29	SYSTEM	USER	ACTIVE	30331	00000000D1A8D2E8	1608369971
1057	07152012:23:07	APPS	USER	ACTIVE	30416	00000000D145FE08	1258857486
1059	07152012:23:07	APPS	USER	ACTIVE	30422	00000000D145FE08	1258857486
1062	07152012:23:07	APPS	USER	ACTIVE	30418	00000000D145FE08	1258857486
1063	07152012:23:07	APPS	USER	INACTIVE	27991	00	0
1065	07152012:21:53	APPLSYS	USER	INACTIVE	30133	00	0
1066	07152012:23:07	APPS	USER	ACTIVE	30420	00000000D145FE08	1258857486
1068	07152012:23:07	APPS	USER	ACTIVE	30417	00000000D145FE08	1258857486
1069	07152012:23:07	APPS	USER	ACTIVE	30421	00000000D145FE08	1258857486
1071	07152012:20:22	APPS	USER	INACTIVE	28773	00	0
1074	07152012:19:18	APPS	USER	INACTIVE	28011	00	0
1075	07152012:23:07	APPS	USER	ACTIVE	30423	00000000D145FE08	1258857486
1076	07152012:19:18	APPS	USER	INACTIVE	28013	00	0
1077	07152012:19:18	APPS	USER	INACTIVE	28010	00	0
1080	07152012:19:18	APPS	USER	INACTIVE	28008	00	0
1081	07152012:19:18	APPS	USER	INACTIVE	28014	00	0
1082	07152012:19:18	APPS	USER	INACTIVE	28012	00	0
1084	07152012:19:18	APPS	USER	INACTIVE	28009	00	0

19 rows selected.

■ Work remaining

```
select V1.sid, V1.serial#, V2.USERNAME, V2.OSUSER, substr(V1.opname,1,10),
       to_char(V1.start_time, 'HH24:MI:SS') AS Started, (V1.SOFAR/V1.TOTALWORK)*100 AS
       Pct_completed
FROM V$SESSION_LONGOPS V1, V$SESSION V2
WHERE V1.SID= V2.SID AND V1.SERIAL#=V2.SERIAL#
AND (SOFAR/TOTALWORK)*100 < 100
AND TOTALWORK > 0
/
```

■ Memory usage

```
SELECT username, value/(1024*1024) "Current session memory MB", sess.sid,sess.status
FROM v$session sess, v$sesstat stat, v$statname name
```

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```
WHERE sess.sid = stat.sid
  AND stat.statistic# = name.statistic#
  AND name.name like '%memory%'
  and username = 'APPS'
-- and sess.status='ACTIVE'
order by 2,4 asc
/
```