

Source – <http://appsdba.info>

## Concurrent Program Tracing in R12

### **CASE 1: Concurrent Program Tracing without bind variables**

- 1) Follow the following navigation to enable logging for conc prog  
Goto Sysadmin > Concurrent > Program > Define  
Query the concurrent program  
Check the trace box to enable trace
- 2) Execute the concurrent program and note down the request id

### **CASE 2: Concurrent Program Tracing with bind variables and waits**

- 1) Note down the following values

```
SELECT value FROM v$parameter WHERE name = 'max_dump_file_size';  
SELECT value FROM v$parameter WHERE name = 'timed_statistics';
```

- 2) Execute the following commands as sysdba

```
ALTER SYSTEM SET max_dump_file_size = unlimited;  
ALTER SYSTEM SET timed_statistics = true;  
ALTER SYSTEM SET EVENTS '10046 trace name context forever, level 12';
```

- 3) Execute the concurrent program and note down the request id
- 4) Turn off tracing the reset the values

```
ALTER SYSTEM SET EVENTS '10046 trace name context off';  
ALTER SYSTEM SET max_dump_file_size = <value from step 1>;  
ALTER SYSTEM SET timed_statistics = <value from step 1>;
```

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**CASE 3: Enabling the trace for a concurrent request for which you donot have privileges to run the concurrent Request.**

- 1) Ask the person who is privileged to run the concurrent program and get the request id 'xxxxx'
- 2) Get the oracle\_process\_id for that concurrent request.

```
SQL>select request_id,oracle_process_id from fnd_concurrent_requests where request_id in ('xxxxxxx');
```

- 3) Now get the session details ( SID and Serial ) using value obtained from step 2

```
col "SID/SERIAL" format a10
col username format a15
col osuser format a15
col program format a40
select s.sid || ',' || s.serial# "SID/SERIAL"
, s.username
, s.osuser
, s.status
, p.spid "OS PID"
, s.inst_id
, s.module
from sys.gv_$session s
, sys.gv_$process p
Where s.paddr = p.addr
and s.inst_id = p.inst_id
and p.spid=&value_from_step2
order by to_number(p.spid);
```

- 4) Execute the following command to enable the trace :

```
SQL> EXECUTE dbms_support.start_trace_in_session
(&SID,&SERIAL,binds=>true,waits=>true);
```

- 5) Collect the trace from udump location and investigate the issue.

We can follow the Metalink Note: 296559.1 to know more about tracing.